LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.216	35	39	45	rBV	231523	268881	2.38%	0.259%
2	3.475	80	83	89	rBV2	21372	35141	0.31%	0.034%
3	4.005	167	173	177	rBV3	17735	26220	0.23%	0.025%
4	4.793	301	307	312	rBV7	8456	13982	0.12%	0.013%
5	4.857	315	318	328	rBV10	9163	19930	0.18%	0.019%
6	5.728	461	466	471	rBV2	20268	29811	0.26%	0.029%
7	6.281	556	560	563	rVB5	10357	12678	0.11%	0.012%
8	6.599	610	614	619	rBV6	9787	17726	0.16%	0.017%
9	6.775	637	644	659	rBV	2123920	3270669	28.95%	3.147%
10	6.946	666	673	684	rVB	1642032	2525274	22.35%	2.429%
11	7.134	698	705	715	rVB	2096738	3249938	28.77%	3.127%
12	7.669	791	796	803	rVB2	48638	72678	0.64%	0.070%
13	8.293	893	902	915	rBV	2485521	3963795	35.09%	3.813%
14	8.740	970	978	987	rBV	2022014	3200850	28.33%	3.079%
15	8.916	1004	1008	1011	rBV6	8581	12762	0.11%	0.012%
16	9.198	1051	1056	1064	rBV	43127	58826	0.52%	0.057%
17	9.451	1091	1099	1106	rBV	1647798	2598202	23.00%	2.500%
18	9.587	1117	1122	1129	rBV3	17746	33254	0.29%	0.032%
19	9.863	1163	1169	1175	rBV7	7034	12749	0.11%	0.012%
20	9.981	1181	1189	1200	rBV	2613153	4200760	37.19%	4.041%
21	10.492	1267	1276	1292	rBV	2300760	3901920	34.54%	3.754%
22	11.951	1519	1524	1531	rVB	60846	89932	0.80%	0.087%
23	12.028	1533	1537	1540	rBV4	8696	12169	0.11%	0.012%
24	12.845	1671	1676	1679	rBV5	7622	11887	0.11%	0.011%
25	12.963	1693	1696	1701	rBV4	11519	16023	0.14%	0.015%
26	13.075	1710	1715	1721	rVB2	15138	23458	0.21%	0.023%
27	13.145	1721	1727	1731	rBV6	10733	16999	0.15%	0.016%
28	13.463	1776	1781	1788	rBV4	23549	35880	0.32%	0.035%
29	13.651	1806	1813	1817	rBV	4517854	6211383	54.98%	5.976%
30	13.698	1817	1821	1827	rVB	1044509	1389498	12.30%	1.337%
31	13.922	1851	1859	1870	rBV	4970847	7339628	64.97%	7.061%
32	14.163	1895	1900	1905	rVB6	14901	20856	0.18%	0.020%
33	14.233	1905	1912	1916	rBV6	13378	22262	0.20%	0.021%
34	14.428	1937	1945	1964	rBV	2070969	3028347	26.81%	2.913%

LSC Area Percent Report

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Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

35	14.675	1981	1987	1991	rBV6	15807	29258	0.26%	0.028%
36	14.857	2011	2018	2020	rBV6	9167	15679	0.14%	0.015%
37	15.063	2048	2053	2058	rBV4	12003	20262	0.18%	0.019%
38	15.122	2059	2063	2067	rVV	23929	28042	0.25%	0.027%
39	15.227	2074	2081	2088	rBV	6024621	8833690	78.20%	8.499%
40	15.345	2094	2101	2117	rBV	1847001	2551018	22.58%	2.454%
41	15.469	2117	2122	2127	rVB	78537	112601	1.00%	0.108%
42	15.986	2207	2210	2211	rBV	15955	12673	0.11%	0.012%
43	16.016	2211	2215	2220	rVB2	32375	51453	0.46%	0.050%
44	16.345	2266	2271	2273	rBV5	6615	12167	0.11%	0.012%
45	16.410	2277	2282	2285	rBV5	14455	24387	0.22%	0.023%
46	16.669	2323	2326	2331	rVB6	22557	29324	0.26%	0.028%
47	16.780	2341	2345	2351	rBV3	31430	45174	0.40%	0.043%
48	16.980	2377	2379	2382	rBV3	10475	12825	0.11%	0.012%
49	17.021	2383	2386	2390	rVV	23831	28552	0.25%	0.027%
50	17.080	2390	2396	2409	rVV2	6744524	9577691	84.78%	9.214%
51	17.521	2468	2471	2474	rBV5	16541	18145	0.16%	0.017%
52	17.645	2489	2492	2494	rBV4	10859	11878	0.11%	0.011%
53	17.916	2532	2538	2558	rBV	1422785	2573743	22.78%	2.476%
54	18.216	2584	2589	2594	rVV5	40904	64279	0.57%	0.062%
55	18.592	2649	2653	2655	rBV5	19156	23138	0.20%	0.022%
56	18.863	2695	2699	2704	rVB3	50038	59823	0.53%	0.058%
57	19.021	2722	2726	2730	rBV	119015	161640	1.43%	0.156%
58	19.063	2730	2733	2735	rVV4	80905	112728	1.00%	0.108%
59	19.086	2735	2737	2744	rVB6	81300	136772	1.21%	0.132%
60	19.215	2754	2759	2766	rBV	855906	1364619	12.08%	1.313%
61	19.274	2767	2769	2778	rVV	128070	237100	2.10%	0.228%
62	19.392	2781	2789	2796	rVV2	8200172	11296666	100.00%	10.868%
63	19.451	2796	2799	2802	rVV2	100243	120530	1.07%	0.116%
64	19.486	2802	2805	2811	rVB2	53859	70740	0.63%	0.068%
65	19.951	2882	2884	2886	rBV3	16380	18185	0.16%	0.017%
66	19.992	2888	2891	2899	rVB2	103229	128510	1.14%	0.124%
67	20.315	2943	2946	2947	rBV3	28999	28115	0.25%	0.027%
68	20.362	2951	2954	2961	rVB2	70463	104290	0.92%	0.100%
69	20.427	2963	2965	2969	rVB3	33298	32784	0.29%	0.032%
70	20.498	2969	2977	2980	rBV2	205918	267588	2.37%	0.257%
71	20.957	3050	3055	3079	rBV2	1755914	2954970	26.16%	2.843%

LSC Area Percent Report

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Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

72	21.157	3086	3089	3092	rBV	83856	99892	0.88%	0.096%
73	21.410	3128	3132	3138	rBV	485555	545938	4.83%	0.525%
74	21.845	3202	3206	3213	rBV	533200	739759	6.55%	0.712%
75	22.304	3280	3284	3288	rBV	577700	701292	6.21%	0.675%
76	22.804	3365	3369	3374	rVB	580240	797936	7.06%	0.768%
77	23.268	3441	3448	3458	rVB2	6282015	11252507	99.61%	10.826%
78	23.362	3459	3464	3469	rVV	561222	856275	7.58%	0.824%
79	23.998	3567	3572	3579	rBV	457828	819876	7.26%	0.789%
80	24.074	3580	3585	3599	rVV4	223956	542917	4.81%	0.522%
81	24.733	3691	3697	3703	rBV	316749	671959	5.95%	0.646%

Sum of corrected areas: 103943758

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005187.D
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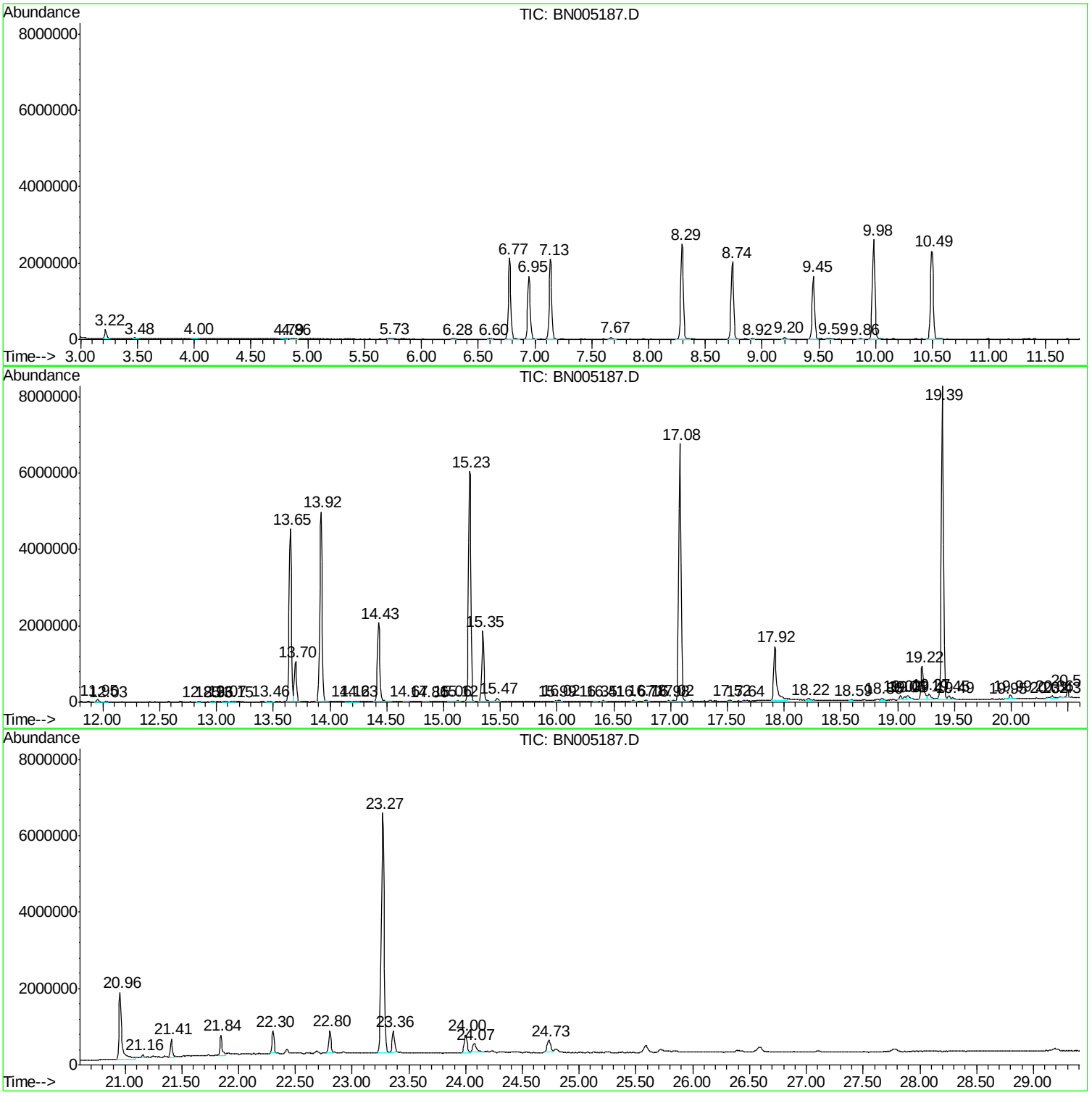
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

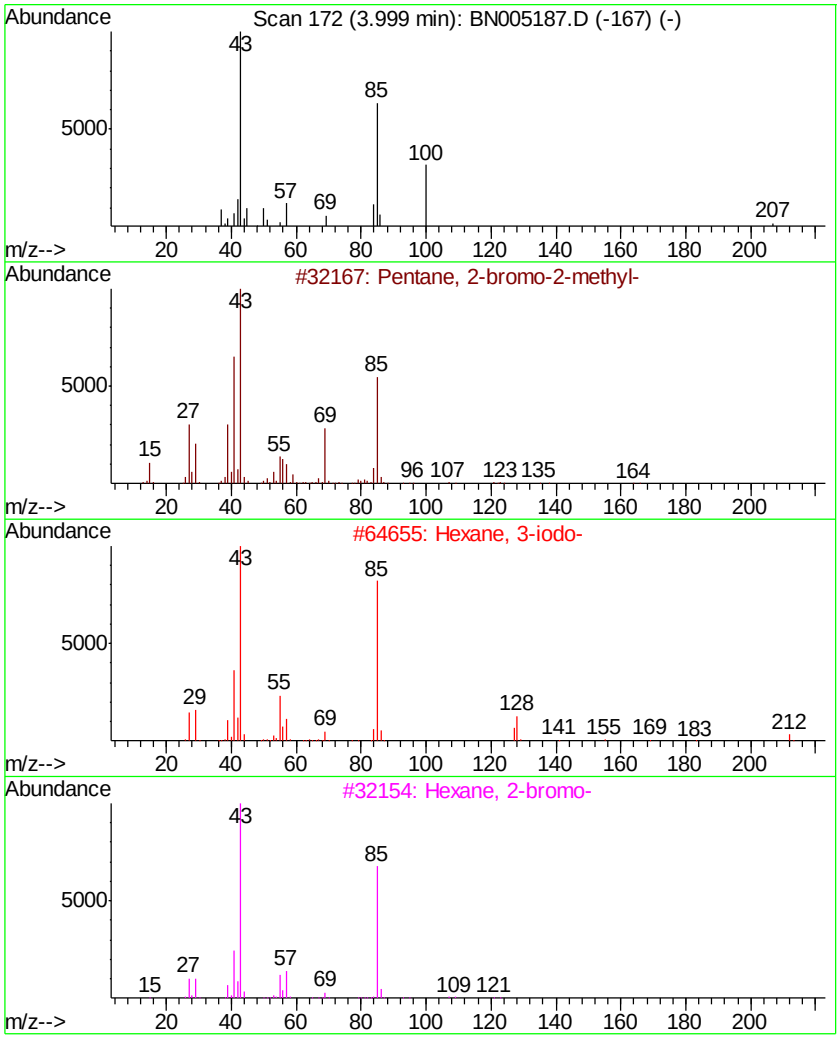
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

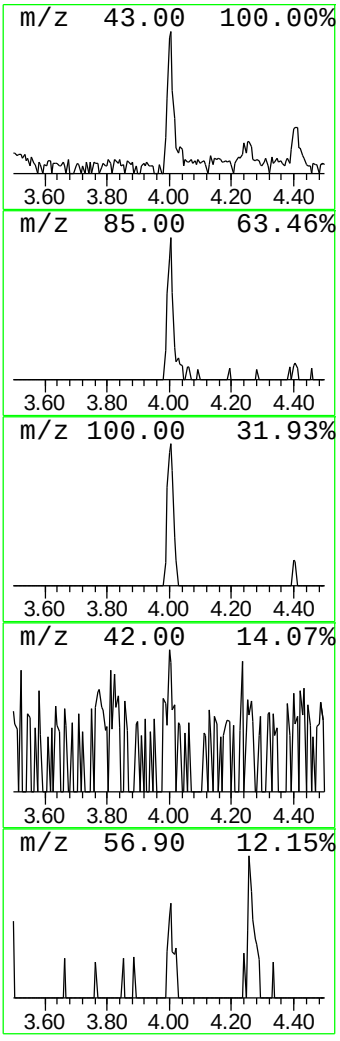
****

Peak Number 2 Pentane, 2-bromo-2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	7.22 ng/ul	26220	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-bromo-2-methyl-	164	C6H13Br	004283-80-1	59
2	Hexane, 3-iodo-	212	C6H13I	031294-91-4	59
3	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	53
4	4-Ethyl-4-methyl-1-hexene	126	C9H18	090674-67-2	53
5	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

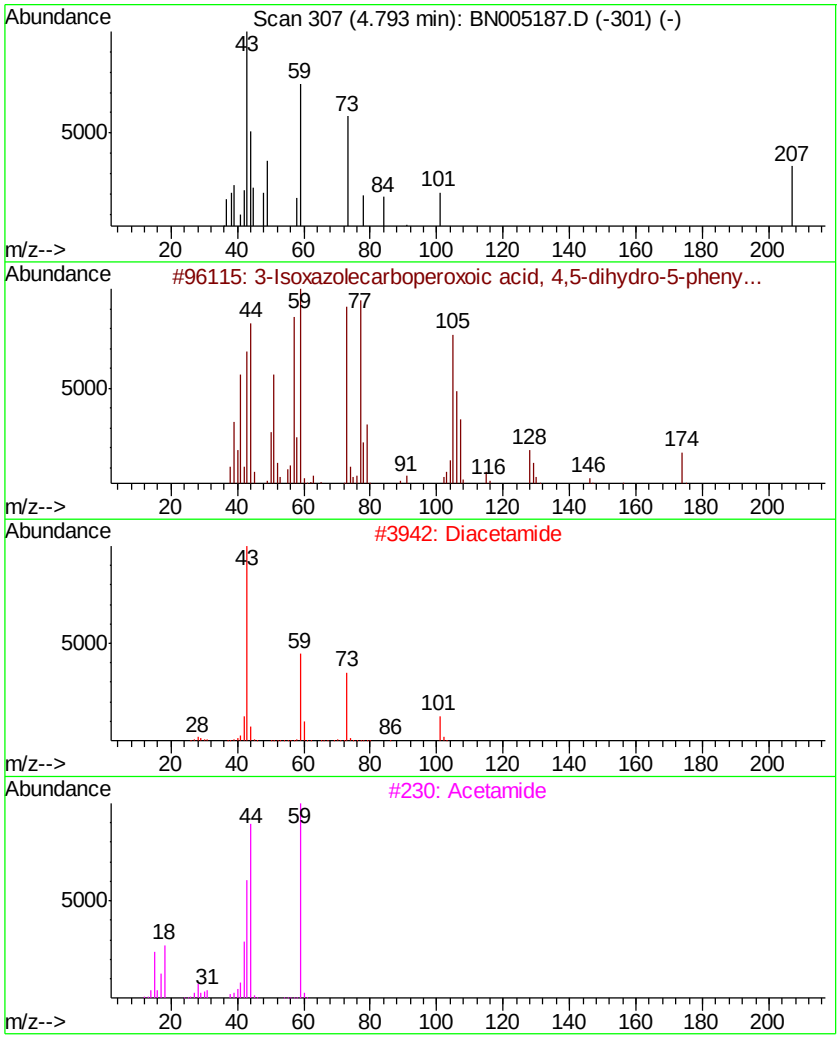
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

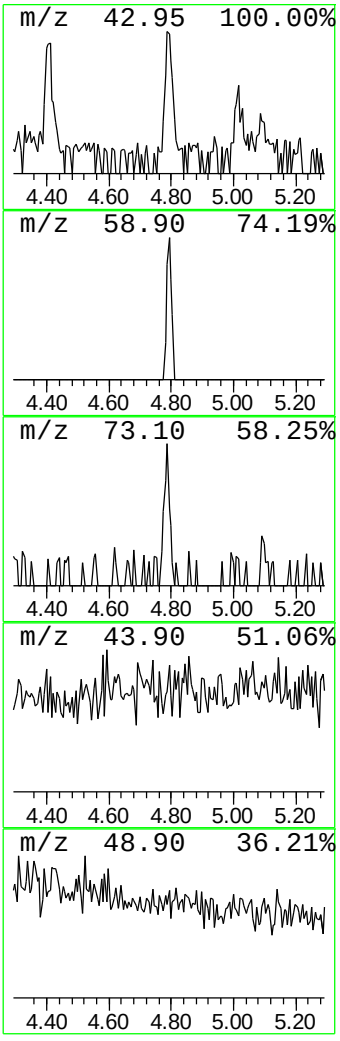
****

Peak Number 3 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	3.85 ng/ul	13982	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isoxazolecarboperoxoic acid, 4...	263	C14H17NO4	035145-84-7	22
2	Diacetamide	101	C4H7NO2	000625-77-4	10
3	Acetamide	59	C2H5NO	000060-35-5	10
4	Acetaldoxime	59	C2H5NO	000107-29-9	9
5	Acetamide	59	C2H5NO	000060-35-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

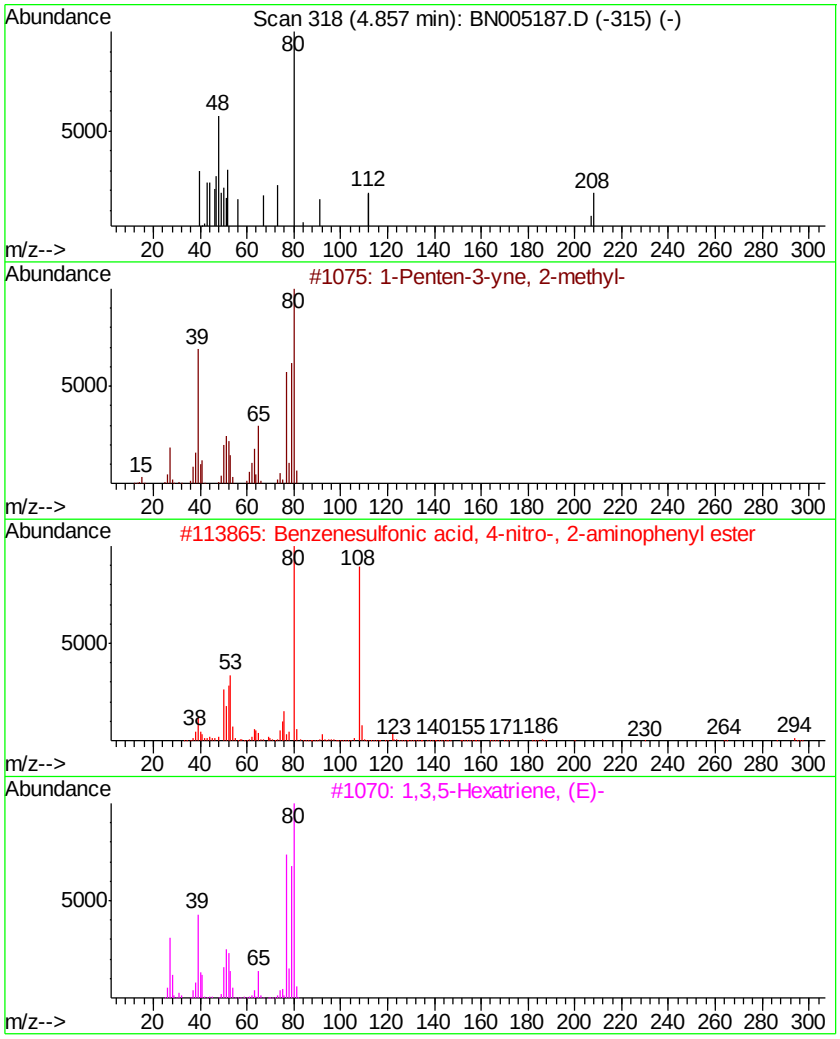
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

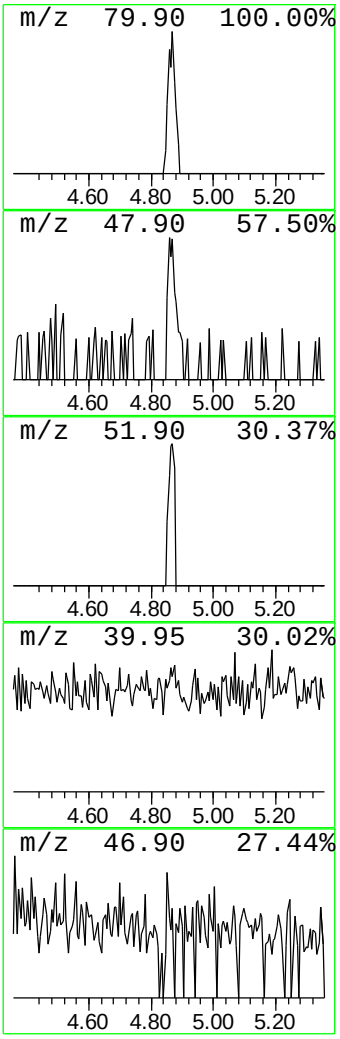
****

Peak Number 4 unknown-02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	5.48 ng/ul	19930	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-yne, 2-methyl-	80	C6H8	000926-55-6	38
2	Benzenesulfonic acid, 4-nitro-, ...	294	C12H10N2O5S	018631-75-9	38
3	1,3,5-Hexatriene, (E)-	80	C6H8	000821-07-8	9
4	2-Hexen-4-yne, (E)-	80	C6H8	033625-96-6	9
5	Pyridazine	80	C4H4N2	000289-80-5	9





Library Search Compound Report

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Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

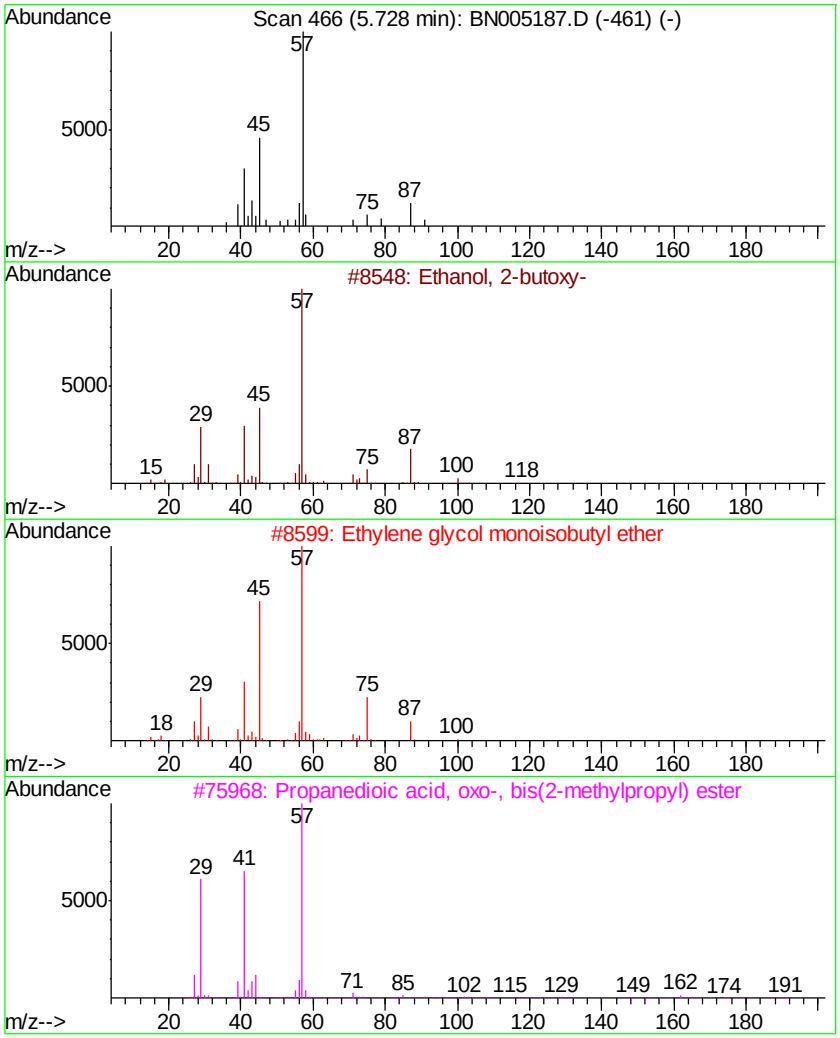
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

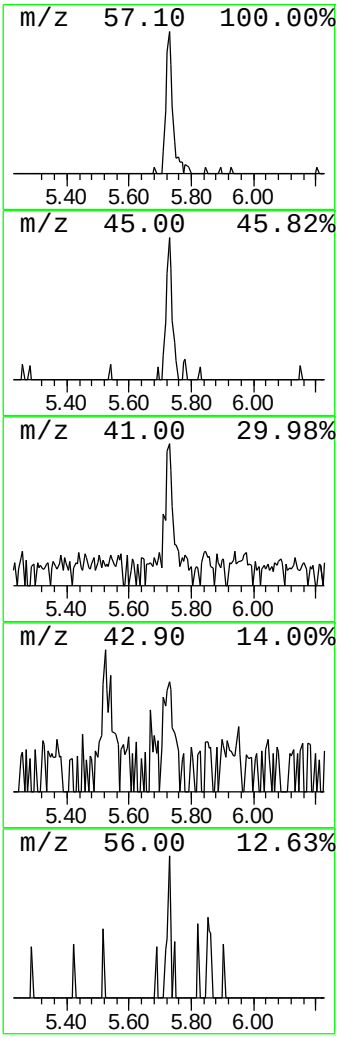
****

Peak Number 5 unknown-03 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	8.20 ng/ul	29811	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	40
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	38
3	Propanedioic acid, oxo-, bis(2-m...	230	C11H18O5	092778-43-3	10
4	Neopentylamine	87	C5H13N	005813-64-9	9
5	Propane, 2-[(1,1-dimethylethyl)s...	178	C8H18O2S	001886-75-5	9





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Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

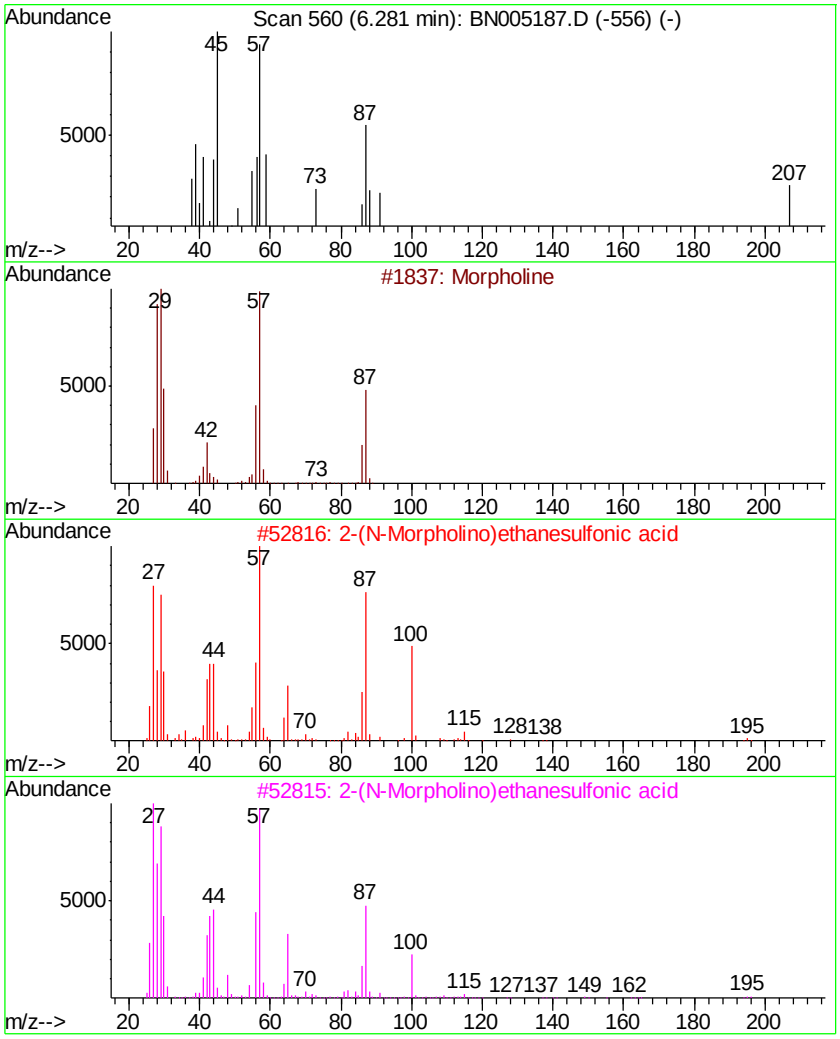
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

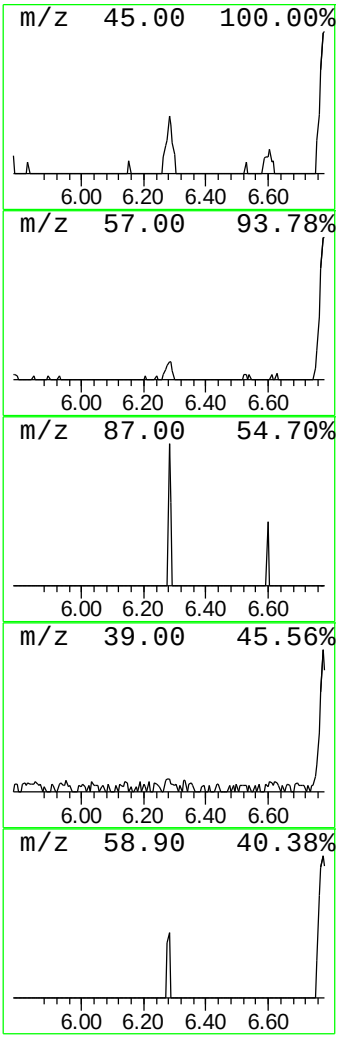
****

Peak Number 6 unknown-04 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	3.49 ng/ul	12678	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine	87	C4H9NO	000110-91-8	18
2	2-(N-Morpholino)ethanesulfonic acid	195	C6H13NO4S	004432-31-9	14
3	2-(N-Morpholino)ethanesulfonic acid	195	C6H13NO4S	004432-31-9	10
4	Morpholine	87	C4H9NO	000110-91-8	9
5	Methyl propionate	88	C4H8O2	000554-12-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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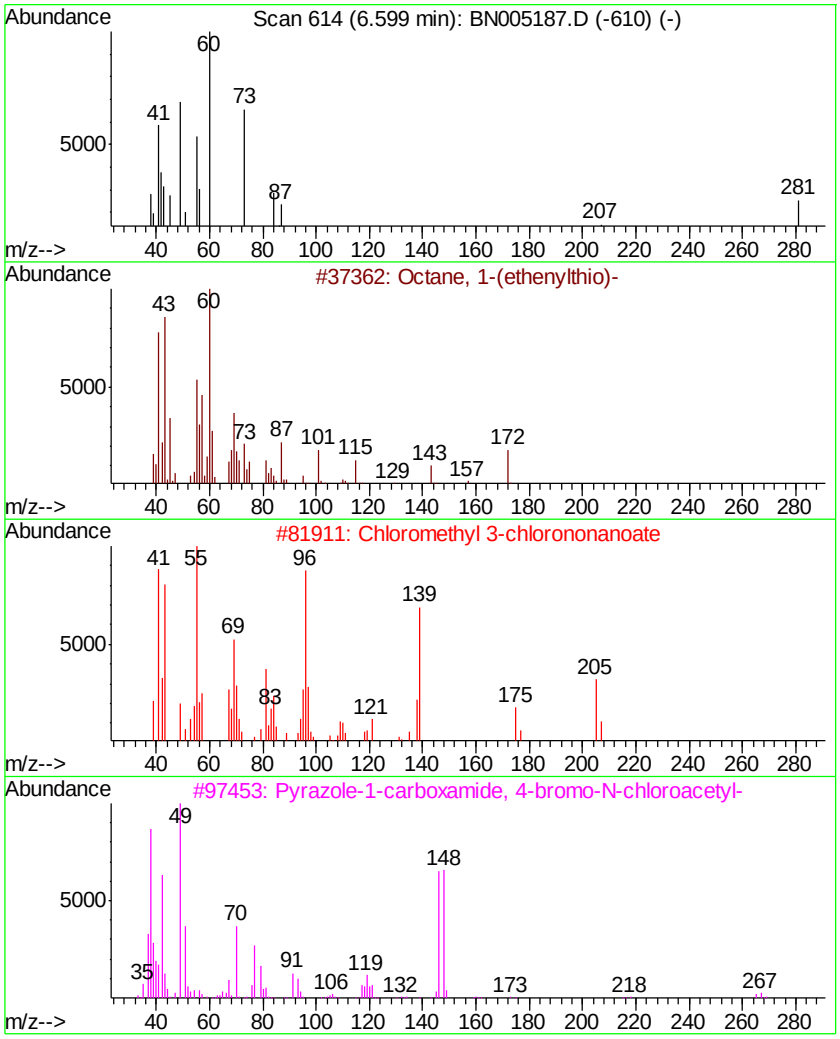
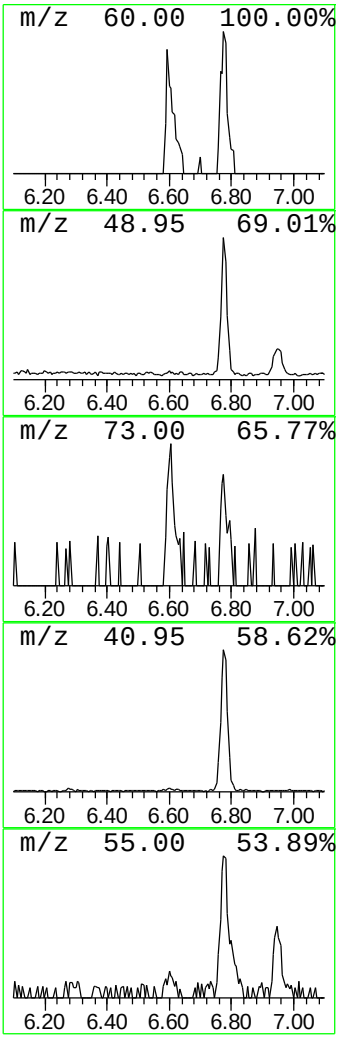
Peak Number 7 unknown-05 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	4.88 ng/ul	17726	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1-(ethenylthio)-	172	C10H20S	042779-08-8	10
2	Chloromethyl 3-chlorononanoate	240	C10H18Cl2O2	080418-72-0	9
3	Pyrazole-1-carboxamide, 4-bromo-...	265	C6H5BrClN3O2	1000268-17-5	9
4	.alpha.-D-Glucopyranoside, O-.al...	504	C18H32O16	000597-12-6	9
5	Hexanoic acid	116	C6H12O2	000142-62-1	9





Library Search Compound Report

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Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

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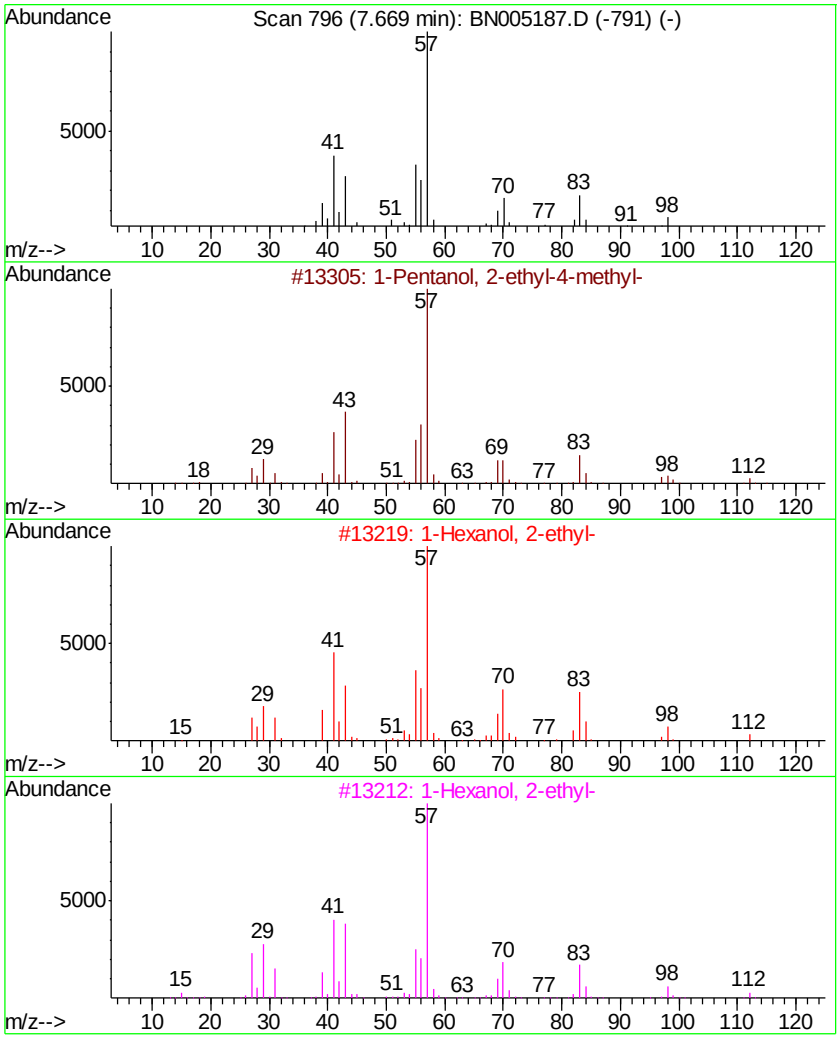
Quant Title : SVOA CALIBRATION

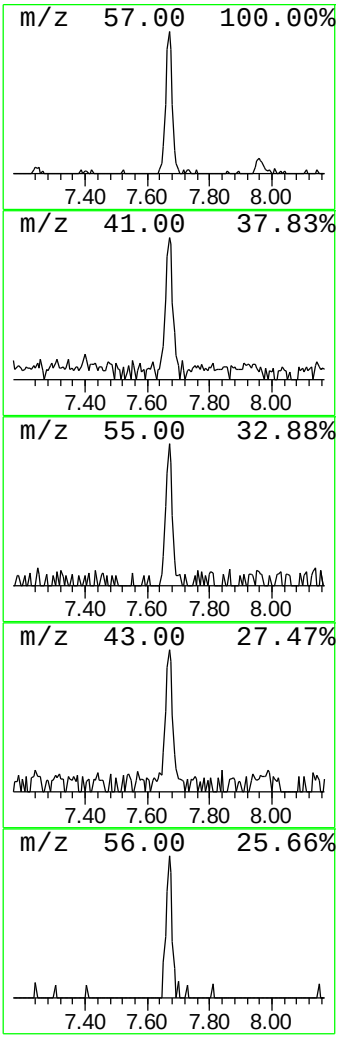
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	20.00 ng/ul	72678	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	43





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Sample : K2455-13
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ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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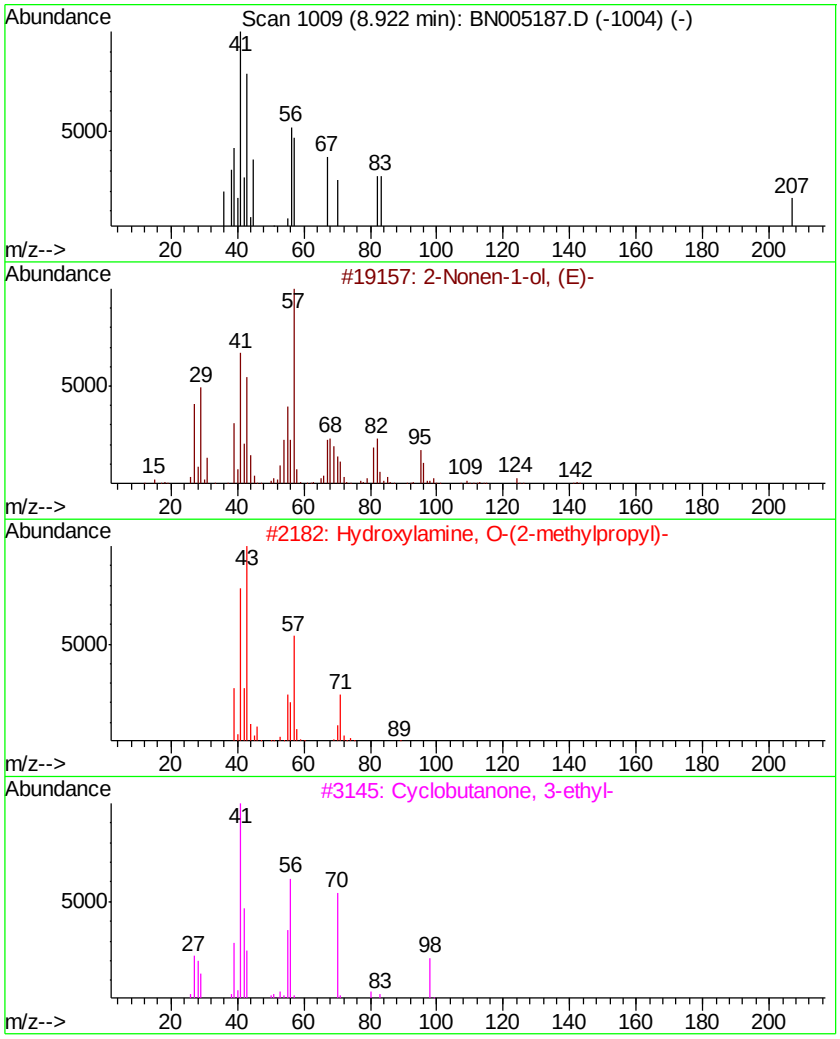
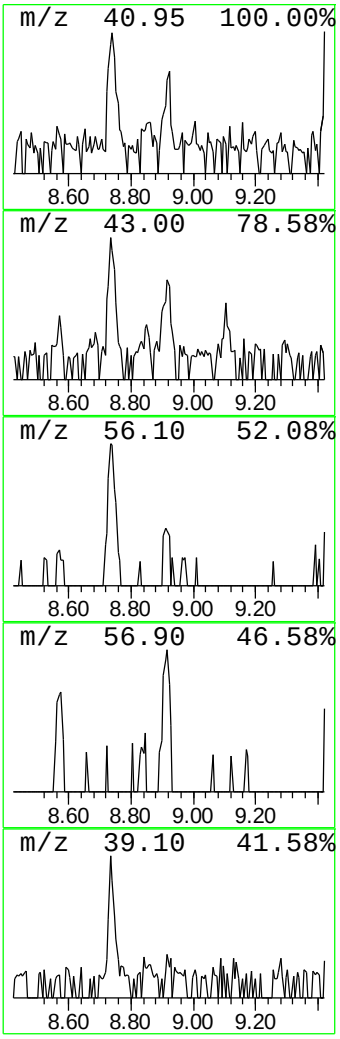
Peak Number 9 unknown-06 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	3.51 ng/ul	12762	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	17
2	Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	12
3	Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	10
4	(Z)-3-Heptene	98	C7H14	007642-10-6	10
5	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	9





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Sample : K2455-13
Misc :
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ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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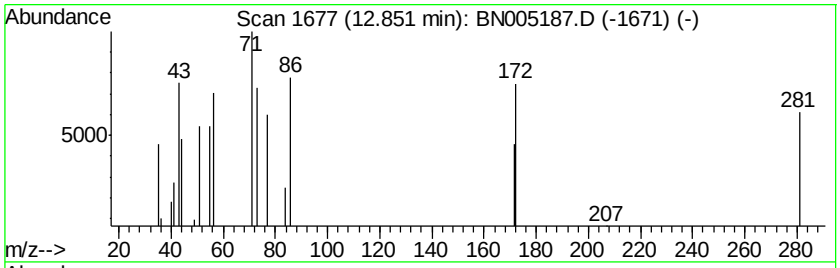
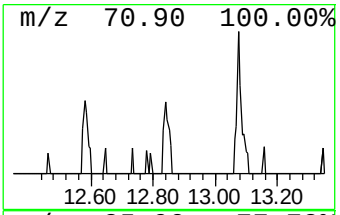
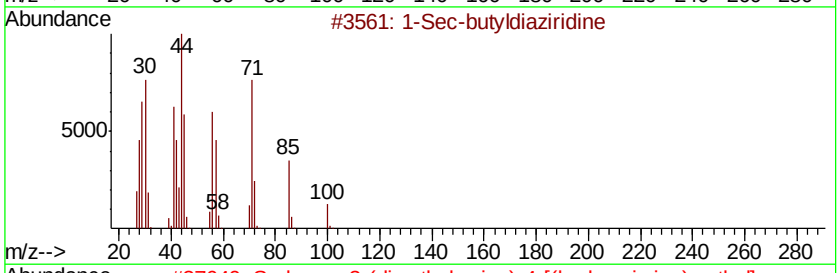
Peak Number 10 unknown-07 Concentration Rank 37

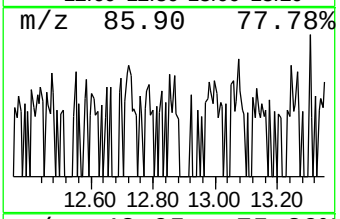
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	10.68 ng/ul	11887	Acenaphthene-d10	14.23

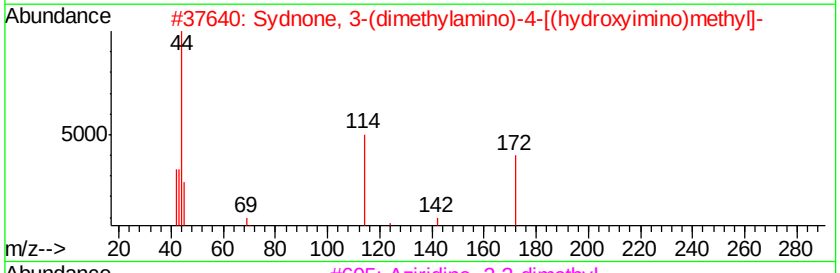
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Sec-butyldiaziridine	100	C5H12N2	033657-34-0	28
2	Sydnone, 3-(dimethylamino)-4-[(h...	172	C5H8N4O3	069978-11-6	12
3	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	9
4	2,2-Dimethyl-1,3-propanediamine	102	C5H14N2	007328-91-8	9
5	Carbamic acid, ethylnitroso-, et...	146	C5H10N2O3	000614-95-9	9

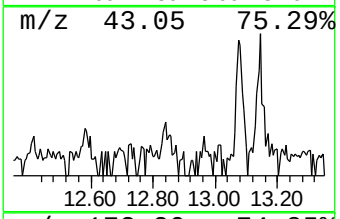


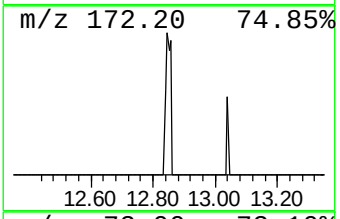


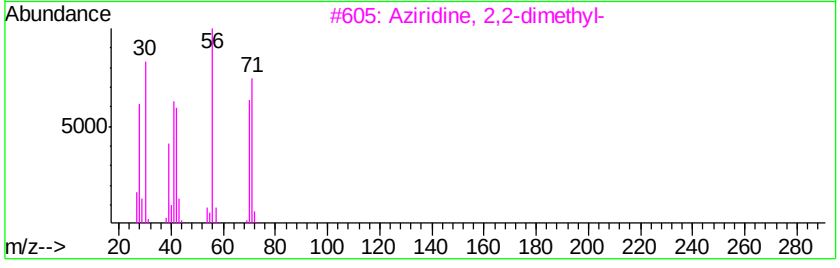


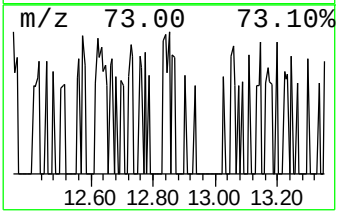












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Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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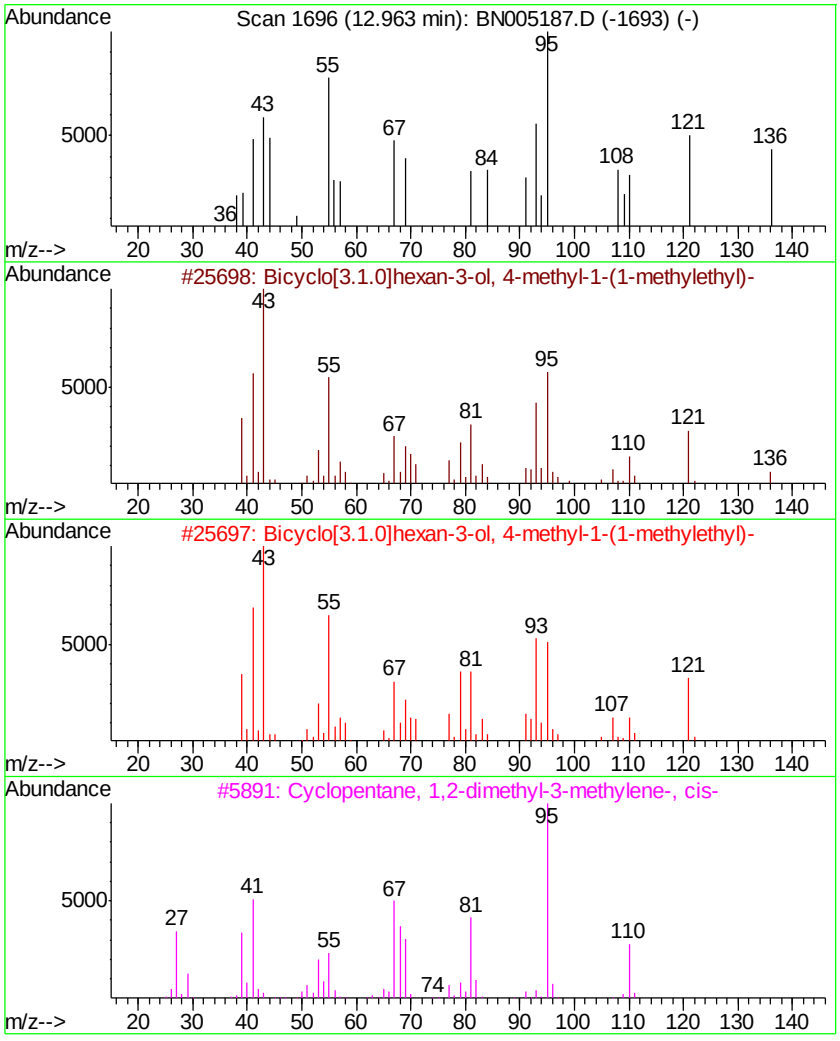
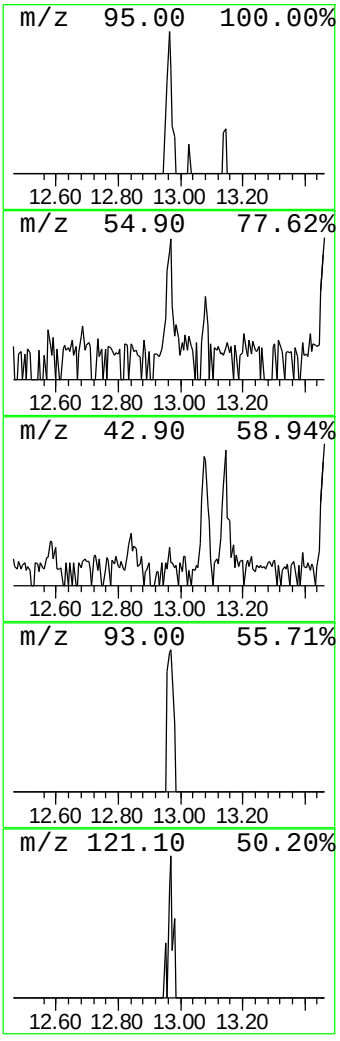
Peak Number 11 unknown-08 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	14.39 ng/ul	16023	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-3-ol, 4-meth...	154	C10H18O	000513-23-5	25
2	Bicyclo[3.1.0]hexan-3-ol, 4-meth...	154	C10H18O	000513-23-5	23
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	22
4	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	196	C12H20O2	076109-40-5	12
5	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	12





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Sample : K2455-13
Misc :
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ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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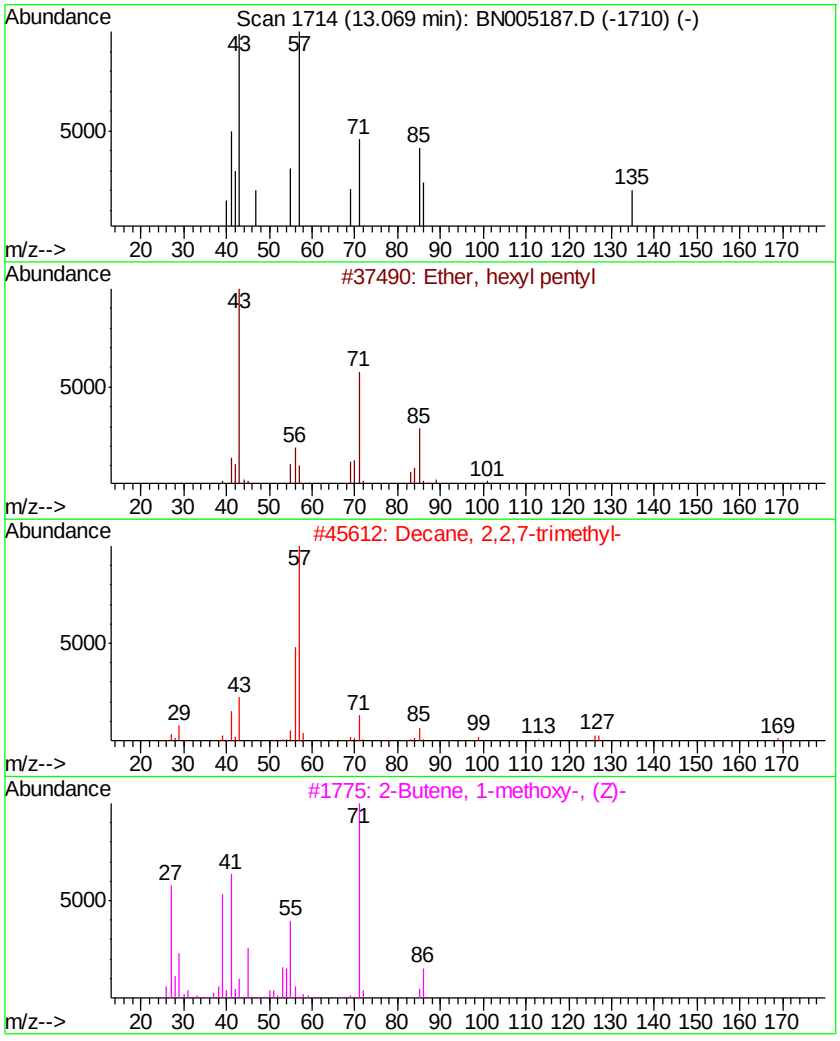
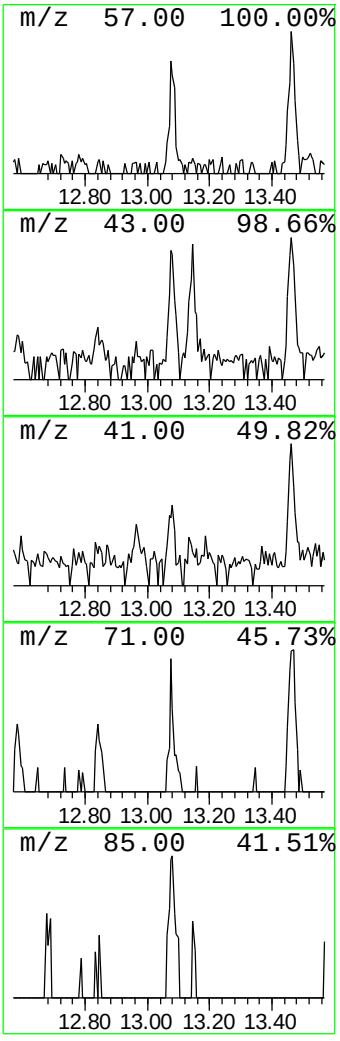
Peak Number 12 unknown-09 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	21.07 ng/ul	23458	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, hexyl pentyl	172	C11H24O	032357-83-8	33
2	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	28
3	2-Butene, 1-methoxy-, (Z)-	86	C5H10O	010034-16-9	9
4	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	9
5	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	9





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Instrument : BNA_N
ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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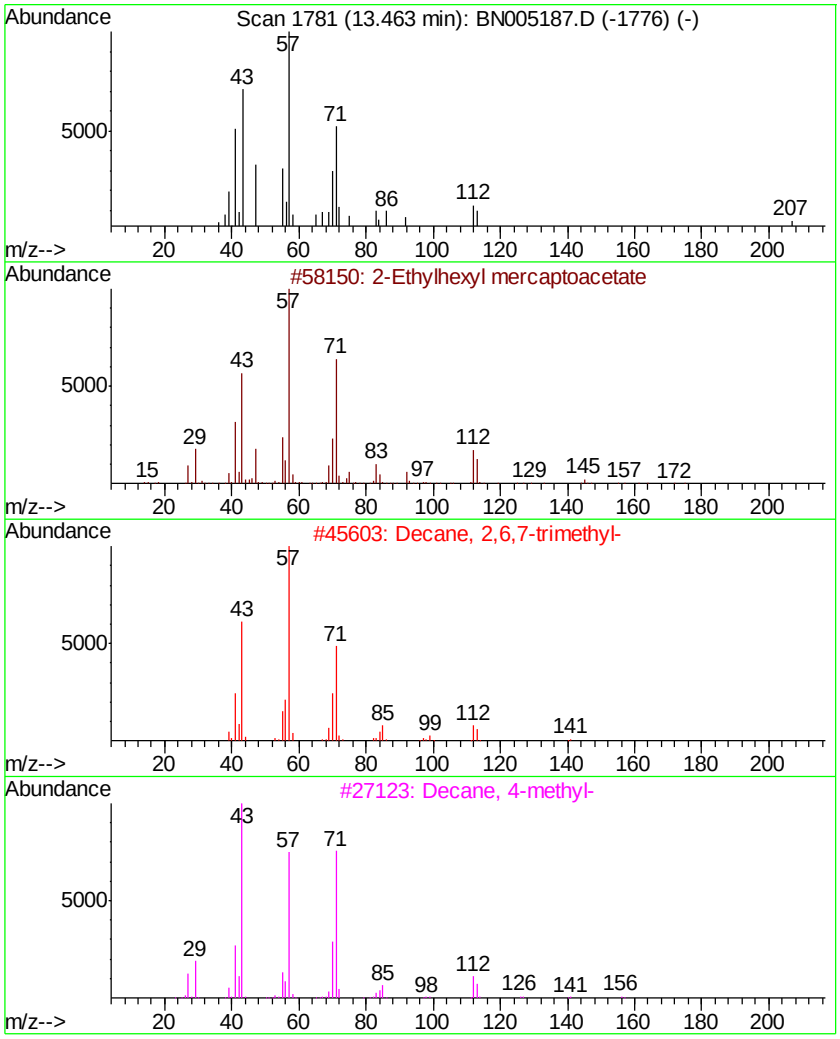
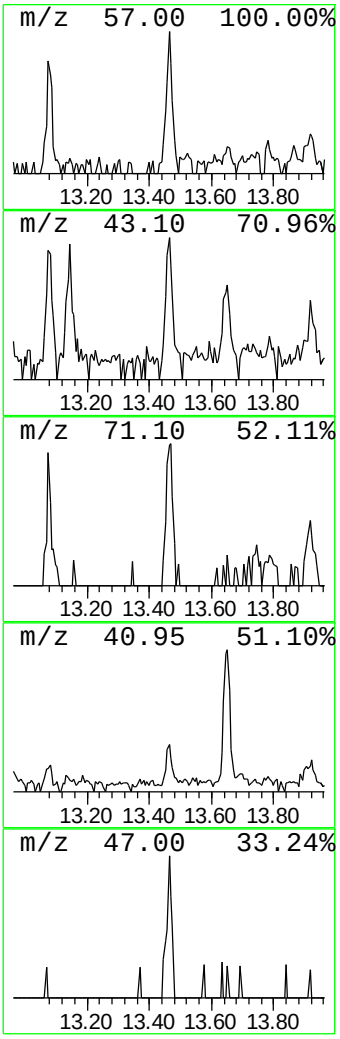
Peak Number 14 2-Ethylhexyl mercaptoacetate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	32.23 ng/ul	35880	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	53
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
3	Decane, 4-methyl-	156	C11H24	002847-72-5	47
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	47
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	47





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Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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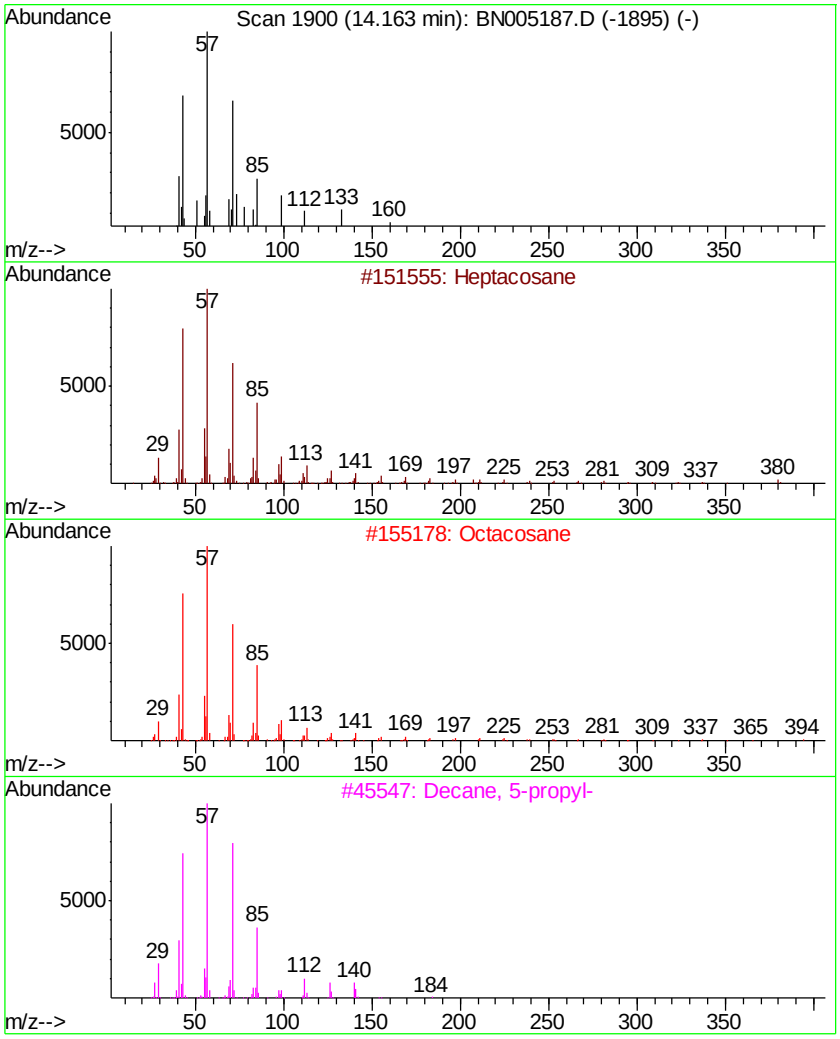
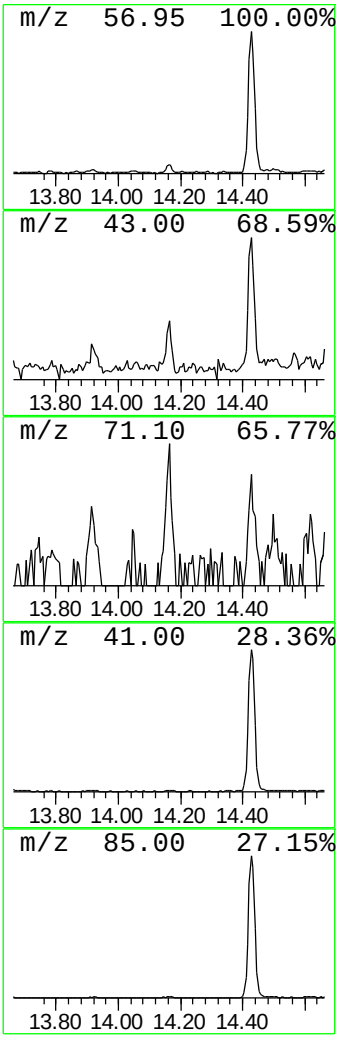
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	18.74 ng/ul	20856	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	53
2	Octacosane	394	C28H58	000630-02-4	50
3	Decane, 5-propyl-	184	C13H28	017312-62-8	50
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	50
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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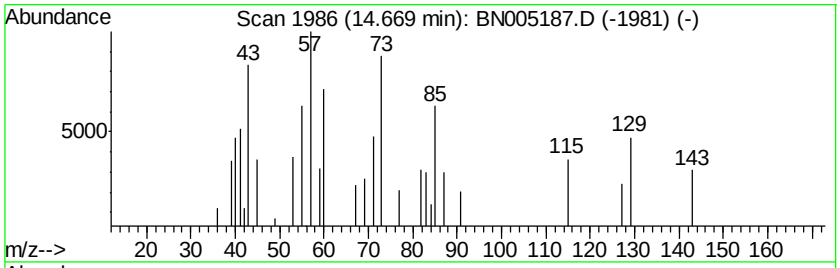
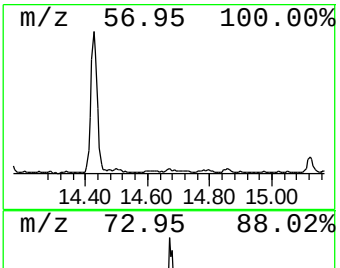
Peak Number 16 unknown-10 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	26.29 ng/ul	29258	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-D-Galactopyranoside, methyl	194	C7H14O6	003396-99-4	14
2	Pentanoic acid, 1,1-dimethylprop...	172	C10H20O2	117421-32-6	12
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	12
4	8-Chlorocaprylic acid	178	C8H15ClO2	001795-62-6	10
5	2H-Pyran, 2-[(6-chlorohexyl)oxy]...	220	C11H21ClO2	002009-84-9	10





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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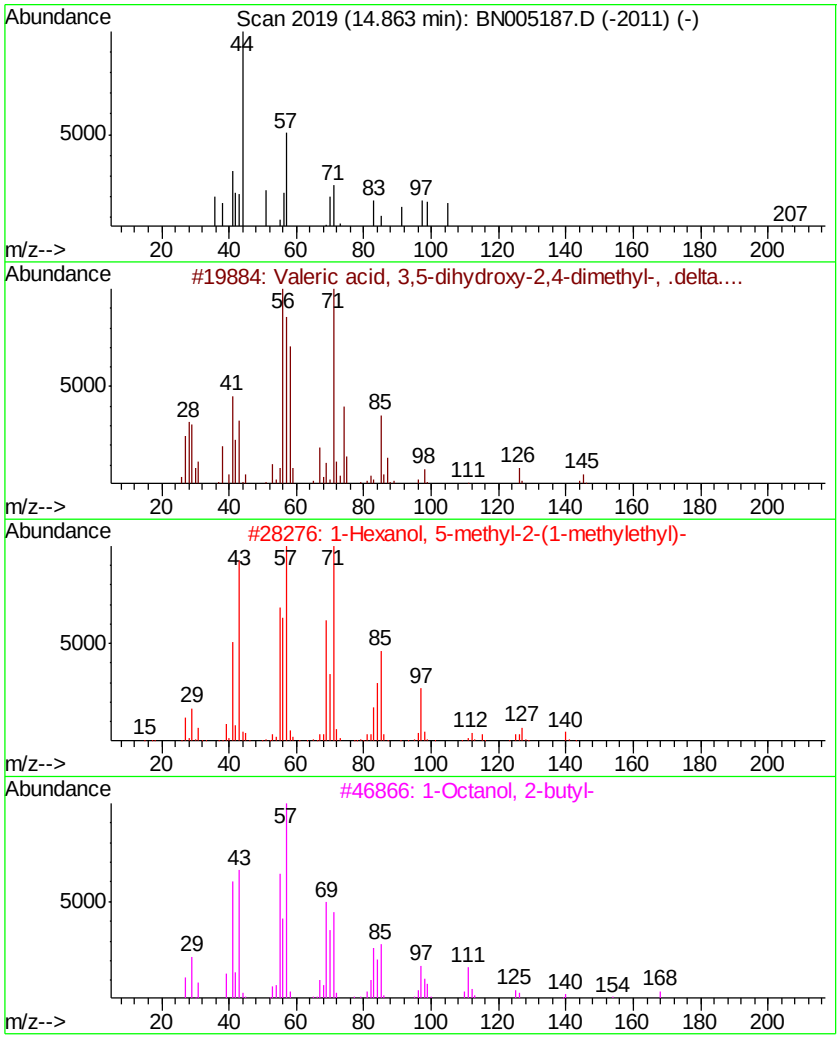
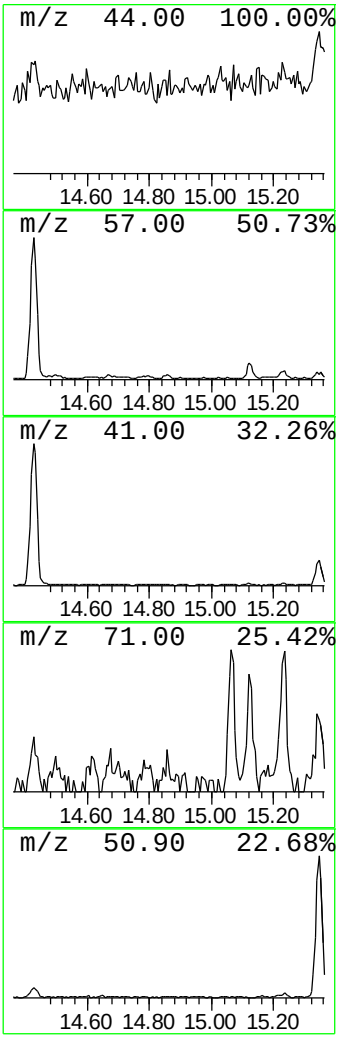
Peak Number 17 unknown-11 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	14.09 ng/ul	15679	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valeric acid, 3,5-dihydroxy-2,4-...	144	C7H12O3	109717-37-5	17
2	1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	16
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	12
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	12
5	Oxirane, hexyl-	128	C8H16O	002984-50-1	10





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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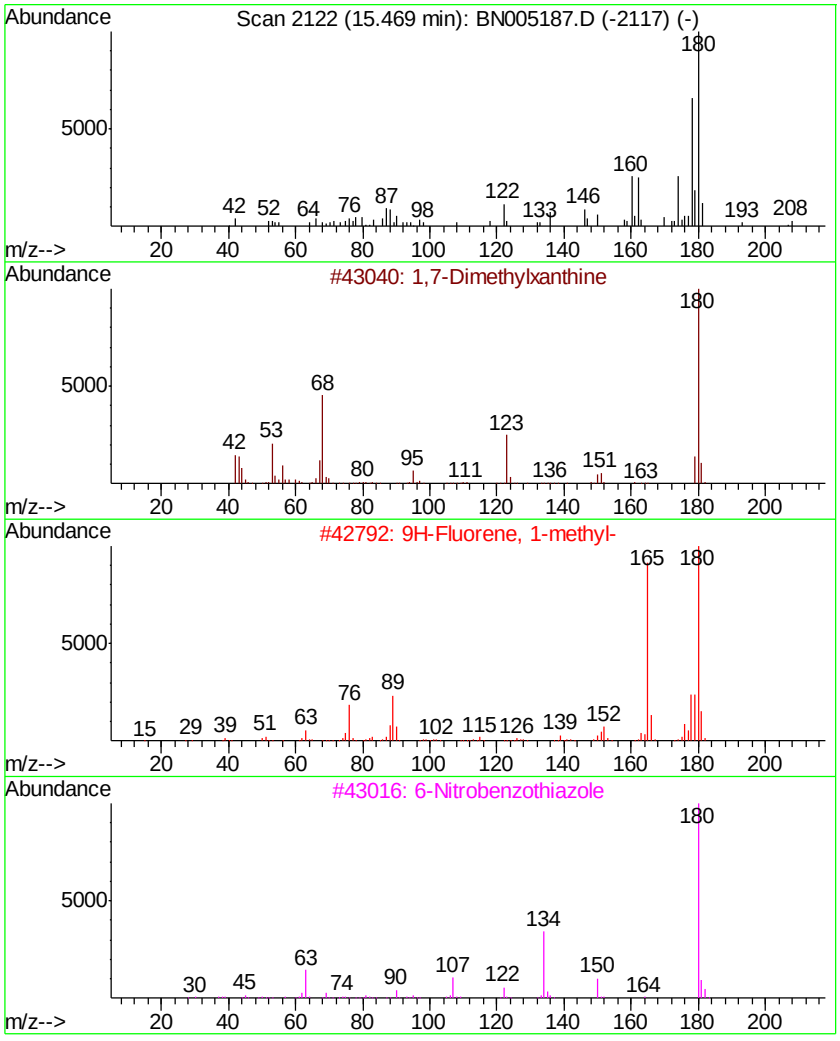
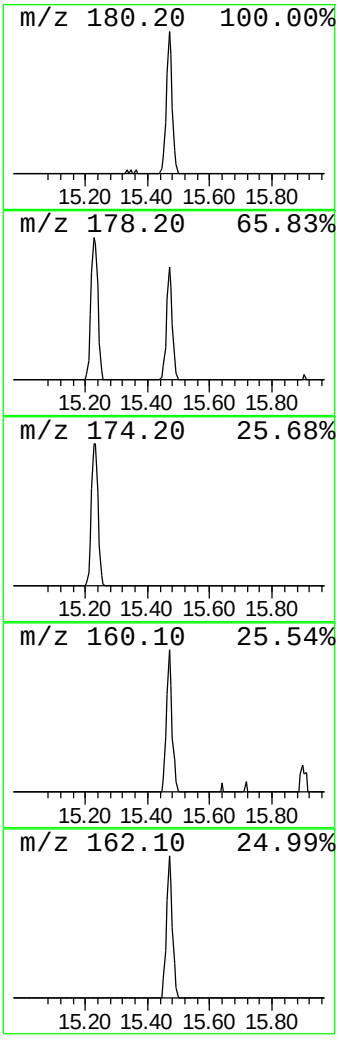
Peak Number 18 unknown-12 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	101.16 ng/ul	112601	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethylxanthine	180	C7H8N4O2	000611-59-6	38
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	38
3	6-Nitrobenzothiazole	180	C7H4N2O2S	002942-06-5	35
4	Acetic acid, 2-(2-methoxyphenyl)...	180	C9H12N2O2	079984-63-7	35
5	Phenazine	180	C12H8N2	000092-82-0	35





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Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
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Instrument : BNA_N
ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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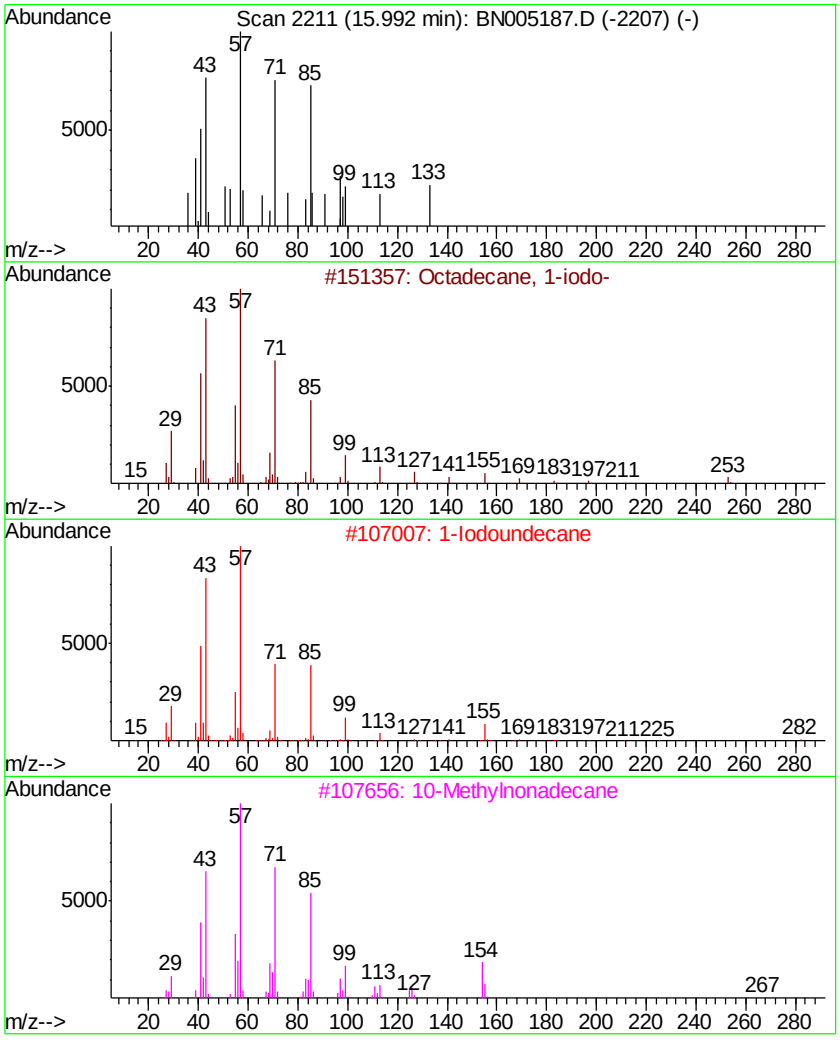
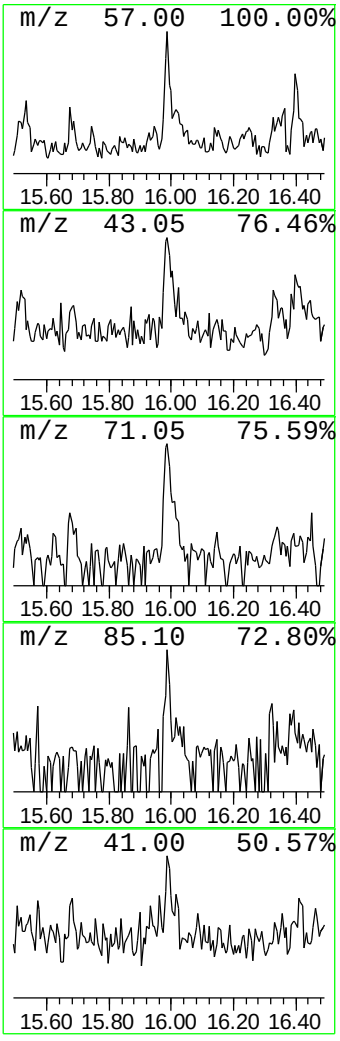
Peak Number 19 Octadecane, 1-iodo- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	19.76 ng/ul	12673	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	53
2	1-Iodoundecane	282	C11H23I	004282-44-4	50
3	10-Methylnonadecane	282	C20H42	056862-62-5	45
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	43
5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	42





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Quant Title : SVOA CALIBRATION

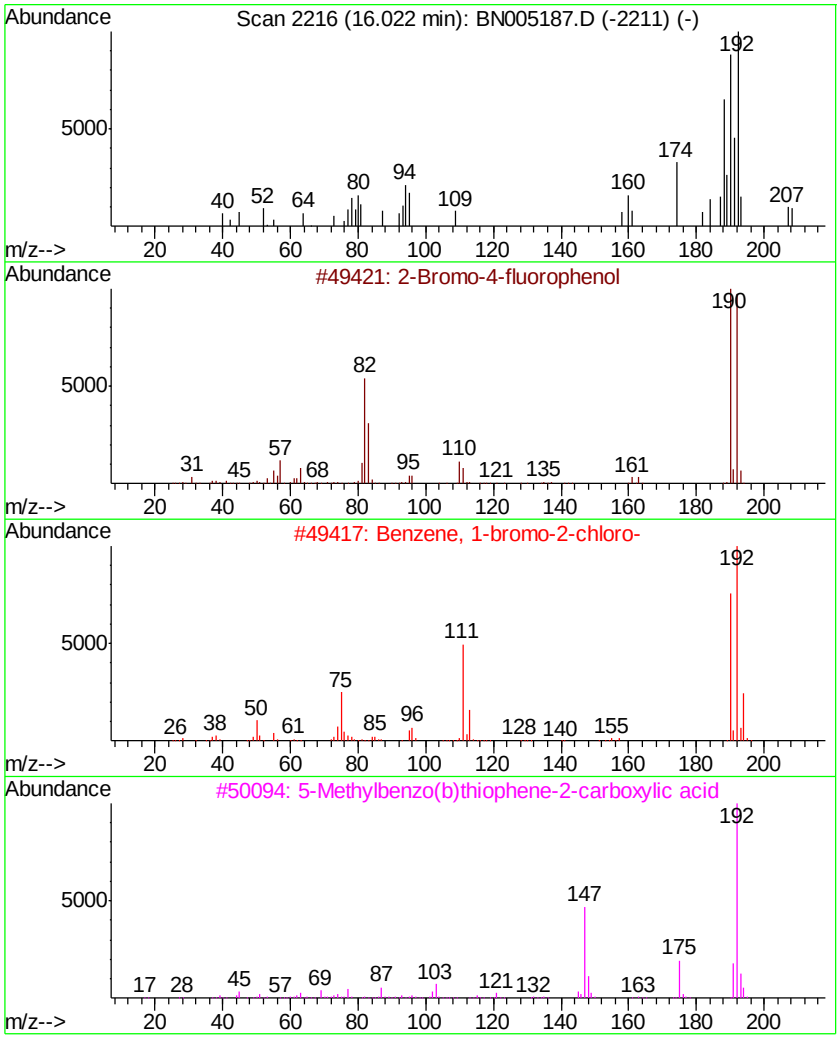
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

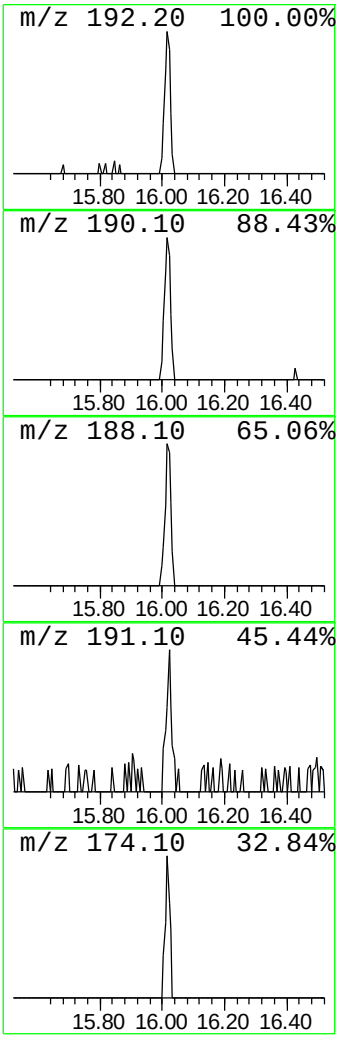
****

Peak Number 20 unknown-13 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	80.24 ng/ul	51453	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo-4-fluorophenol	190	C6H4BrFO	000496-69-5	38
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	23
3	5-Methylbenzo(b)thiophene-2-carb...	192	C10H8O2S	001505-62-0	18
4	4-Methylbenzo(b)thiophene-2-carb...	192	C10H8O2S	001735-13-3	18
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	12





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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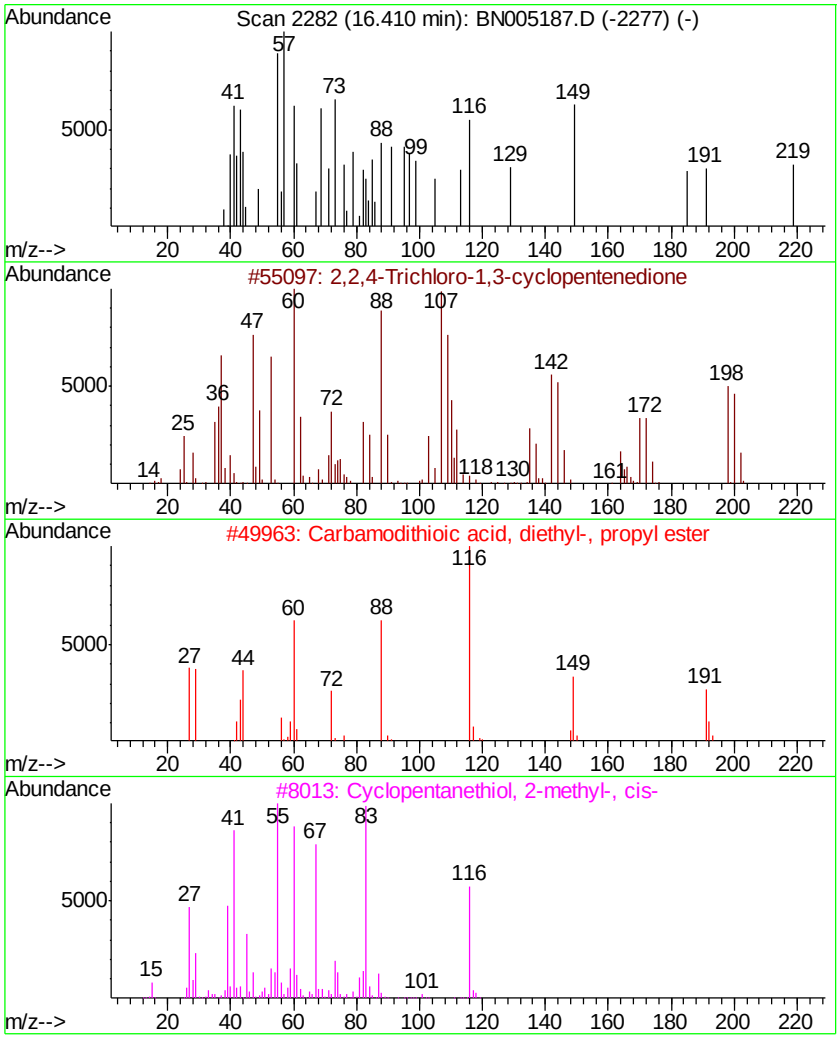
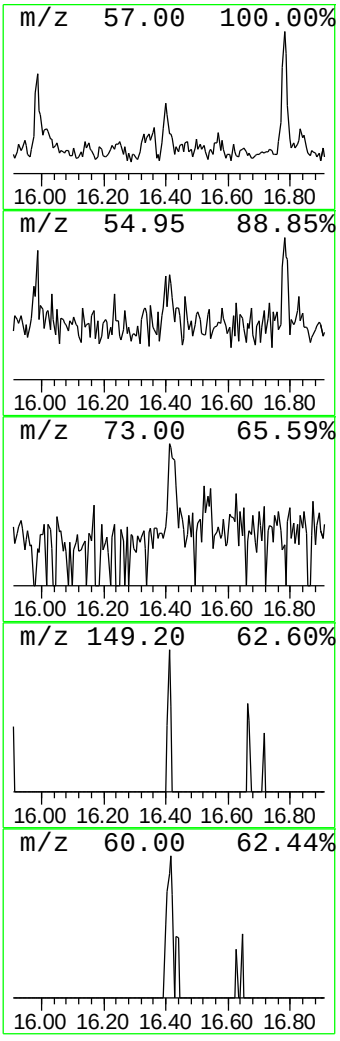
Peak Number 22 unknown-14 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	38.03 ng/ul	24387	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trichloro-1,3-cyclopentene...	198	C5HCl3O2	088552-47-0	25
2	Carbamodithioic acid, diethyl-, ...	191	C8H17NS2	019047-77-9	9
3	Cyclopentanethiol, 2-methyl-, cis-	116	C6H12S	001638-94-4	9
4	Butane, 1-(ethenylthio)-	116	C6H12S	004789-70-2	9
5	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	9





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ClientSampleId : GAHR3

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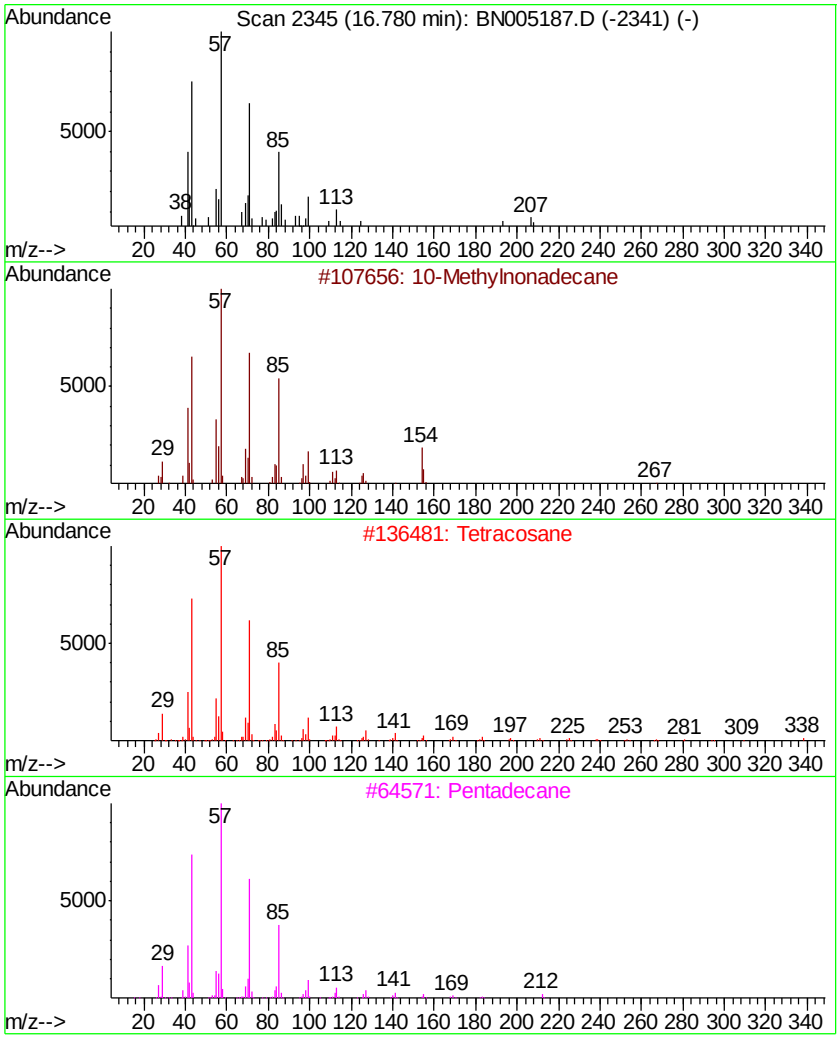
Quant Title : SVOA CALIBRATION

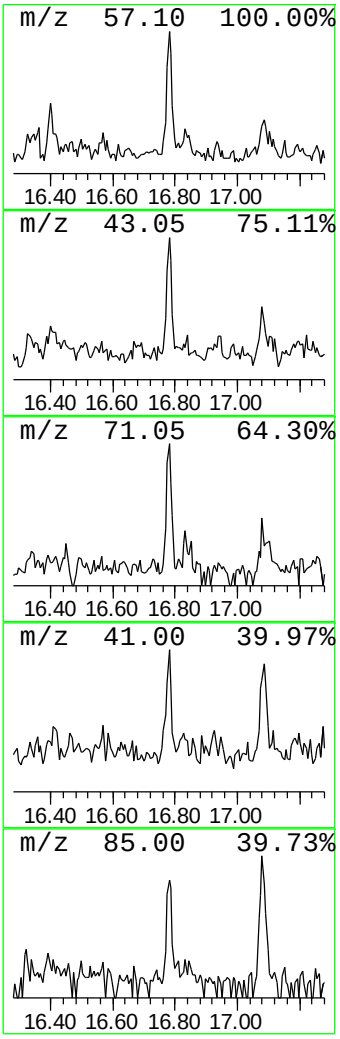
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	70.45 ng/ul	45174	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	72
2	Tetracosane	338	C24H50	000646-31-1	64
3	Pentadecane	212	C15H32	000629-62-9	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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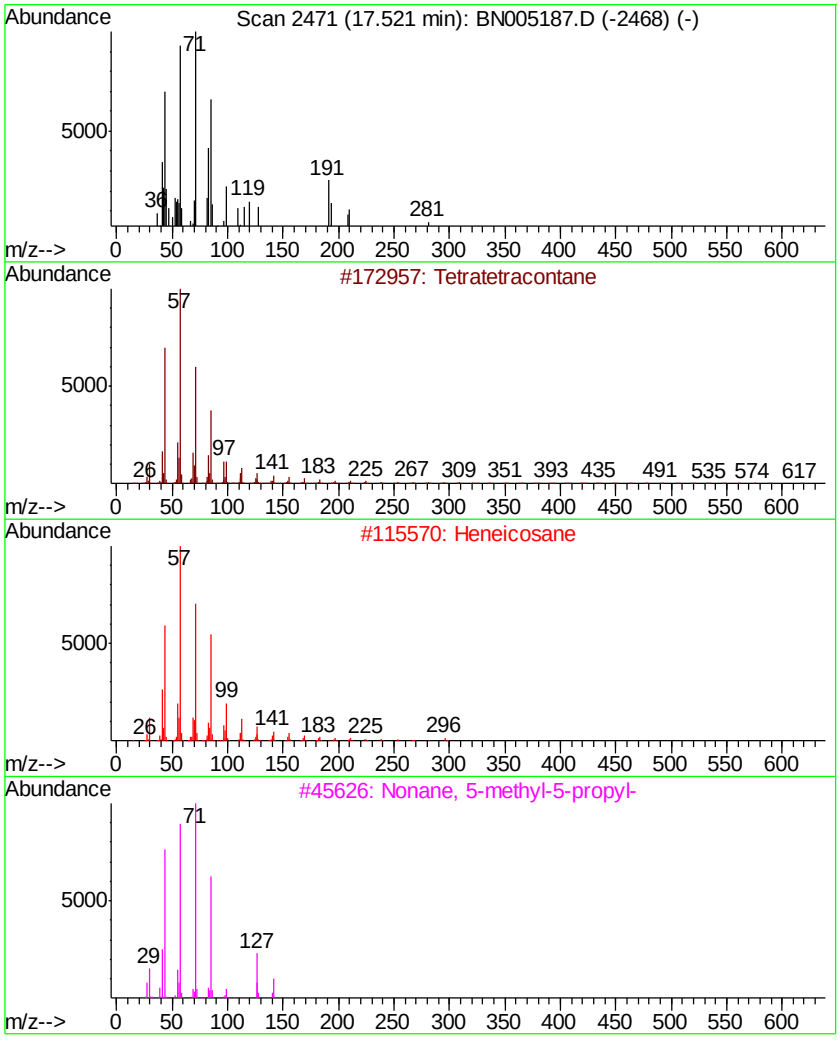
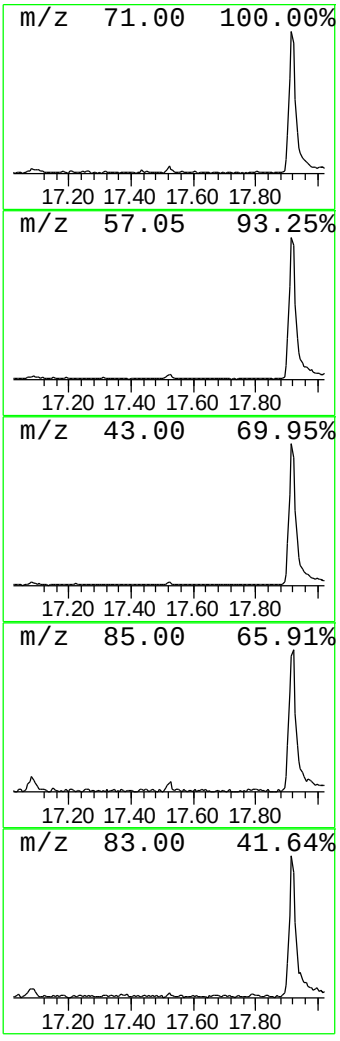
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	28.30 ng/ul	18145	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	50
2	Heneicosane	296	C21H44	000629-94-7	47
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	43
4	Octadecane	254	C18H38	000593-45-3	43
5	Octadecane	254	C18H38	000593-45-3	43





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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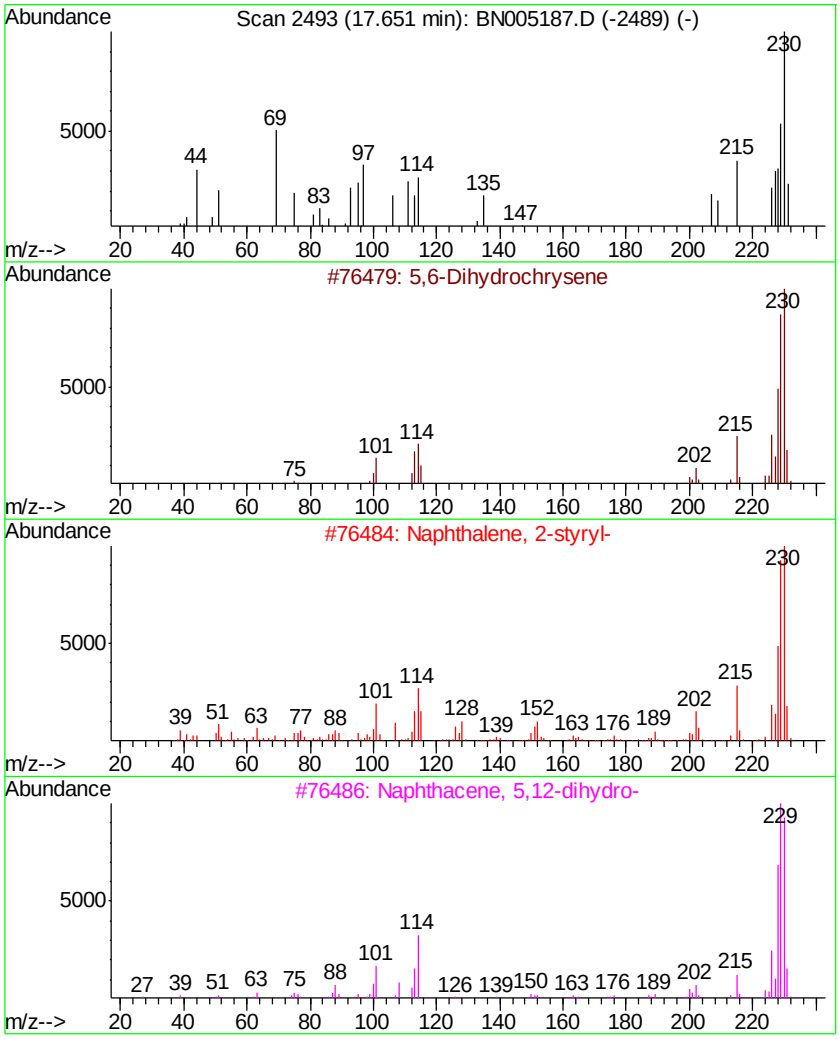
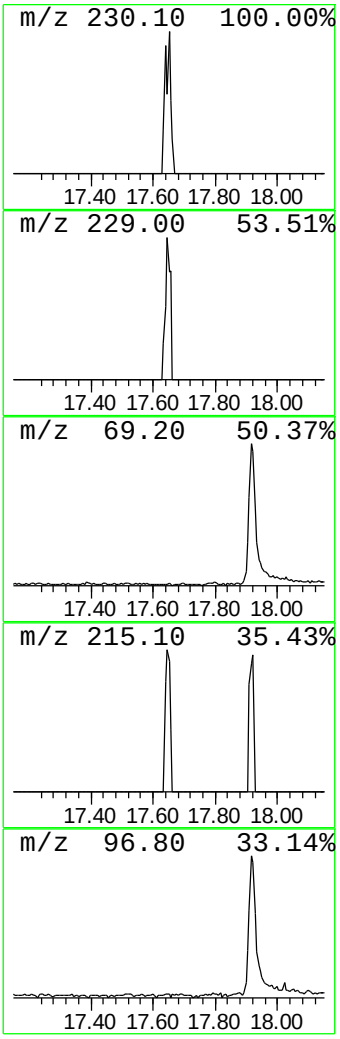
Peak Number 25 unknown-15 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	18.52 ng/ul	11878	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6-Dihydrochrysene	230	C18H14	002091-92-1	49
2	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	43
3	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	43
4	Benzoic acid, 4-(3,5-dimethyl-1-...	230	C13H14N2O2	312531-87-6	38
5	Thiazolidin-2-one, 3-(1-naphthyl)-	229	C13H11NOS	100727-14-8	35





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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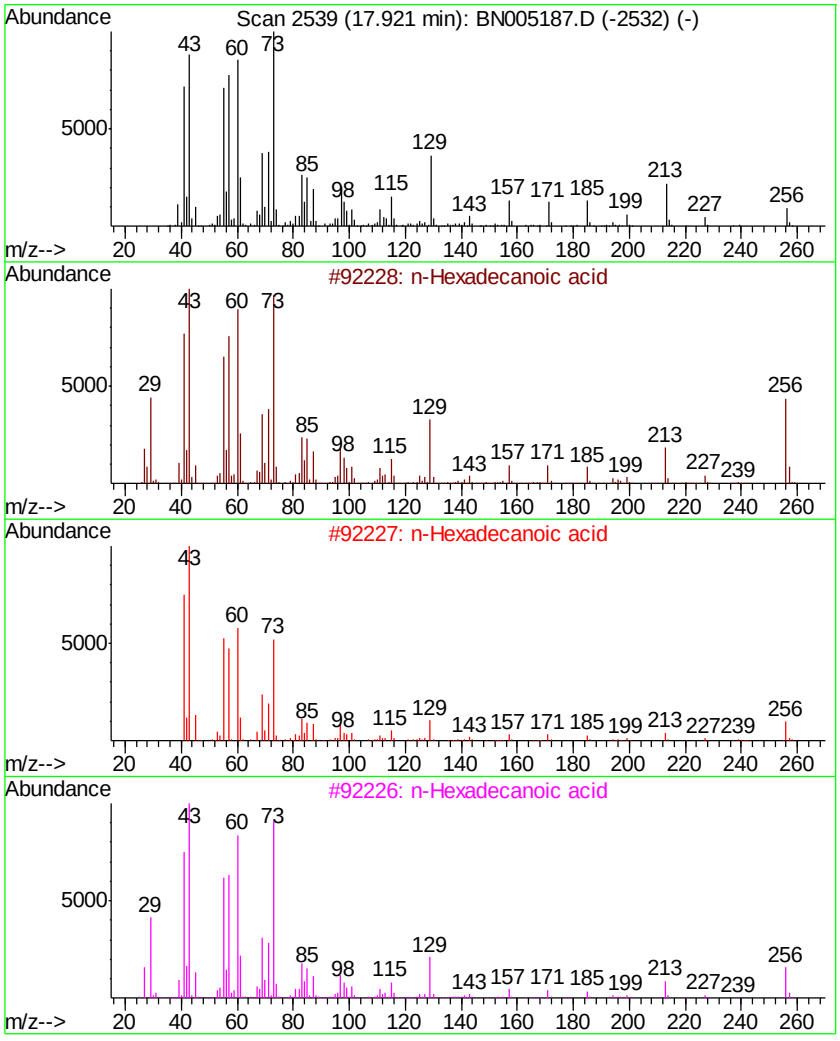
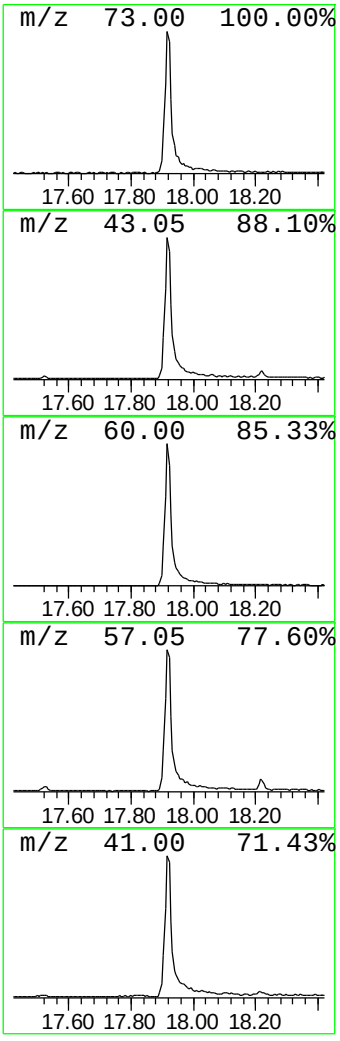
Peak Number 26 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4013.63 ng/ul	2573740	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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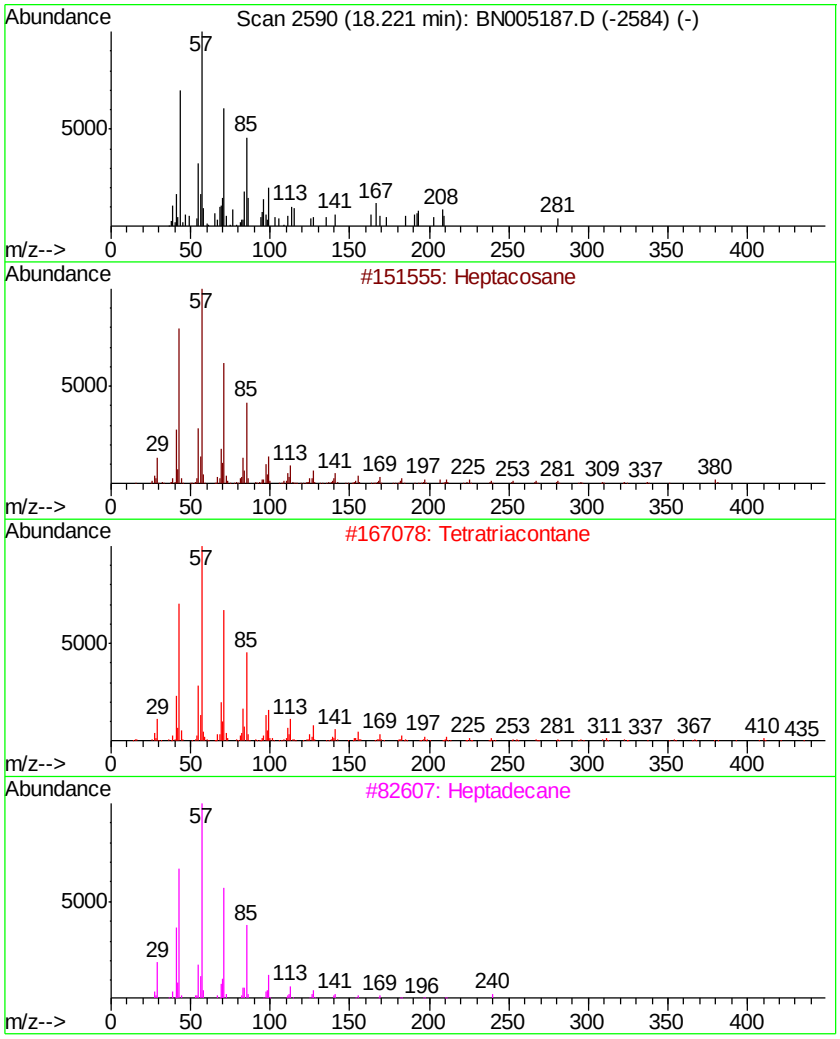
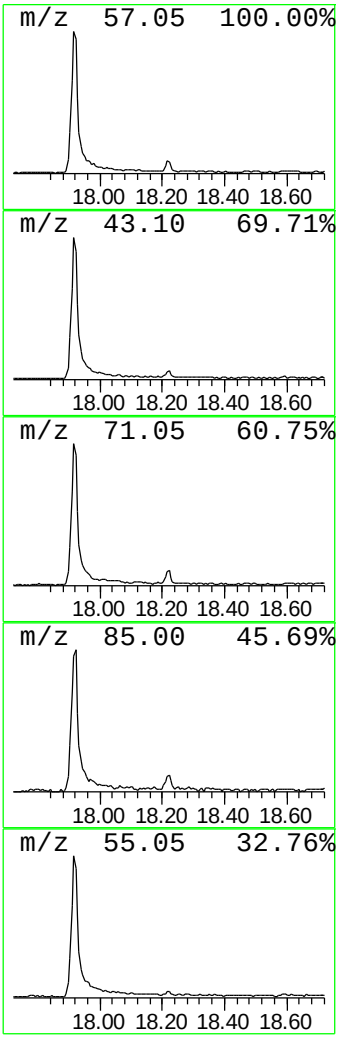
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	100.24 ng/ul	64279	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	74
2	Tetratriacontane	479	C34H70	014167-59-0	72
3	Heptadecane	240	C17H36	000629-78-7	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Octadecane	254	C18H38	000593-45-3	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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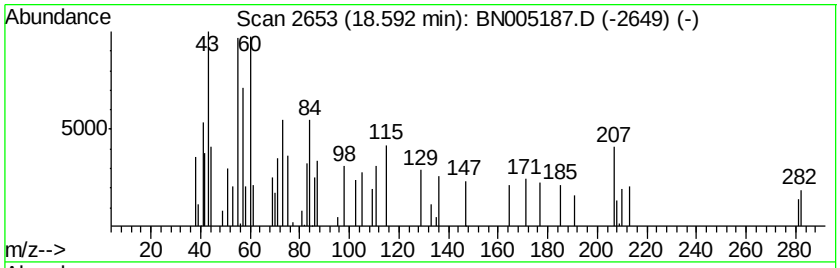
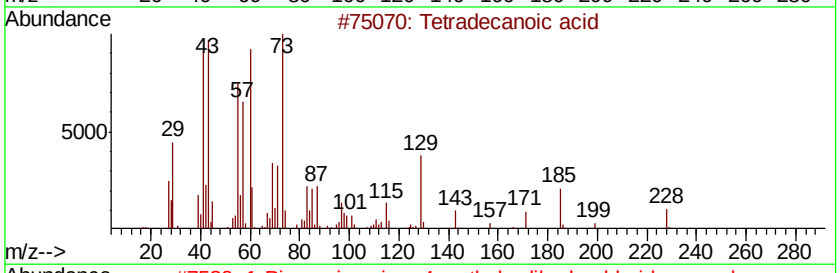
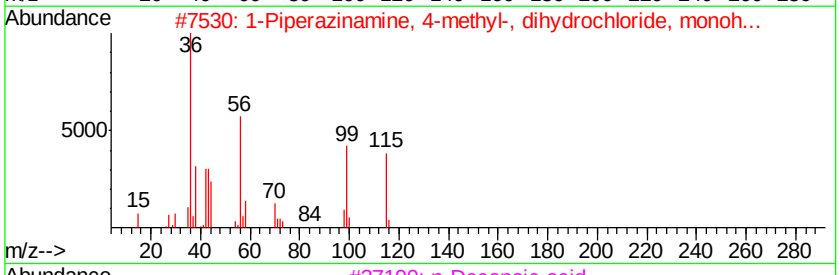
Peak Number 28 unknown-16 Concentration Rank 17

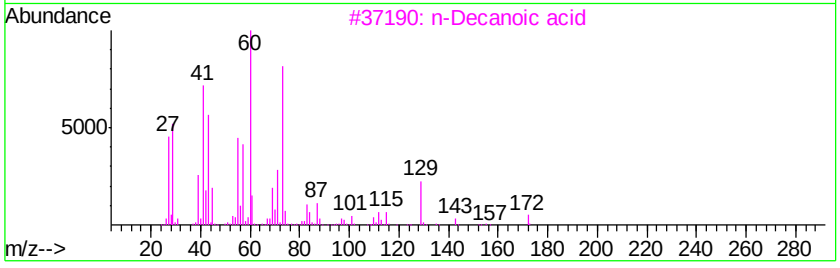
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	36.08 ng/ul	23138	Phenanthrene-d10	16.99

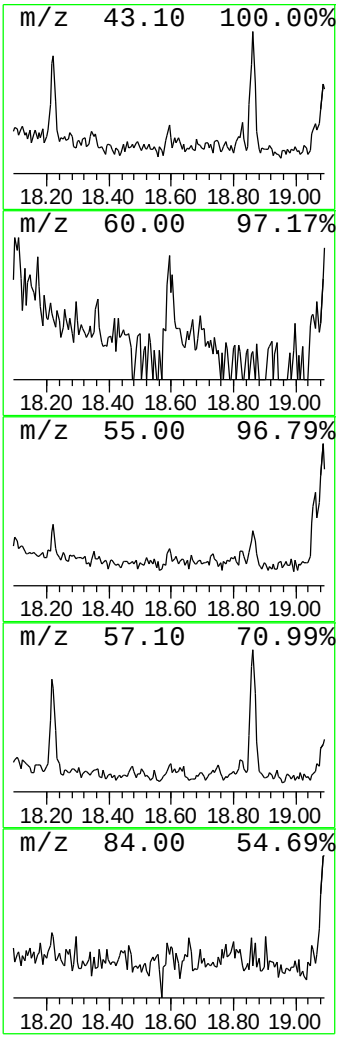
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	10
2	1-Piperazinamine, 4-methyl-, dih...	115	C5H13N3	065208-15-3	10
3	n-Decanoic acid	172	C10H20O2	000334-48-5	9
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	9
5	Fructose	180	C6H12O6	000057-48-7	9











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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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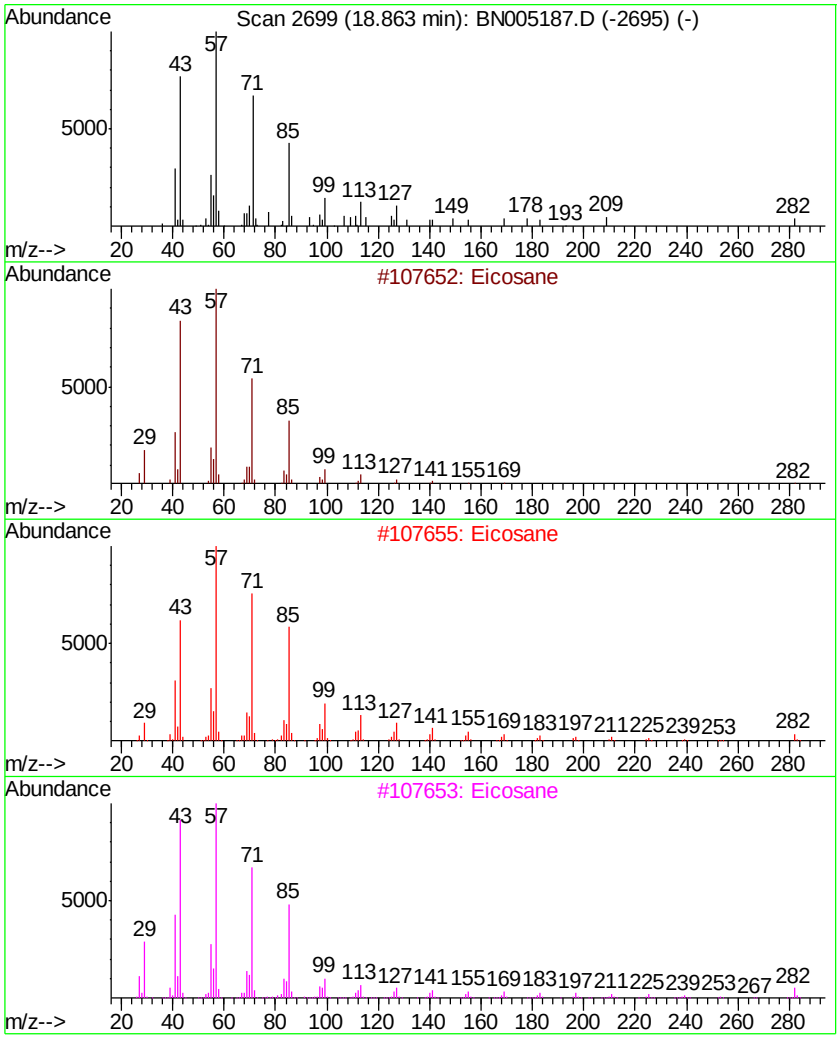
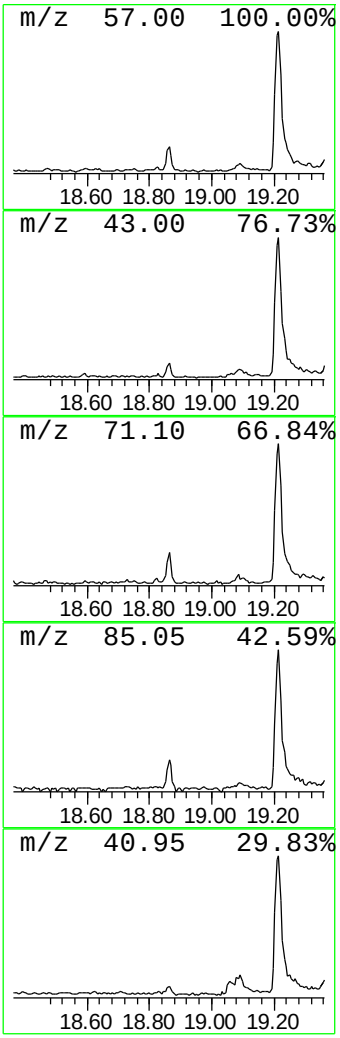
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	93.29 ng/ul	59823	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Eicosane	282	C20H42	000112-95-8	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octadecane	254	C18H38	000593-45-3	80





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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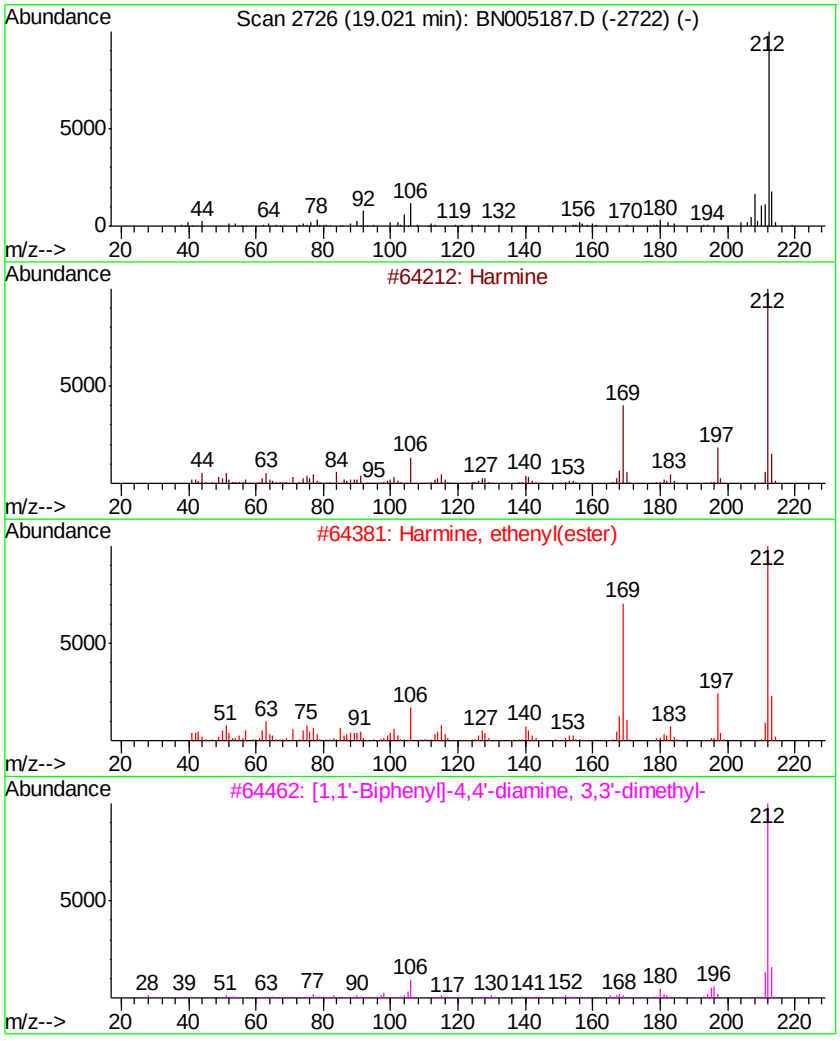
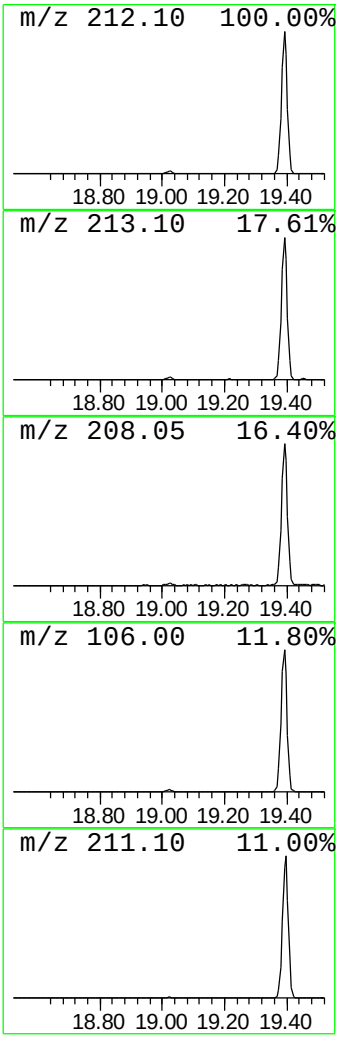
Peak Number 30 Harmine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	252.07 ng/ul	161640	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Harmine	212	C13H12N2O	000442-51-3	72
2	Harmine, ethenyl(ester)	212	C14H12O2	074797-84-5	59
3	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	59
4	9H-Pyrido(3,4-b)indole, 6-methox...	212	C13H12N2O	003589-72-8	59
5	2,3-Phenazinediol	212	C12H8N2O2	019220-18-9	59





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Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
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Instrument : BNA_N
ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

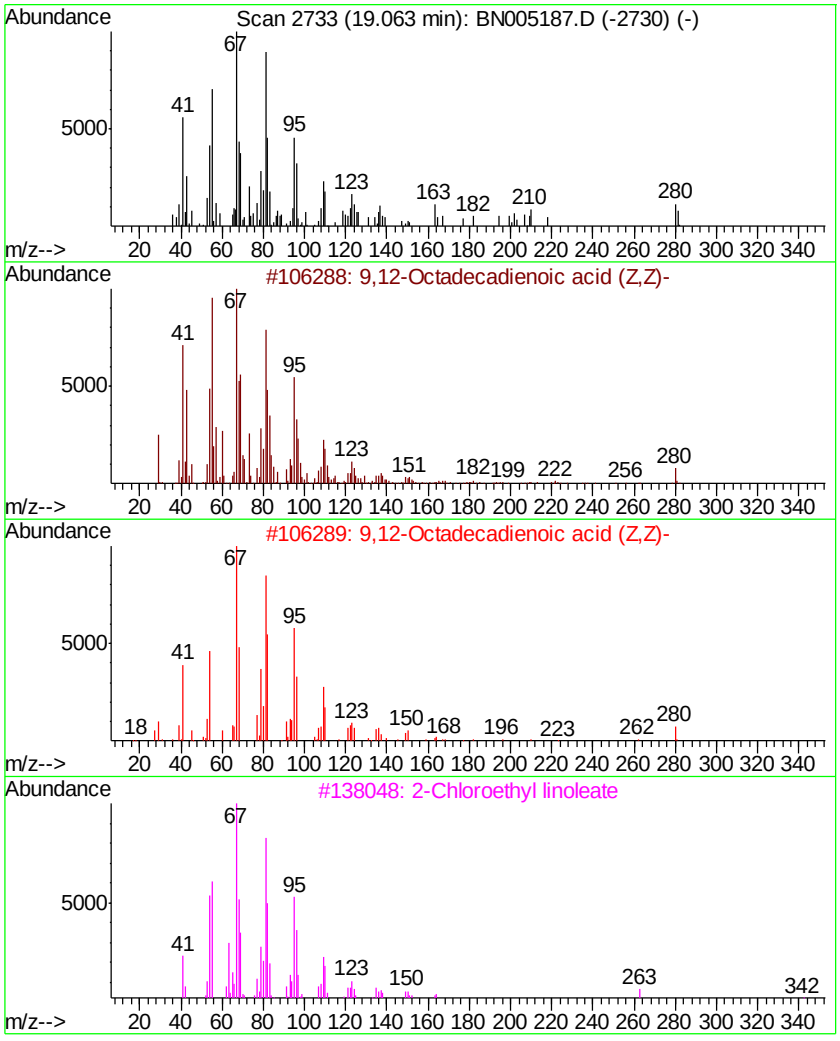
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

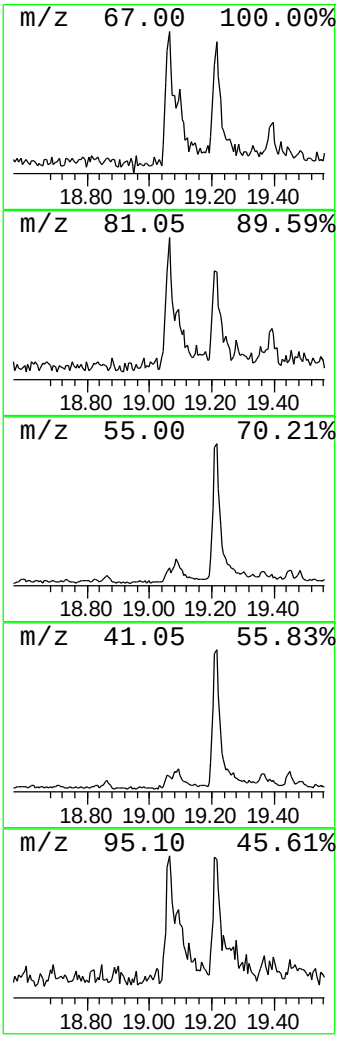
****

Peak Number 31 9,12-Octadecadienoic acid (... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	175.79 ng/ul	112728	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90
4	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	90
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	89





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ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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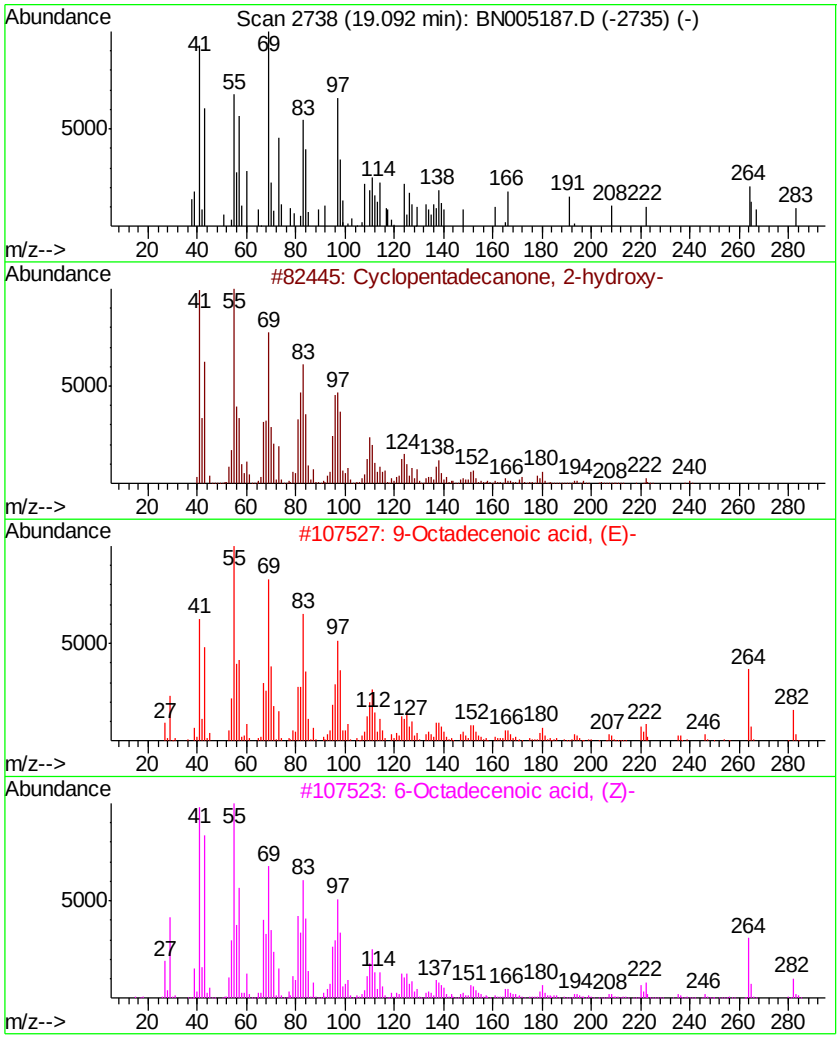
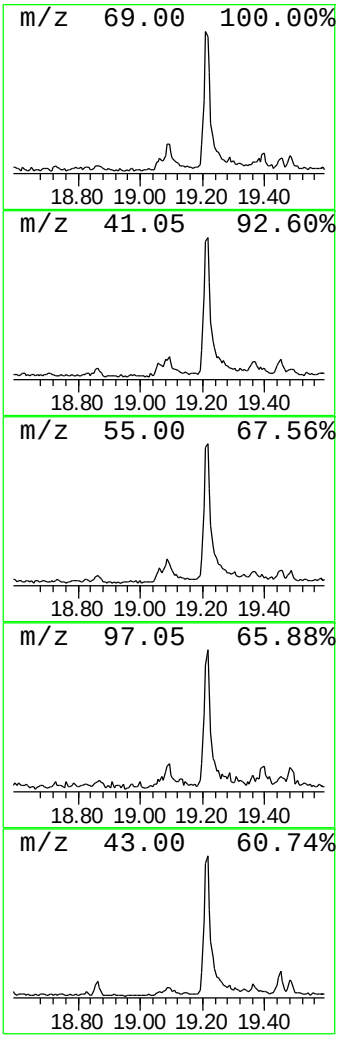
Peak Number 32 Cyclopentadecanone, 2-hydroxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	213.29 ng/ul	136772	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	80
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	78
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	64
4	2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-0	58
5	1-Decene	140	C10H20	000872-05-9	53





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Quant Title : SVOA CALIBRATION

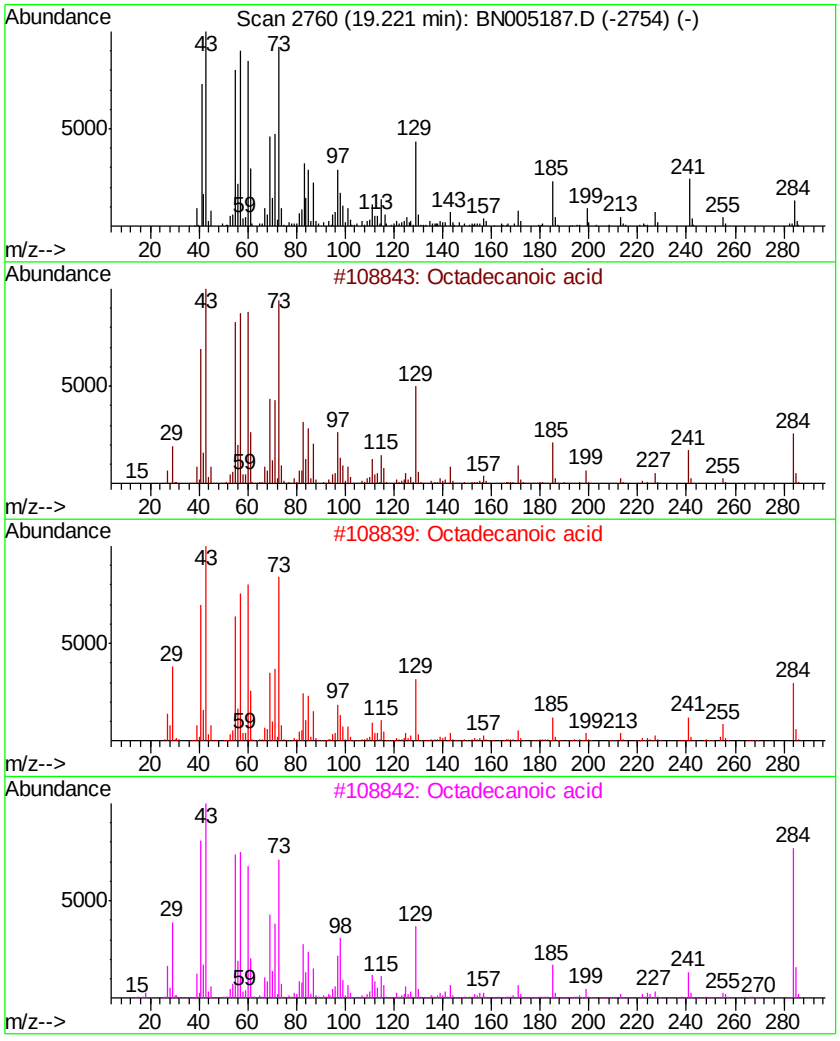
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

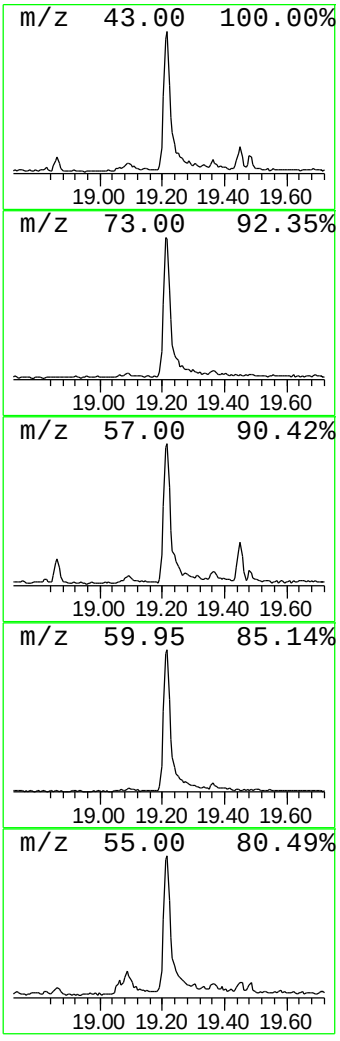
****

Peak Number 33 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	273.22 ng/ul	1364620	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Quant Title : SVOA CALIBRATION

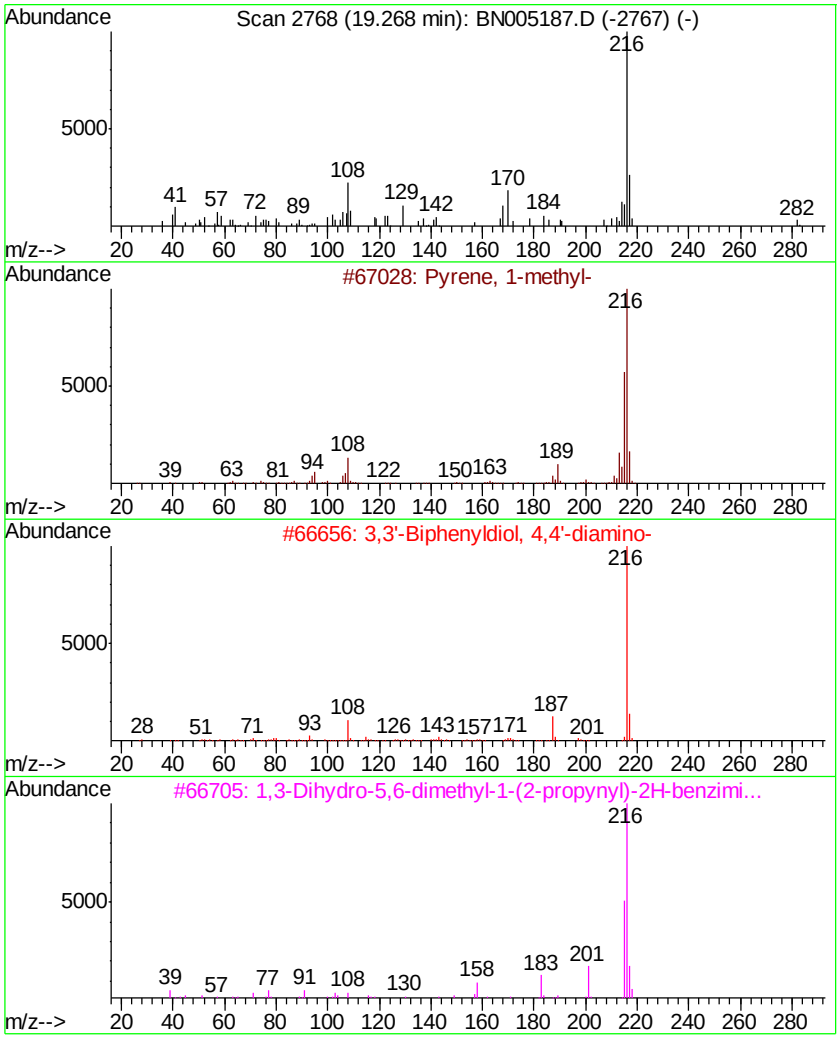
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

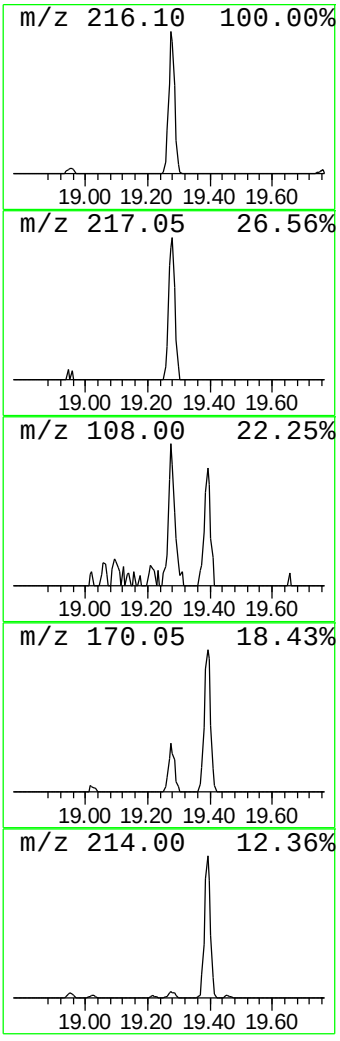
****

Peak Number 34 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	47.47 ng/ul	237100	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
2	3,3'-Biphenyldiol, 4,4'-diamino-	216	C12H12N2O2	002373-98-0	64
3	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	59
4	3,3'-Diamino-4,4'-biphenyldiol	216	C12H12N2O2	004194-40-5	59
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59





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Instrument : BNA_N
ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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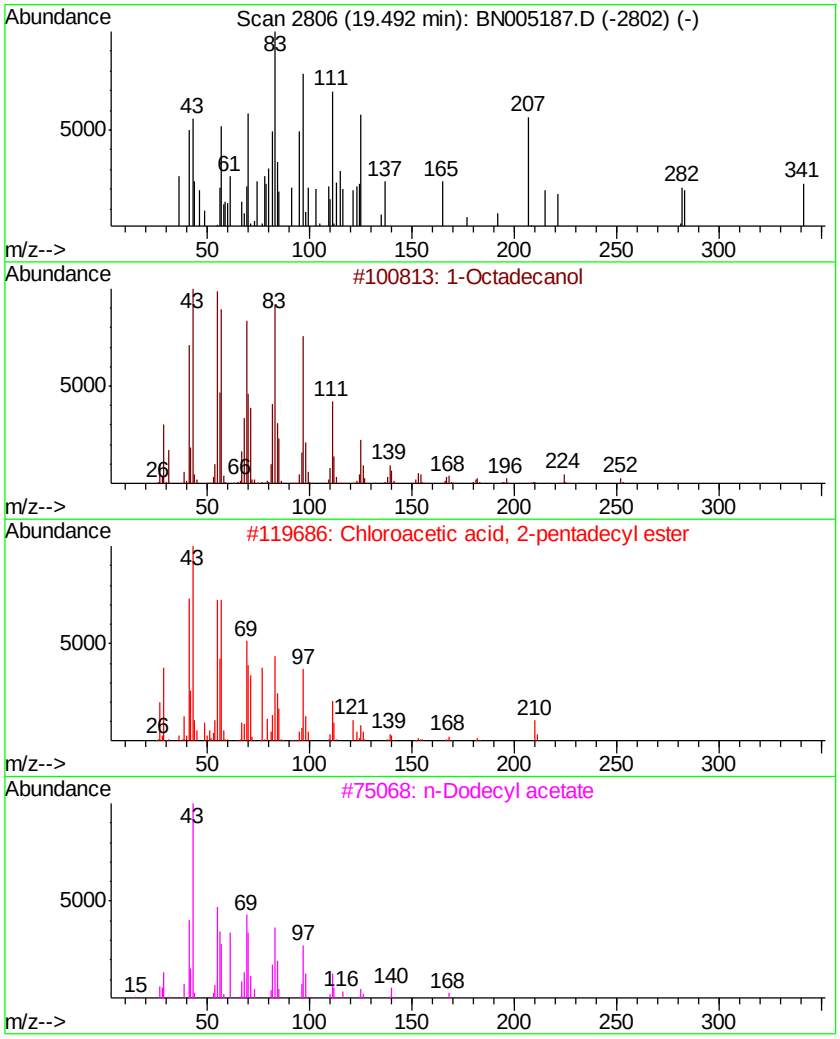
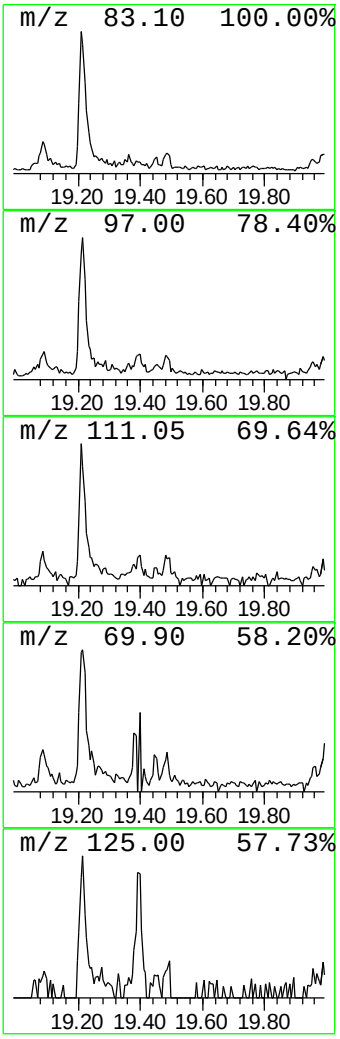
Peak Number 35 unknown-17 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	14.16 ng/ul	70740	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	43
2	Chloroacetic acid, 2-pentadecyl ...	304	C17H33ClO2	1000280-08-7	43
3	n-Dodecyl acetate	228	C14H28O2	000112-66-3	38
4	Acetic acid, decyl ester	200	C12H24O2	000112-17-4	38
5	Cyclohexadecane	224	C16H32	000295-65-8	35





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Sample : K2455-13
Misc :
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ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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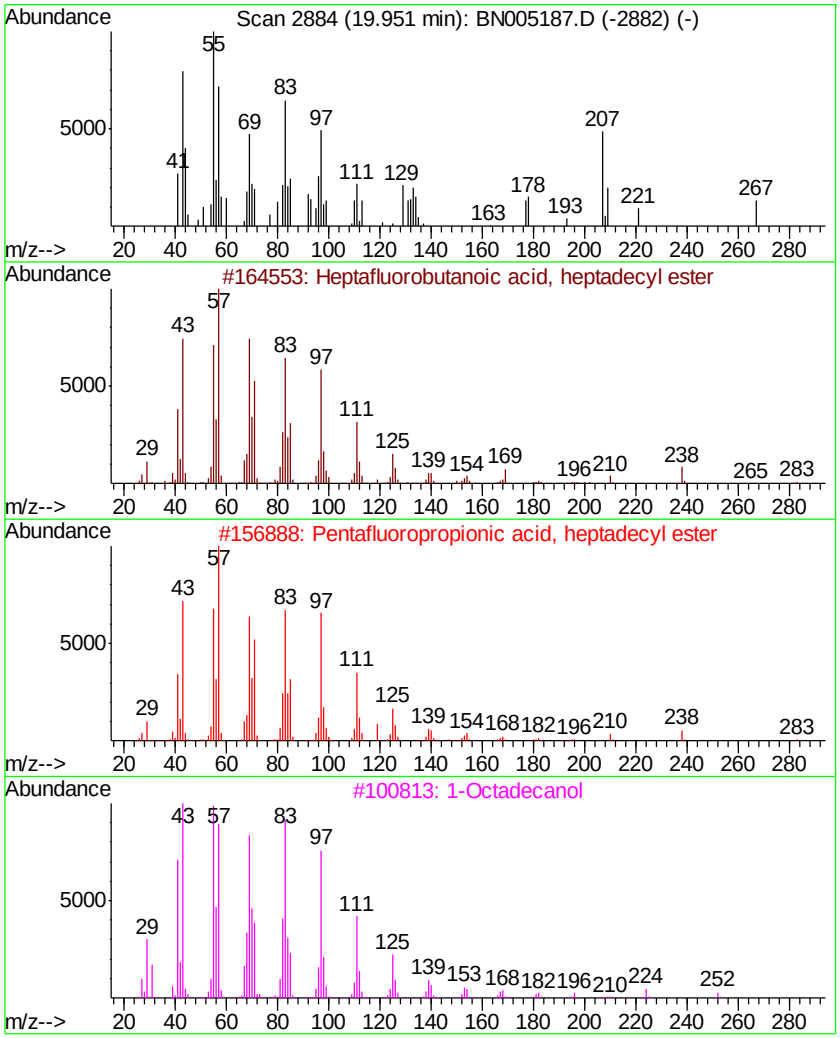
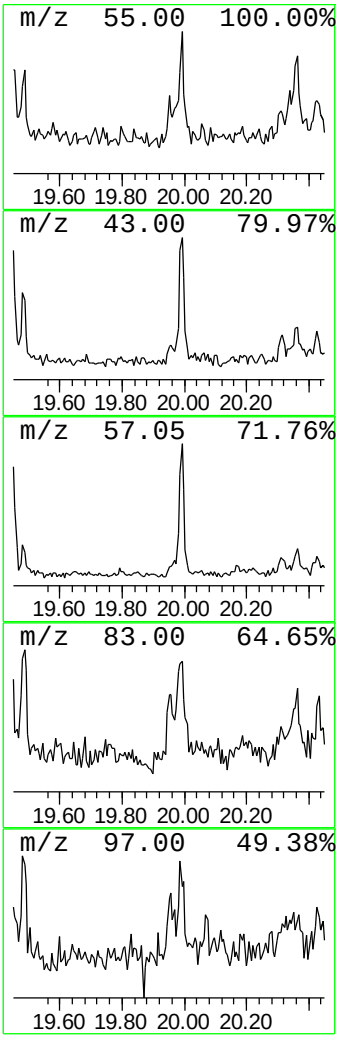
Peak Number 36 unknown-18 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	3.64 ng/ul	18185	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	46
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	43
3	1-Octadecanol	270	C18H38O	000112-92-5	43
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	43
5	17-Pentatriacontene	491	C35H70	006971-40-0	38





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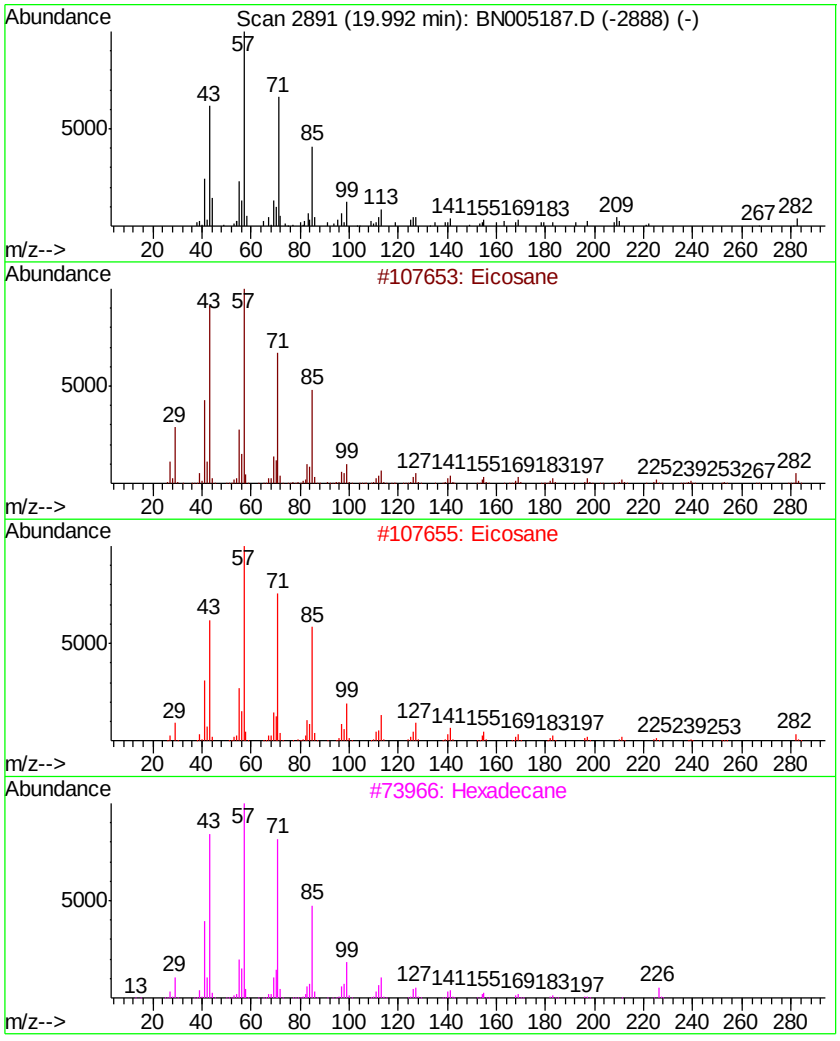
Quant Title : SVOA CALIBRATION

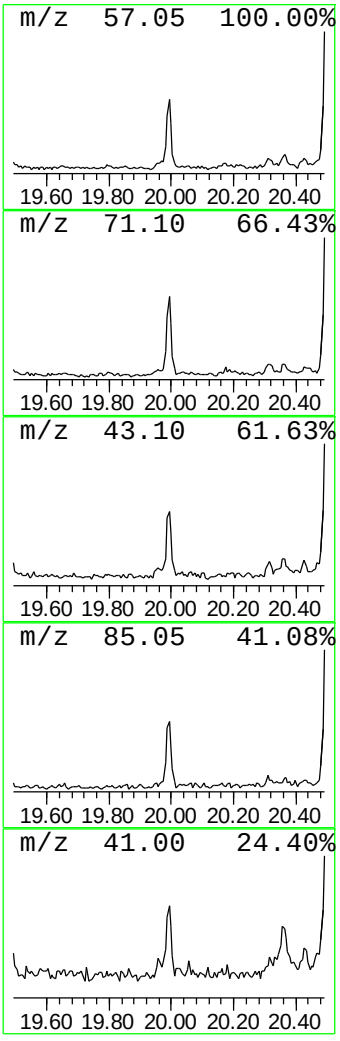
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	25.73 ng/ul	128510	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Tetracosane	338	C24H50	000646-31-1	83





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Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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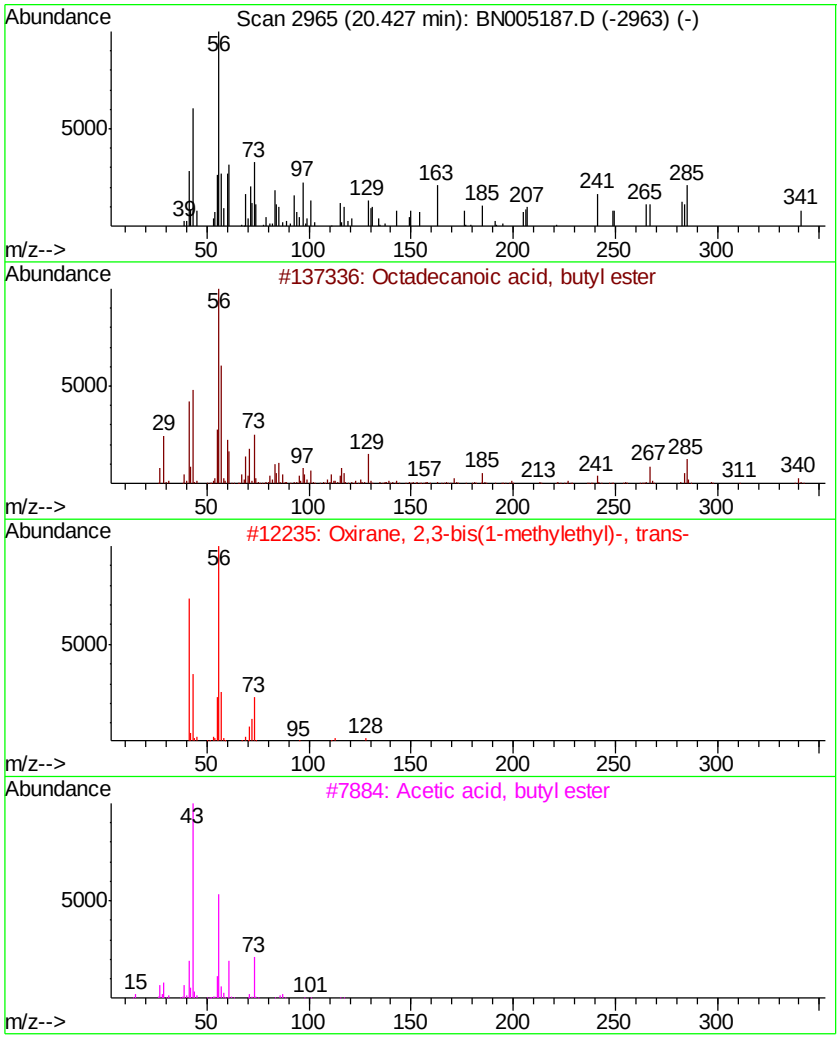
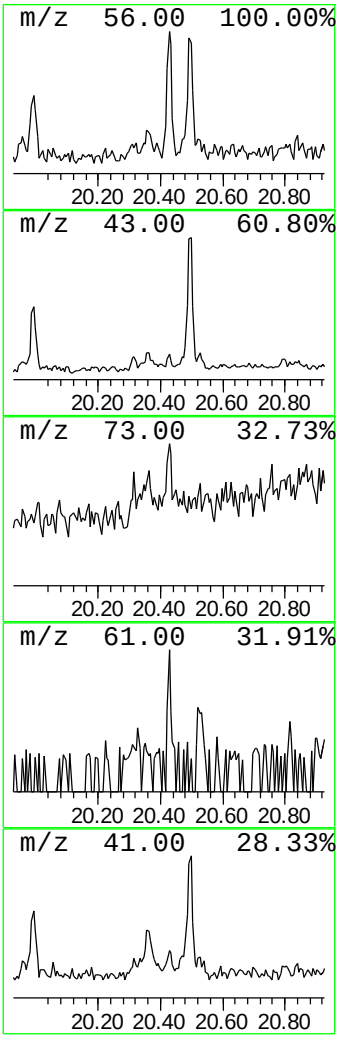
Peak Number 38 unknown-19 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	6.56 ng/ul	32784	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	38
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	35
3	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	32
4	Octanoic acid, hexyl ester	228	C14H28O2	001117-55-1	28
5	Octadecanoic acid	284	C18H36O2	000057-11-4	25





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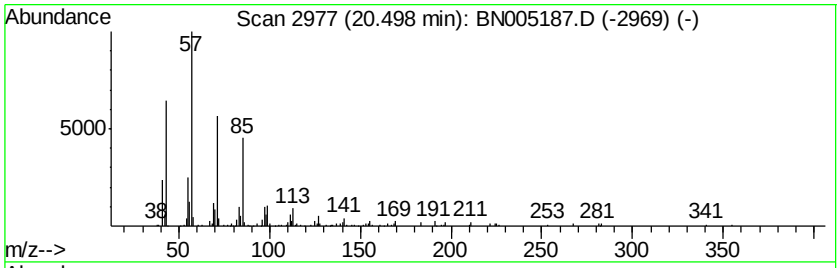
Quant Title : SVOA CALIBRATION

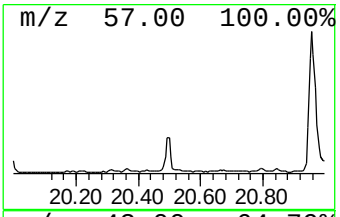
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

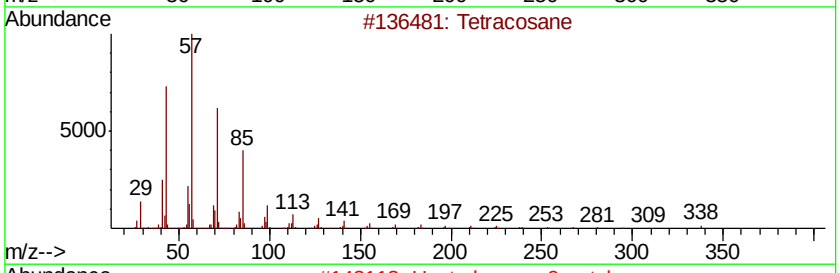
****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 14

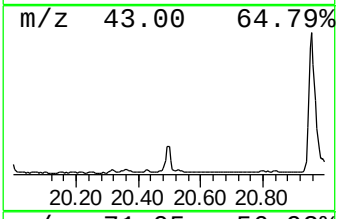
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	53.58 ng/ul	267588	Chrysene-d12	21.20

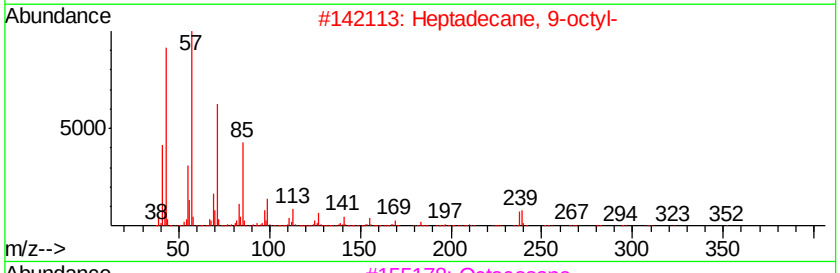
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Octadecane	254	C18H38	000593-45-3	90

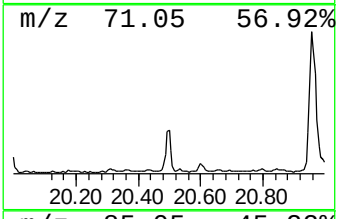


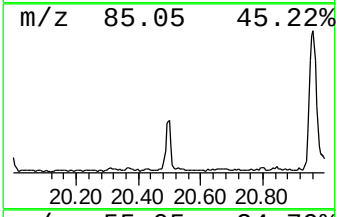


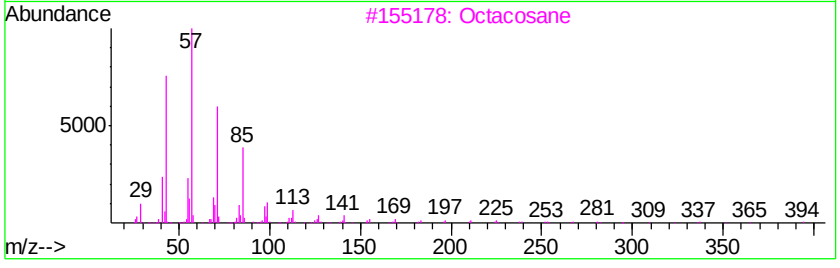


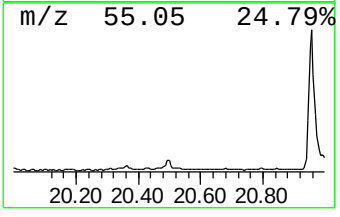












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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : GAHR3

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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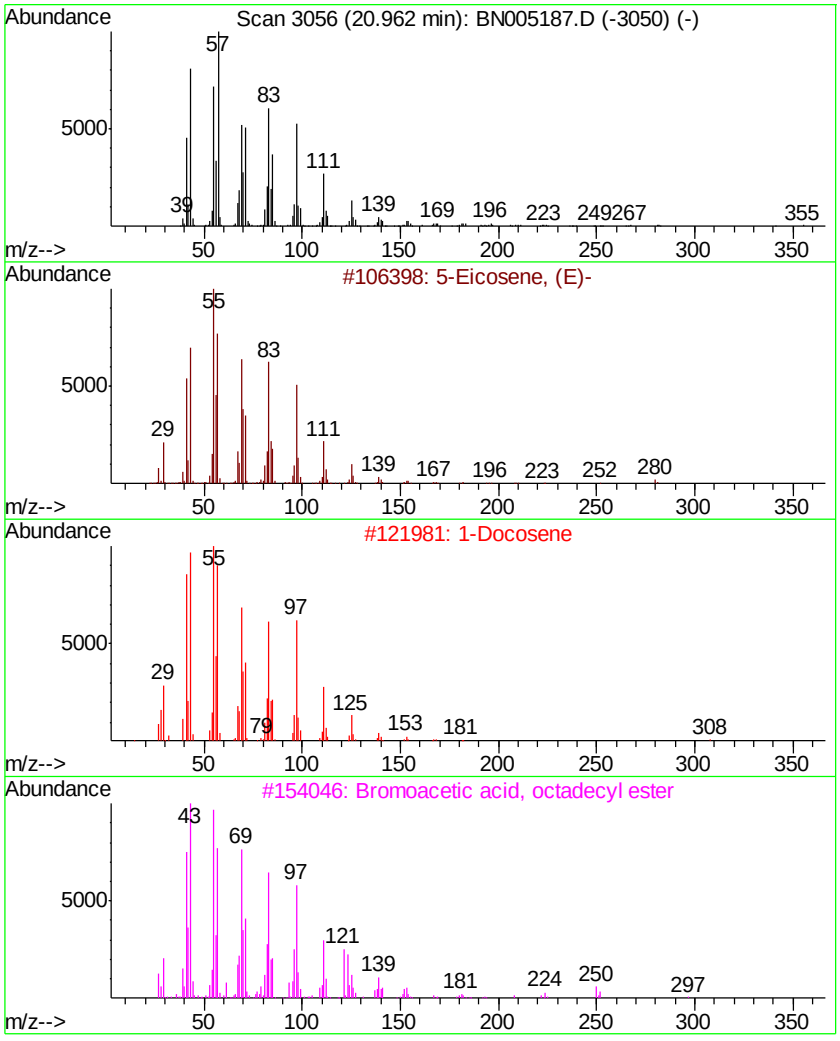
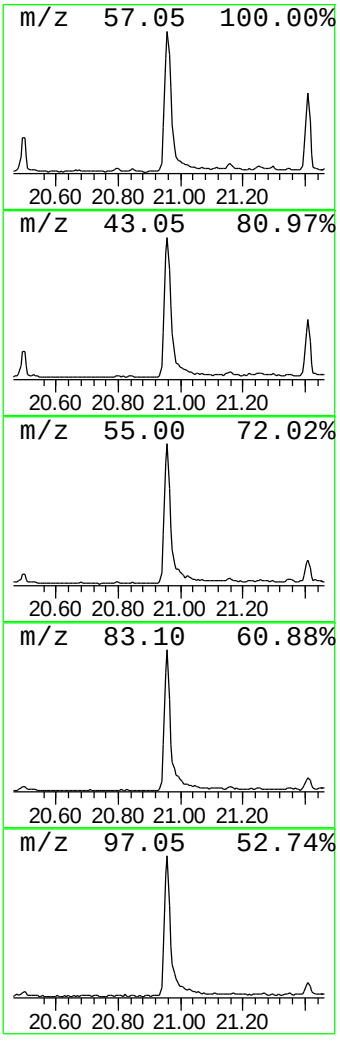
Peak Number 40 (DEL) Alkane: Cyclic20.96 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	591.63 ng/ul	2954970	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Docosene	308	C22H44	001599-67-3	94
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	11-Tricosene	322	C23H46	052078-56-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

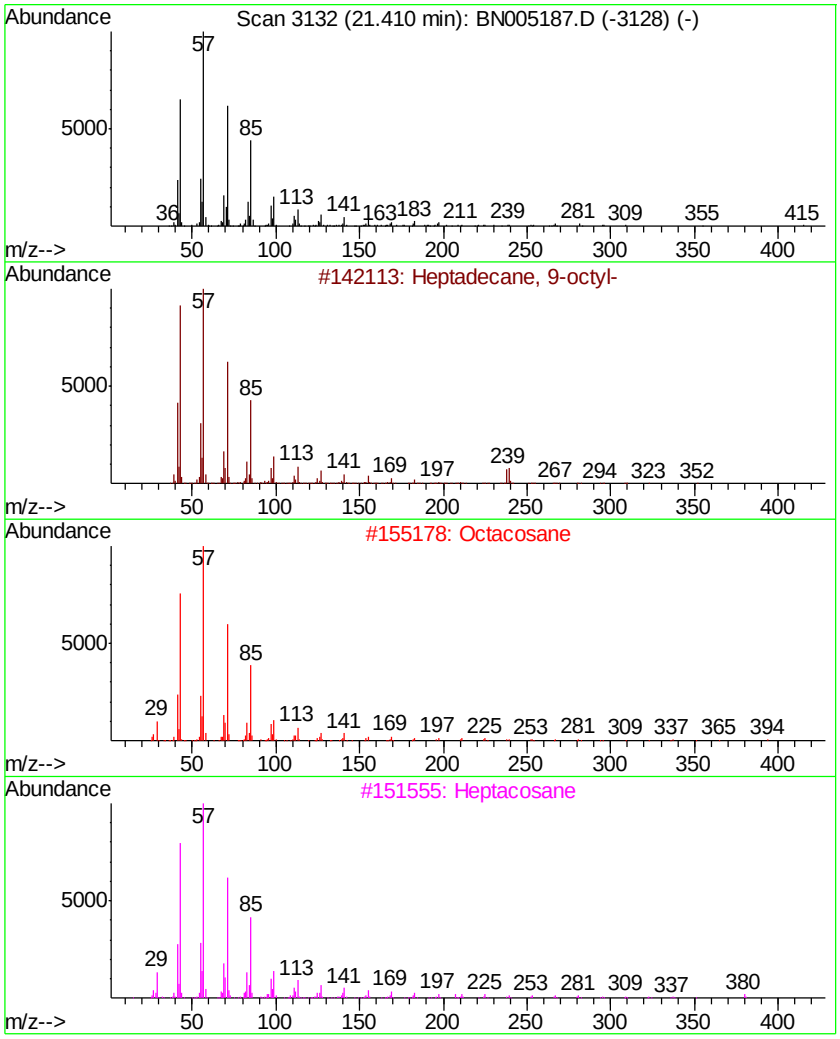
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

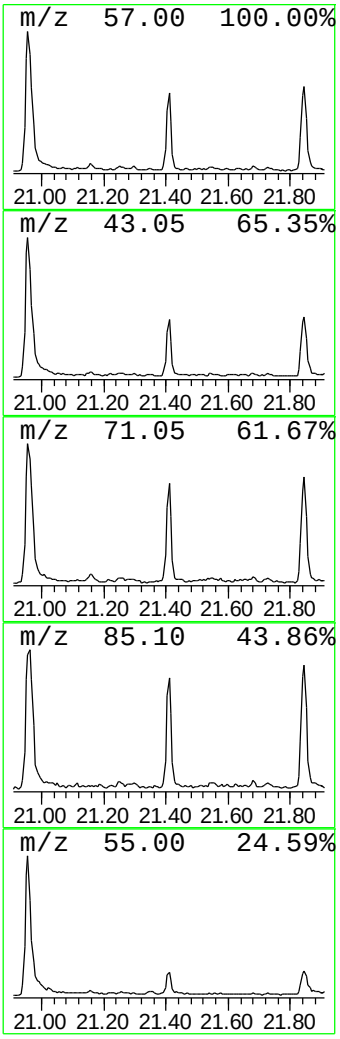
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	109.31 ng/ul	545938	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

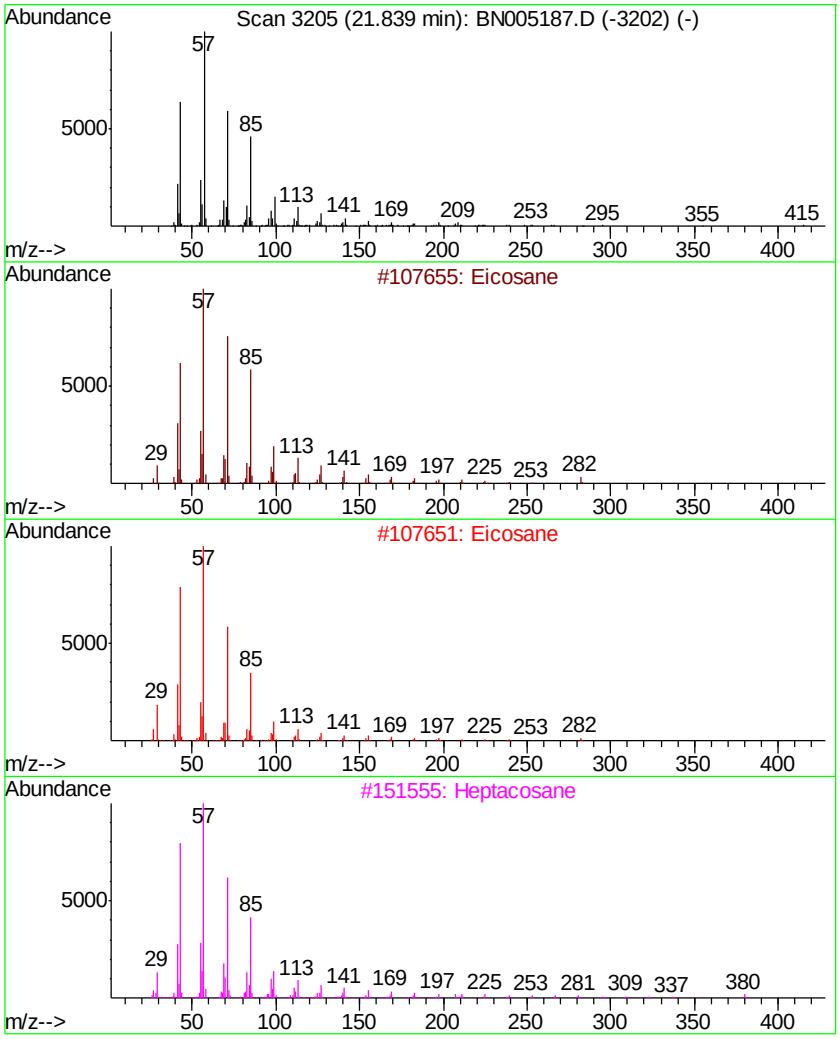
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

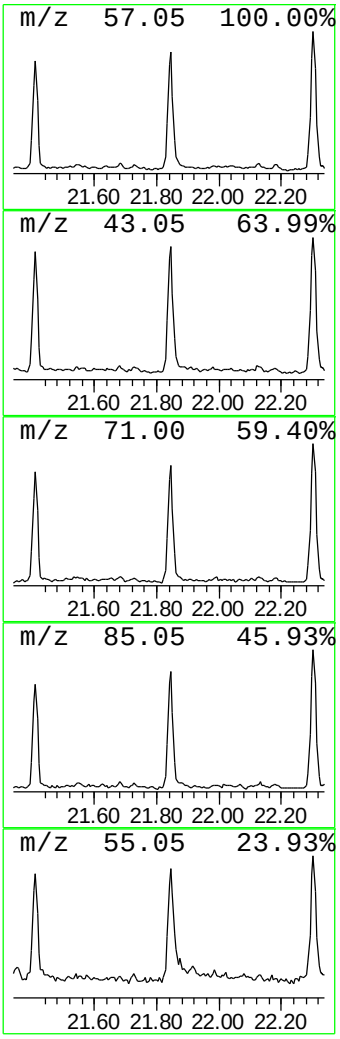
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	148.11 ng/ul	739759	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	95
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

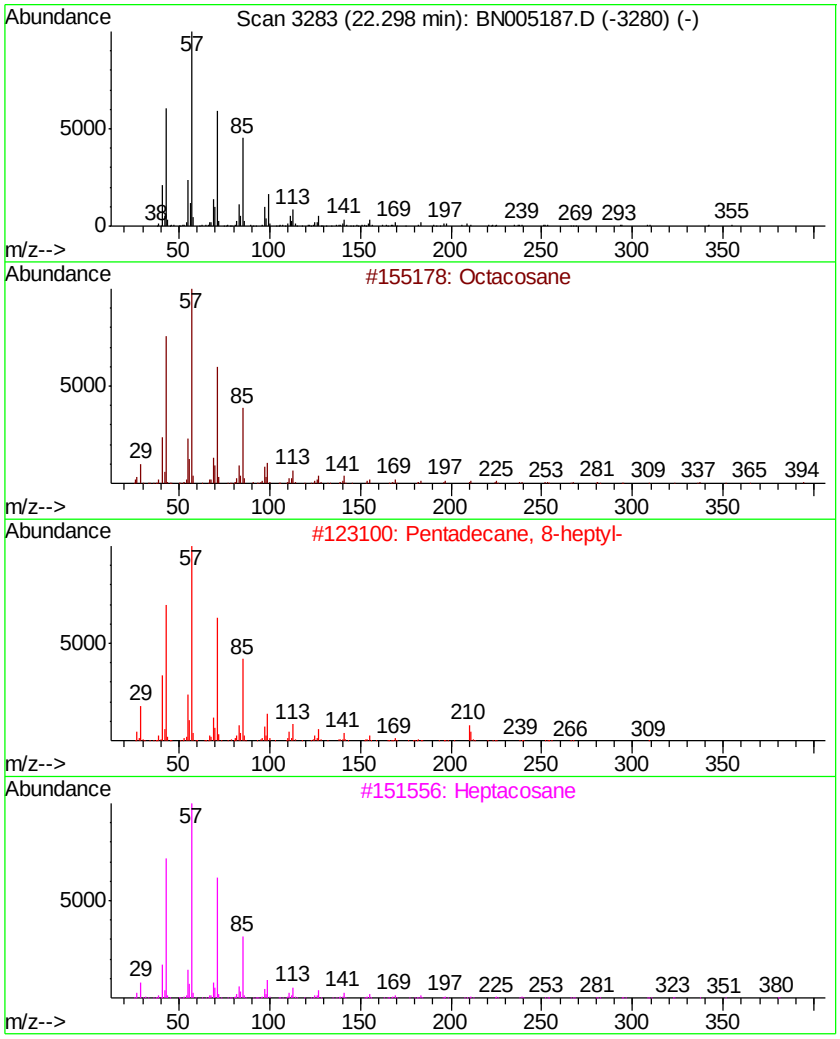
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

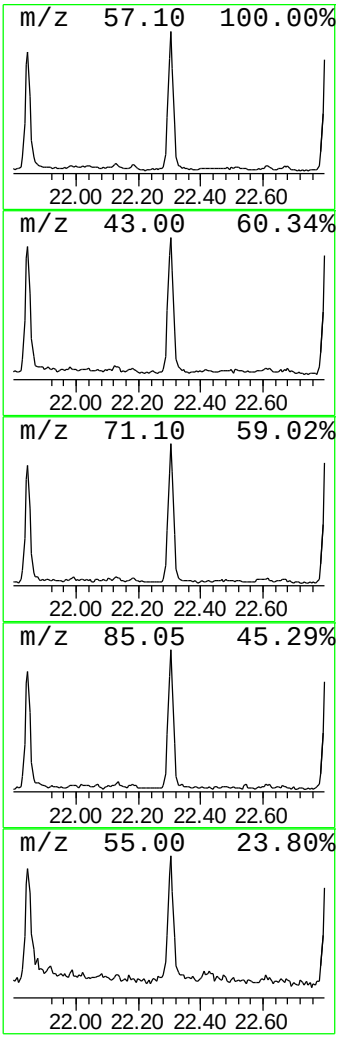
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	16.38 ng/ul	701292	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexatriacontane	507	C36H74	000630-06-8	90





Library Search Compound Report

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Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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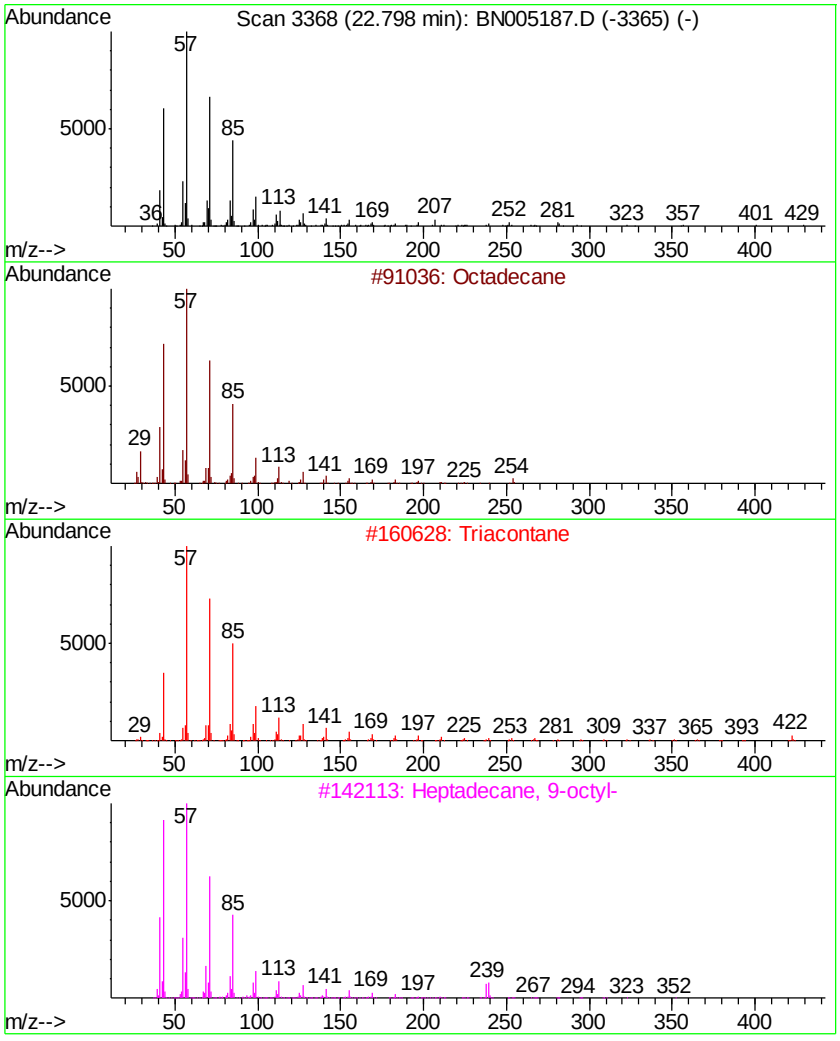
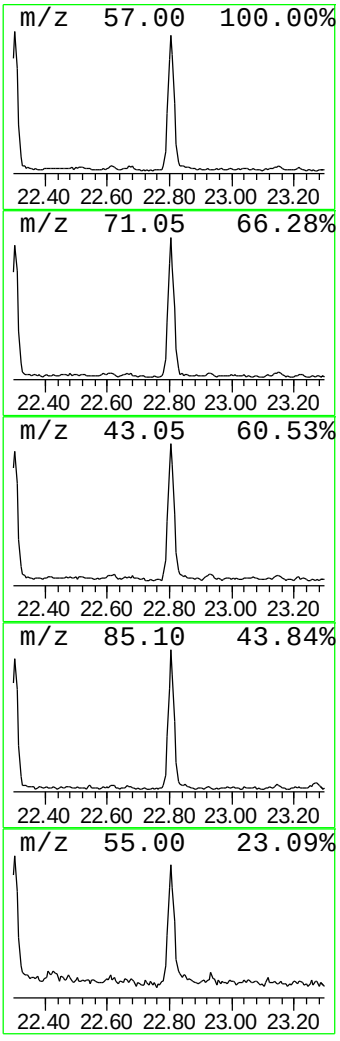
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	18.64 ng/ul	797936	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Triacontane	422	C30H62	000638-68-6	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

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Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

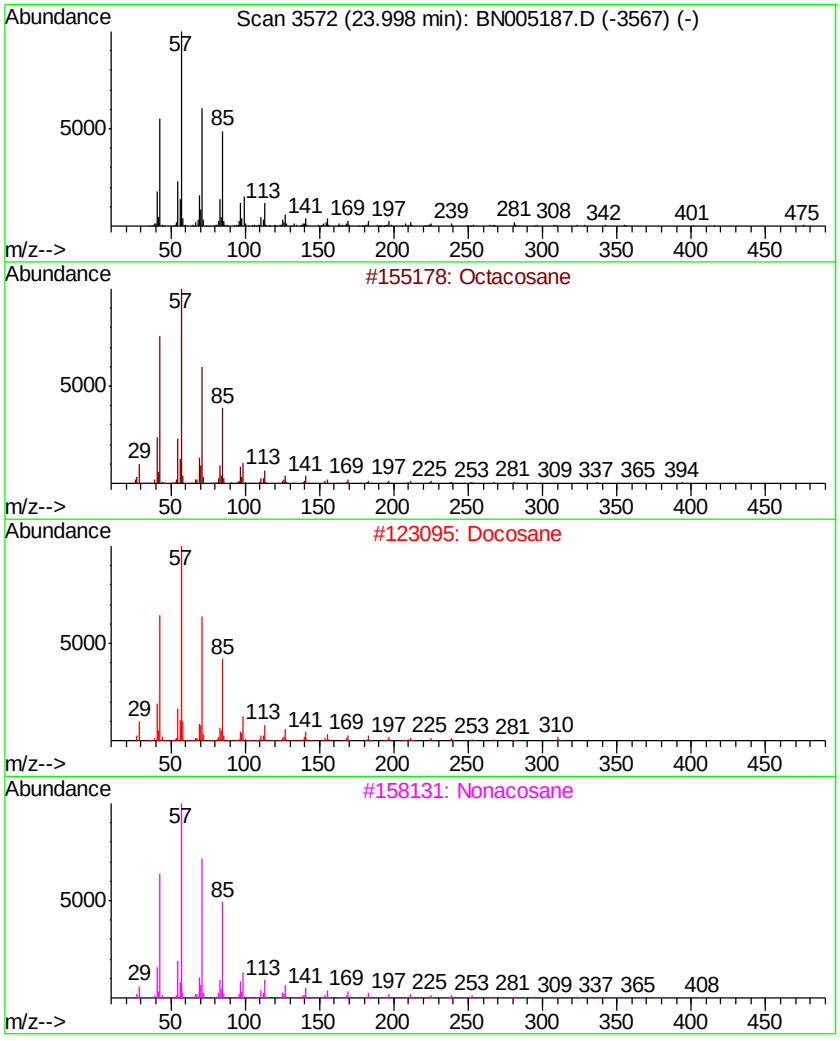
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

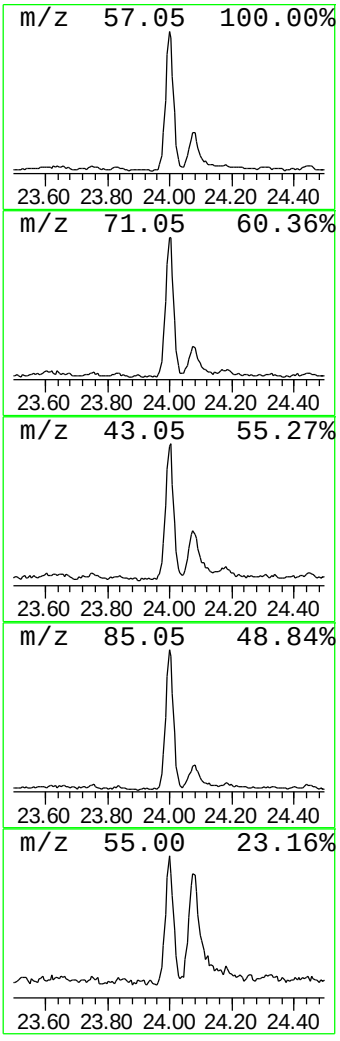
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	19.15 ng/ul	819876	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Docosane	310	C22H46	000629-97-0	90
3	Nonacosane	408	C29H60	000630-03-5	90
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

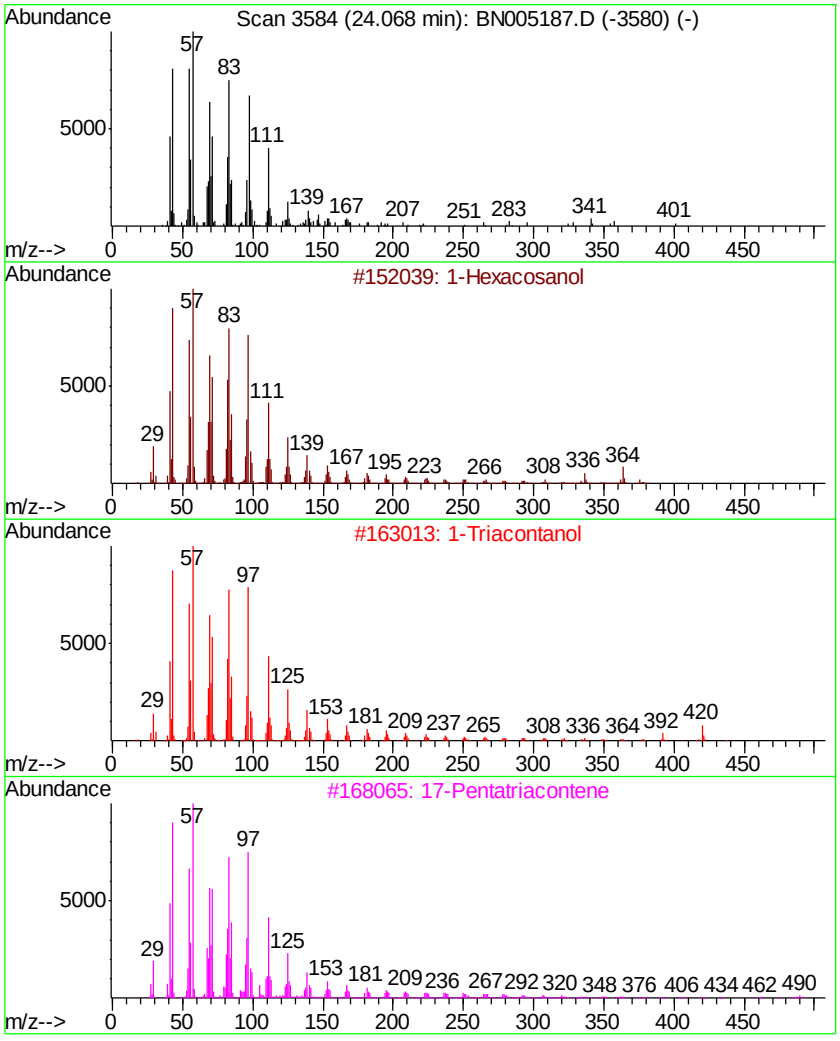
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

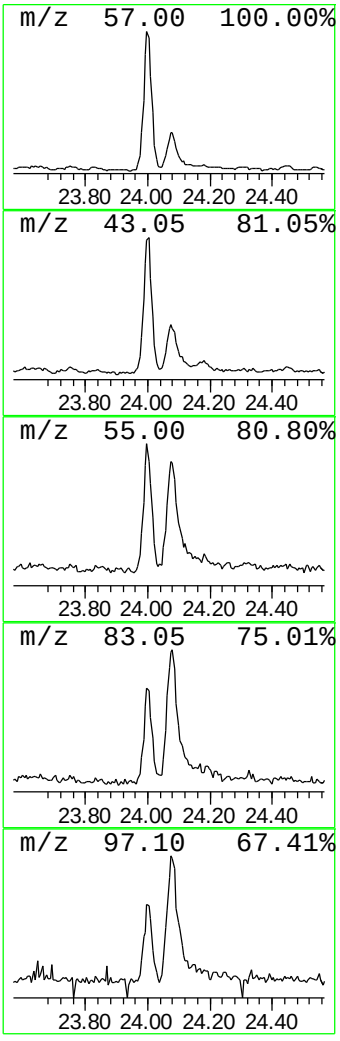
****

Peak Number 46 1-Hexacosanol Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	12.68 ng/ul	542917	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	91
2	1-Triacontanol	438	C30H62O	000593-50-0	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	1-Tricosene	322	C23H46	018835-32-0	87
5	17-Pentatriacontene	491	C35H70	006971-40-0	87





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Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

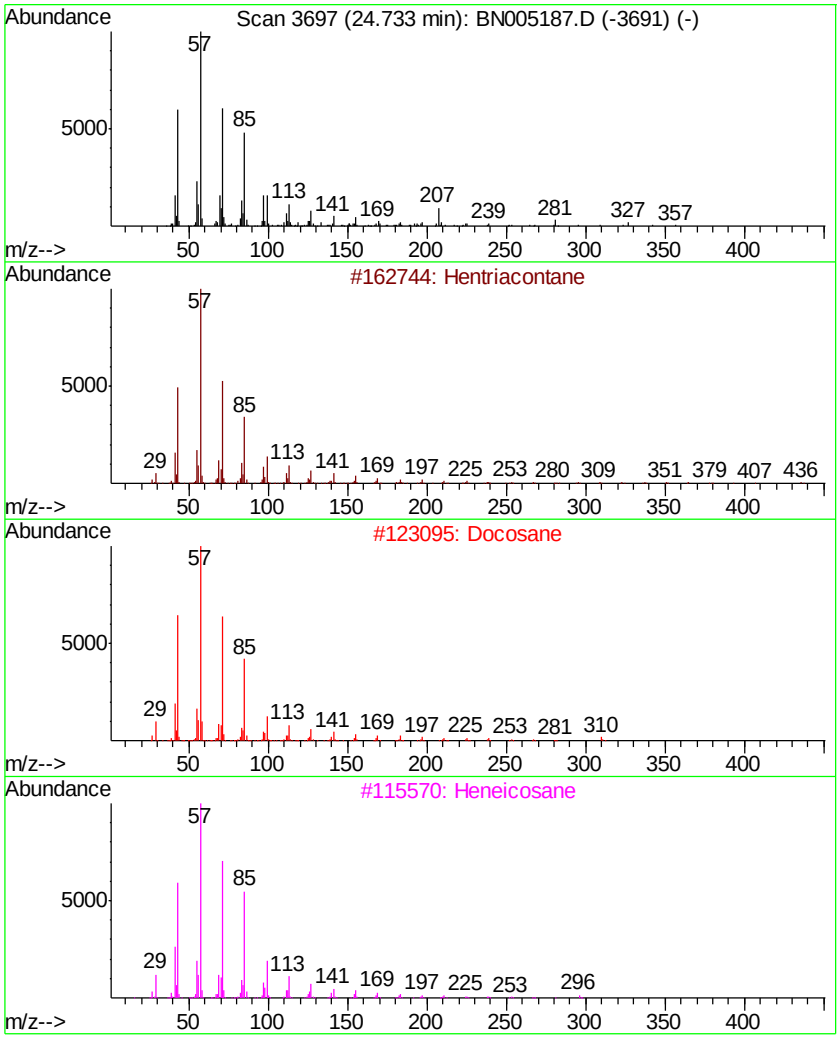
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

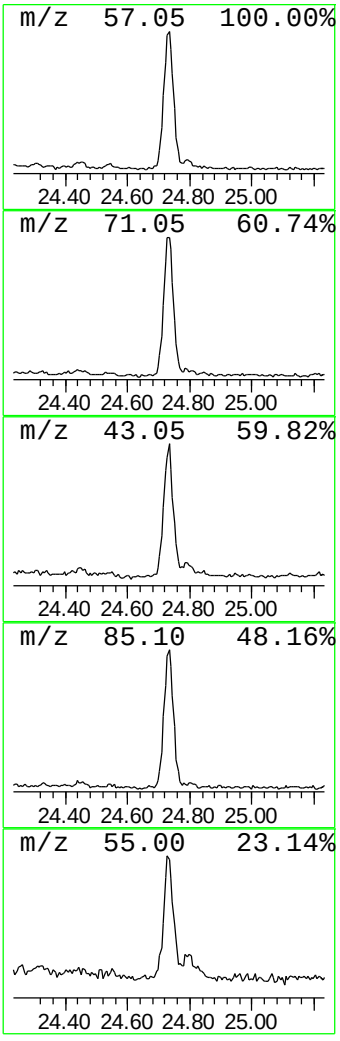
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	15.69 ng/ul	671959	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Docosane	310	C22H46	000629-97-0	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005187.D
Acq On : 22 Apr 2019 22:44
Operator : JU/SJ
Sample : K2455-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2-bromo-...	4.00	7.2	ng/ul	26220	1	7.59	72678	20.0
unknown-01	4.79	3.9	ng/ul	13982	1	7.59	72678	20.0
unknown-02	4.86	5.5	ng/ul	19930	1	7.59	72678	20.0
unknown-03	5.73	8.2	ng/ul	29811	1	7.59	72678	20.0
unknown-04	6.28	3.5	ng/ul	12678	1	7.59	72678	20.0
unknown-05	6.60	4.9	ng/ul	17726	1	7.59	72678	20.0
1-Pentanol, 2-eth...	7.67	20.0	ng/ul	72678	1	7.59	72678	20.0
unknown-06	8.92	3.5	ng/ul	12762	1	7.59	72678	20.0
unknown-07	12.85	10.7	ng/ul	11887	3	14.23	22262	20.0
unknown-08	12.96	14.4	ng/ul	16023	3	14.23	22262	20.0
unknown-09	13.07	21.1	ng/ul	23458	3	14.23	22262	20.0
2-Ethylhexyl merc...	13.46	32.2	ng/ul	35880	3	14.23	22262	20.0
(DEL) Alkane: Str...	14.16	18.7	ng/ul	20856	3	14.23	22262	20.0
unknown-10	14.67	26.3	ng/ul	29258	3	14.23	22262	20.0
unknown-11	14.86	14.1	ng/ul	15679	3	14.23	22262	20.0
unknown-12	15.47	101.2	ng/ul	112601	3	14.23	22262	20.0
Octadecane, 1-iodo-	15.99	19.8	ng/ul	12673	4	16.99	12825	20.0
unknown-13	16.02	80.2	ng/ul	51453	4	16.99	12825	20.0
unknown-14	16.41	38.0	ng/ul	24387	4	16.99	12825	20.0
(DEL) Alkane: Str...	16.78	70.5	ng/ul	45174	4	16.99	12825	20.0
(DEL) Alkane: Str...	17.52	28.3	ng/ul	18145	4	16.99	12825	20.0
unknown-15	17.65	18.5	ng/ul	11878	4	16.99	12825	20.0
n-Hexadecanoic acid	17.92	4013.6	ng/ul	2573740	4	16.99	12825	20.0
(DEL) Alkane: Str...	18.22	100.2	ng/ul	64279	4	16.99	12825	20.0
unknown-16	18.59	36.1	ng/ul	23138	4	16.99	12825	20.0
(DEL) Alkane: Str...	18.86	93.3	ng/ul	59823	4	16.99	12825	20.0
Harmine	19.02	252.1	ng/ul	161640	4	16.99	12825	20.0
9,12-Octadecadien...	19.06	175.8	ng/ul	112728	4	16.99	12825	20.0
Cyclopentadecanon...	19.09	213.3	ng/ul	136772	4	16.99	12825	20.0
Octadecanoic acid	19.22	273.2	ng/ul	1364620	5	21.20	99892	20.0
Pyrene, 1-methyl-	19.27	47.5	ng/ul	237100	5	21.20	99892	20.0
unknown-17	19.49	14.2	ng/ul	70740	5	21.20	99892	20.0
unknown-18	19.95	3.6	ng/ul	18185	5	21.20	99892	20.0
(DEL) Alkane: Str...	19.99	25.7	ng/ul	128510	5	21.20	99892	20.0
unknown-19	20.43	6.6	ng/ul	32784	5	21.20	99892	20.0
(DEL) Alkane: Str...	20.50	53.6	ng/ul	267588	5	21.20	99892	20.0
(DEL) Alkane: Cyc...	20.96	591.6	ng/ul	2954970	5	21.20	99892	20.0
(DEL) Alkane: Str...	21.41	109.3	ng/ul	545938	5	21.20	99892	20.0
(DEL) Alkane: Str...	21.84	148.1	ng/ul	739759	5	21.20	99892	20.0
(DEL) Alkane: Str...	22.30	16.4	ng/ul	701292	6	23.40	856275	20.0
(DEL) Alkane: Str...	22.80	18.6	ng/ul	797936	6	23.40	856275	20.0
(DEL) Alkane: Str...	24.00	19.1	ng/ul	819876	6	23.40	856275	20.0
1-Hexacosanol	24.07	12.7	ng/ul	542917	6	23.40	856275	20.0
(DEL) Alkane: Str...	24.73	15.7	ng/ul	671959	6	23.40	856275	20.0