LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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	50	rVB	240804	291855	2.53%	0.275%
2	3.481	79	84	88	rVB7	11987	15027	0.13%	0.014%
3	4.258	211	216	221	rBV4	26739	33650	0.29%	0.032%
4	5.728	463	466	472	rVB3	17095	24782	0.22%	0.023%
5	6.599	605	614	619	rBV6	11091	26010	0.23%	0.024%
6	6.775	634	644	656	rBV	2354314	3677630	31.94%	3.460%
7	6.946	666	673	686	rVB	1853265	2845016	24.71%	2.677%
8	7.134	699	705	714	rBV	2364904	3676344	31.93%	3.459%
9	7.599	778	784	788	rBV5	10486	18320	0.16%	0.017%
10	7.669	791	796	803	rVB	61606	91129	0.79%	0.086%
11	8.293	895	902	915	rBV	2867308	4550335	39.52%	4.282%
12	8.740	970	978	988	rBV	2322546	3649154	31.69%	3.434%
13	8.910	1003	1007	1014	rVB3	24946	33640	0.29%	0.032%
14	9.198	1049	1056	1061	rBV	73650	110568	0.96%	0.104%
15	9.451	1091	1099	1106	rBV	1890186	2975663	25.84%	2.800%
16	9.981	1181	1189	1200	rBV	2998729	4839613	42.03%	4.554%
17	10.357	1249	1253	1258	rBV	15339	22610	0.20%	0.021%
18	10.410	1258	1262	1269	rVB3	14277	20890	0.18%	0.020%
19	10.492	1269	1276	1289	rBV	2194015	3661833	31.80%	3.446%
20	11.310	1411	1415	1420	rBV5	19786	29224	0.25%	0.027%
21	11.687	1474	1479	1482	rBV6	9385	15504	0.13%	0.015%
22	11.792	1491	1497	1503	rBV5	15836	25584	0.22%	0.024%
23	11.951	1519	1524	1530	rVB	56868	92587	0.80%	0.087%
24	12.028	1532	1537	1542	rVV2	29576	42623	0.37%	0.040%
25	12.245	1566	1574	1579	rBV5	13316	23678	0.21%	0.022%
26	12.692	1645	1650	1654	rVB6	9234	13974	0.12%	0.013%
27	12.963	1692	1696	1700	rBV4	19691	26449	0.23%	0.025%
28	13.034	1700	1708	1710	rVV5	8590	15567	0.14%	0.015%
29	13.081	1710	1716	1719	rVV3	16175	23391	0.20%	0.022%
30	13.145	1722	1727	1732	rBV6	9250	15372	0.13%	0.014%
31	13.463	1776	1781	1784	rBV4	8624	12871	0.11%	0.012%
32	13.545	1788	1795	1801	rBV6	10966	22822	0.20%	0.021%
33	13.651	1806	1813	1817	rVV	4794700	6499344	56.44%	6.115%
34	13.698	1817	1821	1828	rVV	960017	1317707	11.44%	1.240%

LSC Area Percent Report

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Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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	13.922	1851	1859	1868	rBV	5607828	8500497	73.82%	7.998%
36	14.163	1896	1900	1905	rBV4	19547	29317	0.25%	0.028%
37	14.228	1905	1911	1917	rBV4	32488	54268	0.47%	0.051%
38	14.428	1937	1945	1954	rBV	2078756	3003304	26.08%	2.826%
39	14.598	1969	1974	1982	rBV9	8032	20789	0.18%	0.020%
40	14.675	1982	1987	1990	rVV5	16174	21924	0.19%	0.021%
41	14.857	2014	2018	2020	rBV4	8155	11520	0.10%	0.011%
42	15.063	2048	2053	2057	rBV6	13496	21511	0.19%	0.020%
43	15.122	2059	2063	2069	rVB3	28165	35645	0.31%	0.034%
44	15.233	2074	2082	2088	rVV	6915144	10136495	88.03%	9.538%
45	15.345	2095	2101	2117	rBV	1843278	2489181	21.62%	2.342%
46	15.469	2117	2122	2127	rVV	95411	141386	1.23%	0.133%
47	15.516	2127	2130	2136	rVB7	7903	18236	0.16%	0.017%
48	15.680	2154	2158	2162	rVB5	12079	18107	0.16%	0.017%
49	15.986	2206	2210	2212	rBV2	26673	32136	0.28%	0.030%
50	16.016	2212	2215	2222	rVB3	38899	62372	0.54%	0.059%
51	16.404	2275	2281	2286	rBV7	30319	55103	0.48%	0.052%
52	16.663	2322	2325	2331	rVB6	19985	29574	0.26%	0.028%
53	16.780	2341	2345	2352	rVB7	22650	31617	0.27%	0.030%
54	16.980	2375	2379	2382	rBV2	50426	65360	0.57%	0.061%
55	17.022	2382	2386	2390	rVV2	35547	48697	0.42%	0.046%
56	17.080	2390	2396	2407	rVB2	7489618	10615202	92.18%	9.988%
57	17.233	2420	2422	2429	rVB8	6468	11656	0.10%	0.011%
58	17.522	2468	2471	2474	rBV3	17241	19218	0.17%	0.018%
59	17.674	2495	2497	2504	rVB7	9010	14593	0.13%	0.014%
60	17.792	2512	2517	2521	rBV8	13116	29734	0.26%	0.028%
61	17.916	2532	2538	2555	rBV	849000	1532973	13.31%	1.442%
62	18.216	2584	2589	2593	rVB4	32270	43684	0.38%	0.041%
63	18.704	2667	2672	2677	rBV6	23019	34789	0.30%	0.033%
64	18.863	2695	2699	2704	rVB2	50935	68672	0.60%	0.065%
65	19.021	2722	2726	2729	rBV2	92462	122349	1.06%	0.115%
66	19.057	2729	2732	2734	rVV3	88963	111104	0.96%	0.105%
67	19.086	2734	2737	2747	rVB3	116951	213433	1.85%	0.201%
68	19.210	2753	2758	2766	rBV	554320	879587	7.64%	0.828%
69	19.274	2766	2769	2777	rVV	113891	206693	1.79%	0.194%
70	19.392	2780	2789	2796	rVV2	8563207	11515130	100.00%	10.835%
71	19.451	2796	2799	2802	rVV	117971	133665	1.16%	0.126%

LSC Area Percent Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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

72	19.480	2802	2804	2808	rVB2	59525	64989	0.56%	0.061%
73	19.992	2887	2891	2894	rBV	176943	191628	1.66%	0.180%
74	20.221	2928	2930	2934	rBV5	16770	21574	0.19%	0.020%
75	20.310	2943	2945	2947	rBV2	19814	20996	0.18%	0.020%
76	20.363	2951	2954	2957	rVB3	55005	64738	0.56%	0.061%
77	20.492	2970	2976	2980	rBV	275244	313592	2.72%	0.295%
78	20.792	3025	3027	3030	rBV3	23484	22861	0.20%	0.022%
79	20.963	3050	3056	3069	rBV2	527359	999906	8.68%	0.941%
80	21.404	3127	3131	3138	rBV	493048	539306	4.68%	0.507%
81	21.839	3201	3205	3209	rBV	605103	686298	5.96%	0.646%
82	22.298	3279	3283	3293	rVB	614763	748829	6.50%	0.705%
83	22.421	3301	3304	3307	rVB	104848	122445	1.06%	0.115%
84	22.798	3363	3368	3376	rBV	613222	874287	7.59%	0.823%
85	23.262	3440	3447	3457	rVV2	5607565	10088591	87.61%	9.493%
86	23.357	3458	3463	3477	rVB	577108	966642	8.39%	0.910%
87	23.992	3566	3571	3577	rVB	449969	827561	7.19%	0.779%
88	24.721	3690	3695	3702	rVB2	303910	604044	5.25%	0.568%

Sum of corrected areas: 106278574

LSC Report - Integrated Chromatogram

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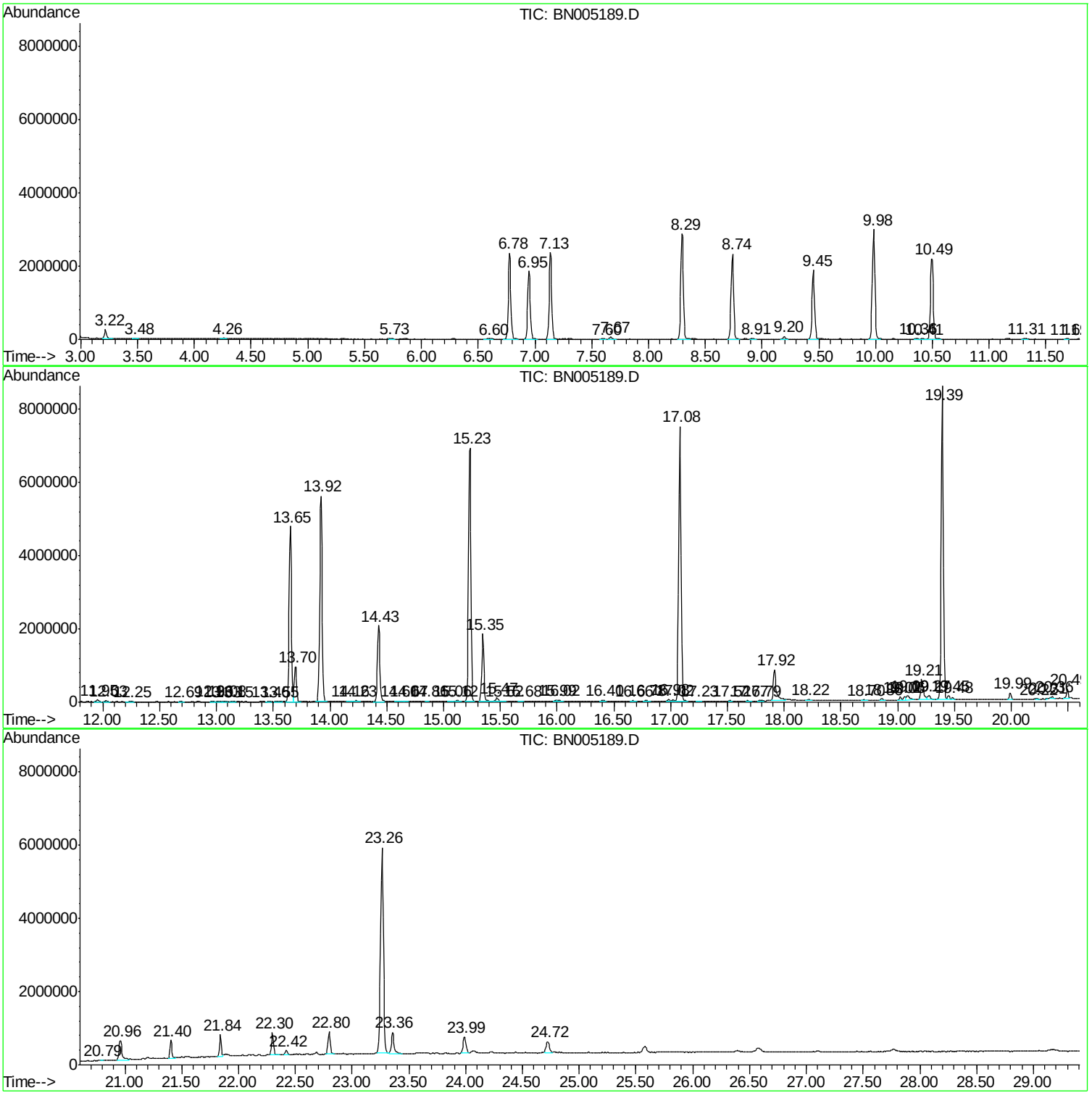
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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

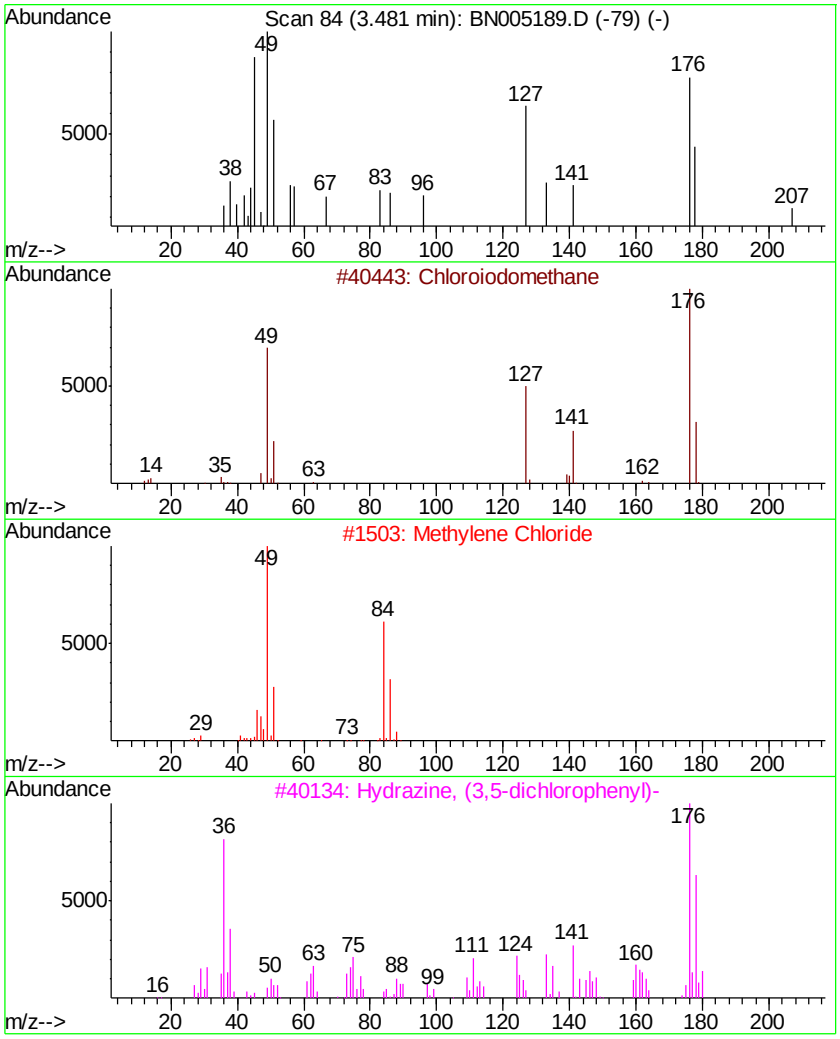
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

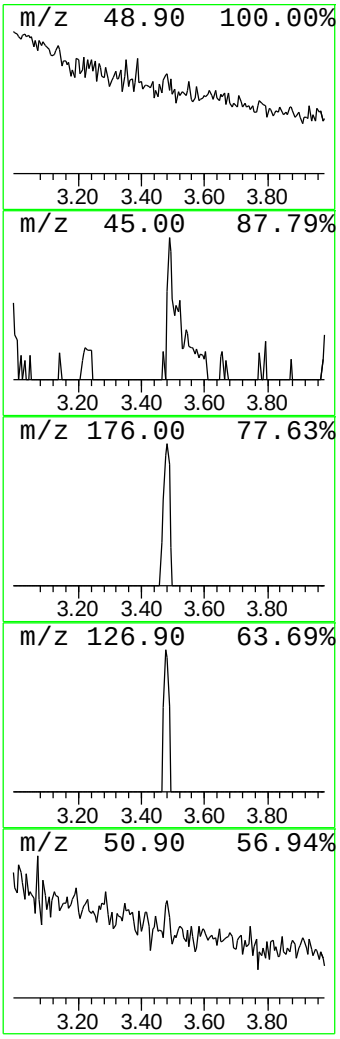
****

Peak Number 1 Chloroiodomethane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	16.41 ng/ul	15027	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroiodomethane	176	CH2ClI	000593-71-5	50
2	Methylene Chloride	84	CH2Cl2	000075-09-2	17
3	Hydrazine, (3,5-dichlorophenyl)-	176	C6H6Cl2N2	039943-56-1	10
4	Hydrazine, (2,5-dichlorophenyl)-	176	C6H6Cl2N2	000305-15-7	10
5	Hydrazine, (2,3-dichlorophenyl)-	176	C6H6Cl2N2	013147-14-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR2

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

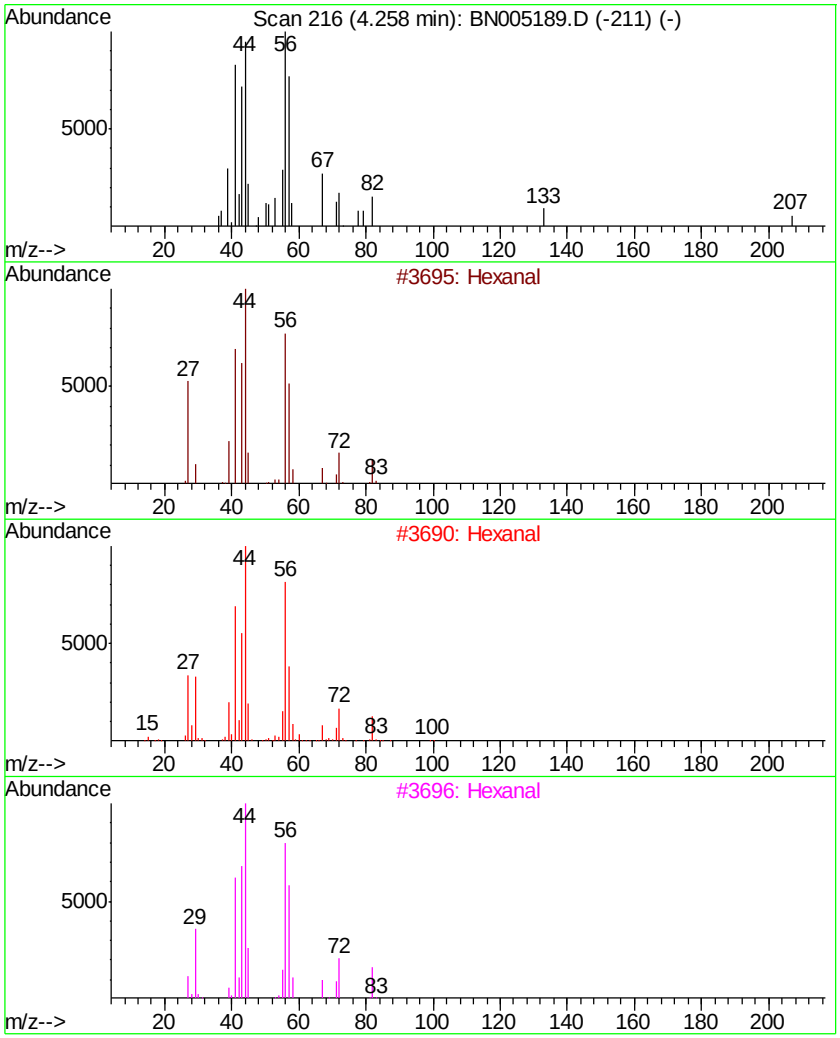
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

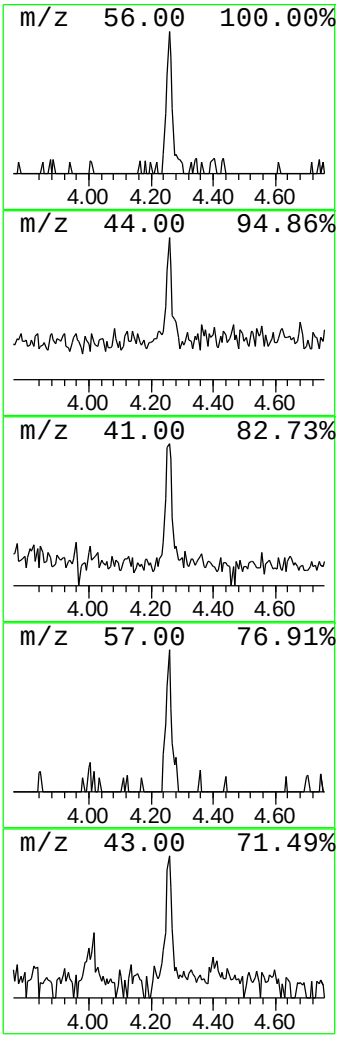
****

Peak Number 2 Hexanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	36.74 ng/ul	33650	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	64
5	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32





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Misc :
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Instrument : BNA_N
ClientSampleId : GAHR2

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

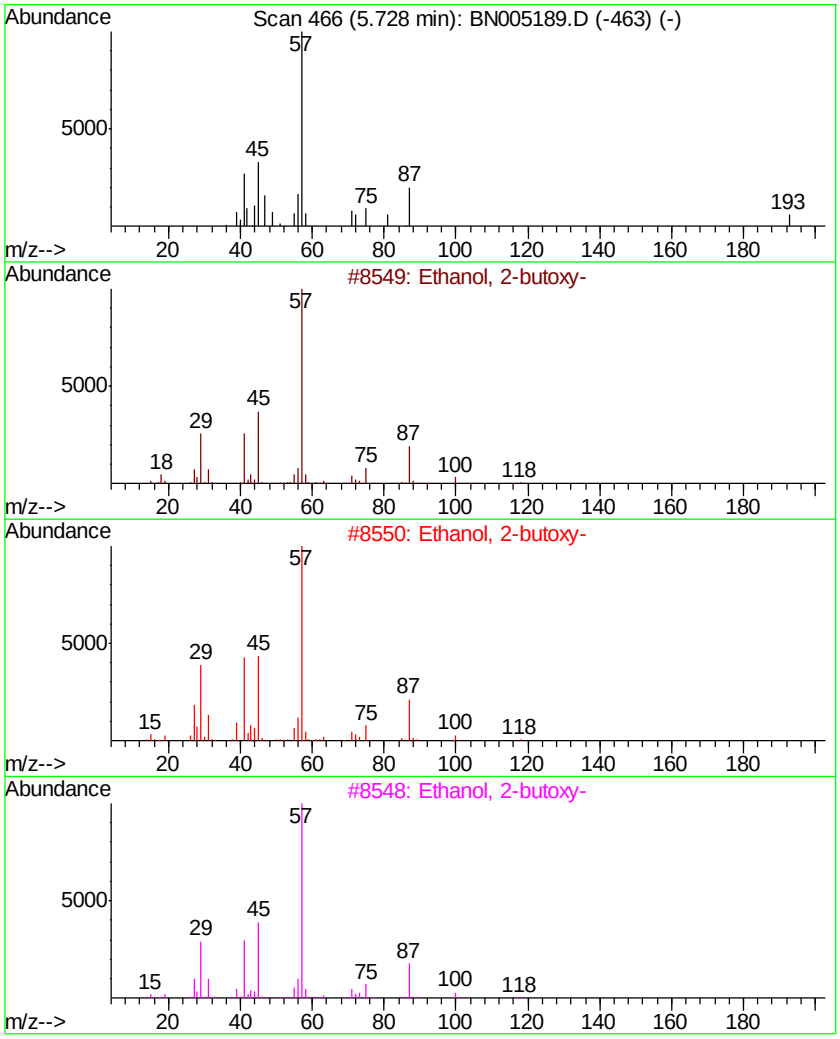
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

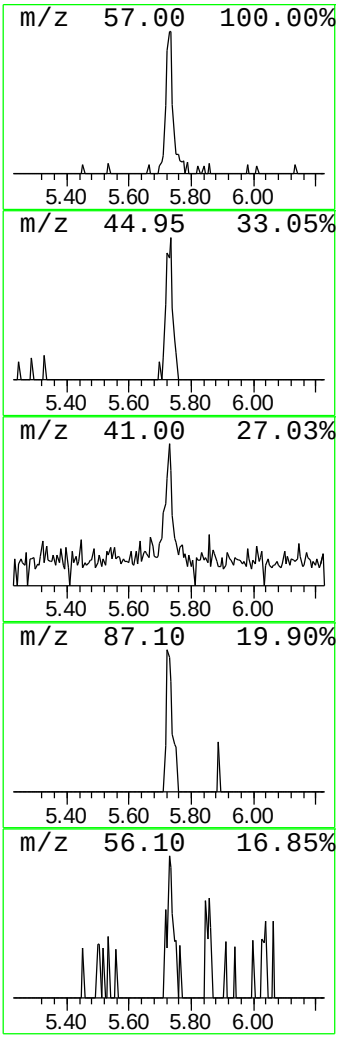
****

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	27.05 ng/ul	24782	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	42
4	3-Buten-2-ol	72	C4H8O	000598-32-3	35
5	Ethanedioic acid, bis(1-methylpr...	202	C10H18O4	013784-89-9	25





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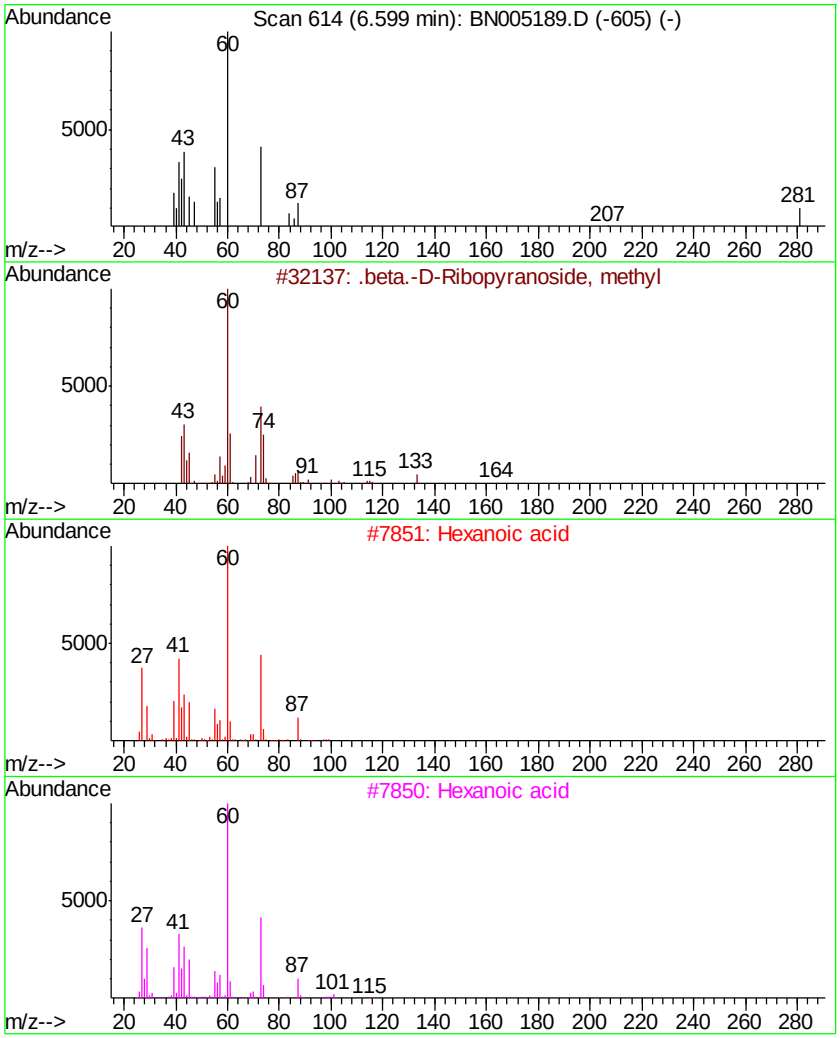
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

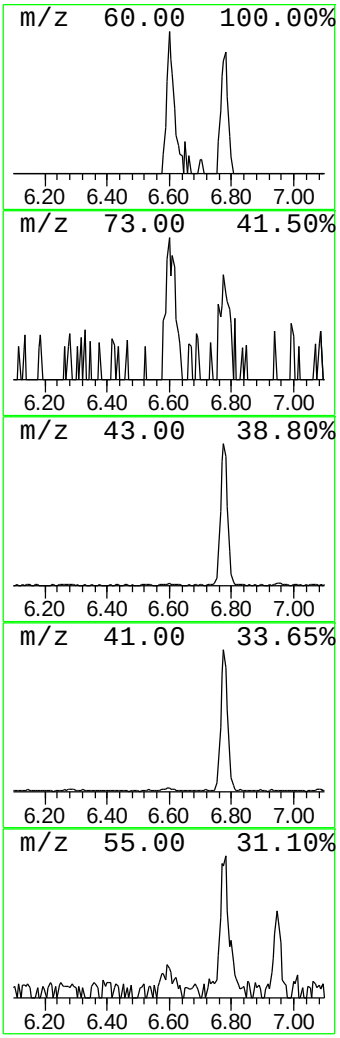
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 .beta.-D-Ribopyranoside, me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	28.40 ng/ul	26010	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	64
2	Hexanoic acid	116	C6H12O2	000142-62-1	59
3	Hexanoic acid	116	C6H12O2	000142-62-1	45
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	42
5	Octanoic Acid	144	C8H16O2	000124-07-2	39





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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

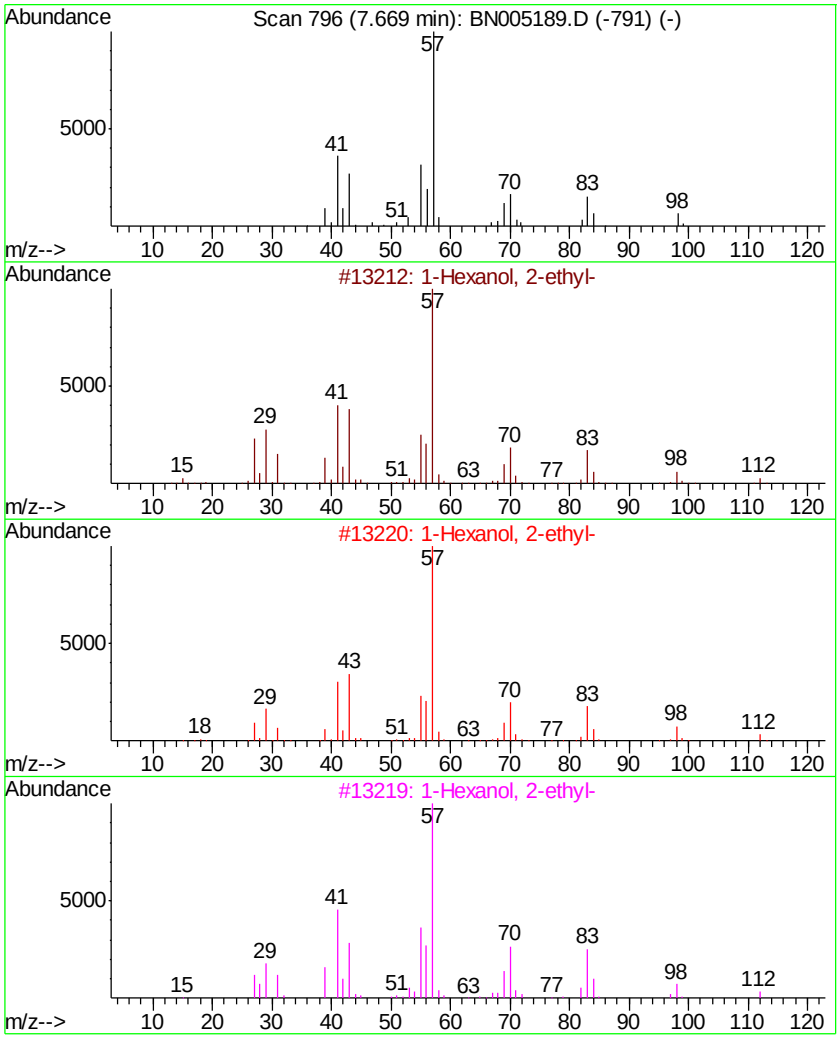
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

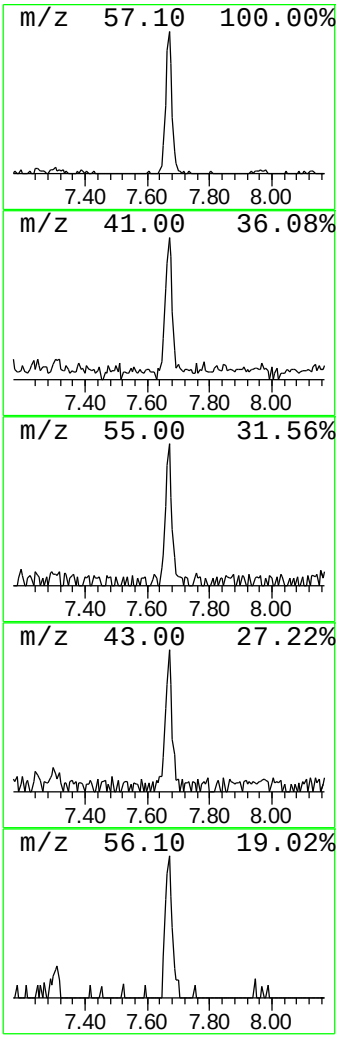
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	99.49 ng/ul	91129	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
5	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	53





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Instrument : BNA_N
ClientSampleId : GAHR2

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Quant Title : SVOA CALIBRATION

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

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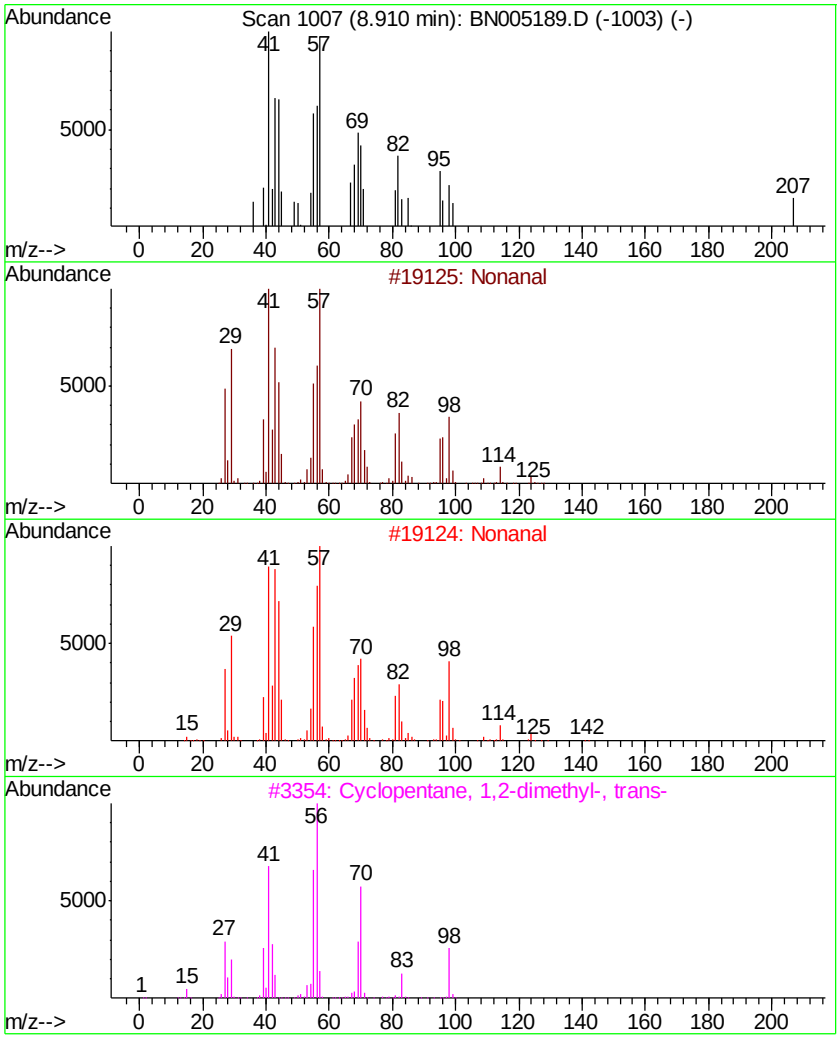
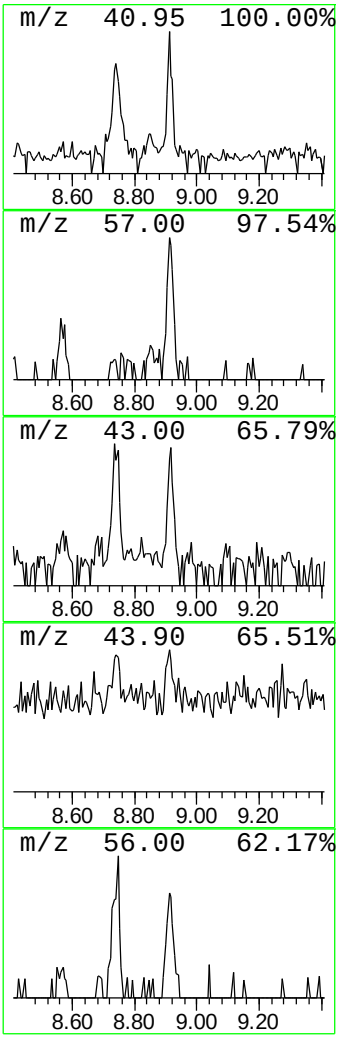
Peak Number 6 Nonanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	36.72 ng/ul	33640	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	59
2	Nonanal	142	C9H18O	000124-19-6	59
3	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	38
4	Aziridine, 2-ethyl-	71	C4H9N	002549-67-9	27
5	1-Nonene	126	C9H18	000124-11-8	27





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Operator : JU/SJ
Sample : K2455-12
Misc :
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Instrument : BNA_N
ClientSampleId : GAHR2

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Quant Title : SVOA CALIBRATION

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

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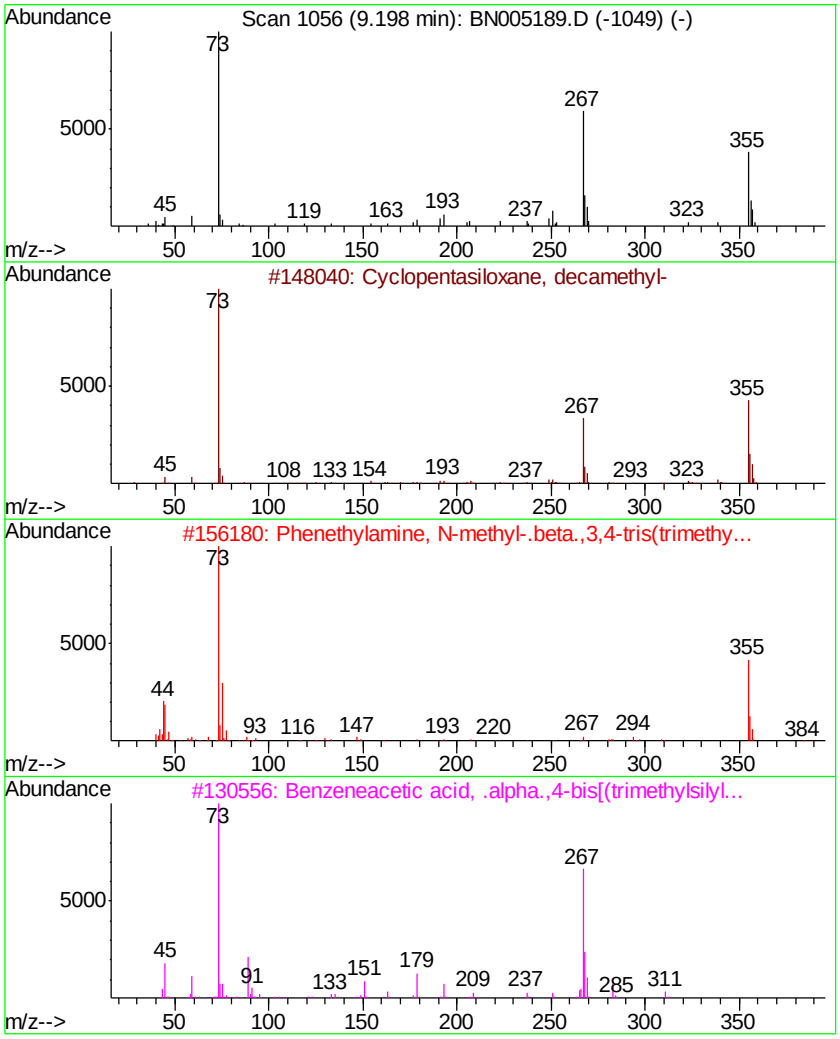
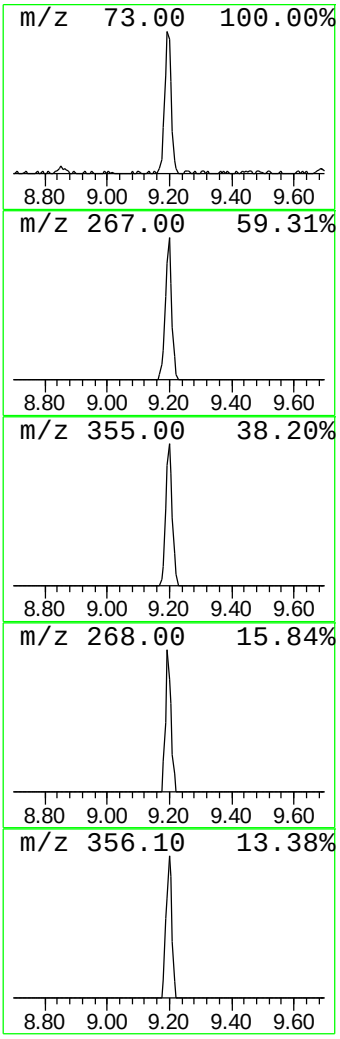
Peak Number 7 Cyclopentasiloxane, decamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	97.80 ng/ul	110568	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	43
3	Benzeneacetic acid, .alpha.,4-bi...	326	C15H26O4Si2	055334-40-2	43
4	Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	43
5	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	38





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Quant Title : SVOA CALIBRATION

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

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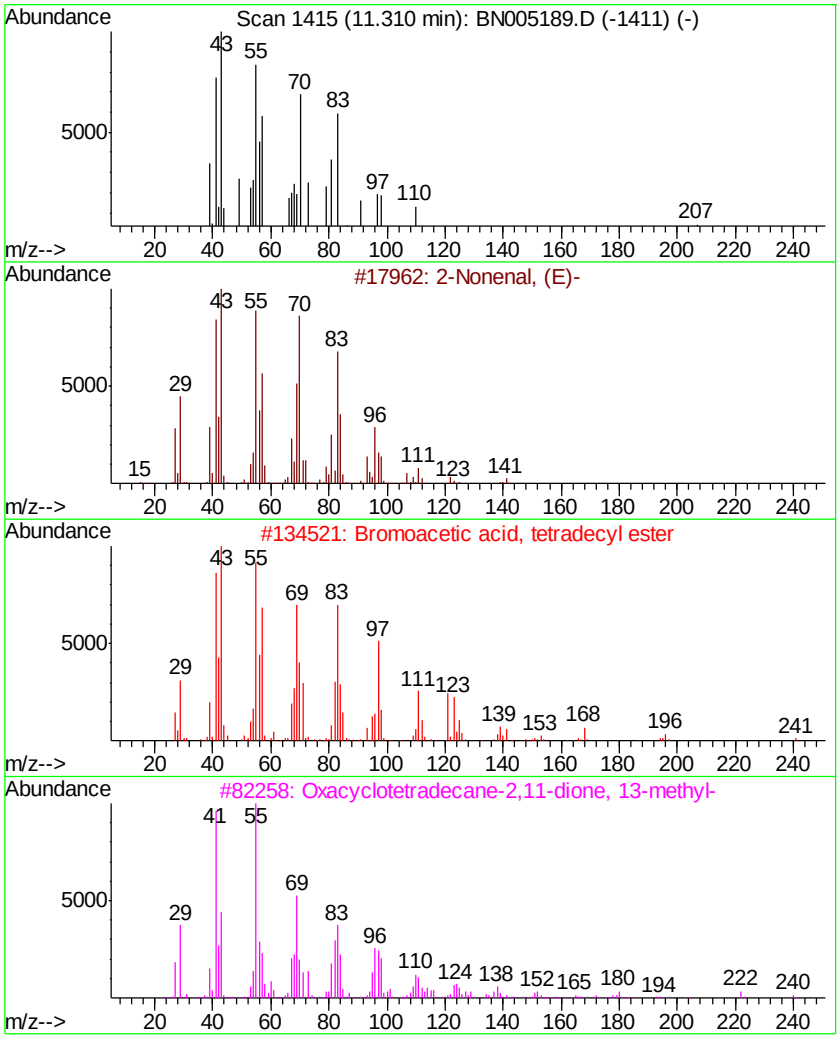
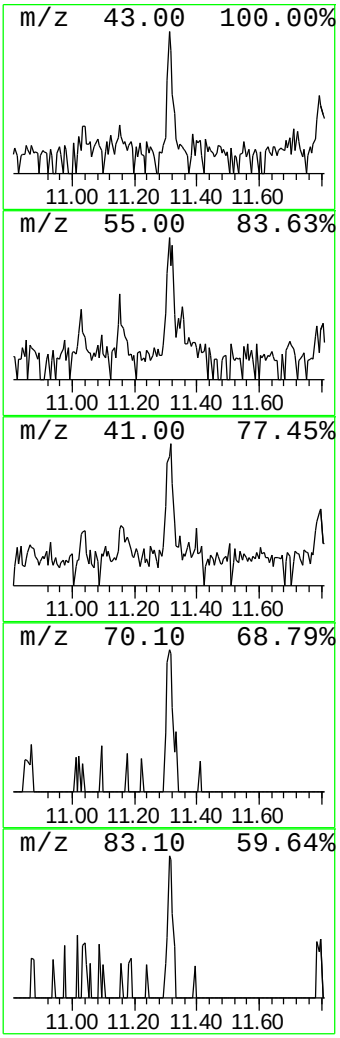
Peak Number 8 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	25.85 ng/ul	29224	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenal, (E)-	140	C9H16O	018829-56-6	32
2	Bromoacetic acid, tetradecyl ester	334	C16H31BrO2	018992-01-3	27
3	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	27
4	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	27
5	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	22





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Quant Title : SVOA CALIBRATION

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

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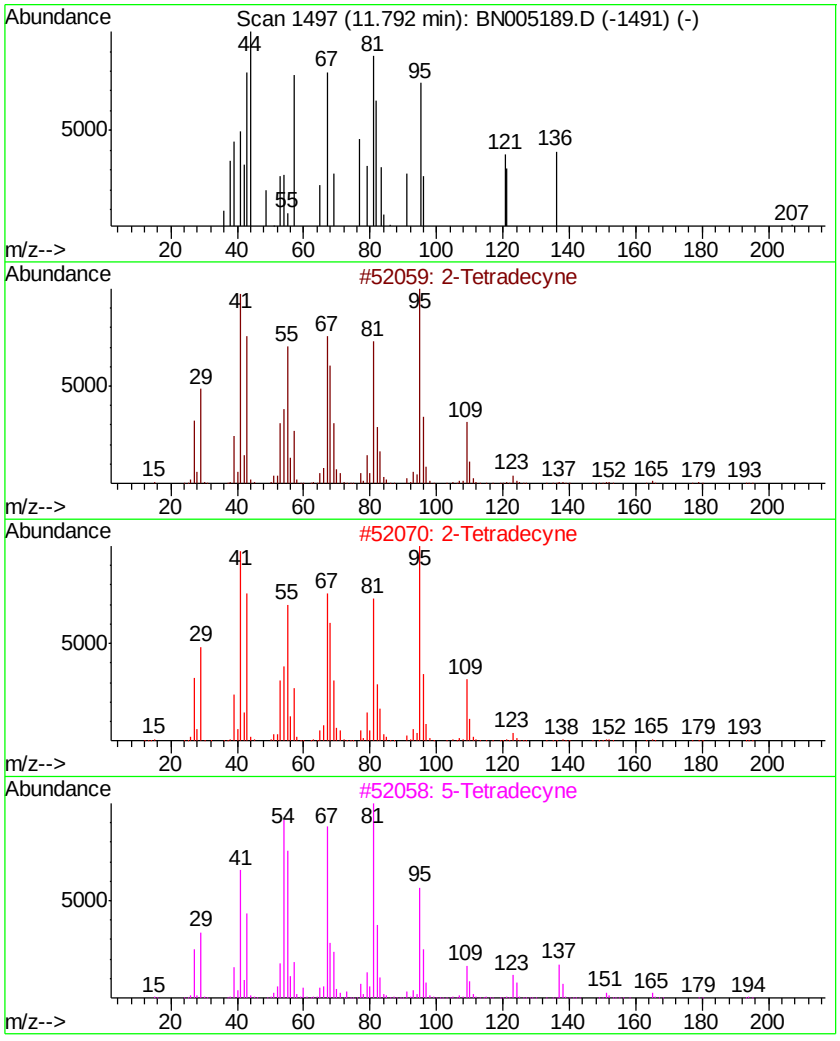
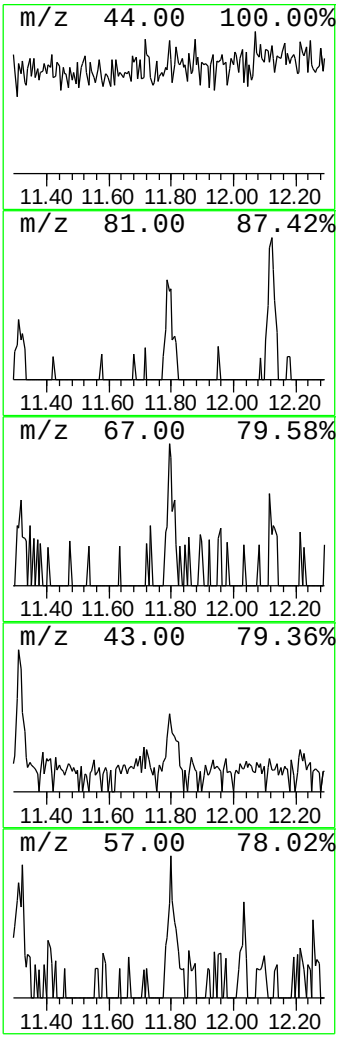
Peak Number 10 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	22.63 ng/ul	25584	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecyne	194	C14H26	000638-60-8	35
2	2-Tetradecyne	194	C14H26	000638-60-8	35
3	5-Tetradecyne	194	C14H26	060212-34-2	35
4	5-Tetradecyne	194	C14H26	060212-34-2	35
5	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	35





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Quant Title : SVOA CALIBRATION

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

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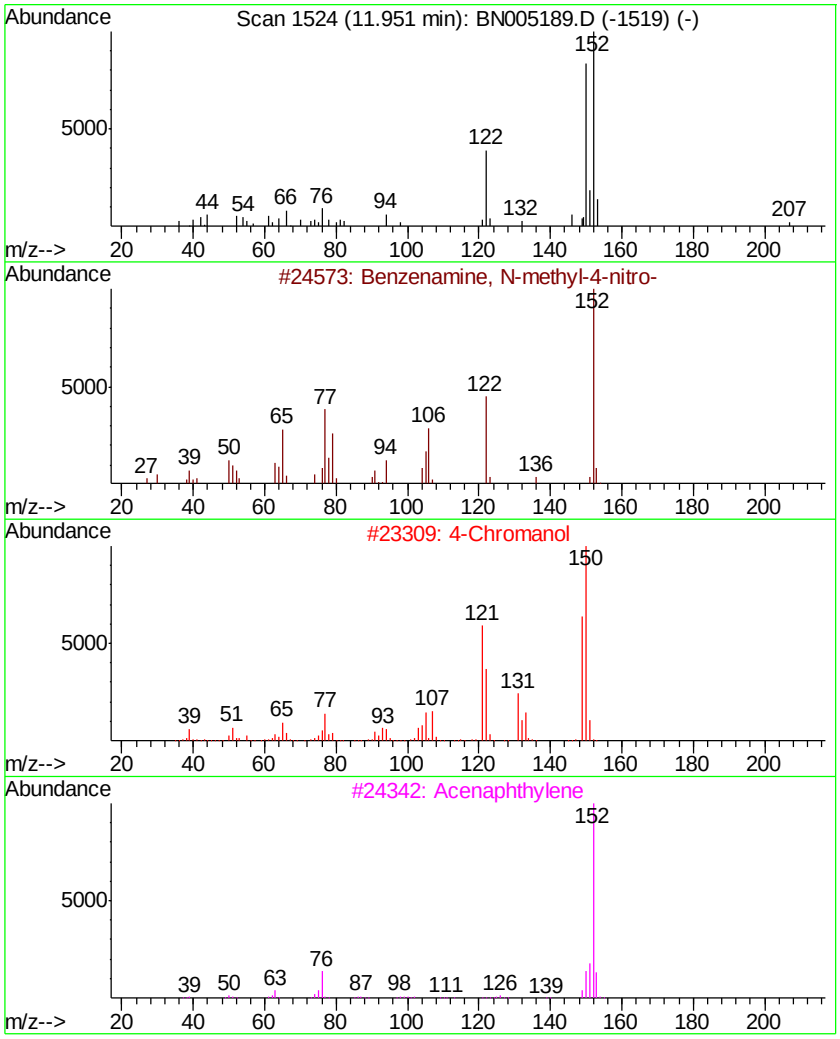
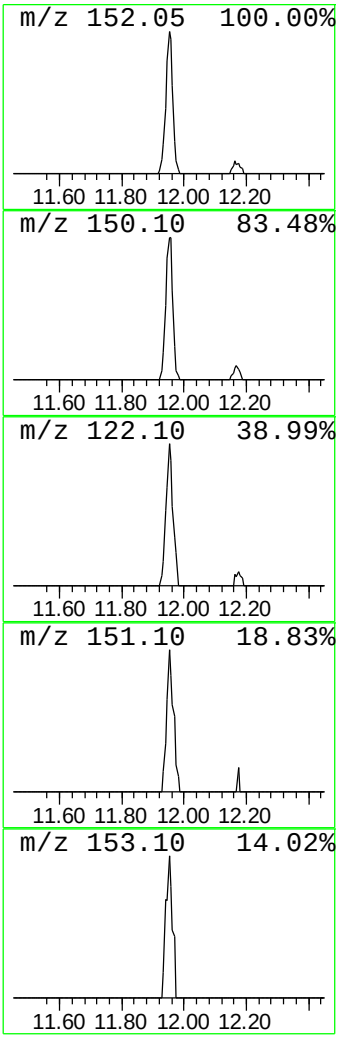
Peak Number 11 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	81.90 ng/ul	92587	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N-methyl-4-nitro-	152	C7H8N2O2	000100-15-2	43
2	4-Chromanol	150	C9H10O2	001481-93-2	43
3	Acenaphthylene	152	C12H8	000208-96-8	35
4	Acenaphthylene	152	C12H8	000208-96-8	35
5	Biphenylene	152	C12H8	000259-79-0	35





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Quant Title : SVOA CALIBRATION

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

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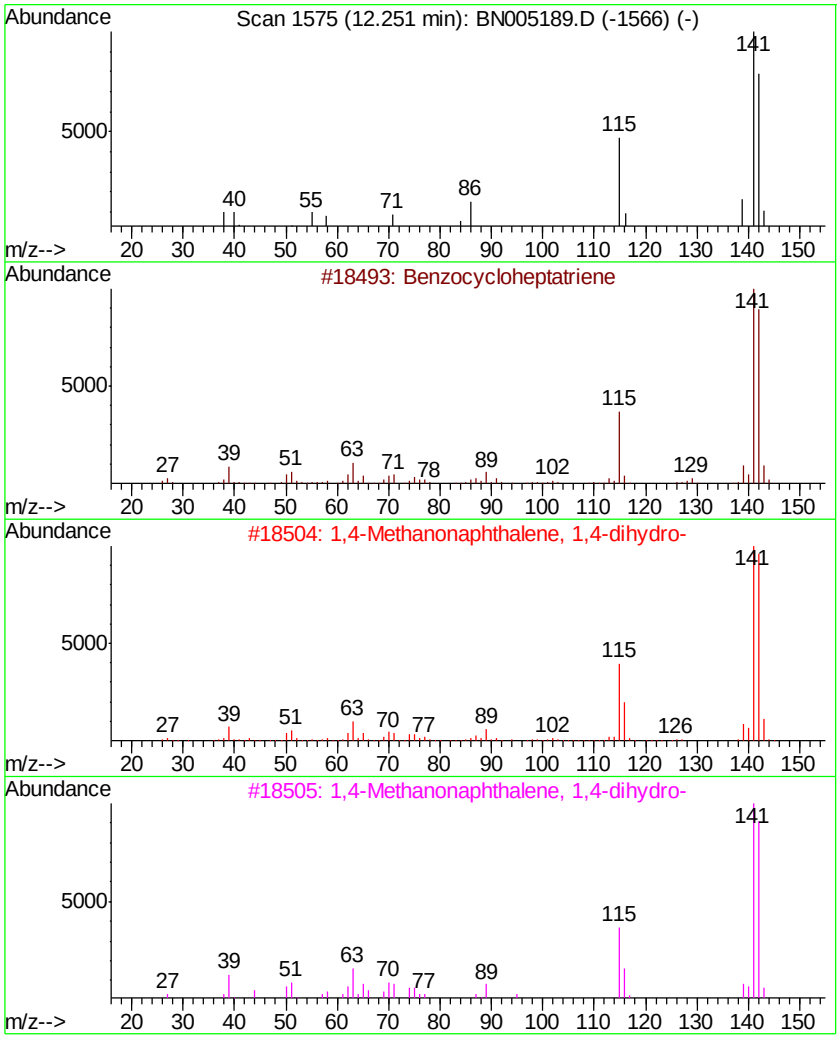
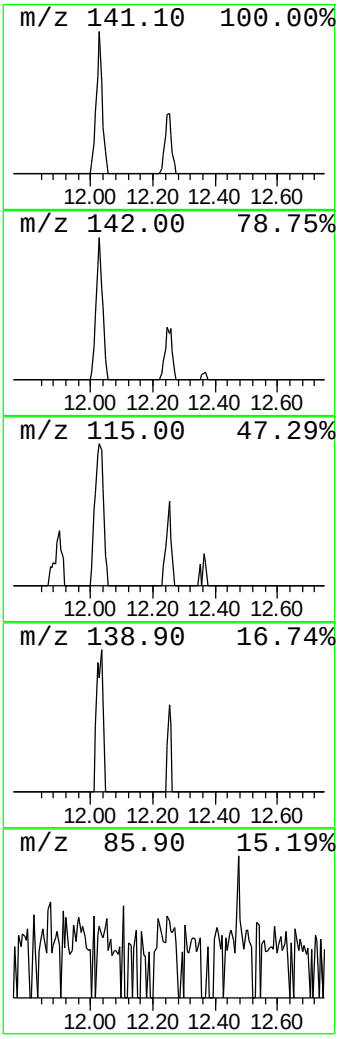
Peak Number 12 Benzocycloheptatriene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	20.94 ng/ul	23678	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	64
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	64
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	59
4	2,4-Difluorobenzaldehyde	142	C7H4F2O	001550-35-2	59
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	58





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ClientSampleId : GAHR2

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Quant Title : SVOA CALIBRATION

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

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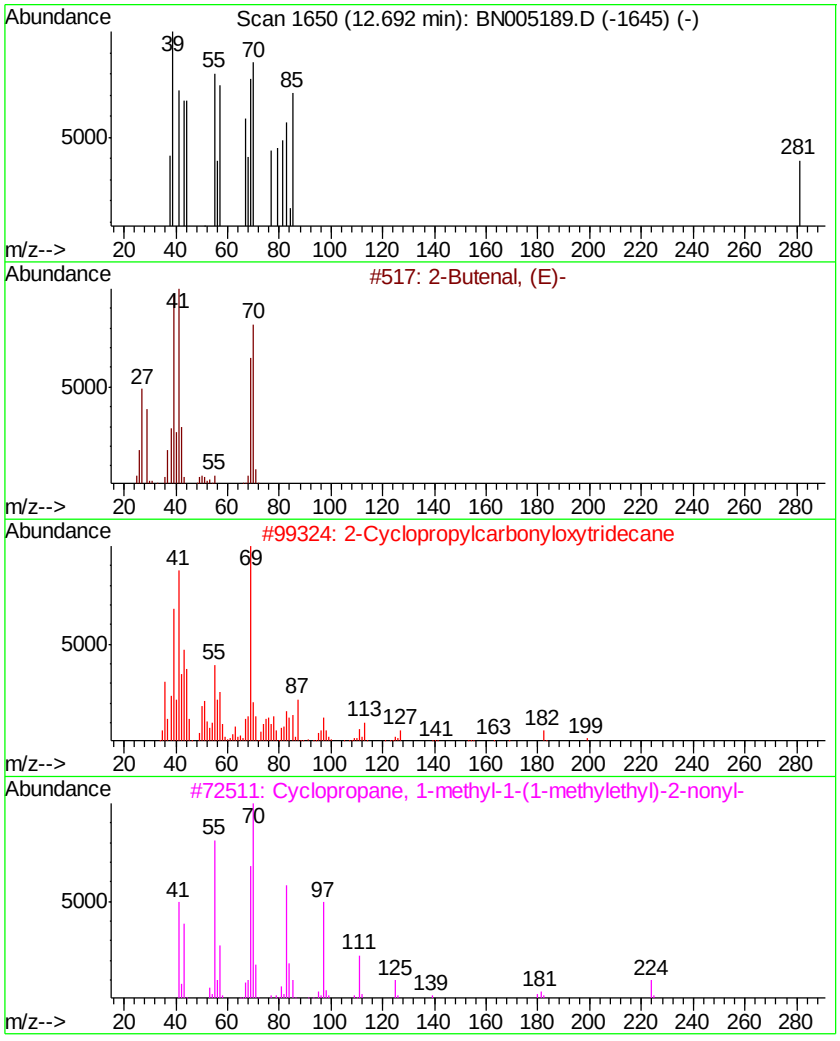
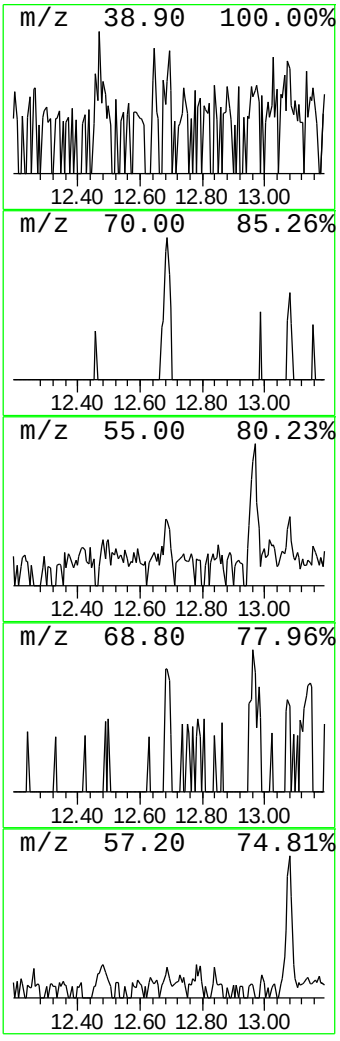
Peak Number 13 2-Butenal, (E)- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.15 ng/ul	13974	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, (E)-	70	C4H6O	000123-73-9	53
2	2-Cyclopropylcarbonyloxytridecane	268	C17H32O2	1000245-58-3	37
3	Cyclopropane, 1-methyl-1-(1-meth...	224	C16H32	041977-40-6	32
4	3-Butenenitrile	67	C4H5N	000109-75-1	25
5	5-Cyclopropylcarbonyloxypentadecane	296	C19H36O2	1000245-59-2	25





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Quant Title : SVOA CALIBRATION

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

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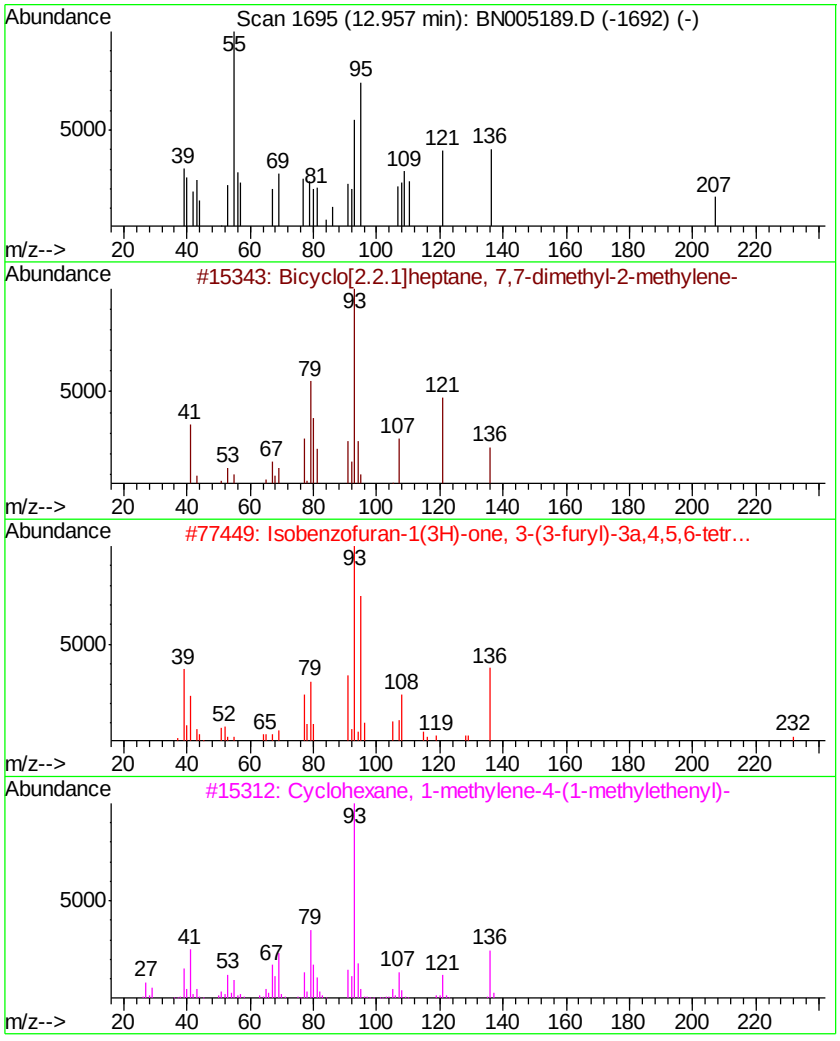
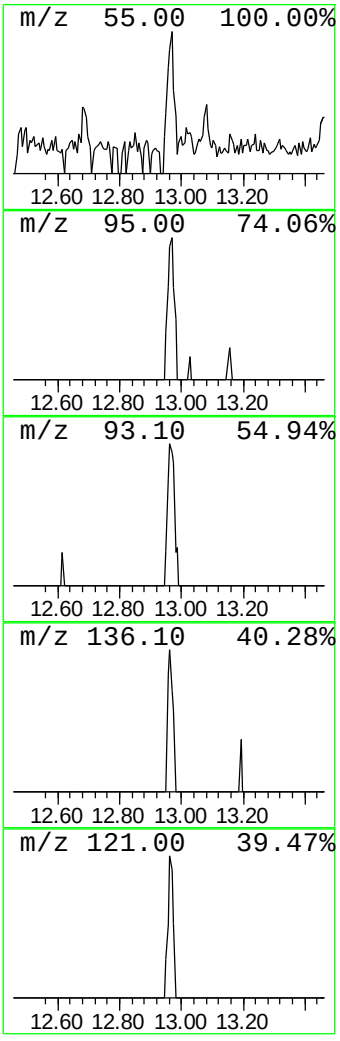
Peak Number 14 unknown-04 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	9.75 ng/ul	26449	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	43
2	Isobenzofuran-1(3H)-one, 3-(3-fu...	232	C14H16O3	1000260-36-9	40
3	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	38
4	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	000586-63-0	38
5	Ocimene	136	C10H16	029714-87-2	35





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Quant Title : SVOA CALIBRATION

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

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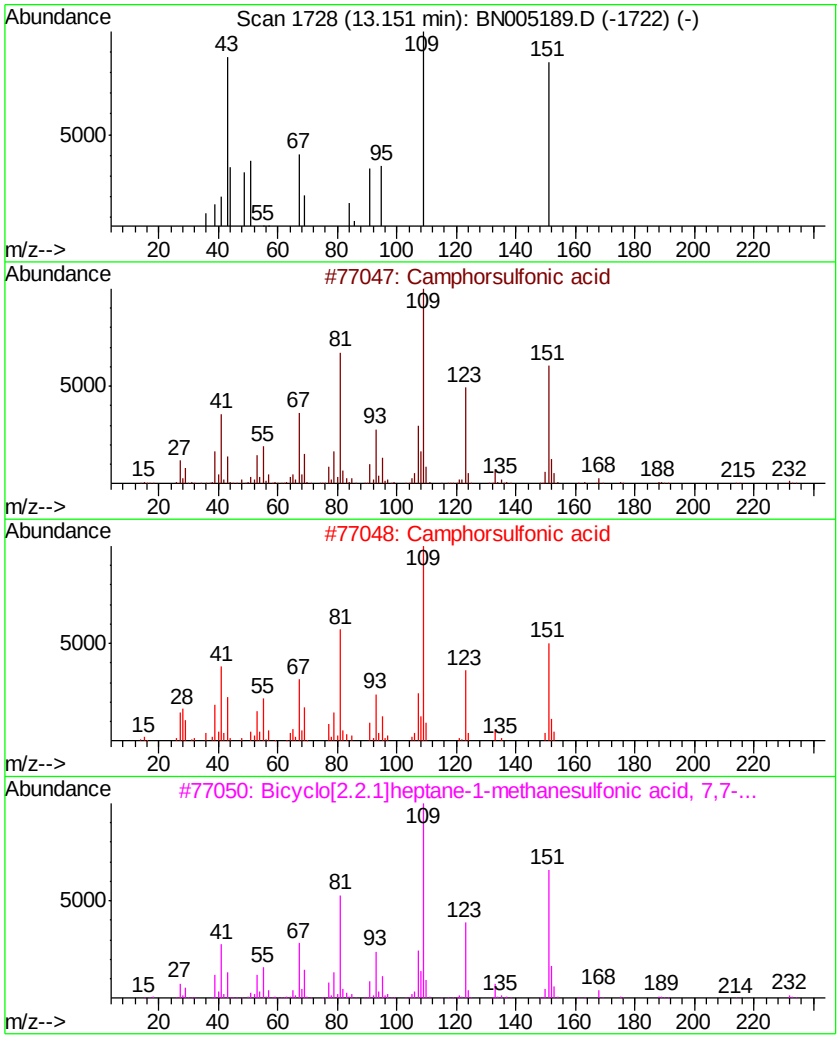
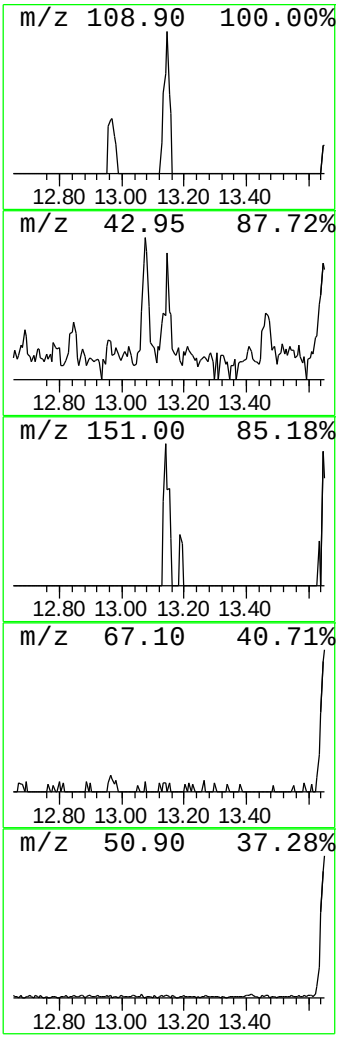
Peak Number 15 unknown-05 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	5.67 ng/ul	15372	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphorsulfonic acid	232	C10H16O4S	003144-16-9	25
2	Camphorsulfonic acid	232	C10H16O4S	003144-16-9	25
3	Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	25
4	Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	25
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	25





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Quant Title : SVOA CALIBRATION

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

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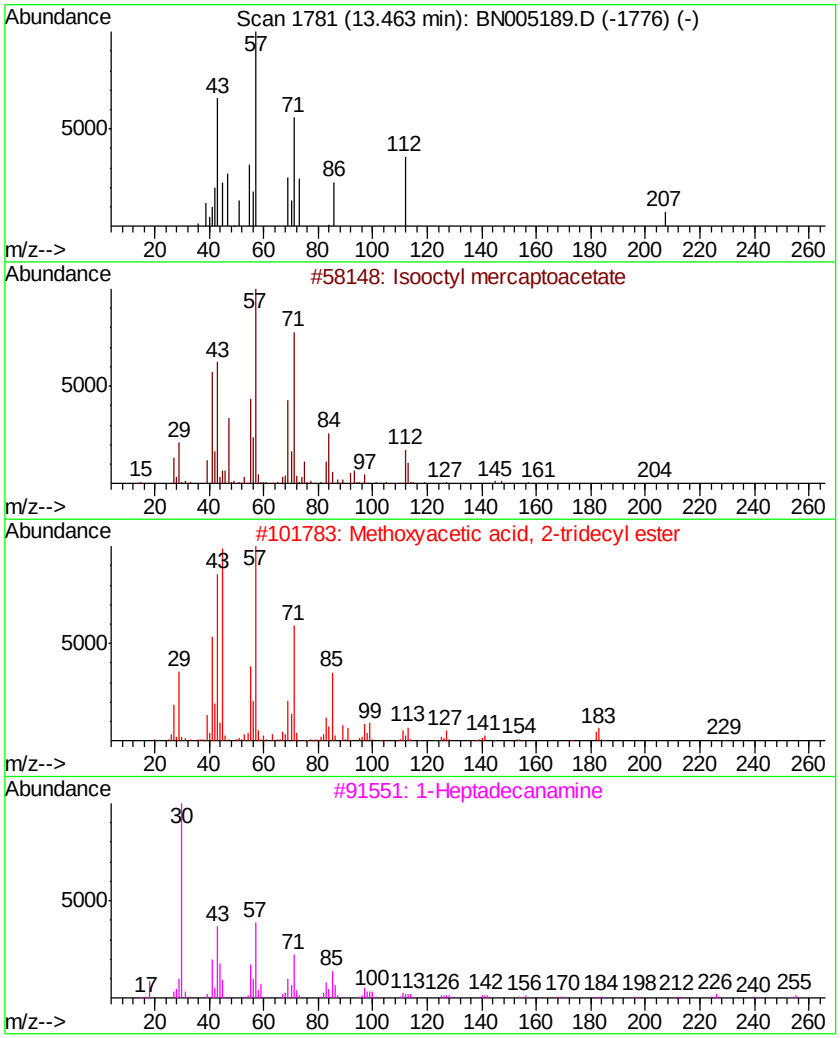
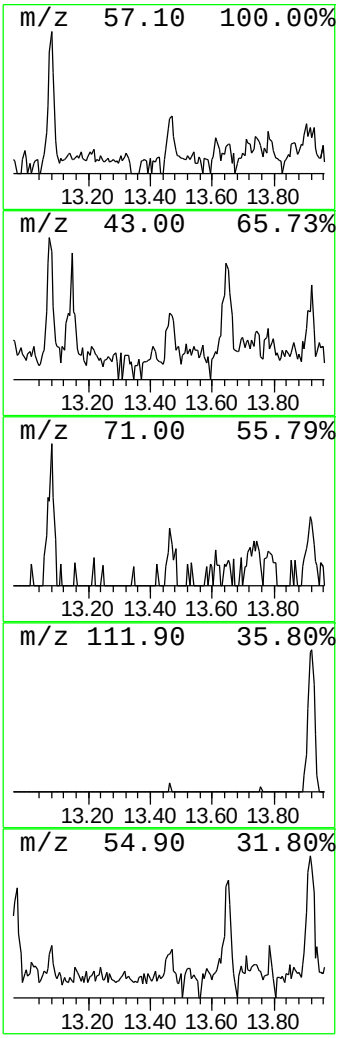
Peak Number 16 unknown-06 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	4.74 ng/ul	12871	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	35
2	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	25
3	1-Heptadecanamine	255	C17H37N	004200-95-7	25
4	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	16
5	2-Butene, 4-methoxy	86	C5H10O	018408-99-6	16





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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 Naphthalene, 2,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	8.41 ng/ul	22822	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	59
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	59
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	59
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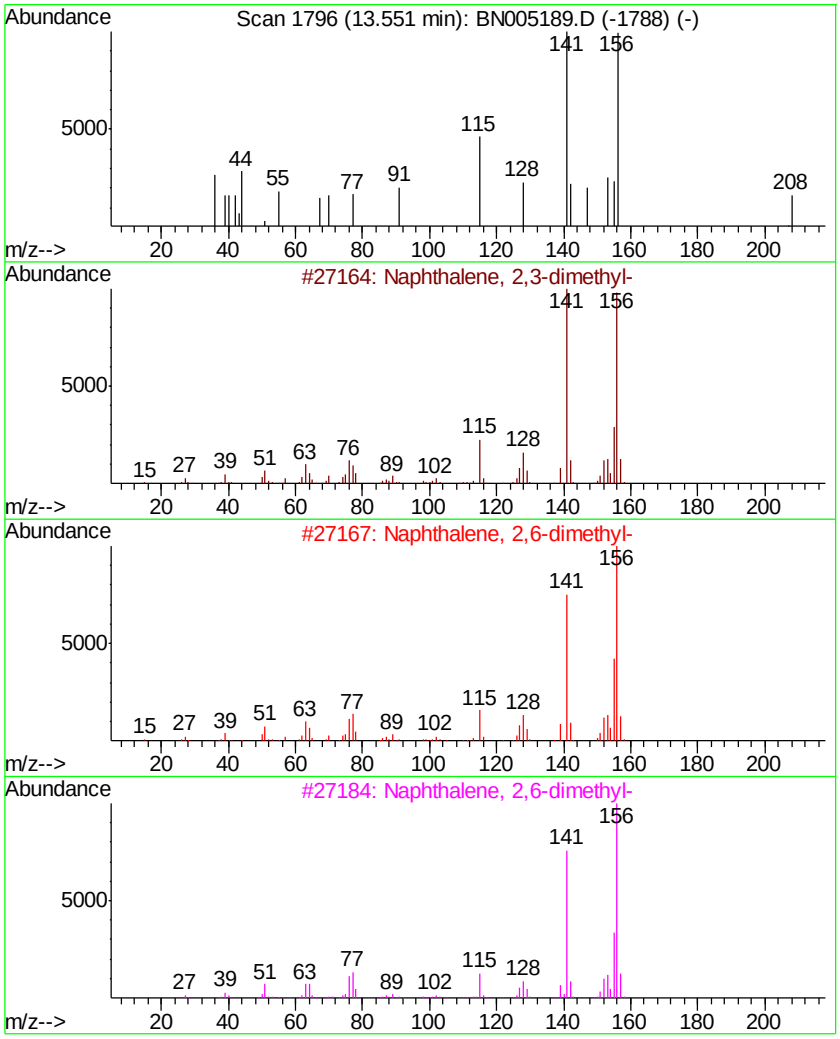

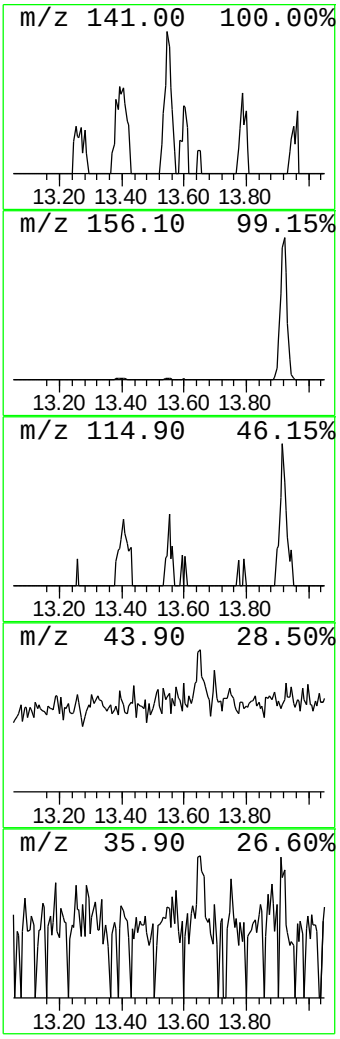

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Quant Title : SVOA CALIBRATION

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

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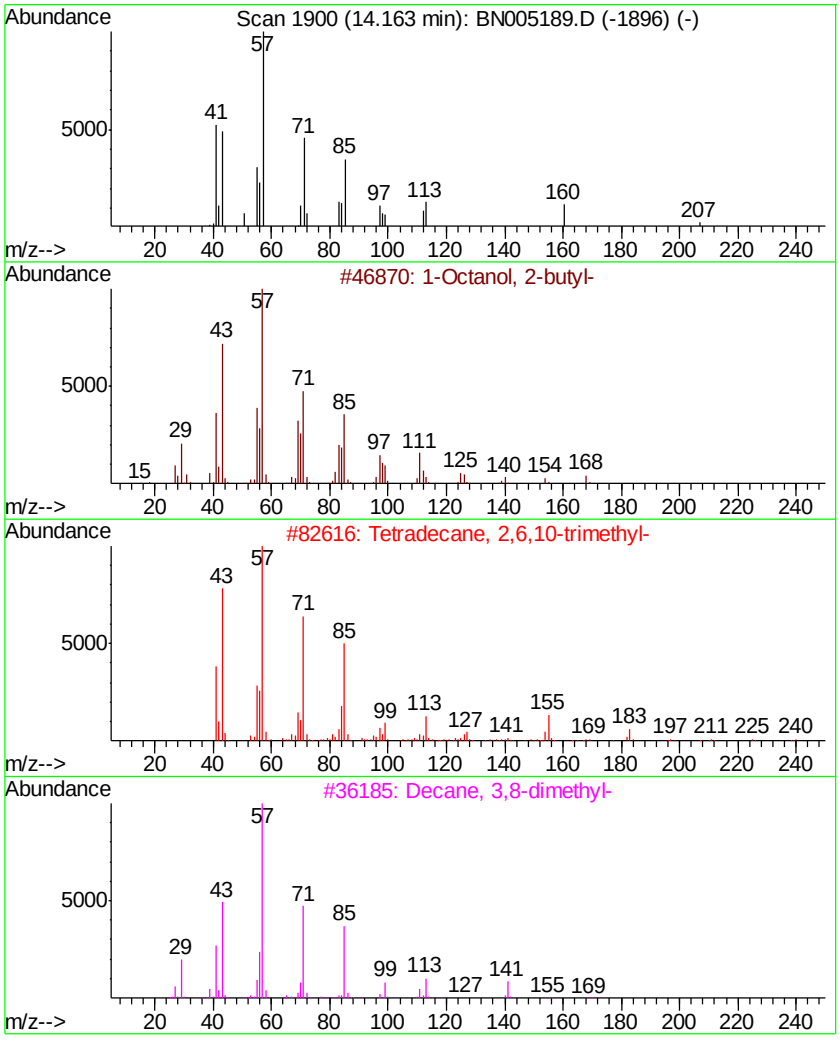
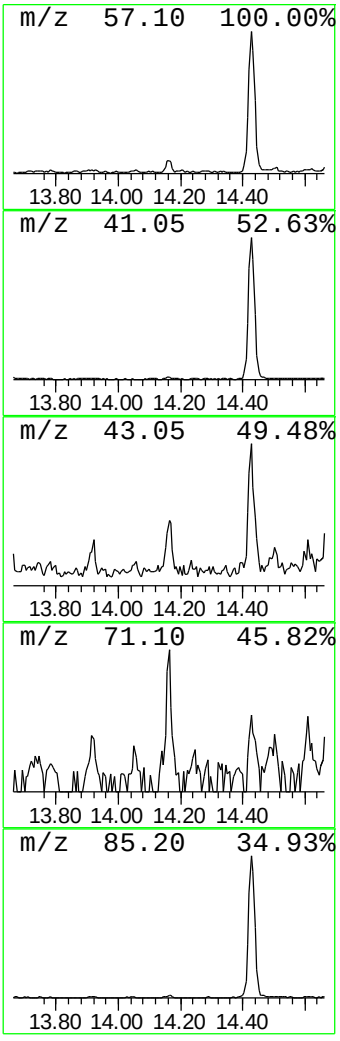
Peak Number 18 1-Octanol, 2-butyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	10.80 ng/ul	29317	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	59
5	Hexatriacontane	507	C36H74	000630-06-8	59





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ClientSampleId : GAHR2

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Quant Title : SVOA CALIBRATION

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

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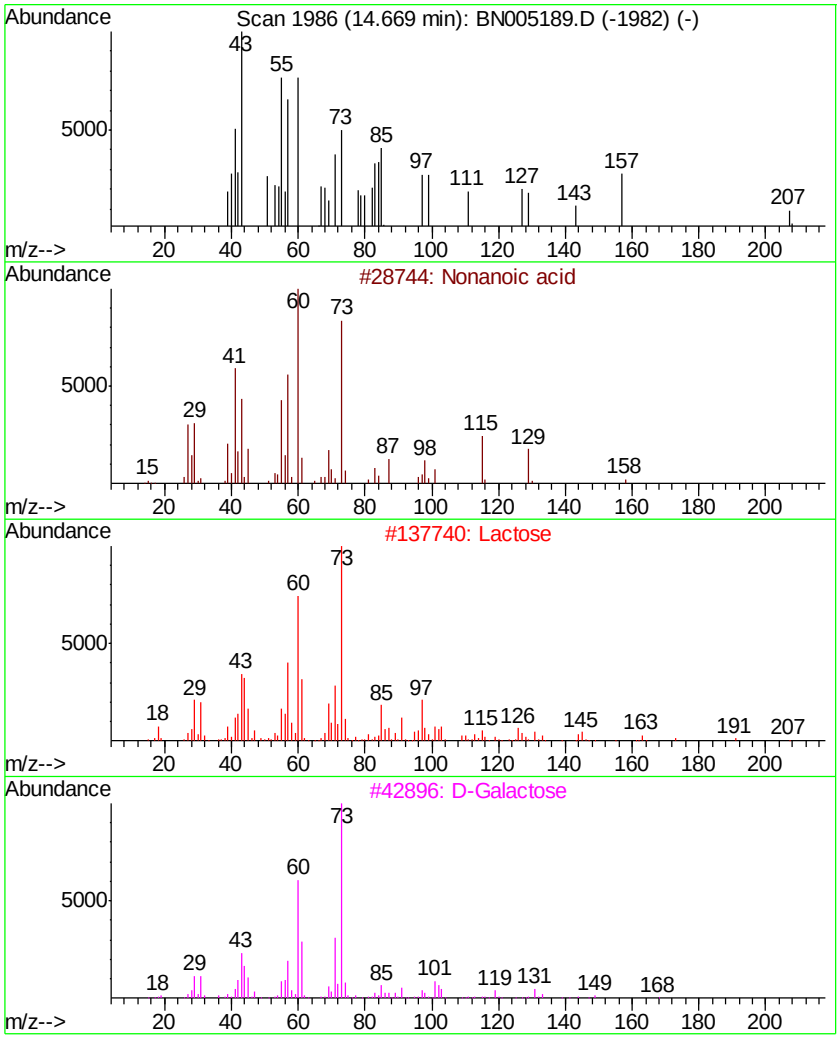
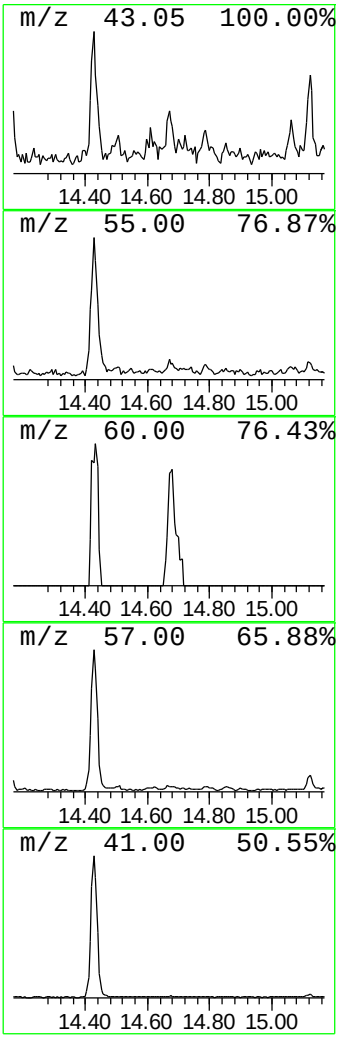
Peak Number 20 unknown-07 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	8.08 ng/ul	21924	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	43
2	Lactose	342	C12H22O11	000063-42-3	12
3	D-Galactose	180	C6H12O6	000059-23-4	10
4	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	10
5	Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	10





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Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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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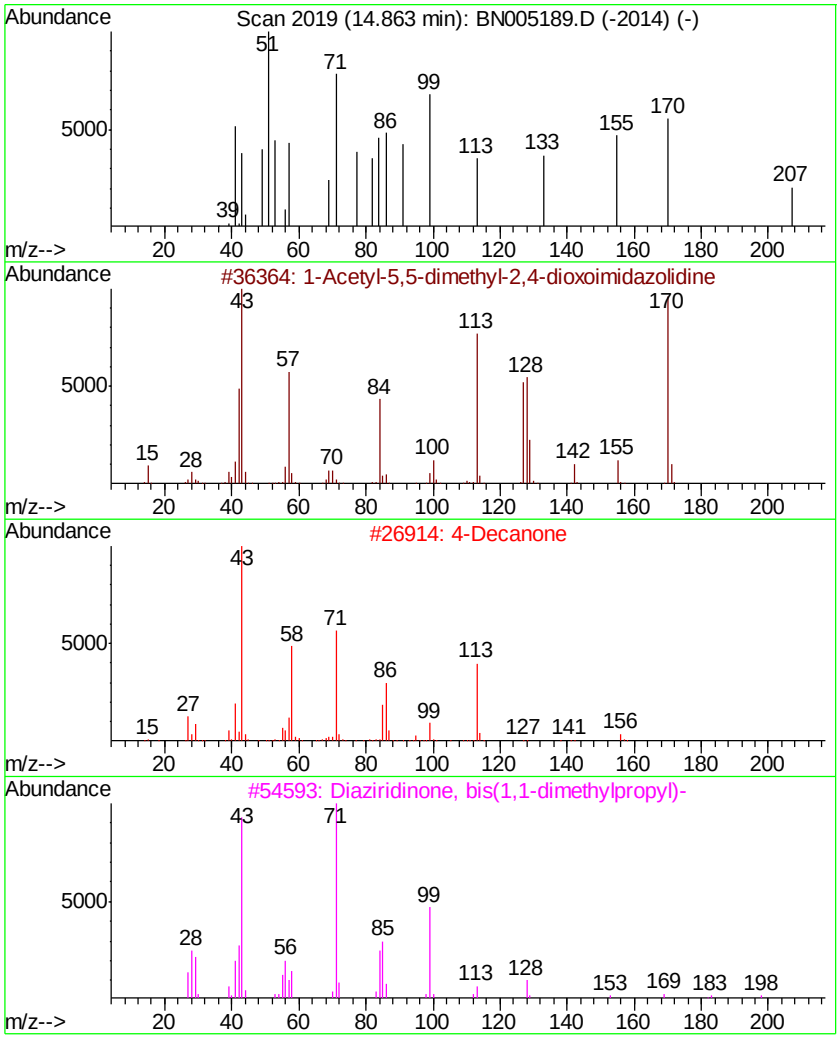
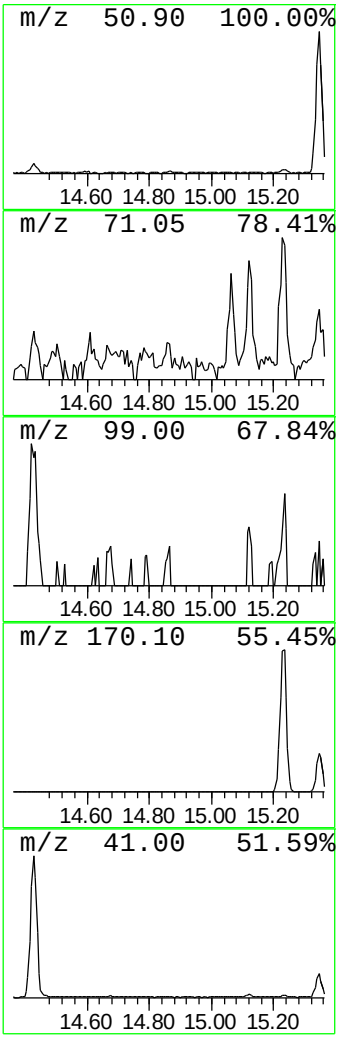
Peak Number 21 unknown-08 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.25 ng/ul	11520	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acetyl-5,5-dimethyl-2,4-dioxoi...	170	C7H10N2O3	006341-67-9	22
2	4-Decanone	156	C10H20O	000624-16-8	12
3	Diaziridinone, bis(1,1-dimethylp...	198	C11H22N2O	019656-75-8	10
4	2,4(1H,3H)-Pyrimidinedione, 5-(h...	170	C7H10N2O3	014181-46-5	9
5	2,4,6,(1H,3H,5H)-Pyrimidinetrion...	170	C6H6N2O4	058713-02-3	9





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Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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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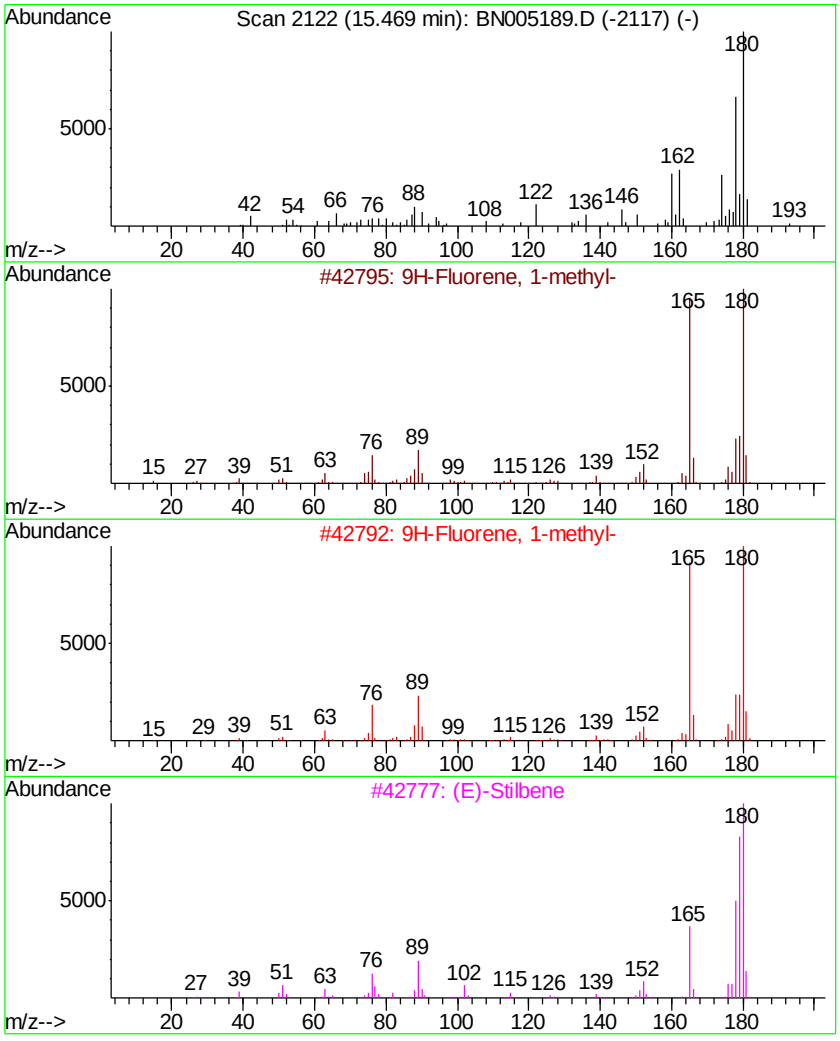
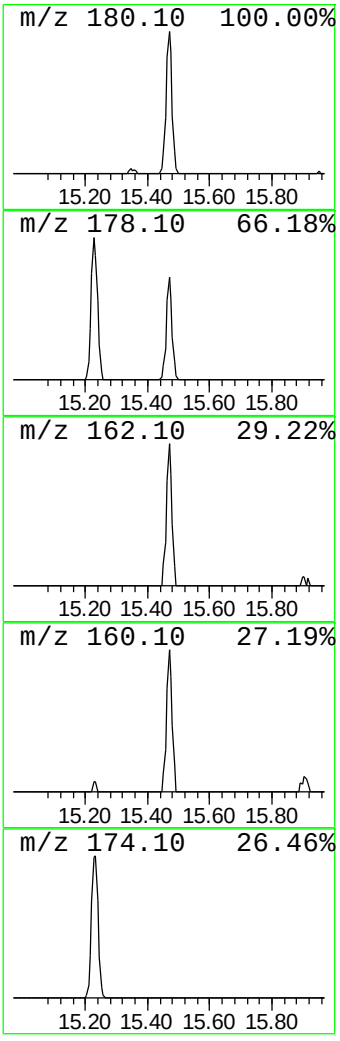
Peak Number 22 unknown-09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	52.11 ng/ul	141386	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	43
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	43
3	(E)-Stilbene	180	C14H12	000103-30-0	35
4	1H-Purine-2,6-dione, 3,7-dihydro...	180	C7H8N4O2	000058-55-9	35
5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	35





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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Quant Title : SVOA CALIBRATION

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

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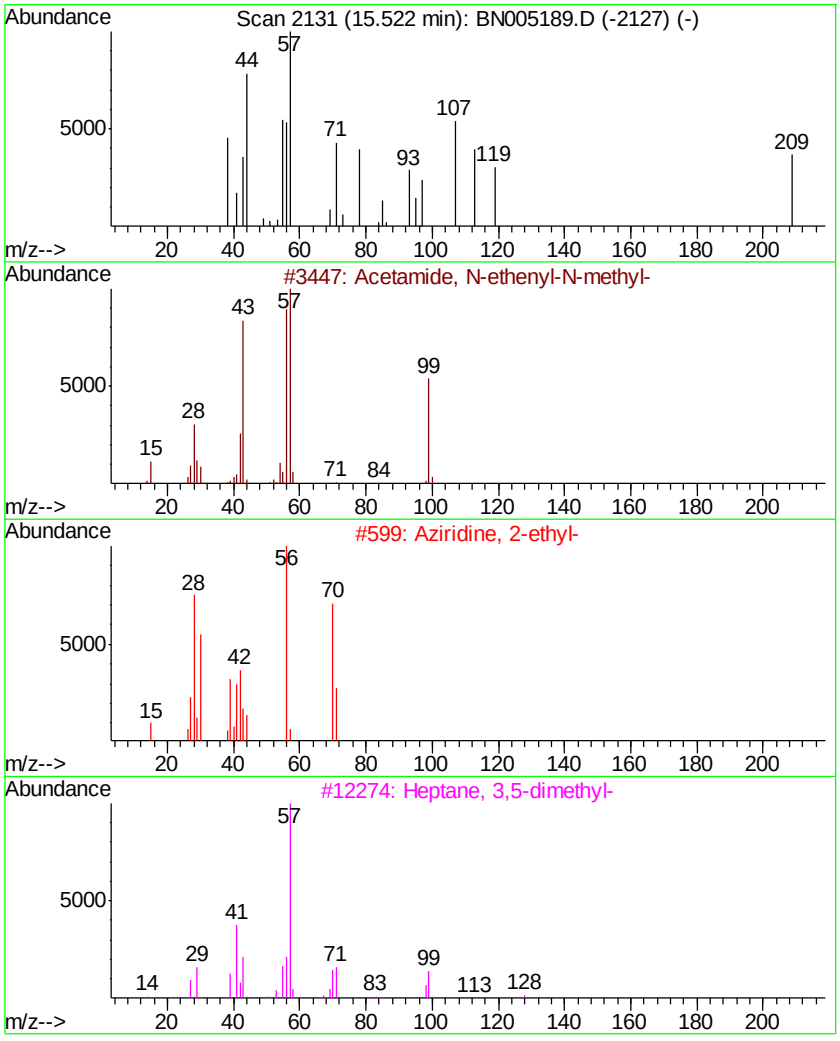
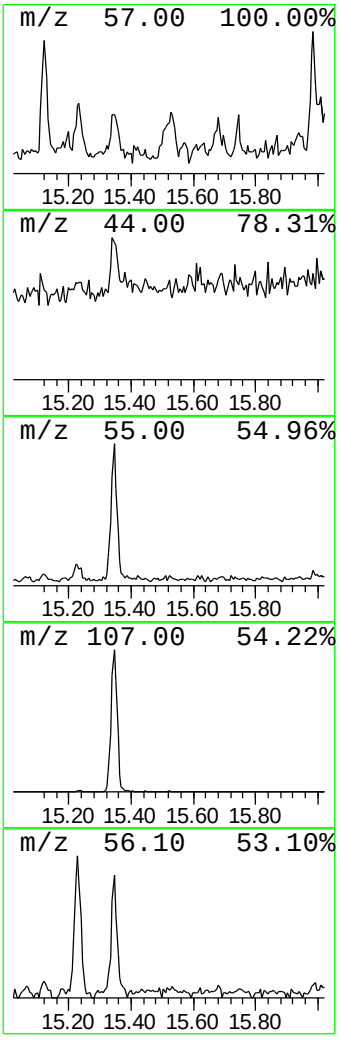
Peak Number 23 unknown-10 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	6.72 ng/ul	18236	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	12
2	Aziridine, 2-ethyl-	71	C4H9N	002549-67-9	10
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	10
4	Azocine, octahydro-	113	C7H15N	001121-92-2	9
5	1,3-Dimethyl-[1,3]diazepane-2,4,...	170	C7H10N2O3	117043-43-3	9





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Operator : JU/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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Quant Title : SVOA CALIBRATION

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

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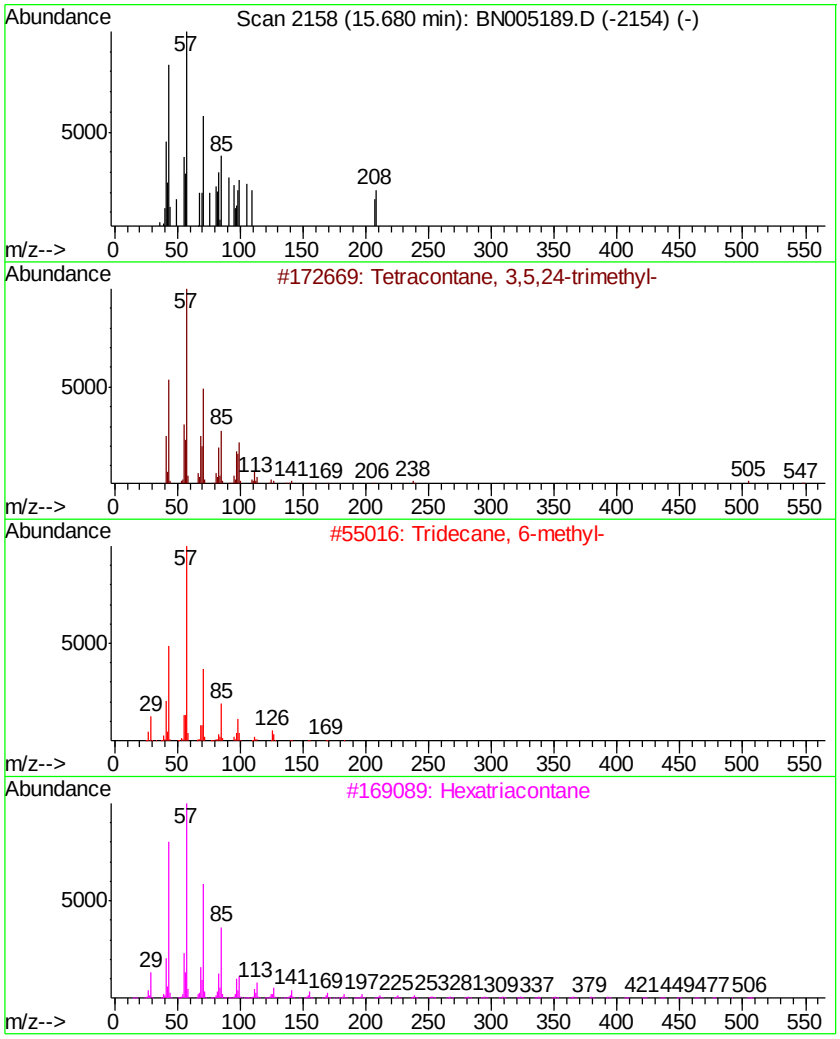
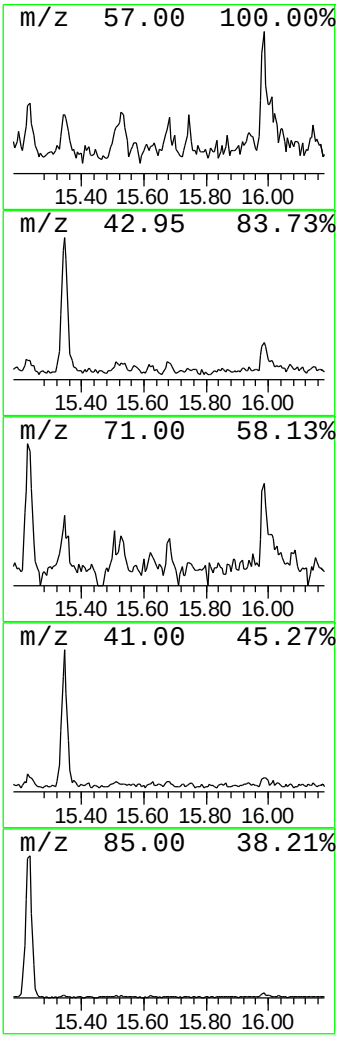
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.54 ng/ul	18107	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	37
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	32
3	Hexatriacontane	507	C36H74	000630-06-8	27
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	27
5	Tetratetracontane	619	C44H90	007098-22-8	27





Library Search Compound Report

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Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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Quant Title : SVOA CALIBRATION

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

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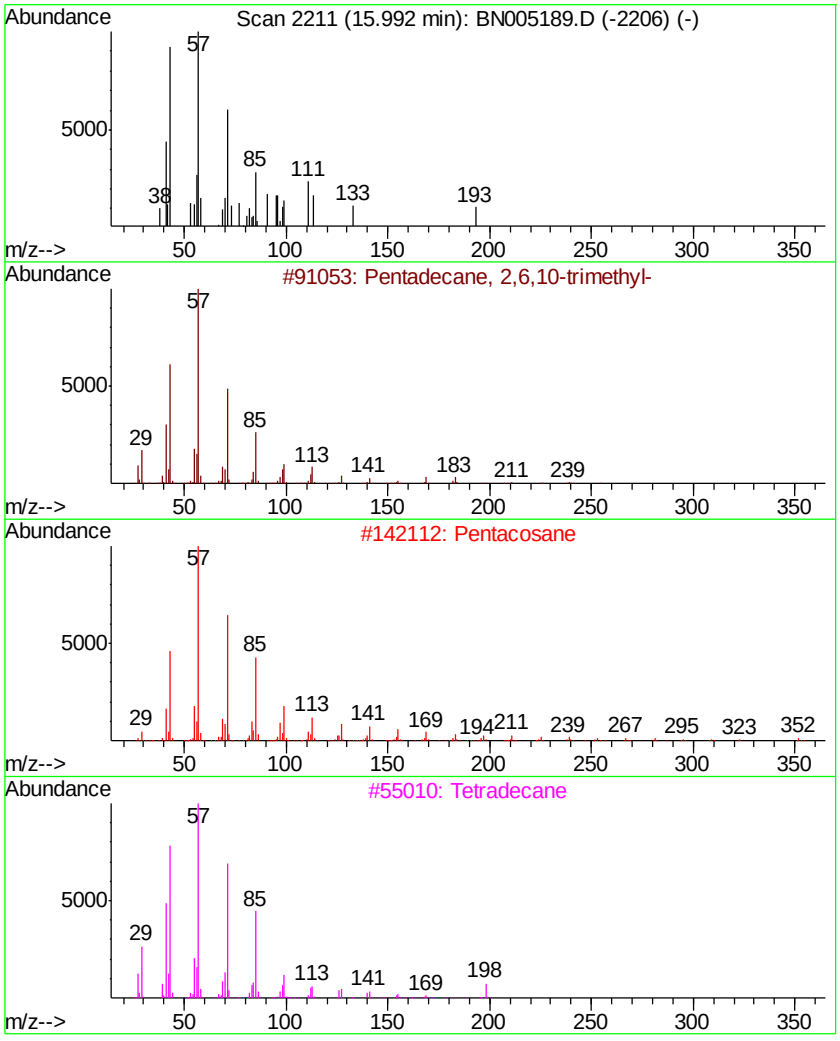
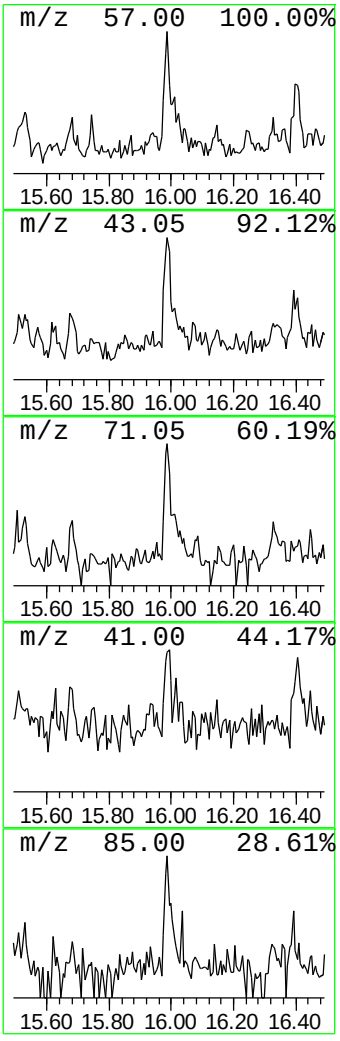
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	9.83 ng/ul	32136	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
2	Pentacosane	352	C25H52	000629-99-2	59
3	Tetradecane	198	C14H30	000629-59-4	53
4	Eicosane	282	C20H42	000112-95-8	53
5	Hexadecane	226	C16H34	000544-76-3	53





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Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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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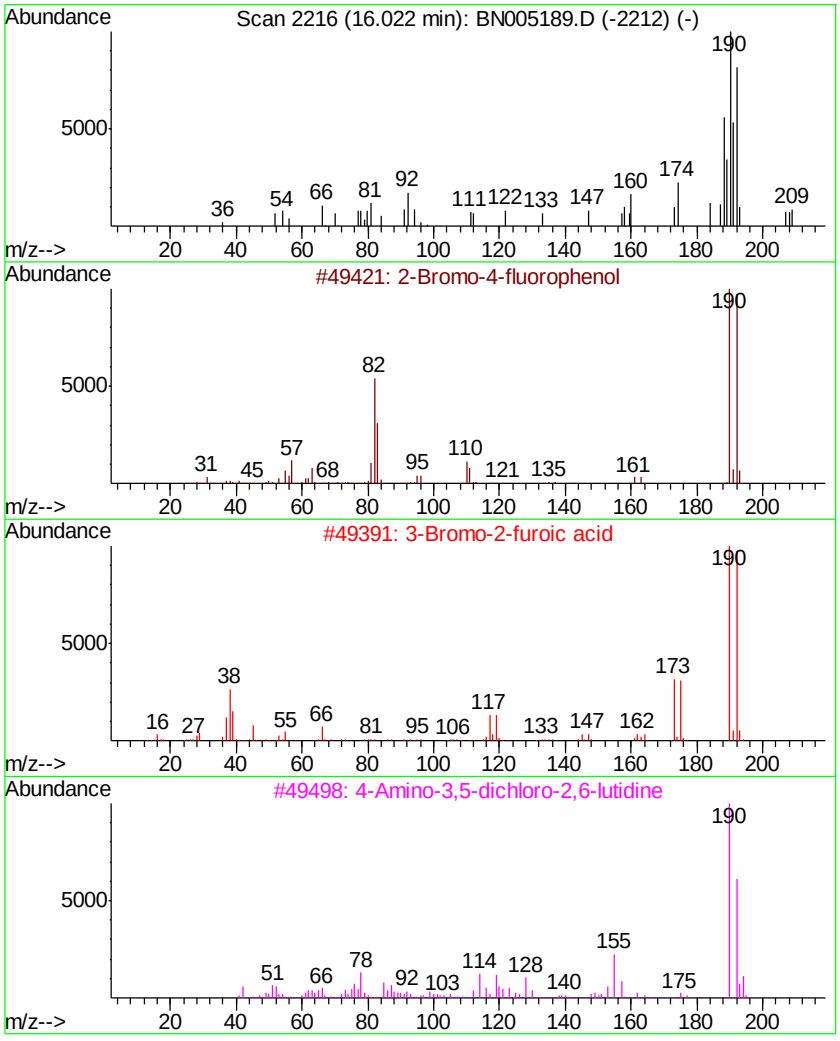
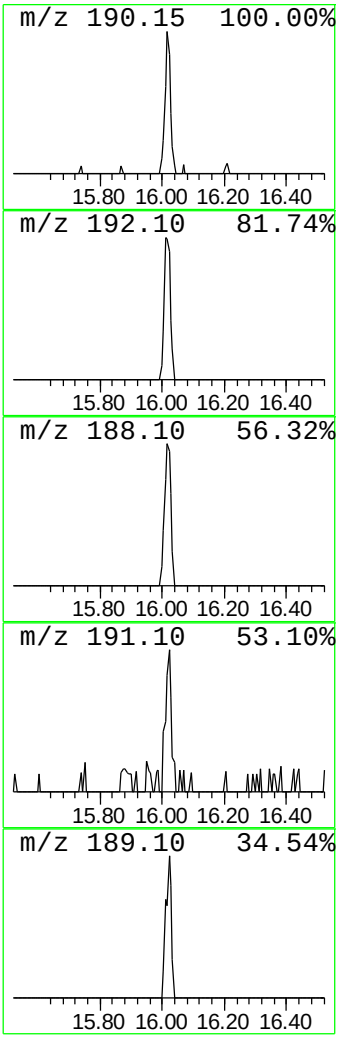
Peak Number 26 unknown-11 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	19.09 ng/ul	62372	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo-4-fluorophenol	190	C6H4BrFO	000496-69-5	43
2	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	37
3	4-Amino-3,5-dichloro-2,6-lutidine	190	C7H8Cl2N2	050978-40-0	37
4	5-Bromofuroic acid	190	C5H3BrO3	000585-70-6	25
5	3,4-Methylenedioxycinnamic acid	192	C10H8O4	002373-80-0	25





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Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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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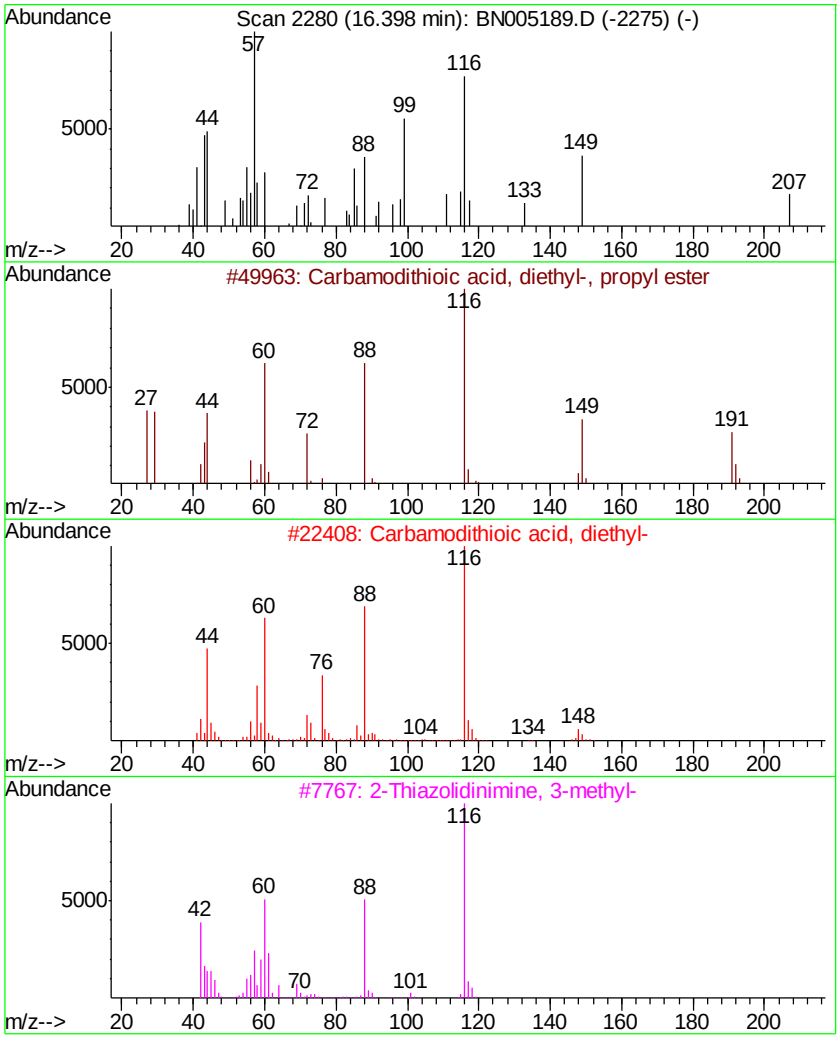
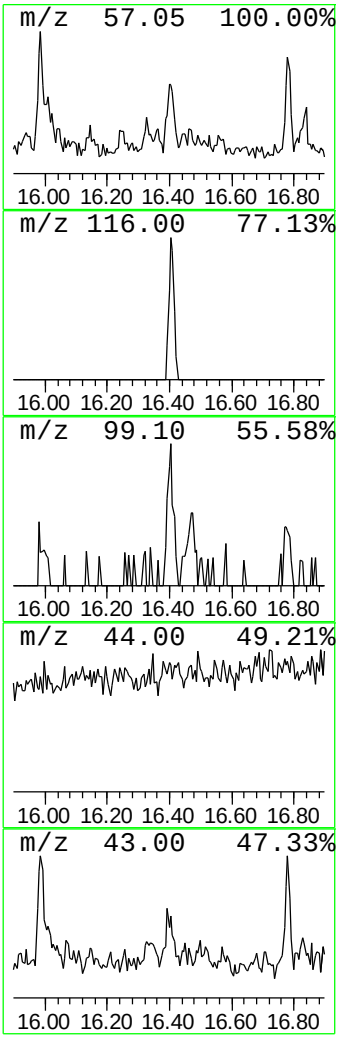
Peak Number 27 unknown-12 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	16.86 ng/ul	55103	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamodithioic acid, diethyl-, ...	191	C8H17NS2	019047-77-9	38
2	Carbamodithioic acid, diethyl-	149	C5H11NS2	000147-84-2	37
3	2-Thiazolidinimine, 3-methyl-	116	C4H8N2S	003732-56-7	35
4	4-Methyl-8-nitrooctane-3,5-dione	201	C9H15NO4	079630-95-8	27
5	Formic acid, ethoxymethylene hyd...	116	C4H8N2O2	006699-99-6	25





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Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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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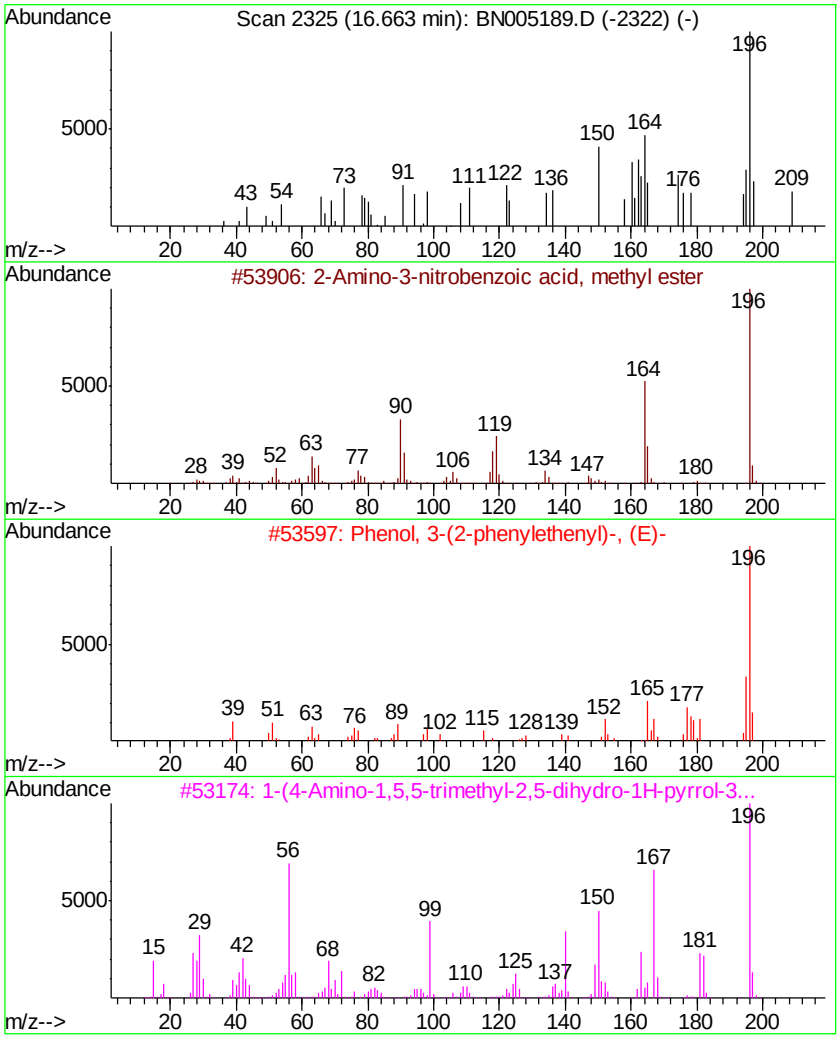
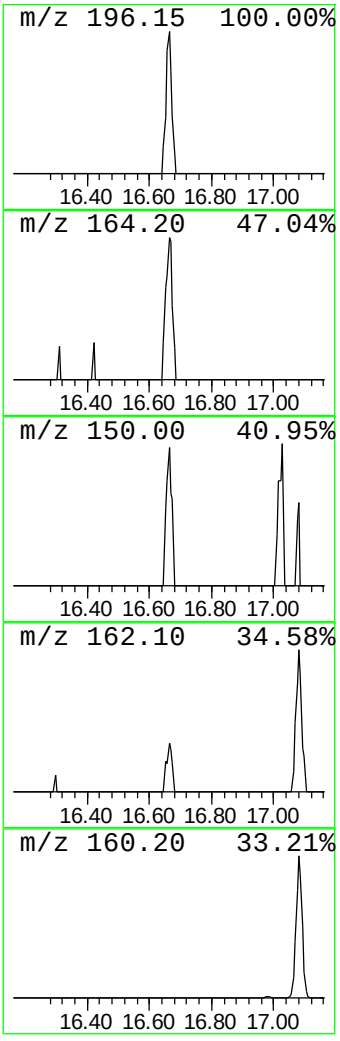
Peak Number 28 unknown-13 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	9.05 ng/ul	29574	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-3-nitrobenzoic acid, met...	196	C8H8N2O4	057113-91-4	38
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	35
3	1-(4-Amino-1,5,5-trimethyl-2,5-d...	196	C10H16N2O2	1000287-41-6	32
4	Benzaldehyde, 2,3,4-trimethoxy-	196	C10H12O4	002103-57-3	27
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	25





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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Quant Title : SVOA CALIBRATION

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

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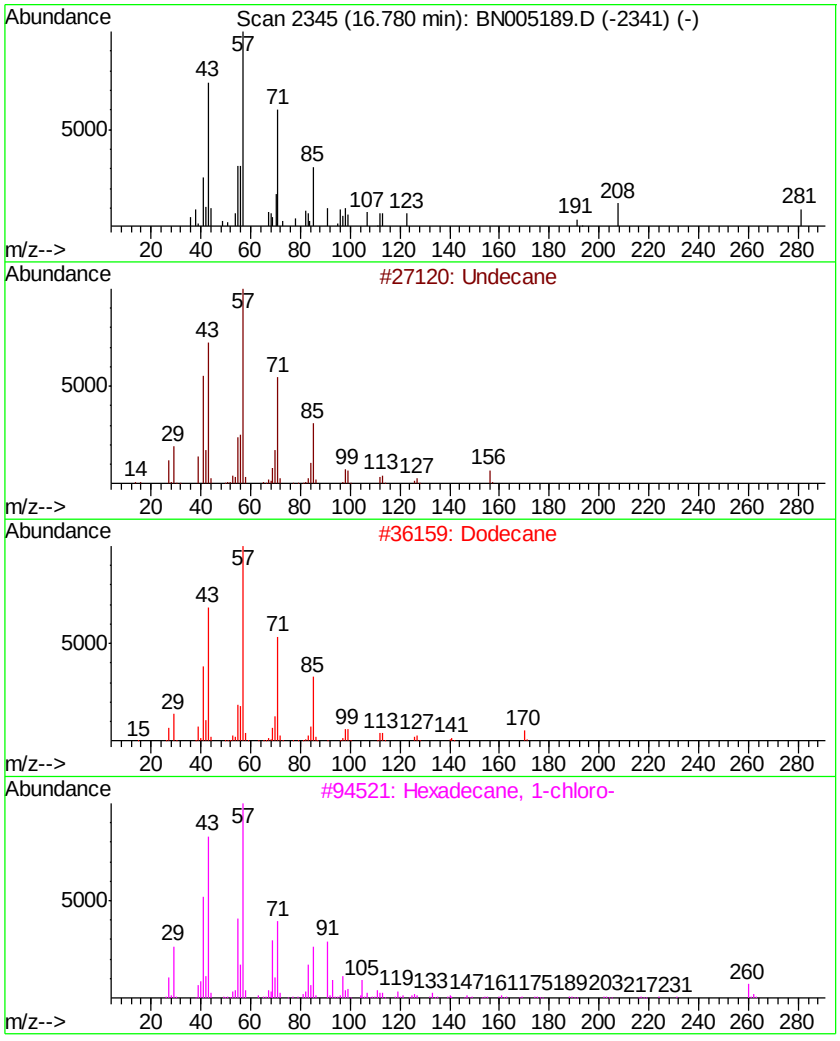
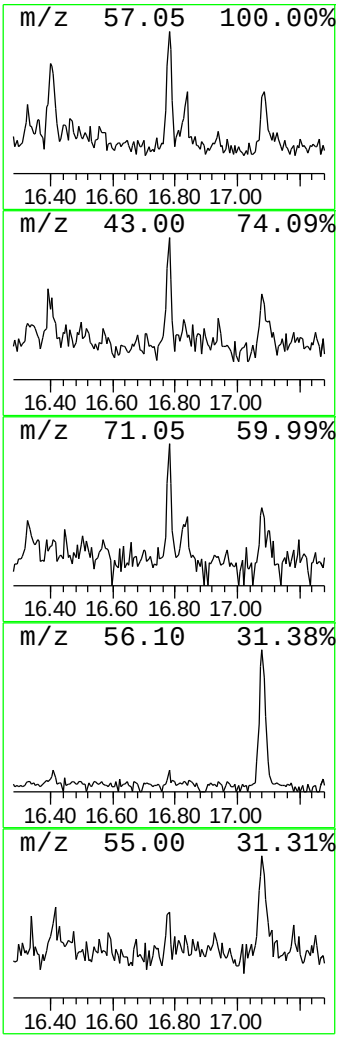
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	9.67 ng/ul	31617	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	53
2	Dodecane	170	C12H26	000112-40-3	50
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	50
4	Decane, 3-methyl-	156	C11H24	013151-34-3	50
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	50





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
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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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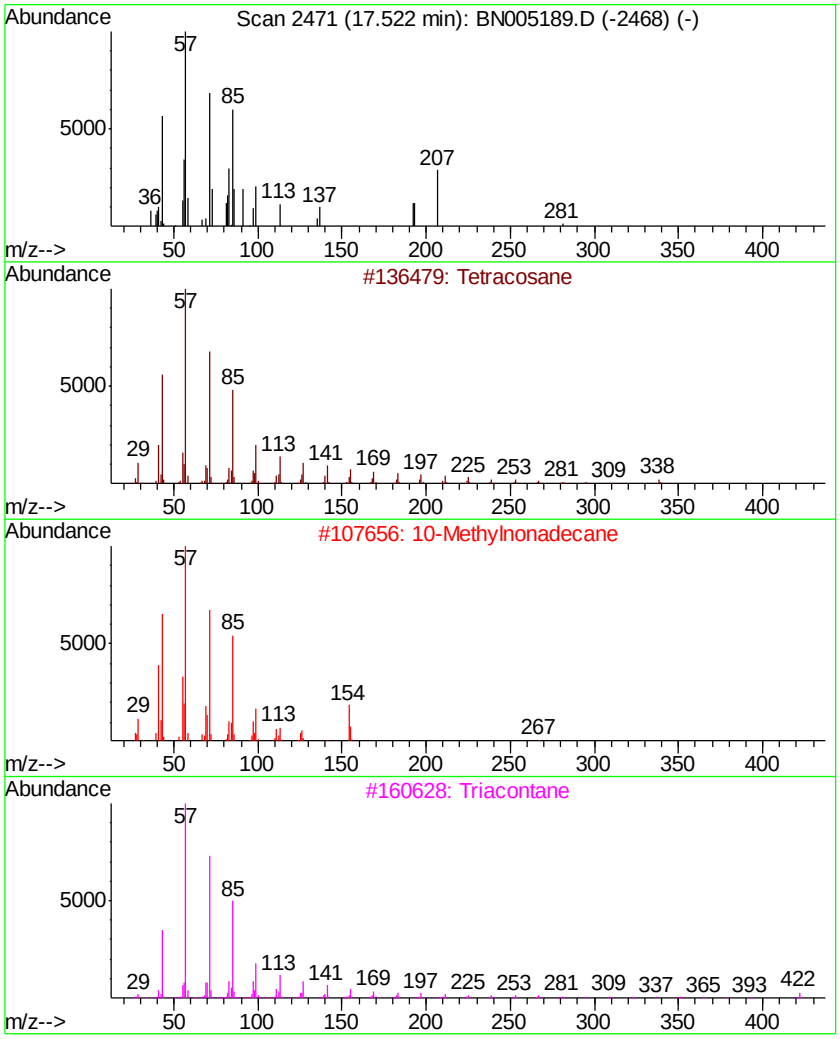
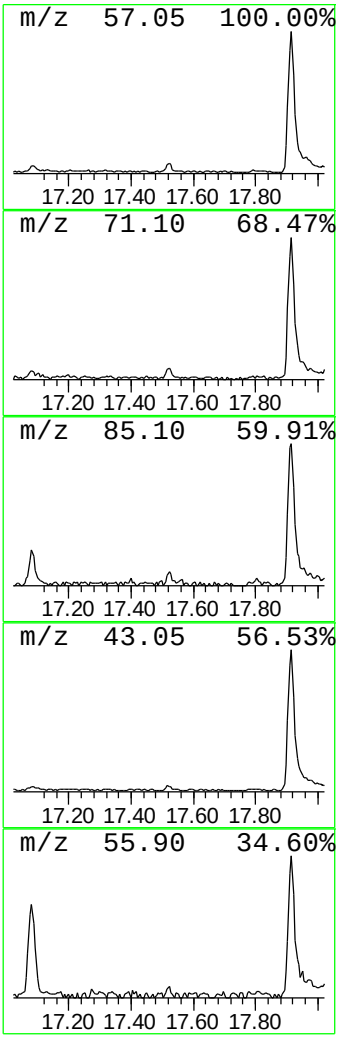
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	5.88 ng/ul	19218	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	43
2	10-Methylnonadecane	282	C20H42	056862-62-5	43
3	Triacontane	422	C30H62	000638-68-6	43
4	Heneicosane	296	C21H44	000629-94-7	43
5	Pentatriacontane	493	C35H72	000630-07-9	43





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : GAHR2

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Quant Title : SVOA CALIBRATION

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

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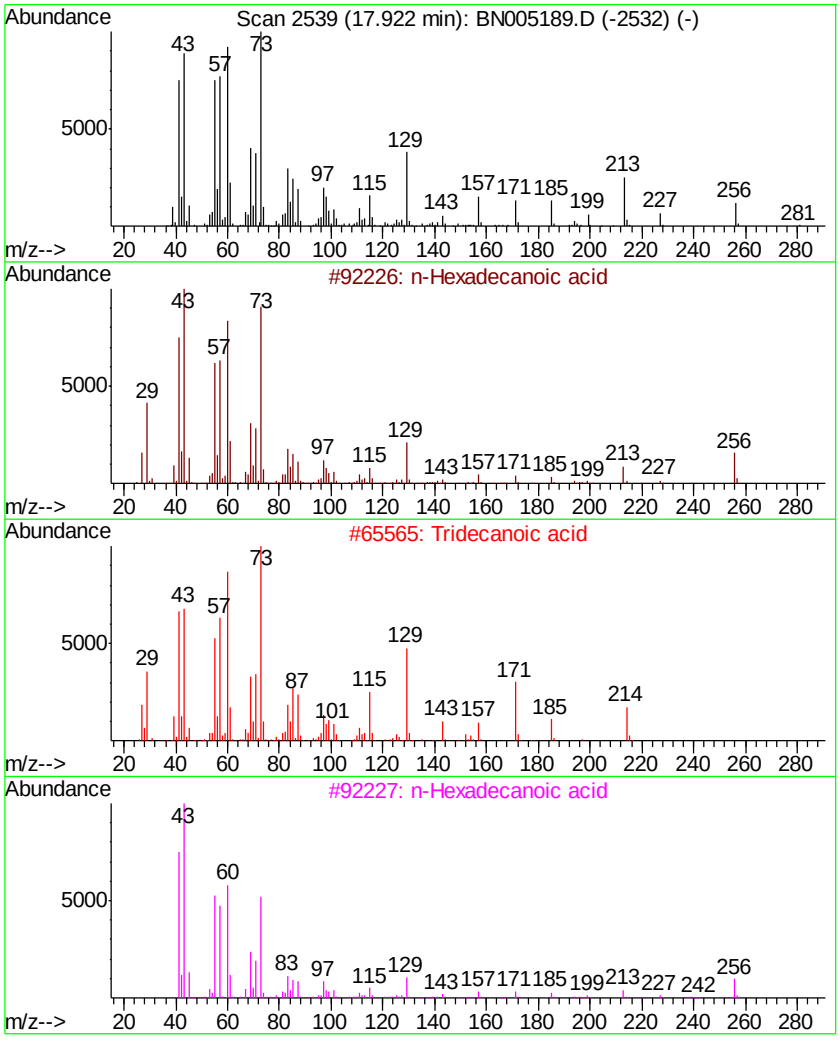
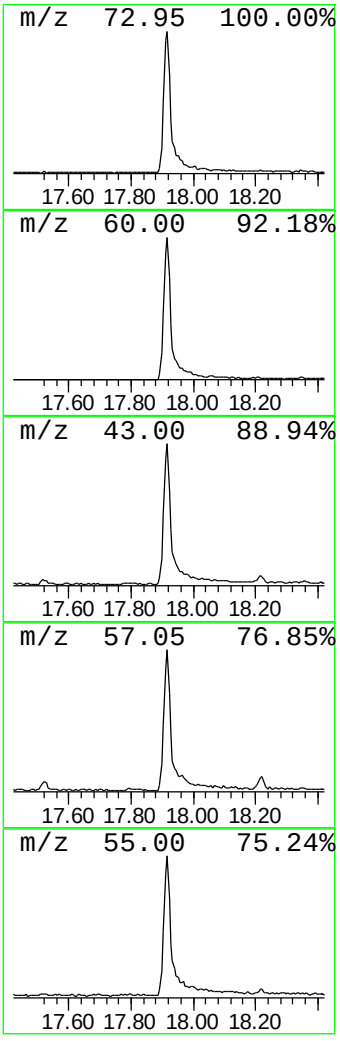
Peak Number 34 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	469.09 ng/ul	1532970	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

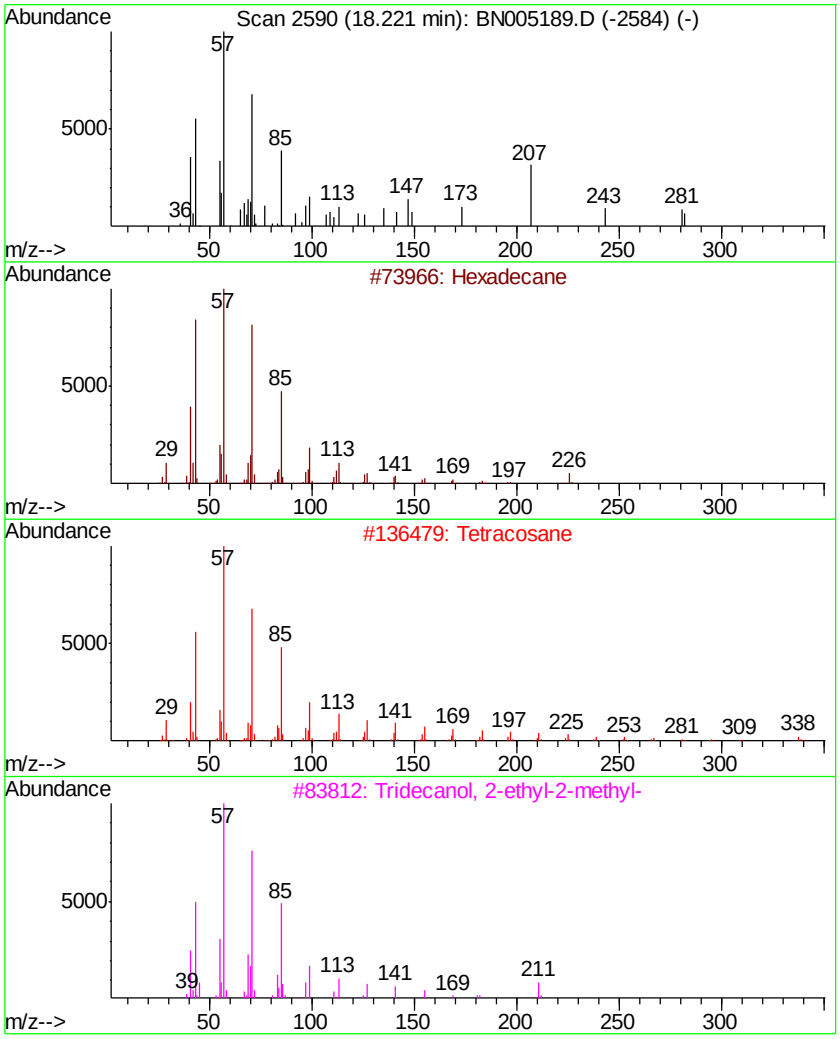
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

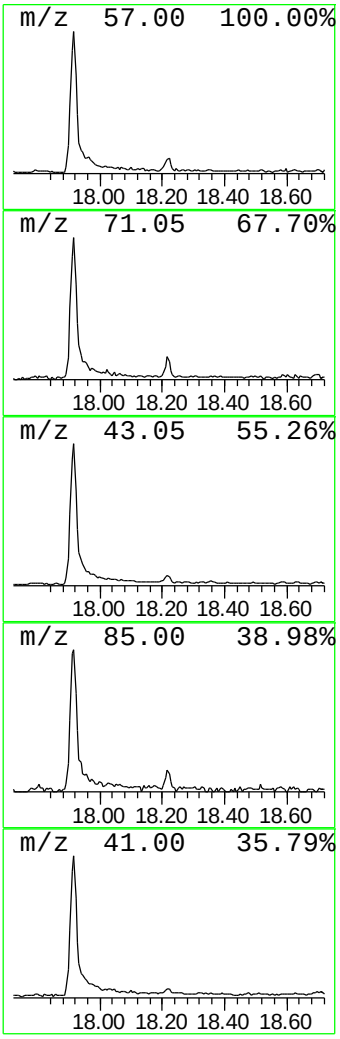
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	13.37 ng/ul	43684	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	50
2	Tetracosane	338	C24H50	000646-31-1	50
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	50
4	Nonacosane	408	C29H60	000630-03-5	50
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50





Library Search Compound Report

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Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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

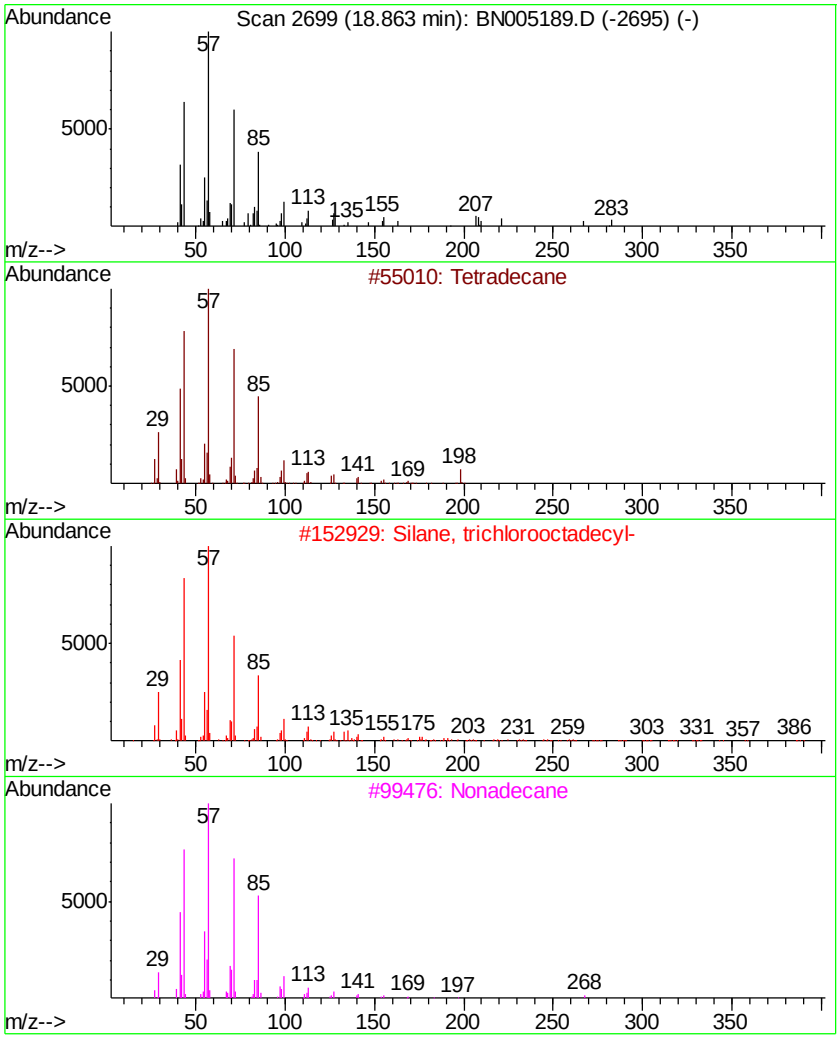
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

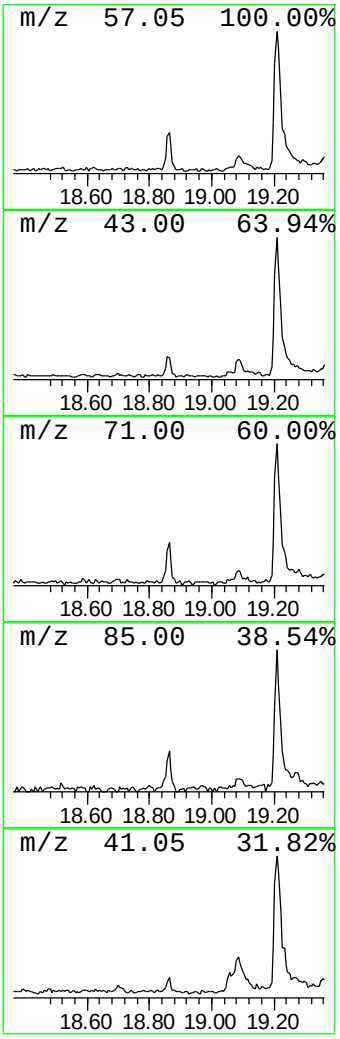
****

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	21.01 ng/ul	68672	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	74
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	74
3	Nonadecane	268	C19H40	000629-92-5	74
4	Eicosane	282	C20H42	000112-95-8	74
5	Octadecane	254	C18H38	000593-45-3	72





Library Search Compound Report

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Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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

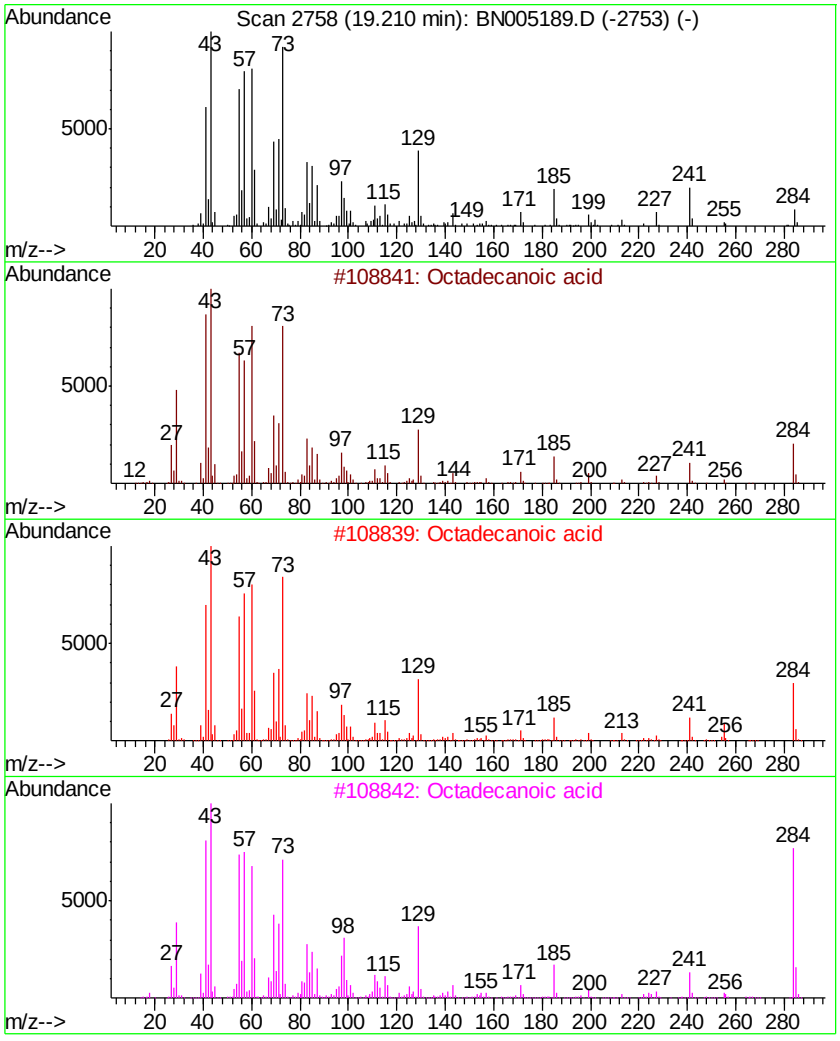
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

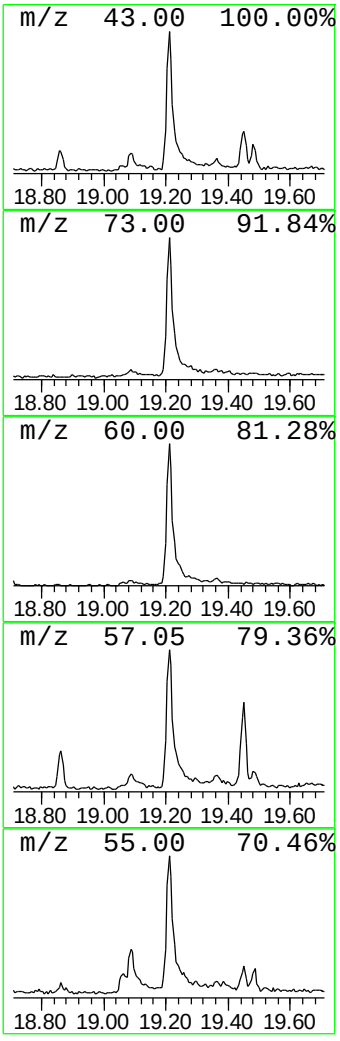
****

Peak Number 38 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	32.62 ng/ul	879587	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

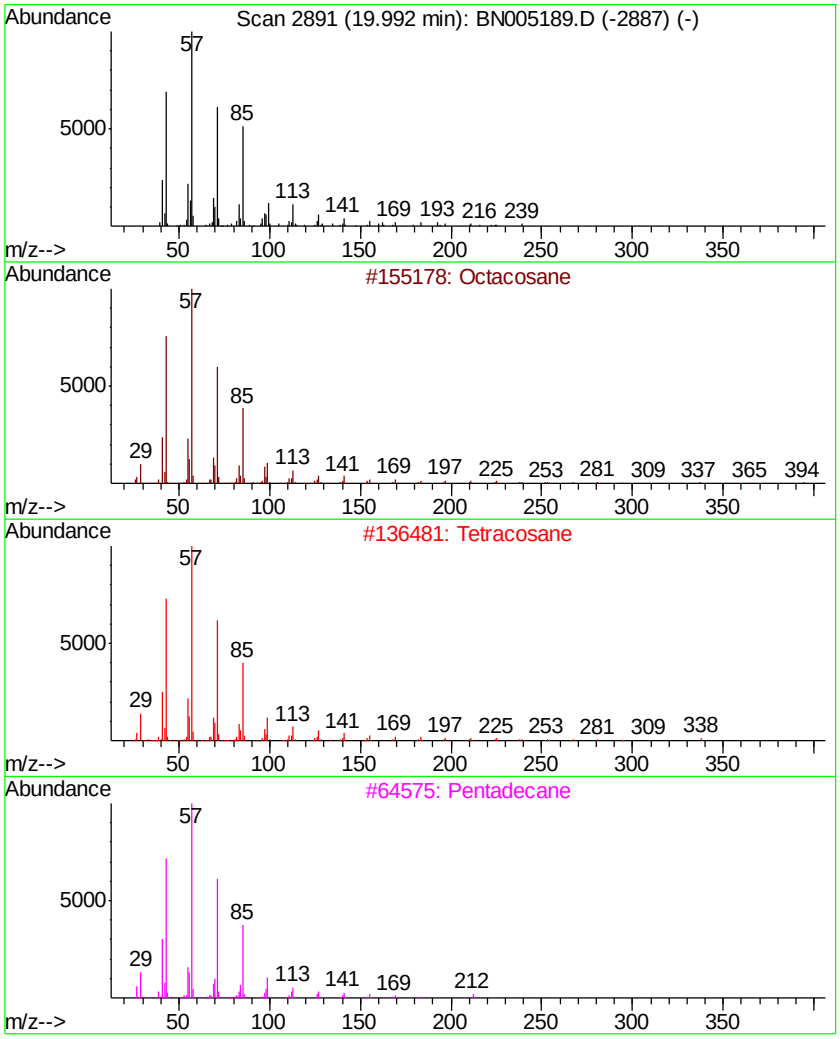
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

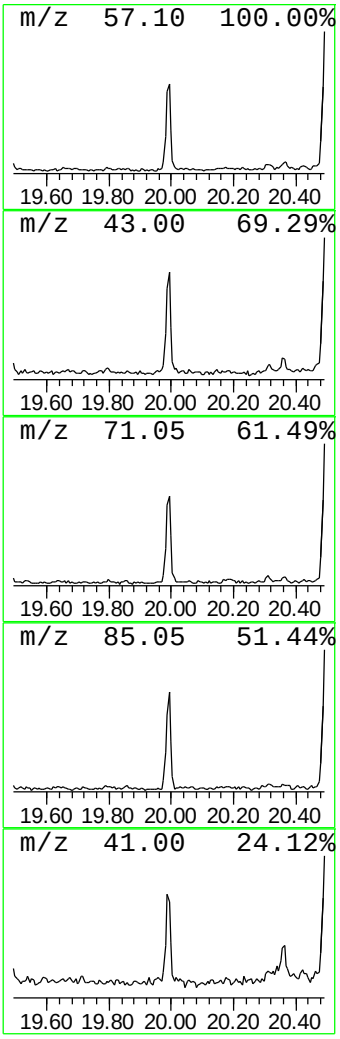
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	7.11 ng/ul	191628	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

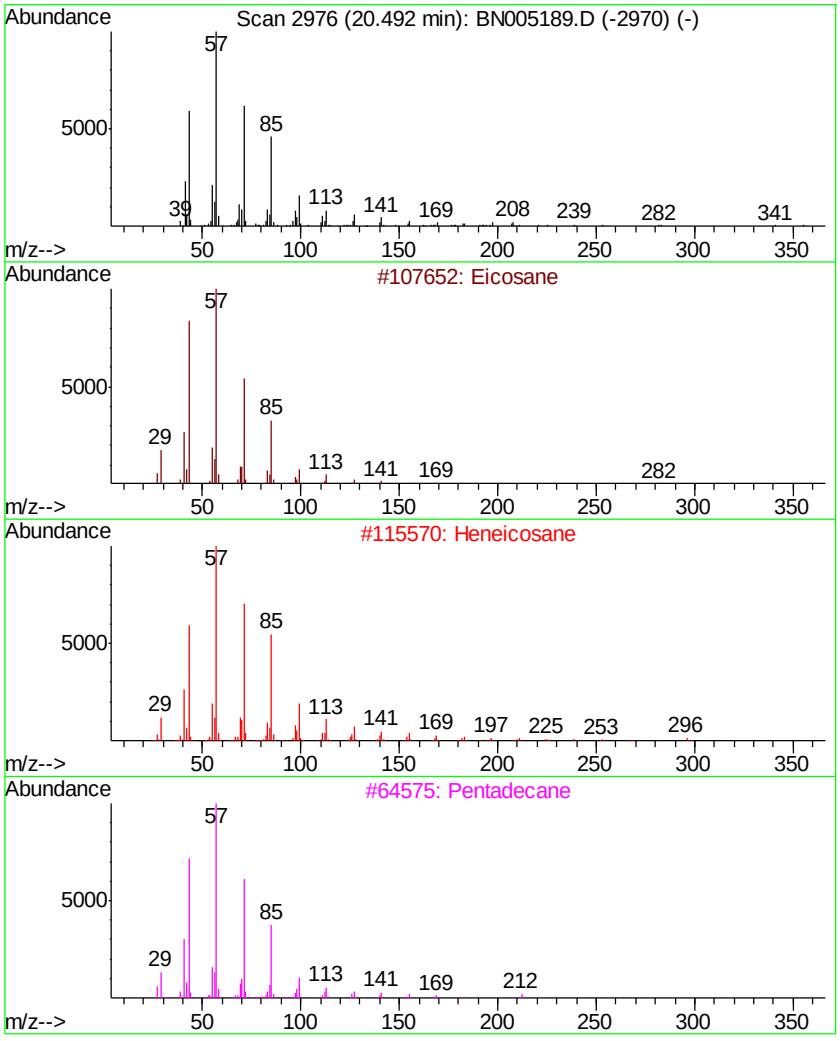
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

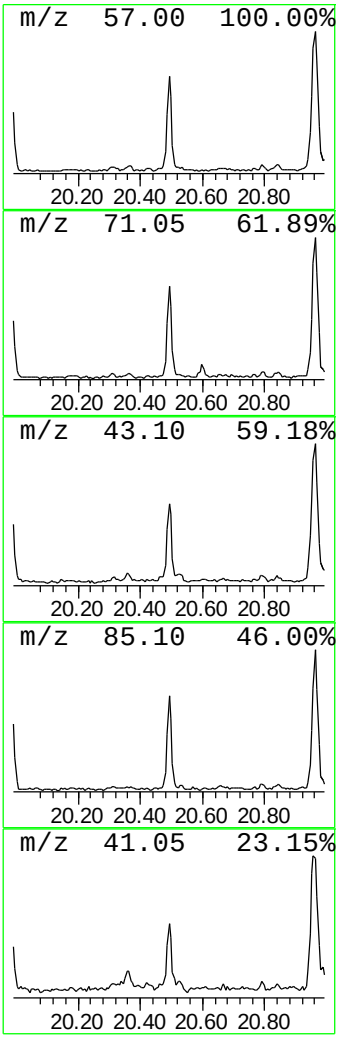
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	11.63 ng/ul	313592	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

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Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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Quant Title : SVOA CALIBRATION

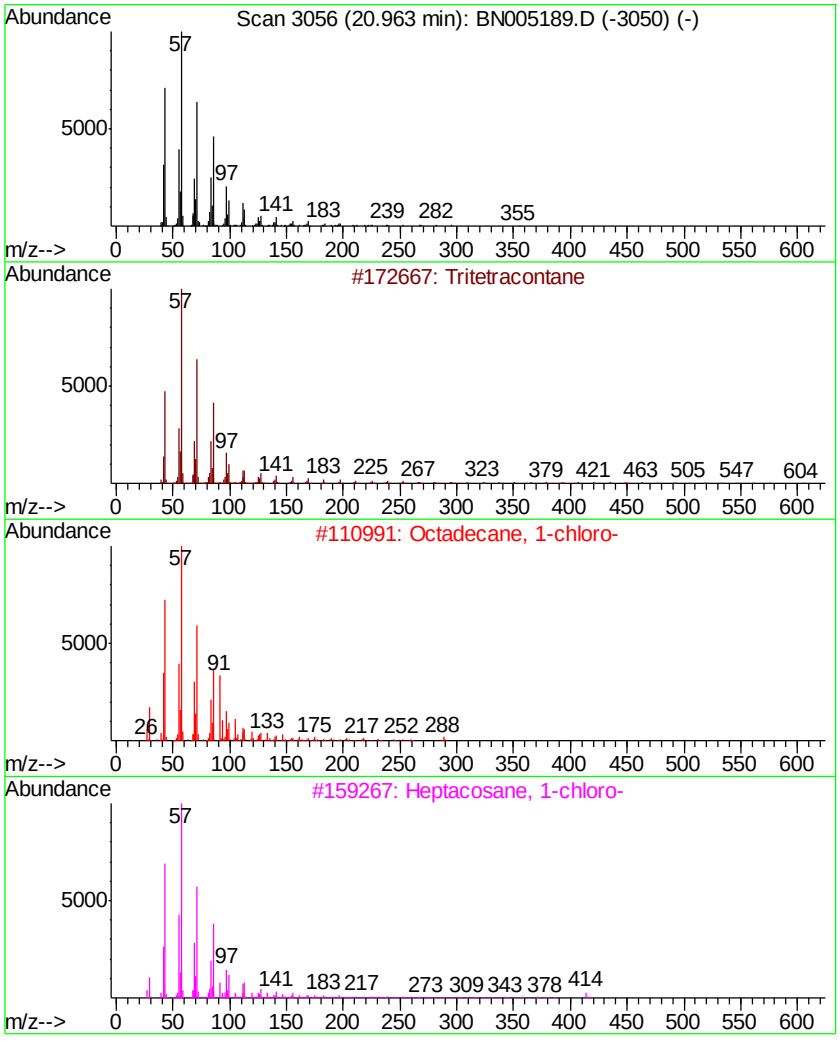
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

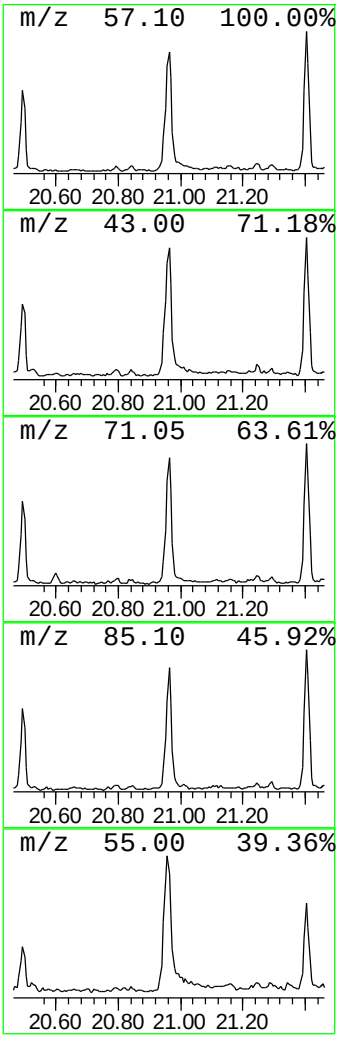
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	37.08 ng/ul	999906	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83
4	Octadecane	254	C18H38	000593-45-3	70
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	64





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Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

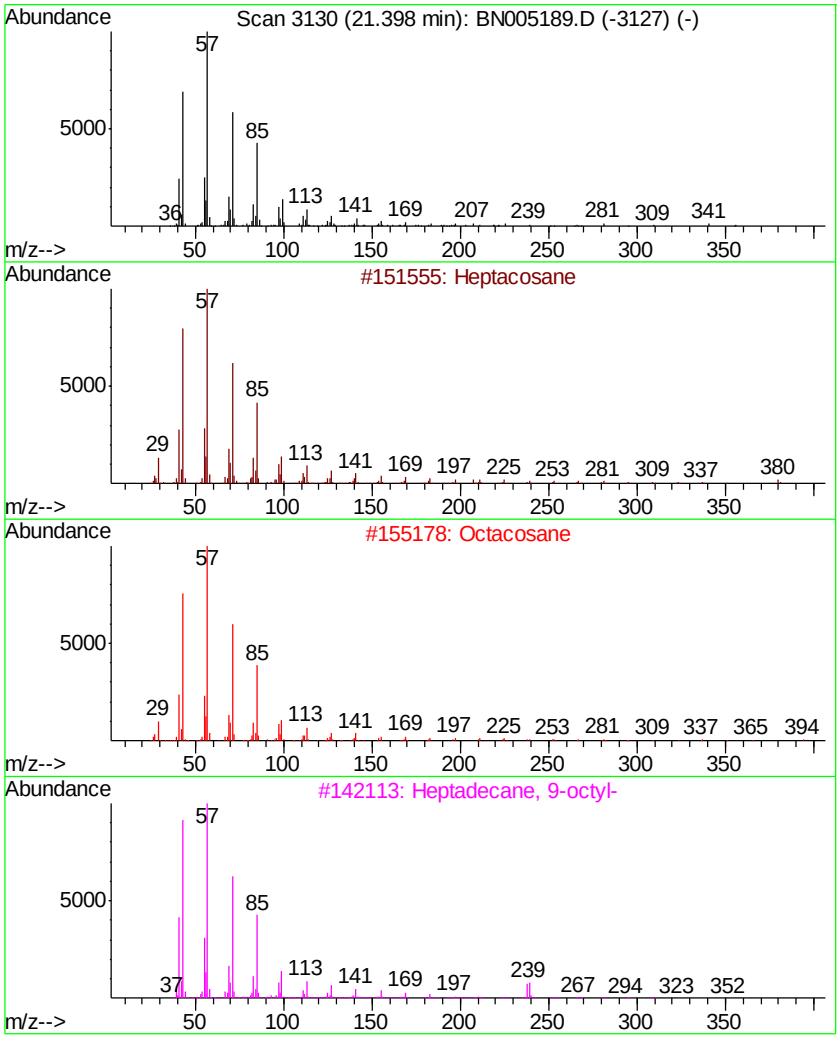
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

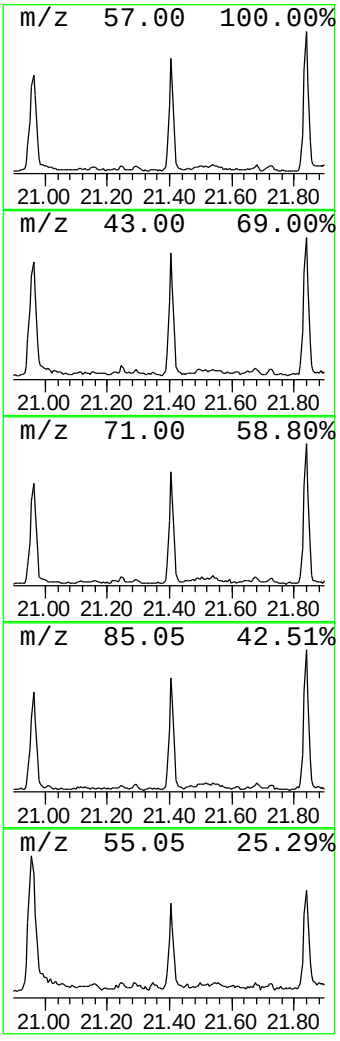
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	20.00 ng/ul	539306	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





Library Search Compound Report

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Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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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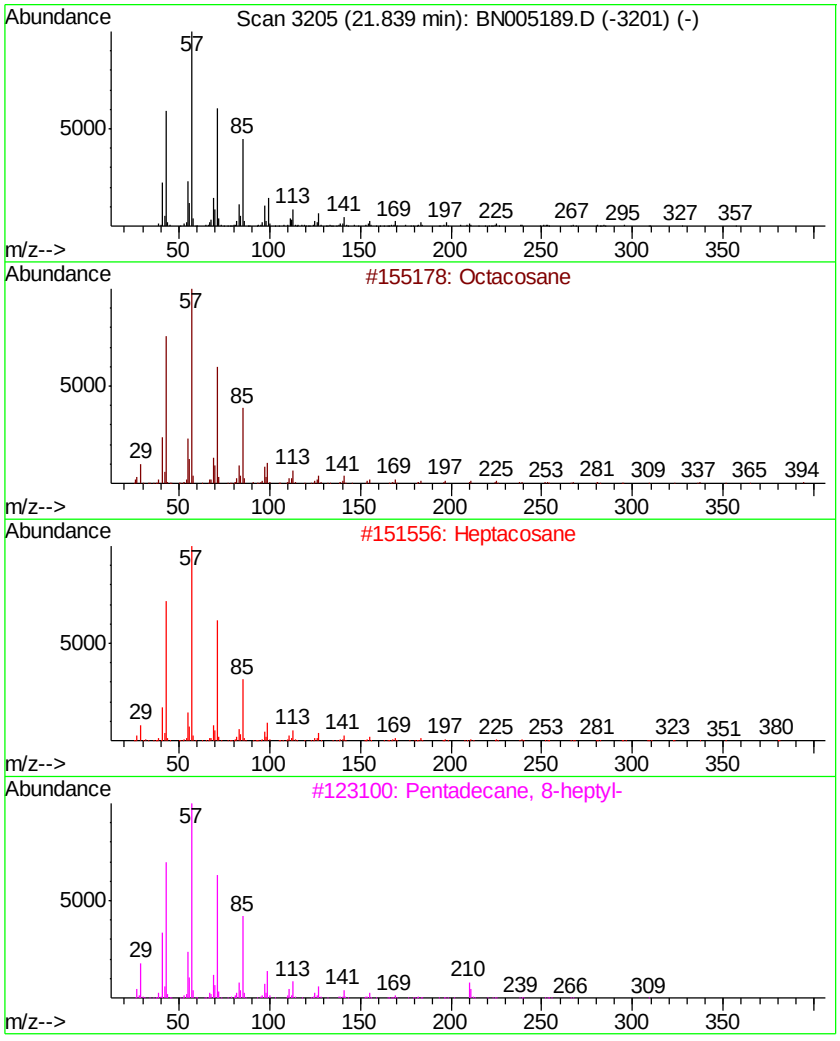
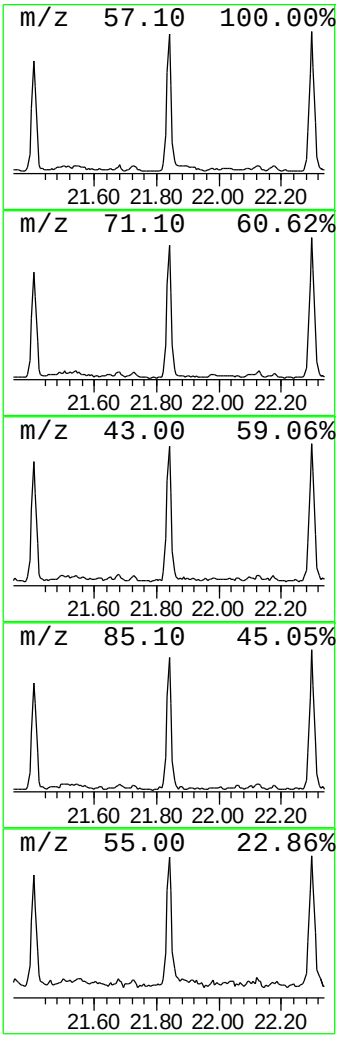
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	25.45 ng/ul	686298	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

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Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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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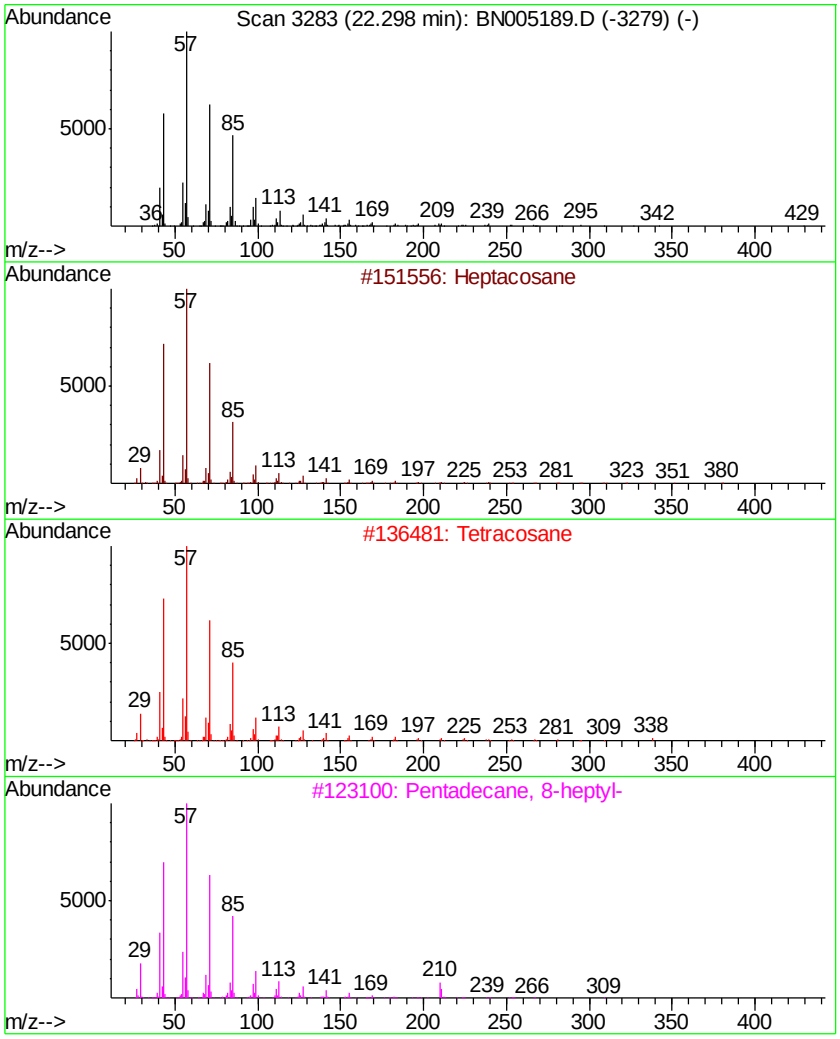
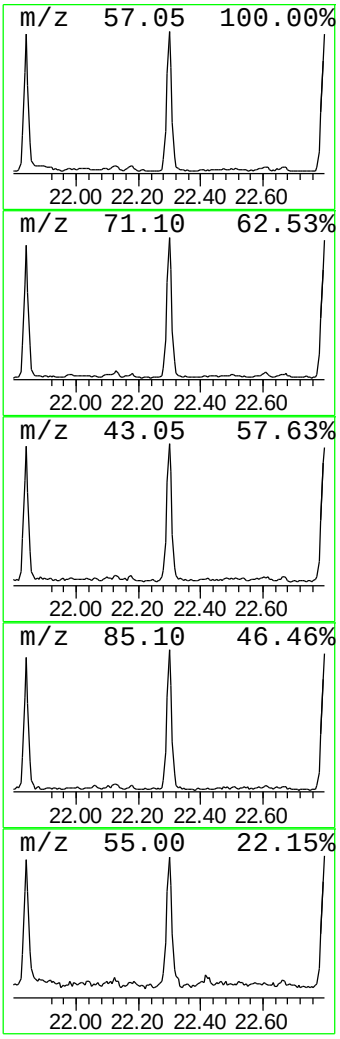
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	27.77 ng/ul	748829	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Tetratetracontane	619	C44H90	007098-22-8	87





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Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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

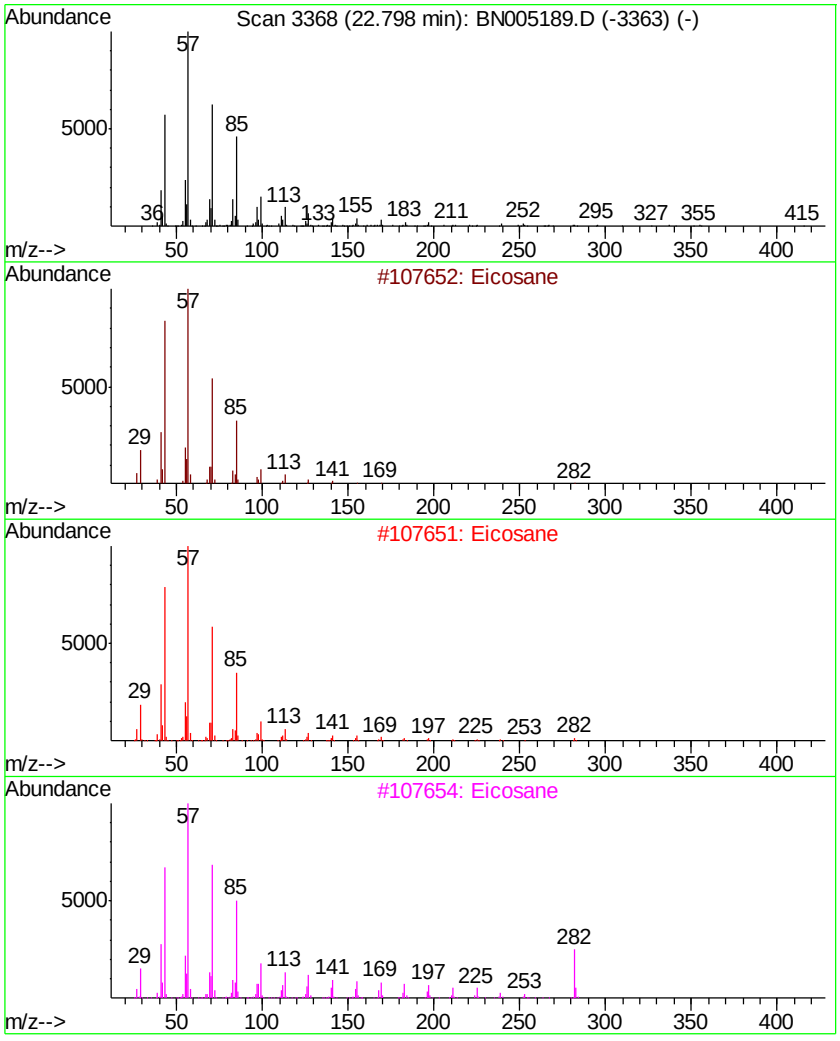
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

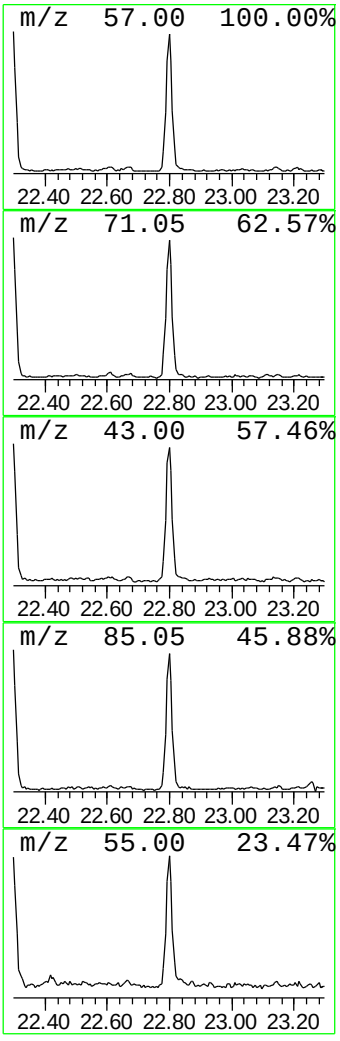
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	18.09 ng/ul	874287	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

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Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

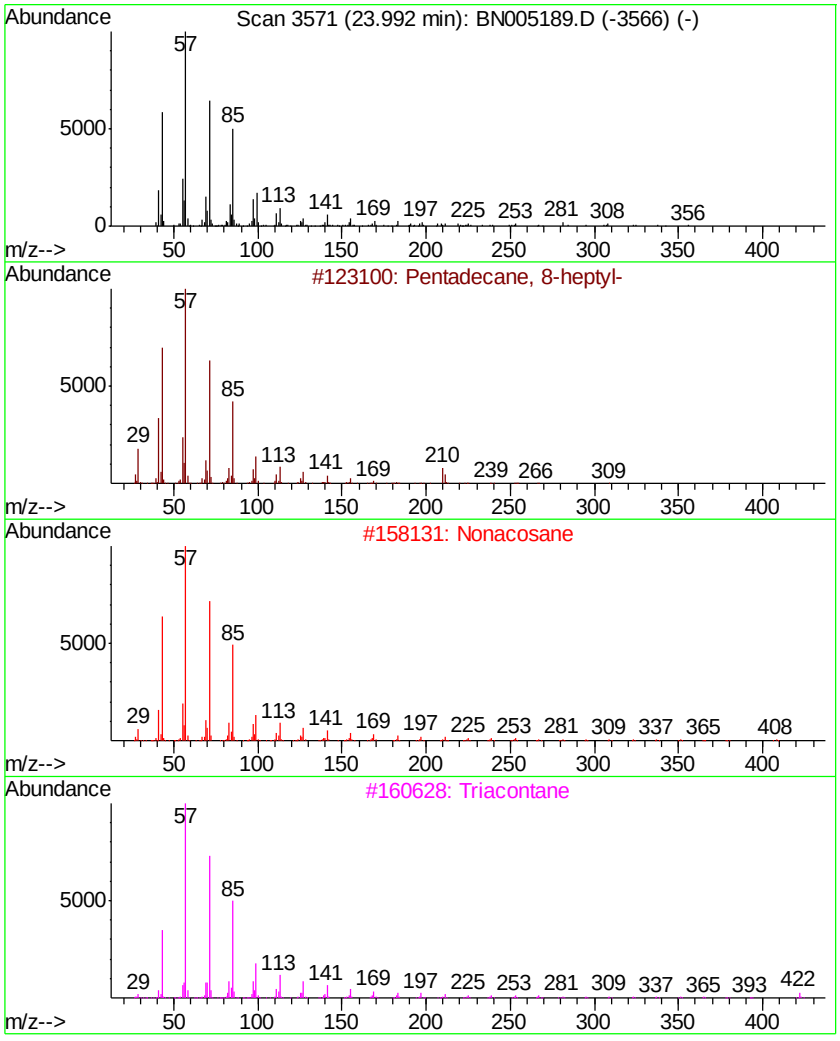
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

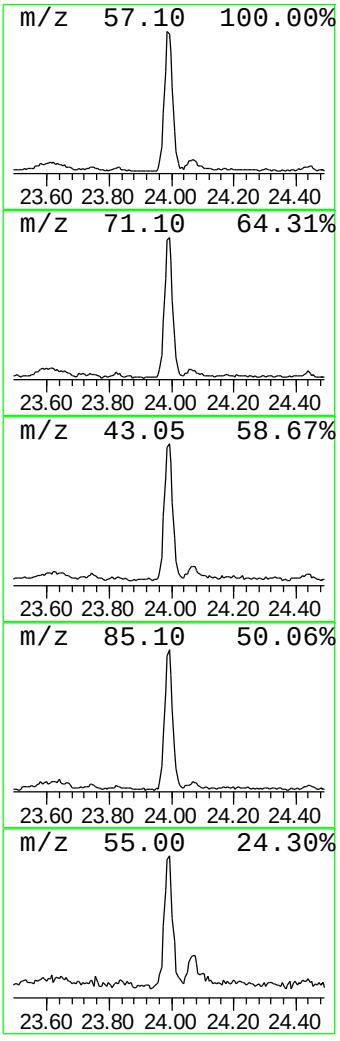
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	17.12 ng/ul	827561	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Nonacosane	408	C29H60	000630-03-5	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Docosane	310	C22H46	000629-97-0	86





Library Search Compound Report

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Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

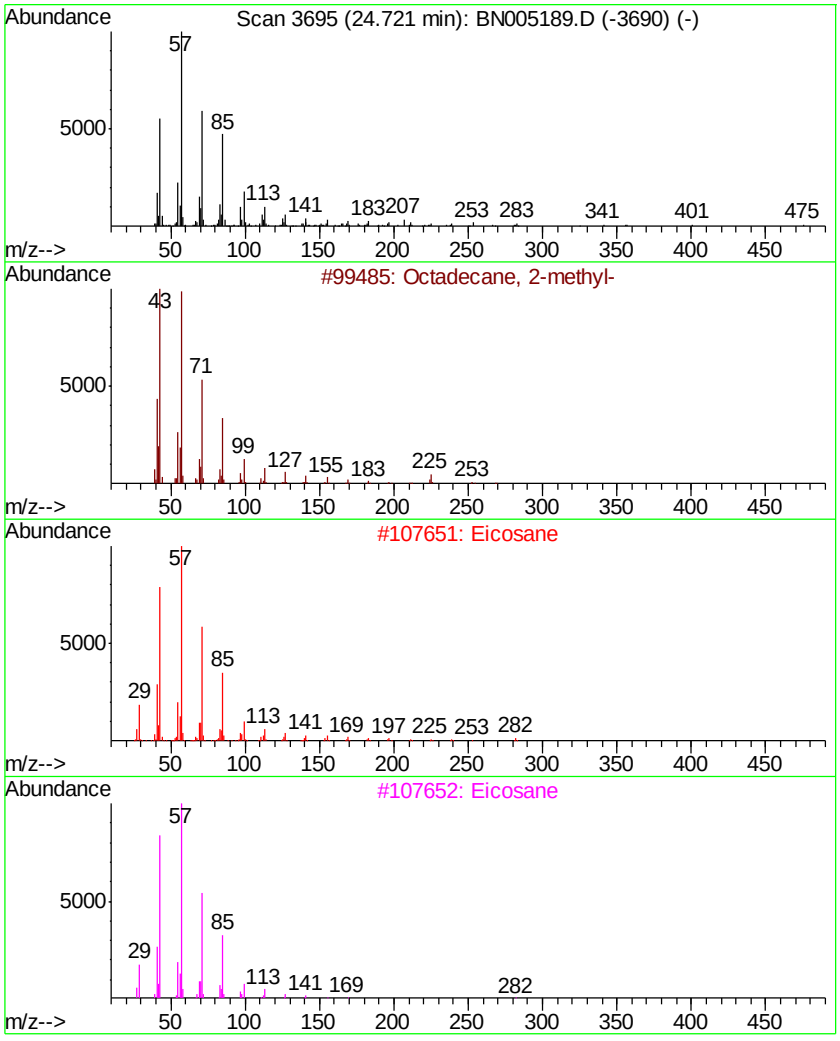
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

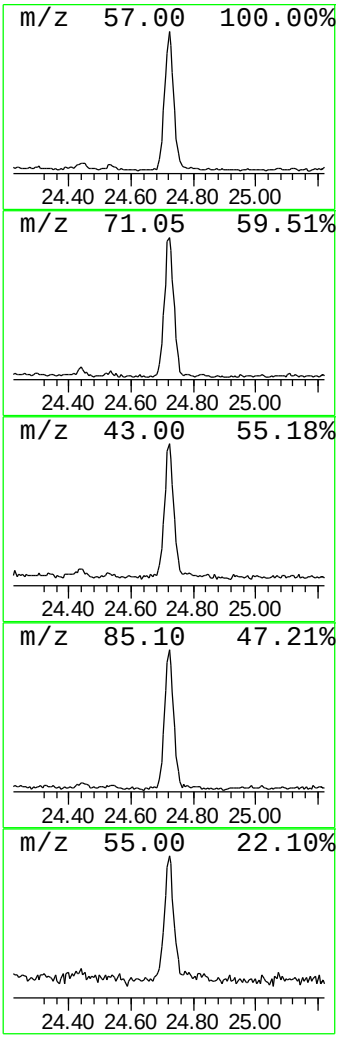
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	12.50 ng/ul	604044	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Nonacosane	408	C29H60	000630-03-5	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005189.D
Acq On : 22 Apr 2019 23:53
Operator : JU/SJ
Sample : K2455-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR2

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
Chloroiodomethane	3.48	16.4	ng/ul	15027	1	7.60	18320	20.0
Hexanal	4.26	36.7	ng/ul	33650	1	7.60	18320	20.0
Ethanol, 2-butoxy-	5.73	27.1	ng/ul	24782	1	7.60	18320	20.0
.beta.-D-Ribopyra...	6.60	28.4	ng/ul	26010	1	7.60	18320	20.0
1-Hexanol, 2-ethyl-	7.67	99.5	ng/ul	91129	1	7.60	18320	20.0
Nonanal	8.91	36.7	ng/ul	33640	1	7.60	18320	20.0
Cyclopentasiloxan...	9.20	97.8	ng/ul	110568	2	10.36	22610	20.0
unknown-01	11.31	25.9	ng/ul	29224	2	10.36	22610	20.0
unknown-02	11.79	22.6	ng/ul	25584	2	10.36	22610	20.0
unknown-03	11.95	81.9	ng/ul	92587	2	10.36	22610	20.0
Benzocycloheptatr...	12.25	20.9	ng/ul	23678	2	10.36	22610	20.0
2-Butenal, (E)-	12.69	5.2	ng/ul	13974	3	14.23	54268	20.0
unknown-04	12.96	9.8	ng/ul	26449	3	14.23	54268	20.0
unknown-05	13.15	5.7	ng/ul	15372	3	14.23	54268	20.0
unknown-06	13.46	4.7	ng/ul	12871	3	14.23	54268	20.0
Naphthalene, 2,3-...	13.55	8.4	ng/ul	22822	3	14.23	54268	20.0
1-Octanol, 2-butyl-	14.16	10.8	ng/ul	29317	3	14.23	54268	20.0
unknown-07	14.67	8.1	ng/ul	21924	3	14.23	54268	20.0
unknown-08	14.86	4.3	ng/ul	11520	3	14.23	54268	20.0
unknown-09	15.47	52.1	ng/ul	141386	3	14.23	54268	20.0
unknown-10	15.52	6.7	ng/ul	18236	3	14.23	54268	20.0
(DEL) Alkane: Str...	15.68	5.5	ng/ul	18107	4	16.98	65360	20.0
(DEL) Alkane: Str...	15.99	9.8	ng/ul	32136	4	16.98	65360	20.0
unknown-11	16.02	19.1	ng/ul	62372	4	16.98	65360	20.0
unknown-12	16.40	16.9	ng/ul	55103	4	16.98	65360	20.0
unknown-13	16.66	9.1	ng/ul	29574	4	16.98	65360	20.0
(DEL) Alkane: Str...	16.78	9.7	ng/ul	31617	4	16.98	65360	20.0
(DEL) Alkane: Str...	17.52	5.9	ng/ul	19218	4	16.98	65360	20.0
n-Hexadecanoic acid	17.92	469.1	ng/ul	1532970	4	16.98	65360	20.0
(DEL) Alkane: Str...	18.22	13.4	ng/ul	43684	4	16.98	65360	20.0
(DEL) Alkane: Str...	18.86	21.0	ng/ul	68672	4	16.98	65360	20.0
Octadecanoic acid	19.21	32.6	ng/ul	879587	5	21.20	539306	20.0
(DEL) Alkane: Str...	19.99	7.1	ng/ul	191628	5	21.20	539306	20.0
(DEL) Alkane: Str...	20.49	11.6	ng/ul	313592	5	21.20	539306	20.0
(DEL) Alkane: Str...	20.96	37.1	ng/ul	999906	5	21.20	539306	20.0
(DEL) Alkane: Str...	21.40	20.0	ng/ul	539306	5	21.20	539306	20.0
(DEL) Alkane: Str...	21.84	25.4	ng/ul	686298	5	21.20	539306	20.0
(DEL) Alkane: Str...	22.30	27.8	ng/ul	748829	5	21.20	539306	20.0
(DEL) Alkane: Str...	22.80	18.1	ng/ul	874287	6	23.40	966642	20.0
(DEL) Alkane: Str...	23.99	17.1	ng/ul	827561	6	23.40	966642	20.0
(DEL) Alkane: Str...	24.72	12.5	ng/ul	604044	6	23.40	966642	20.0