LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	6.349	489	495	501	rVV2	84244	137706	2.74%	0.460%
2	6.855	570	581	585	rBV4	27334	61072	1.21%	0.204%
3	6.908	585	590	595	rVV	38931	57127	1.14%	0.191%
4	7.002	601	606	616	rVV3	32138	90790	1.81%	0.303%
5	7.355	662	666	671	rVB	57956	80644	1.60%	0.269%
6	7.413	671	676	680	rVB	60994	84667	1.68%	0.283%
7	7.466	680	685	690	rBV	52038	73924	1.47%	0.247%
8	7.525	690	695	701	rVB3	102579	162214	3.23%	0.542%
9	7.802	734	742	746	rBV2	53005	114070	2.27%	0.381%
10	8.002	770	776	780	rBV	288653	423123	8.42%	1.412%
11	8.043	780	783	787	rVB	57208	72809	1.45%	0.243%
12	8.360	832	837	840	rBV	64714	88841	1.77%	0.297%
13	8.413	840	846	850	rBV	636863	1051794	20.92%	3.511%
14	8.454	850	853	860	rVB	224724	322602	6.42%	1.077%
15	8.525	860	865	870	rBV4	43429	81016	1.61%	0.270%
16	8.602	870	878	883	rBV	200322	343928	6.84%	1.148%
17	8.837	912	918	926	rBV	186118	343447	6.83%	1.146%
18	8.919	926	932	935	rVV2	48435	100630	2.00%	0.336%
19	8.978	935	942	948	rVB3	63174	146470	2.91%	0.489%
20	9.049	948	954	967	rVB2	138884	240644	4.79%	0.803%
21	9.160	967	973	977	rBV	71247	116662	2.32%	0.389%
22	9.366	1003	1008	1012	rBV	32194	55073	1.10%	0.184%
23	9.419	1013	1017	1023	rVB	33857	60223	1.20%	0.201%
24	9.525	1029	1035	1044	rVB2	66685	123737	2.46%	0.413%
25	9.625	1044	1052	1057	rBV	361459	543990	10.82%	1.816%
26	9.754	1065	1074	1083	rVB	30255	108472	2.16%	0.362%
27	9.860	1083	1092	1097	rBV5	33689	105817	2.11%	0.353%
28	10.154	1138	1142	1146	rVV2	32817	58039	1.15%	0.194%
29	10.278	1156	1163	1170	rBV5	36022	113931	2.27%	0.380%
30	10.349	1170	1175	1182	rVV3	60417	108945	2.17%	0.364%
31	10.478	1190	1197	1203	rVB2	47298	109020	2.17%	0.364%
32	10.549	1203	1209	1217	rBV4	27663	56260	1.12%	0.188%
33	10.631	1217	1223	1228	rVV4	56669	96151	1.91%	0.321%
34	11.184	1308	1317	1318	rBV2	163645	288158	5.73%	0.962%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Title : SVOA CALIBRATION

35	11.248	1323	1328	1335	rVV	929261	1629242	32.41%	5.439%
36	11.325	1335	1341	1345	rVV3	86202	177340	3.53%	0.592%
37	11.360	1345	1347	1354	rVV2	51761	82725	1.65%	0.276%
38	11.590	1380	1386	1395	rVV	149050	244057	4.86%	0.815%
39	11.719	1400	1408	1413	rVB	53675	90667	1.80%	0.303%
40	11.925	1435	1443	1454	rVV10	36876	111829	2.22%	0.373%
41	12.113	1467	1475	1480	rVV5	48573	101700	2.02%	0.339%
42	12.219	1487	1493	1498	rVV3	61251	119034	2.37%	0.397%
43	12.307	1504	1508	1516	rVB	101221	152401	3.03%	0.509%
44	12.454	1528	1533	1542	rVB	120162	178441	3.55%	0.596%
45	12.607	1553	1559	1563	rBV	146339	230511	4.59%	0.769%
46	12.648	1563	1566	1572	rVB	97209	129193	2.57%	0.431%
47	12.743	1573	1582	1584	rBV4	40330	78991	1.57%	0.264%
48	12.848	1596	1600	1603	rVV	44914	54760	1.09%	0.183%
49	12.884	1603	1606	1615	rVB	42827	61239	1.22%	0.204%
50	13.013	1623	1628	1631	rBV2	44362	72220	1.44%	0.241%
51	13.231	1657	1665	1672	rBV9	24639	81022	1.61%	0.270%
52	13.542	1712	1718	1724	rBV	53385	82173	1.63%	0.274%
53	13.760	1749	1755	1760	rVB2	39017	61596	1.23%	0.206%
54	13.825	1760	1766	1776	rBV	167919	281795	5.61%	0.941%
55	14.066	1802	1807	1811	rBV3	39190	65674	1.31%	0.219%
56	14.207	1820	1831	1840	rBV8	44726	159238	3.17%	0.532%
57	14.354	1849	1856	1862	rBV4	57329	139977	2.78%	0.467%
58	14.472	1868	1876	1880	rVB4	58370	122737	2.44%	0.410%
59	14.631	1898	1903	1909	rVB5	62283	139256	2.77%	0.465%
60	14.737	1916	1921	1926	rBV4	27450	59192	1.18%	0.198%
61	14.884	1941	1946	1951	rVB	498440	637783	12.69%	2.129%
62	15.031	1965	1971	1980	rBV2	1329081	2177387	43.32%	7.269%
63	15.142	1985	1990	1995	rBV	166450	240739	4.79%	0.804%
64	15.307	2012	2018	2025	rBV4	58447	122848	2.44%	0.410%
65	15.489	2045	2049	2053	rBV	51563	70496	1.40%	0.235%
66	15.548	2055	2059	2068	rVB7	52239	125037	2.49%	0.417%
67	15.648	2068	2076	2080	rBV	343947	592451	11.79%	1.978%
68	15.760	2090	2095	2099	rBV	177593	248405	4.94%	0.829%
69	15.825	2099	2106	2112	rVB	207034	349459	6.95%	1.167%
70	16.101	2149	2153	2157	rVB	35993	54965	1.09%	0.183%
71	16.225	2168	2174	2178	rVB	62717	98444	1.96%	0.329%

LSC Area Percent Report

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Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Title : SVOA CALIBRATION

72	16.442	2208	2211	2219	rBV5	32237	62395	1.24%	0.208%
73	16.613	2235	2240	2246	rVB4	69954	110343	2.20%	0.368%
74	16.678	2246	2251	2254	rBV	198694	287384	5.72%	0.959%
75	16.819	2271	2275	2280	rBV6	32902	56718	1.13%	0.189%
76	16.919	2286	2292	2296	rBV7	25364	53833	1.07%	0.180%
77	17.407	2369	2375	2382	rBV	3353969	5026712	100.00%	16.780%
78	17.466	2382	2385	2389	rVV	209285	276092	5.49%	0.922%
79	17.513	2389	2393	2401	rVB2	76489	153256	3.05%	0.512%
80	17.760	2428	2435	2441	rBV	1700552	2502363	49.78%	8.353%
81	18.001	2471	2476	2479	rBV4	34945	67139	1.34%	0.224%
82	18.195	2505	2509	2518	rVB	146174	203653	4.05%	0.680%
83	18.372	2535	2539	2544	rVB	54688	66972	1.33%	0.224%
84	18.877	2621	2625	2630	rVB	117127	139146	2.77%	0.464%
85	19.495	2726	2730	2732	rBV	93863	114845	2.28%	0.383%
86	19.519	2732	2734	2738	rVB2	80757	86711	1.73%	0.289%
87	19.648	2750	2756	2761	rBV3	38389	67991	1.35%	0.227%
88	20.060	2823	2826	2831	rVB	60117	74353	1.48%	0.248%
89	20.589	2912	2916	2920	rBV2	59858	70695	1.41%	0.236%
90	21.077	2995	2999	3003	rBV	56390	61919	1.23%	0.207%
91	21.536	3073	3077	3083	rVB	102690	118130	2.35%	0.394%
92	21.883	3130	3136	3142	rBV	1797593	2401307	47.77%	8.016%
93	21.983	3149	3153	3159	rVB2	49781	63362	1.26%	0.212%
94	22.454	3229	3233	3240	rBV	83468	117668	2.34%	0.393%
95	22.960	3316	3319	3323	rVB2	52993	64146	1.28%	0.214%
96	23.518	3410	3414	3421	rVB2	61463	101999	2.03%	0.340%
97	24.154	3518	3522	3529	rVB	76070	125930	2.51%	0.420%
98	24.360	3550	3557	3566	rVB2	870683	1773705	35.29%	5.921%
99	24.877	3641	3645	3656	rVB2	66616	133018	2.65%	0.444%
100	25.718	3783	3788	3796	rVB2	54785	127395	2.53%	0.425%

Sum of corrected areas: 29956200

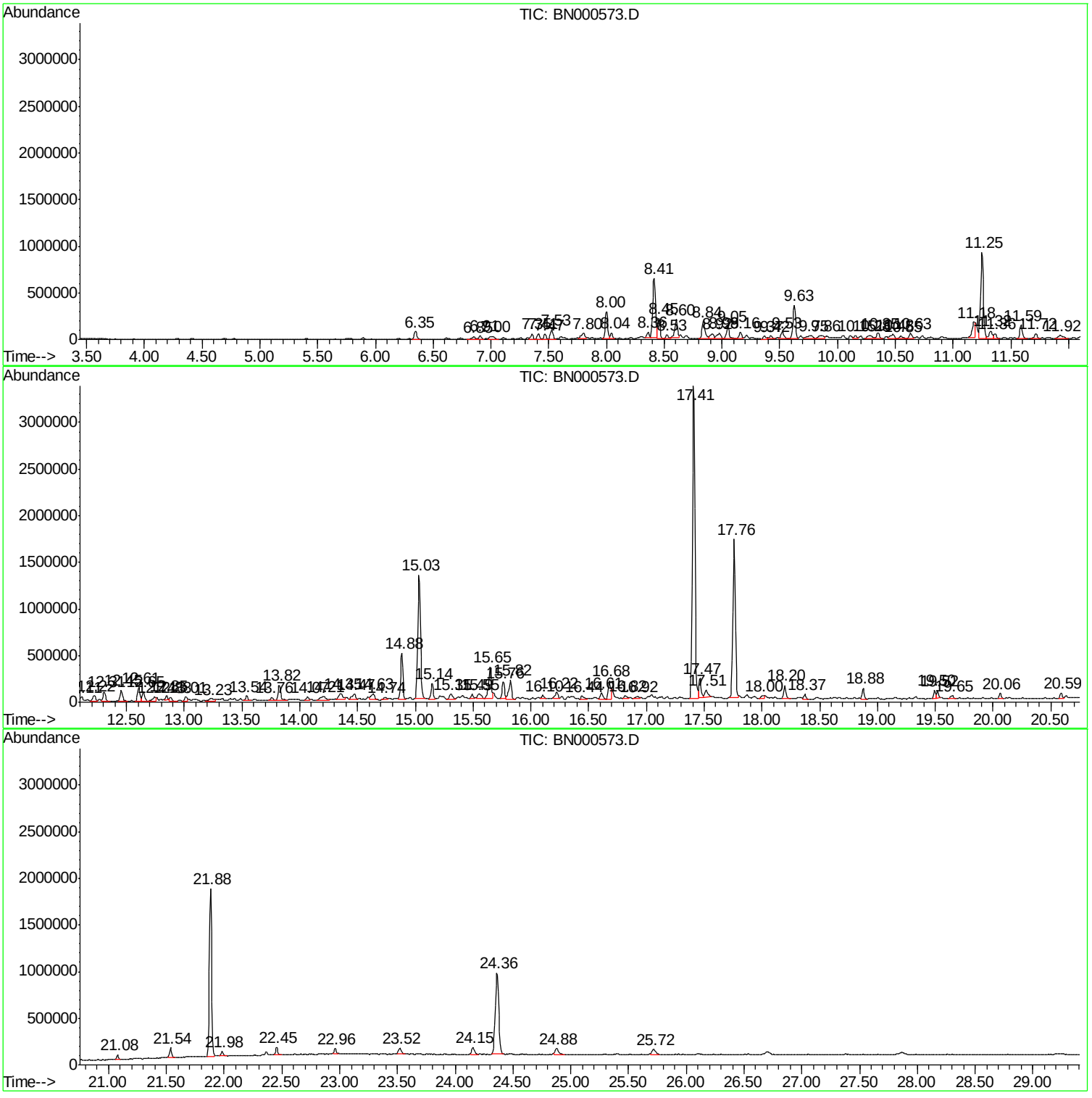
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

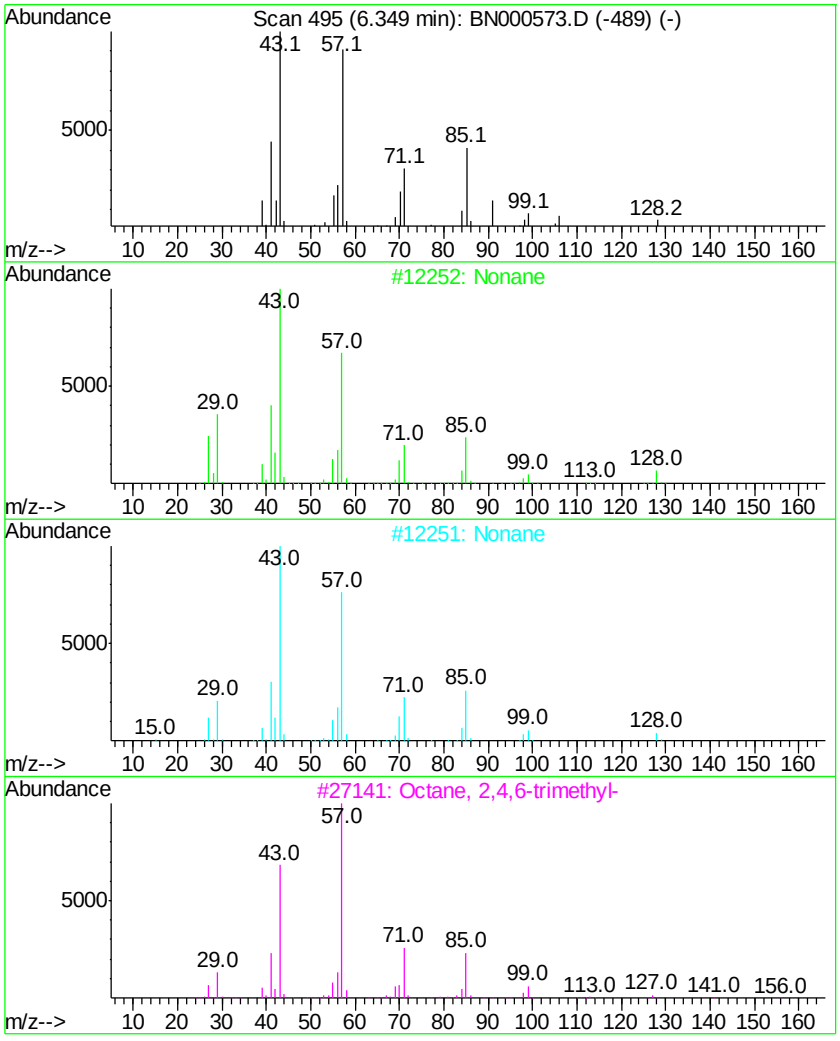
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

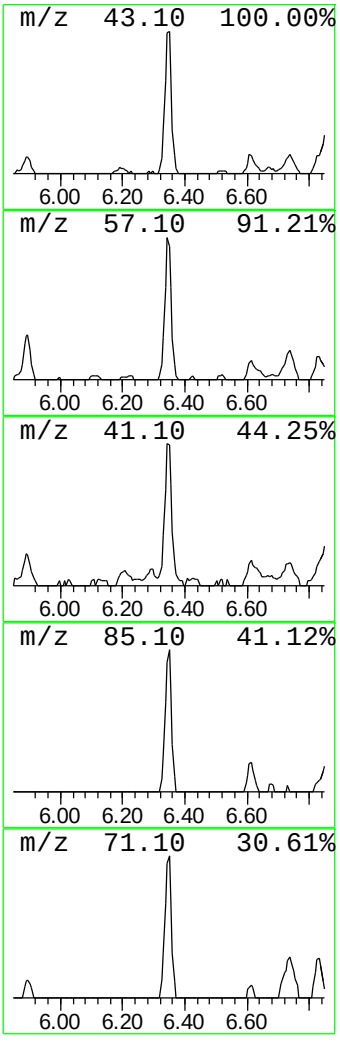
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	2.62 ng/ul	137706	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	93
2	Nonane	128	C9H20	000111-84-2	90
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
4	Octane	114	C8H18	000111-65-9	53
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

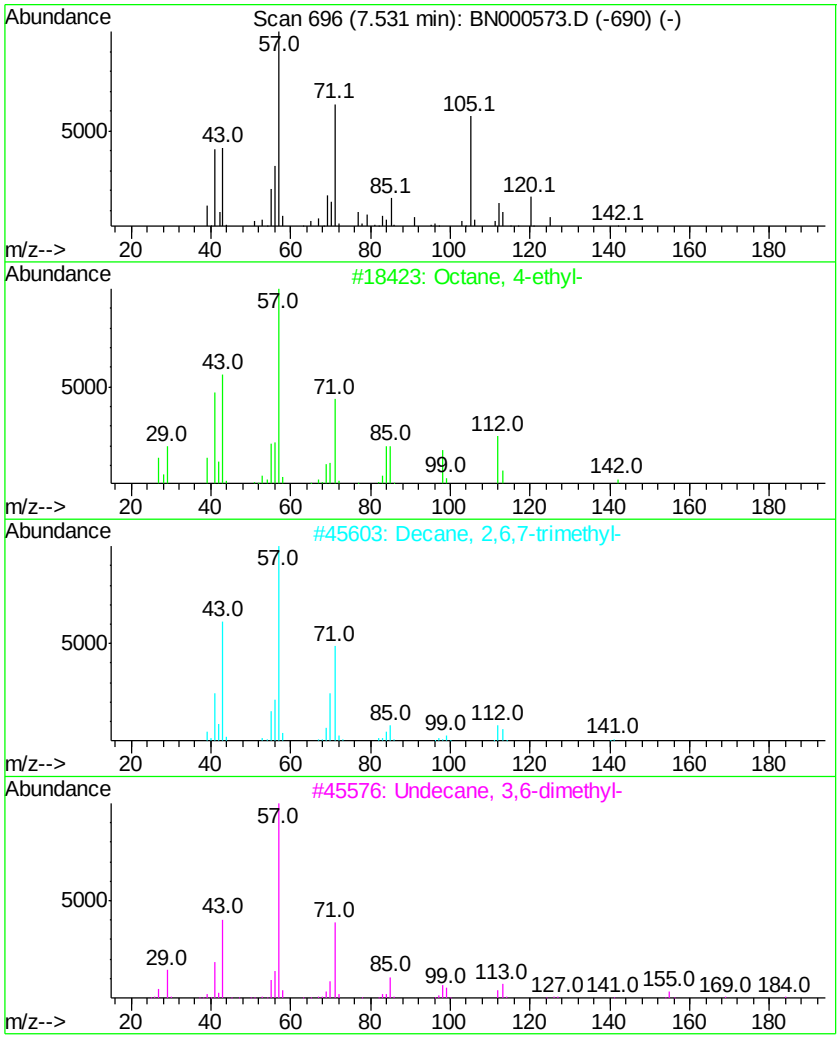
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

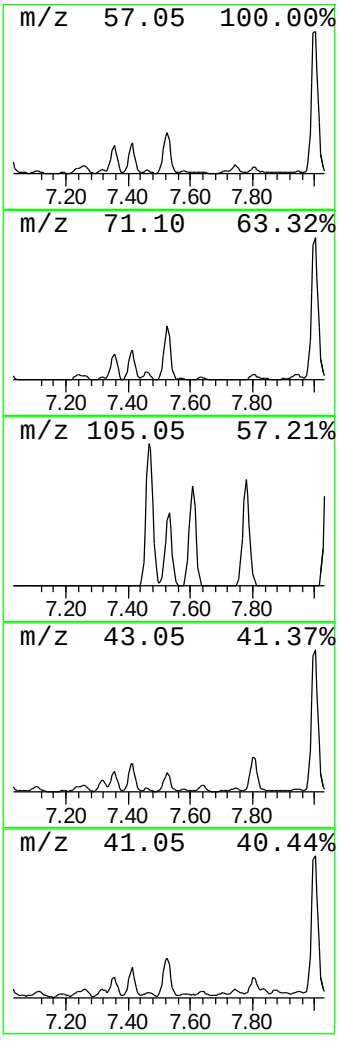
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	3.08 ng/ul	162214	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	64
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	53





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
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Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

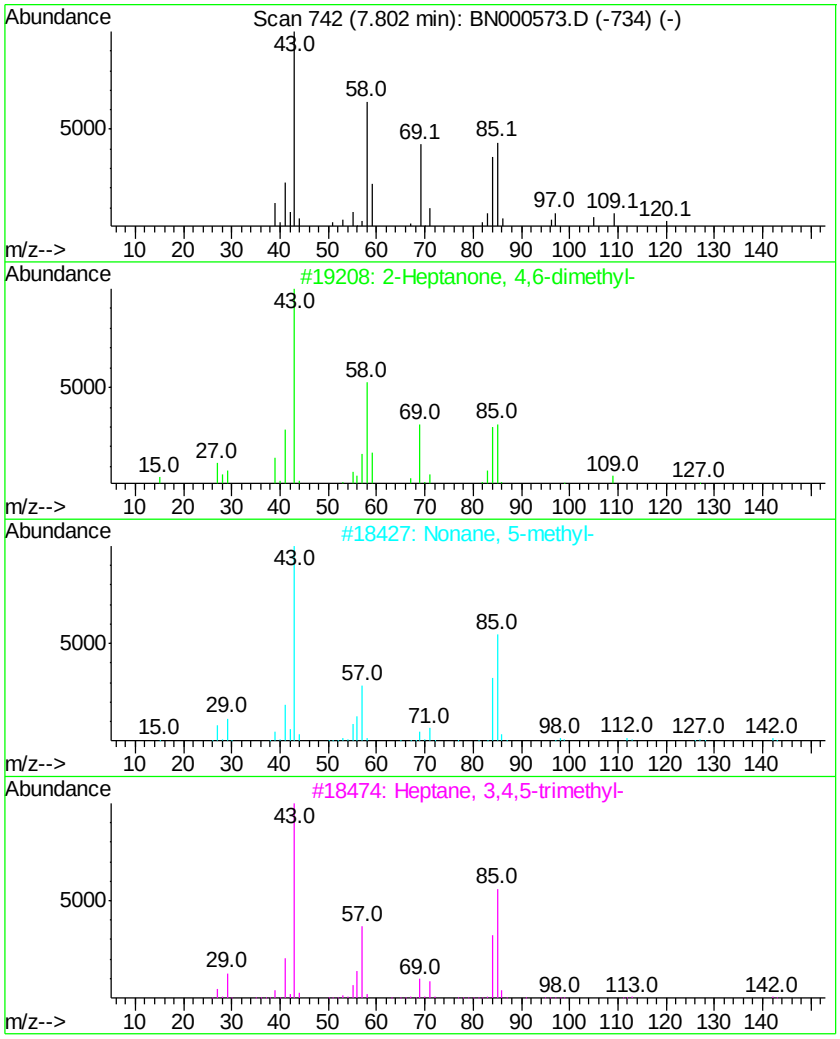
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

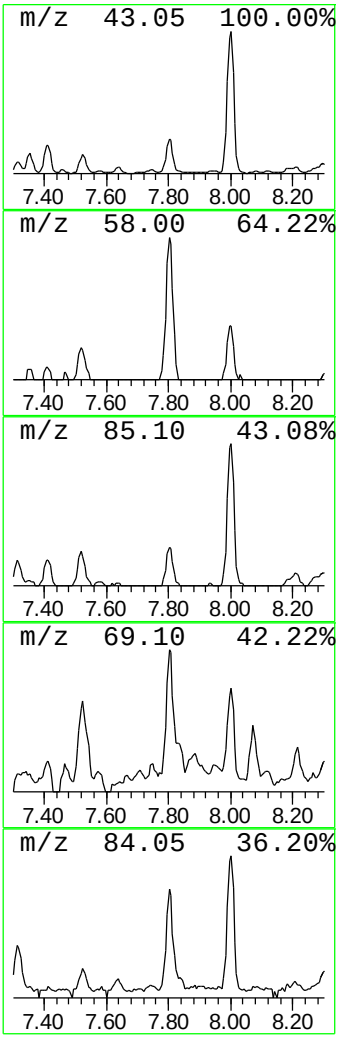
****

Peak Number 3 2-Heptanone, 4,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	2.17 ng/ul	114070	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	78
2	Nonane, 5-methyl-	142	C10H22	015869-85-9	38
3	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	37





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

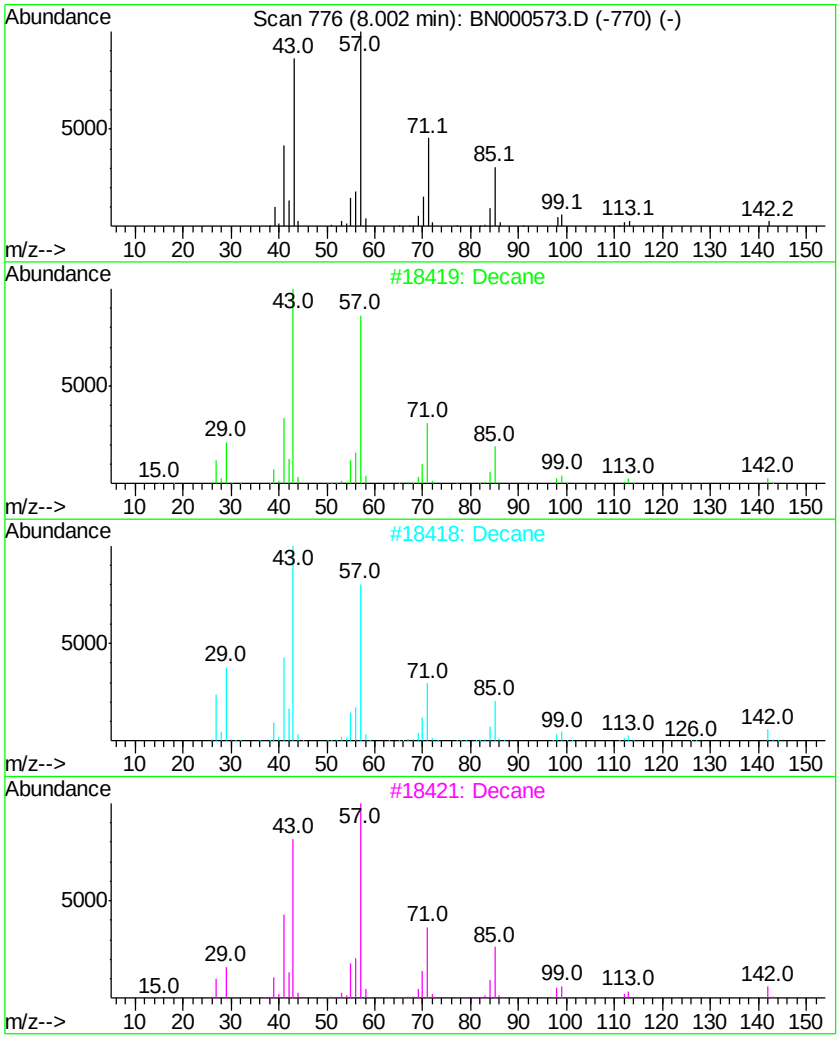
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

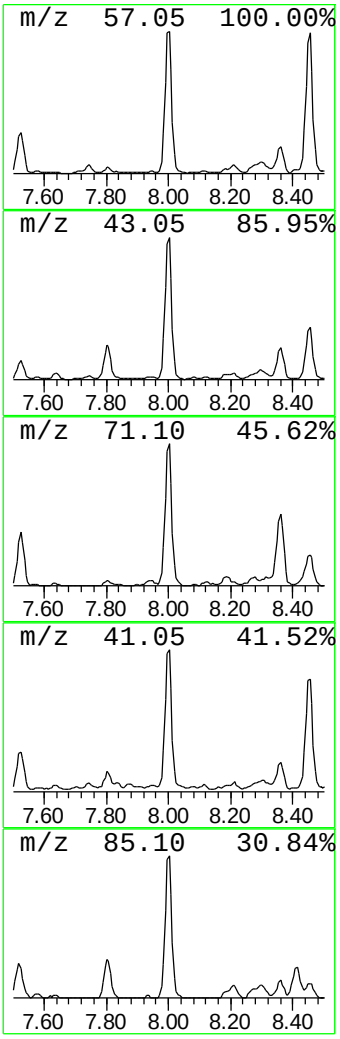
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	8.05 ng/ul	423123	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Decane	142	C10H22	000124-18-5	90
3	Decane	142	C10H22	000124-18-5	90
4	Undecane	156	C11H24	001120-21-4	78
5	Tridecane	184	C13H28	000629-50-5	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

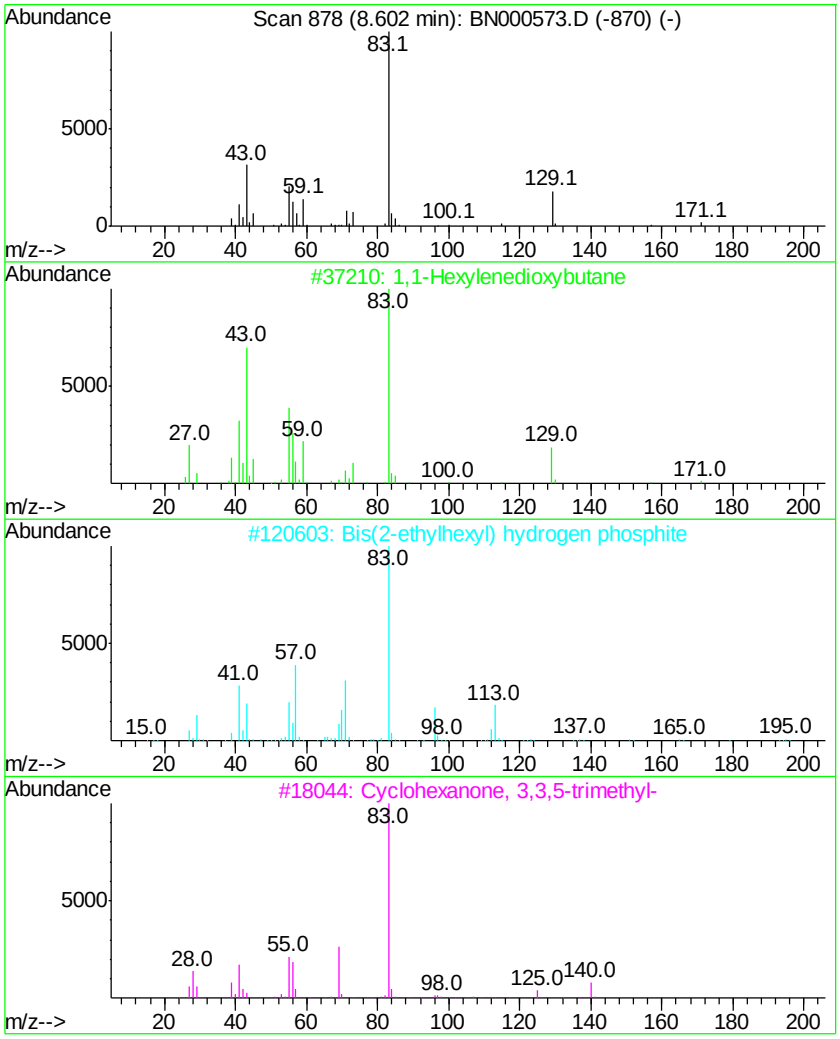
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

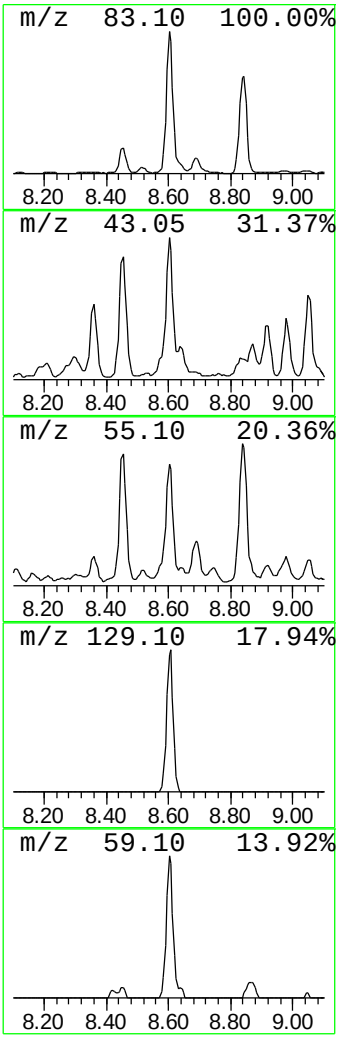
****

Peak Number 5 1,1-Hexylenedioxybutane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	6.54 ng/ul	343928	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	50
2	Bis(2-ethylhexyl) hydrogen phosp...	306	C16H35O3P	003658-48-8	42
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	42
4	4H-1,2,4-Triazole, 4-methyl-	83	C3H5N3	010570-40-8	42
5	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	39





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

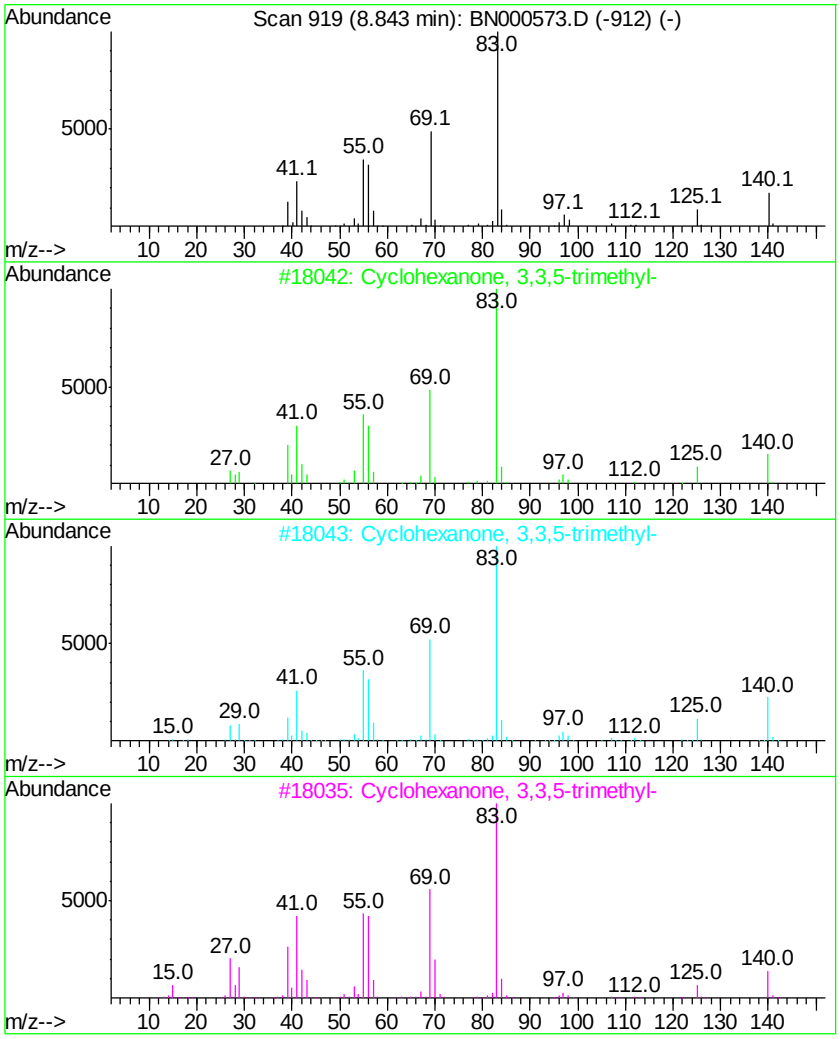
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

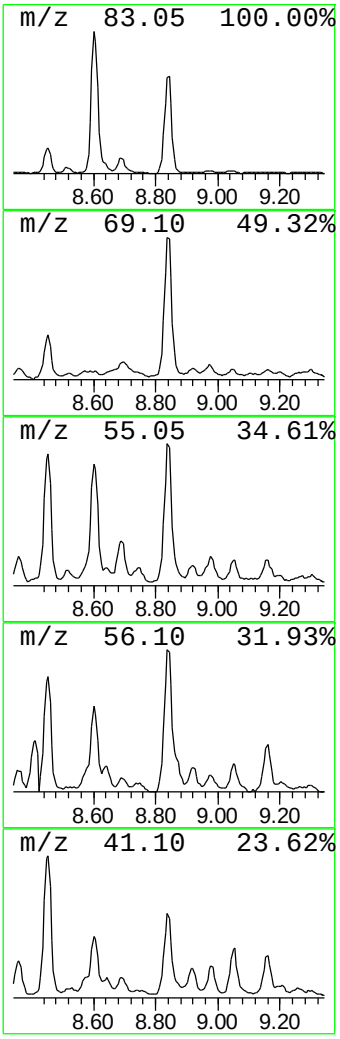
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexanone, 3,3,5-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	6.53 ng/ul	343447	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	97
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5	Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	52





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Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

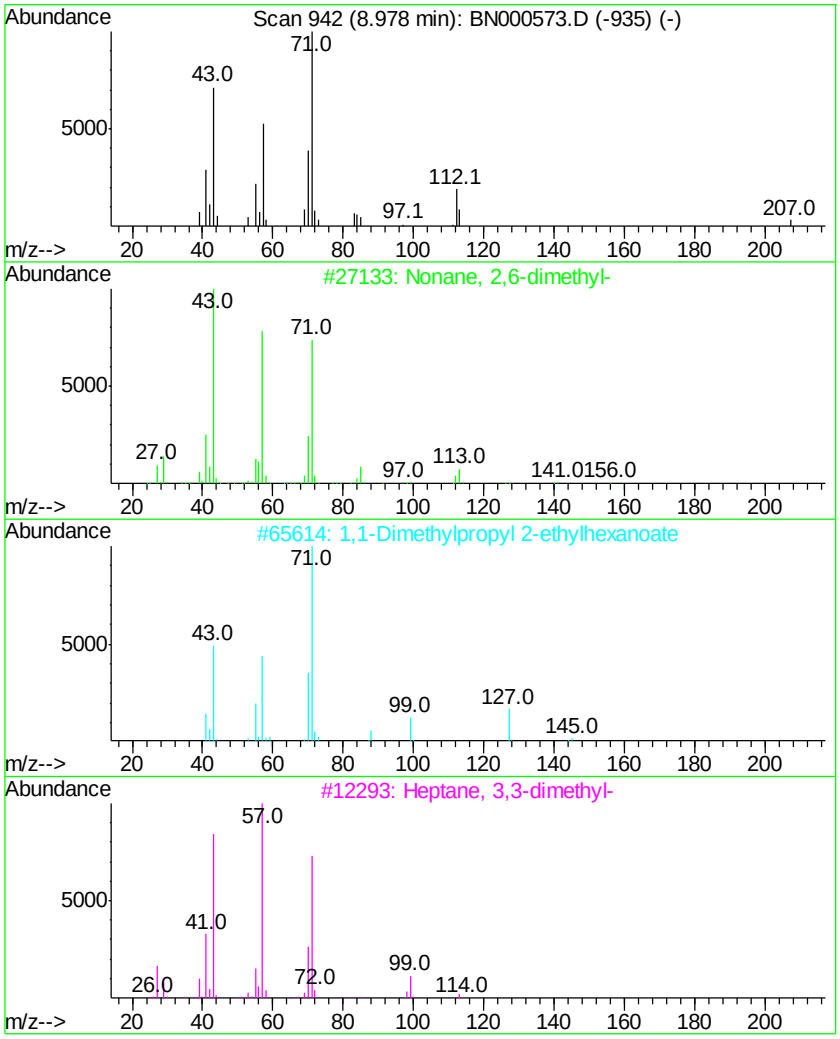
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

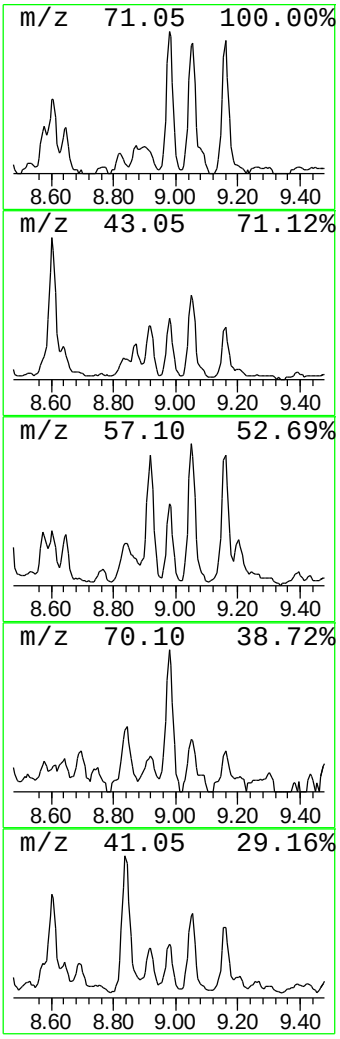
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	2.79 ng/ul	146470	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2	1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	72
3	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	59
4	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53





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Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

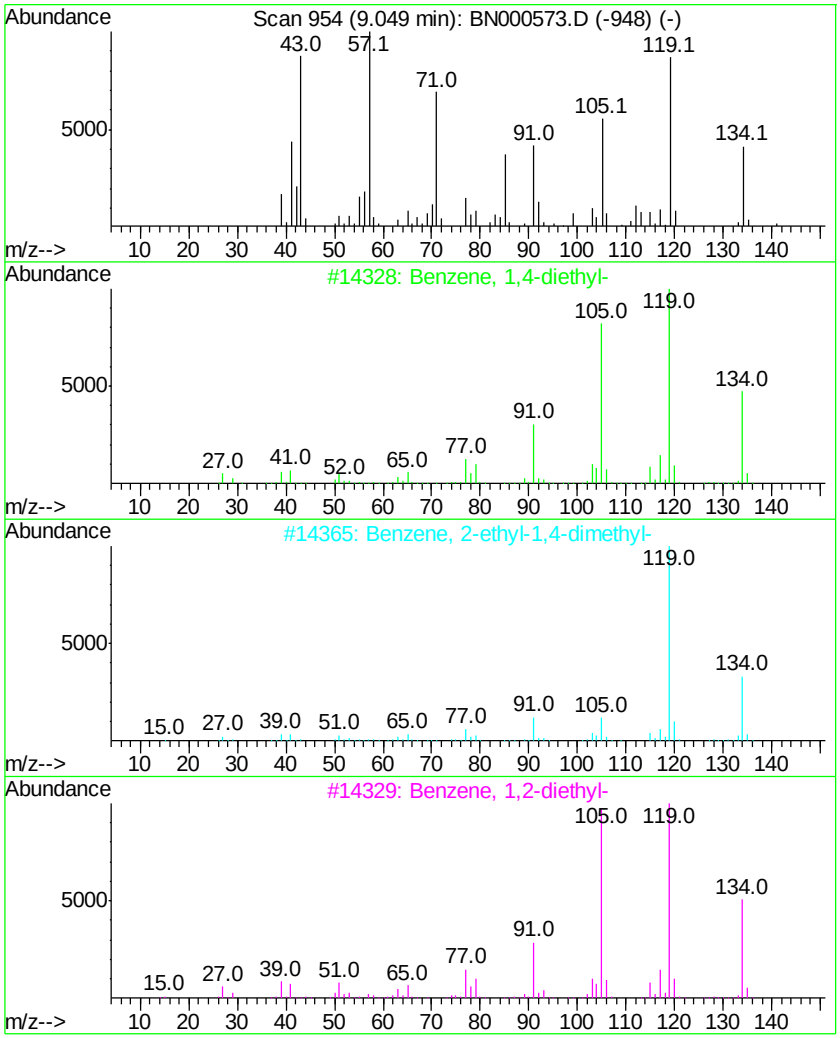
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

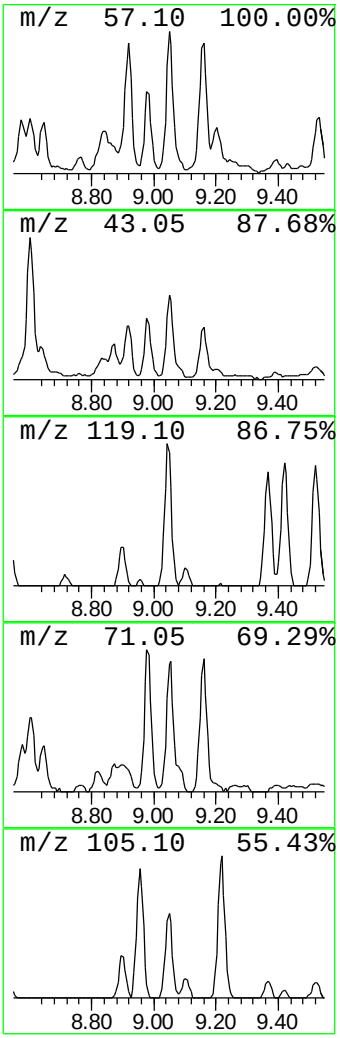
****

Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	4.58 ng/ul	240644	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55





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Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

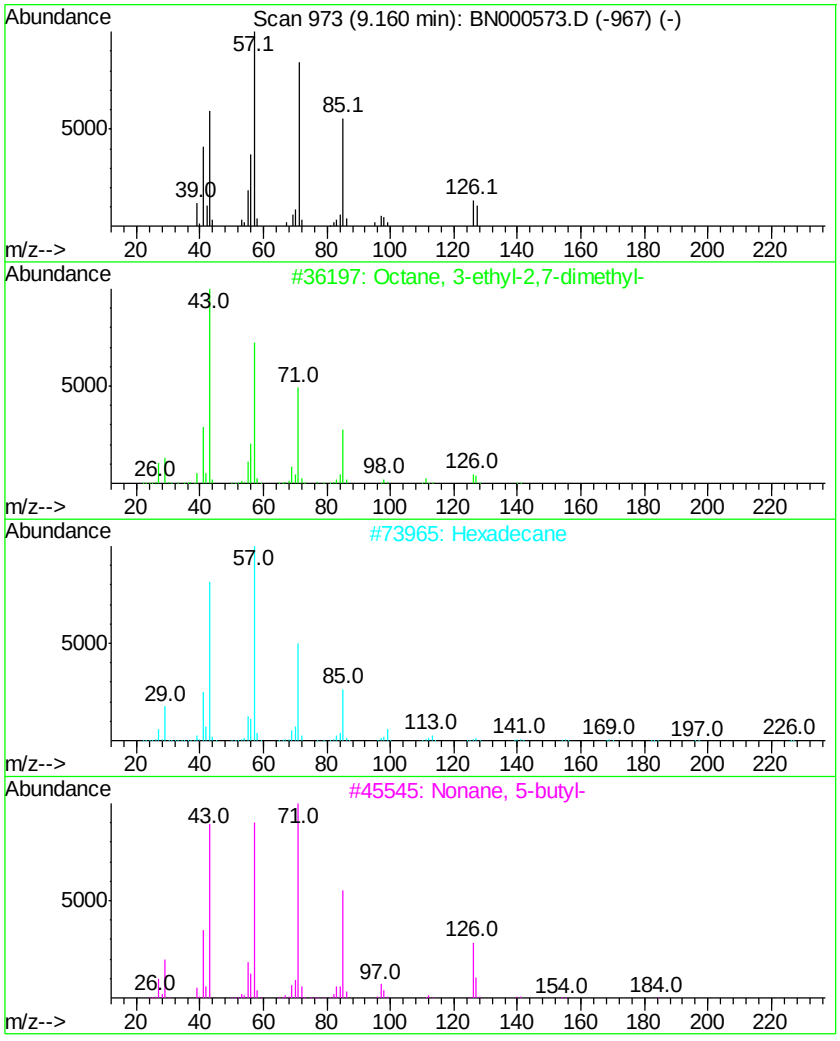
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

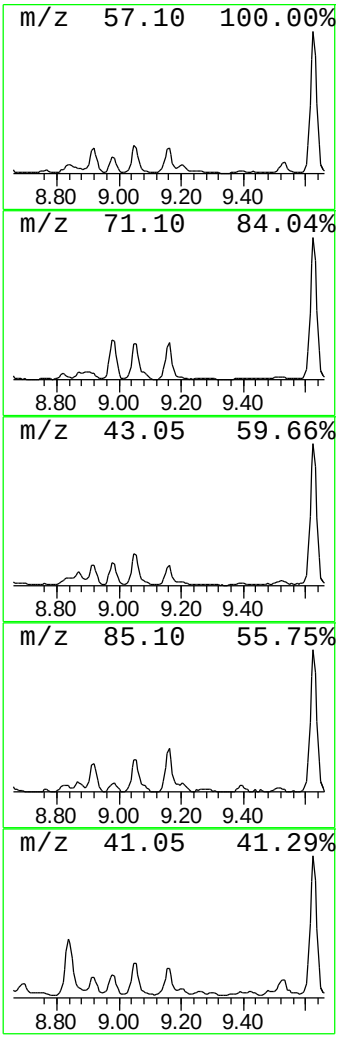
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	2.22 ng/ul	116662	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	83
2	Hexadecane	226	C16H34	000544-76-3	78
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	78
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





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Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

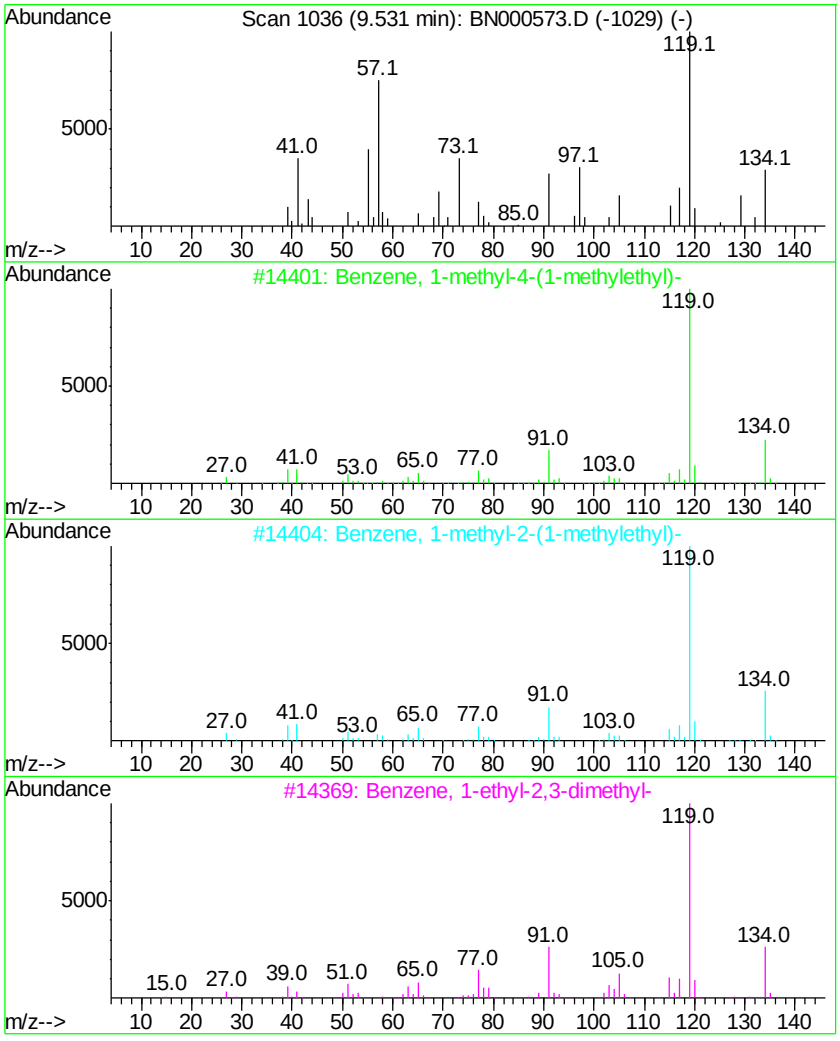
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

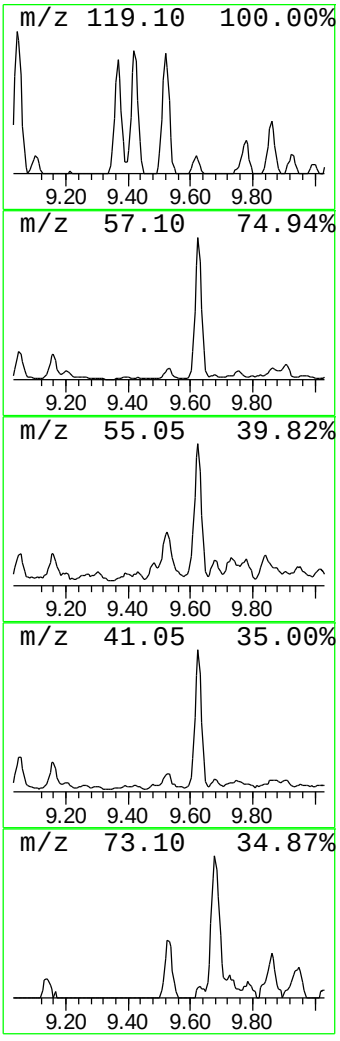
****

Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.35 ng/ul	123737	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	91
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70





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Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

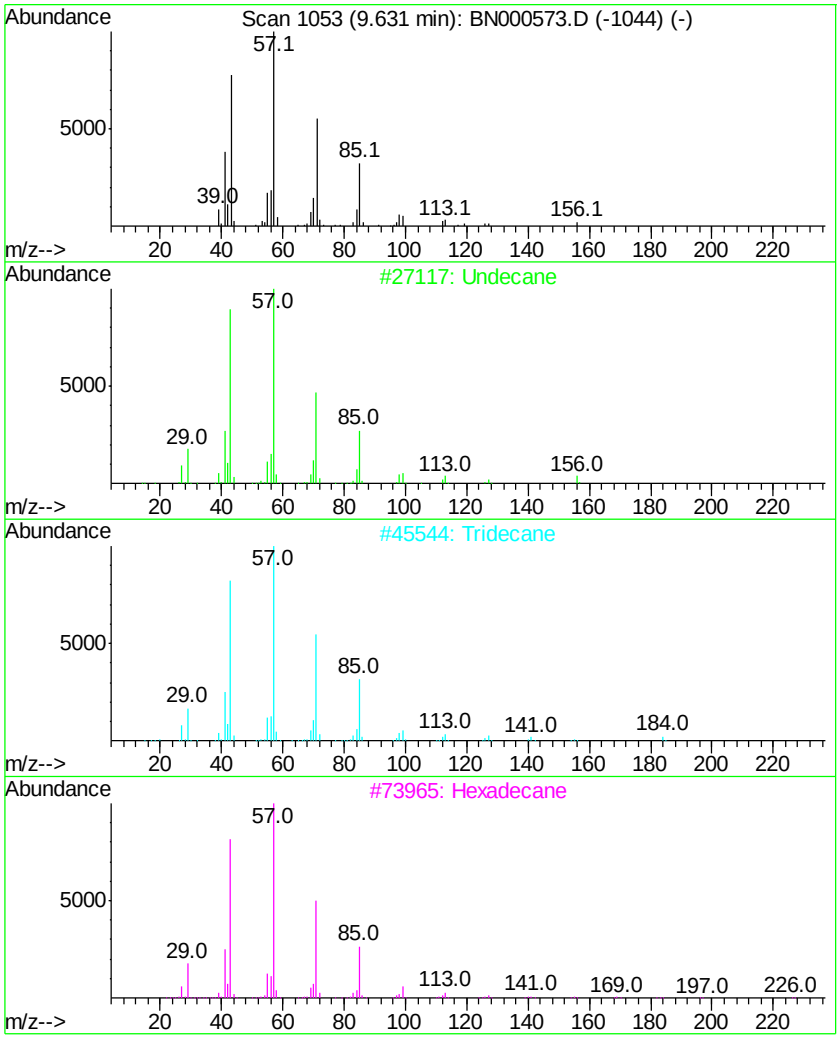
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

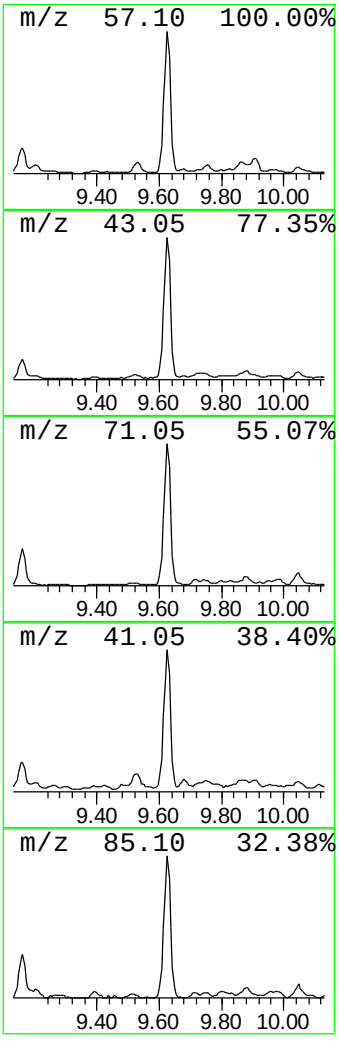
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	10.34 ng/ul	543990	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Tridecane	184	C13H28	000629-50-5	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tridecane	184	C13H28	000629-50-5	78
5	Undecane	156	C11H24	001120-21-4	68





Library Search Compound Report

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Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

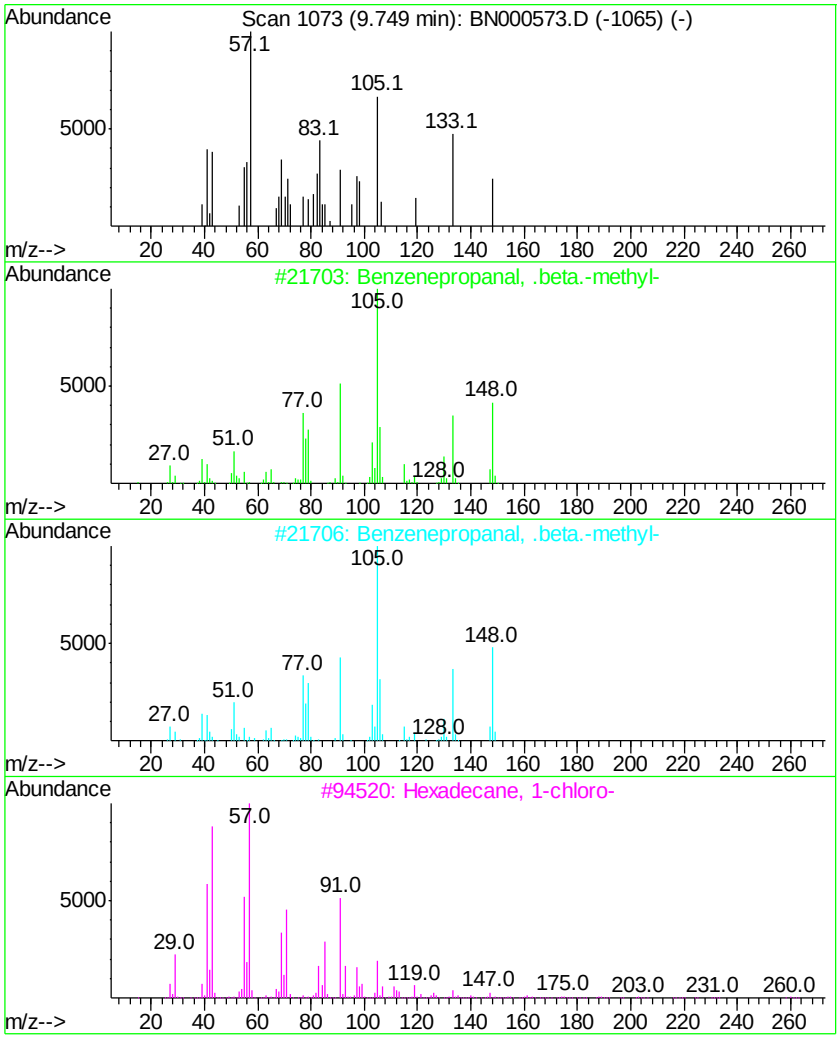
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

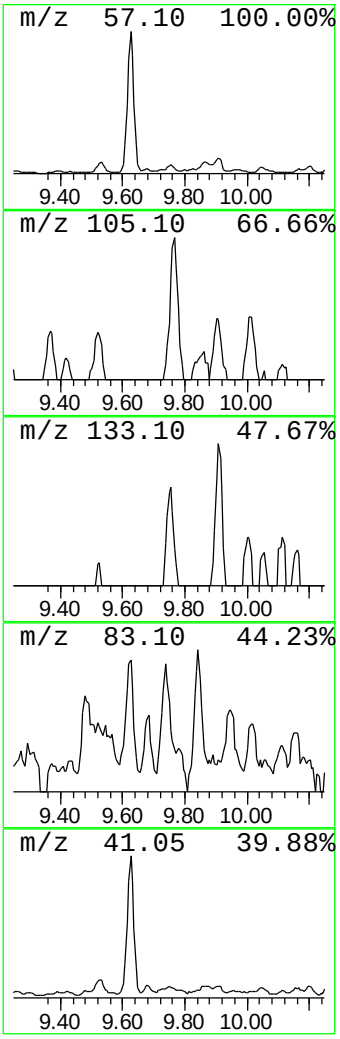
****

Peak Number 12 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	2.06 ng/ul	108472	1,4-Dichlorobenzene-d4	8.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	46
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	43
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	27
4	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	27
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	25





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Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

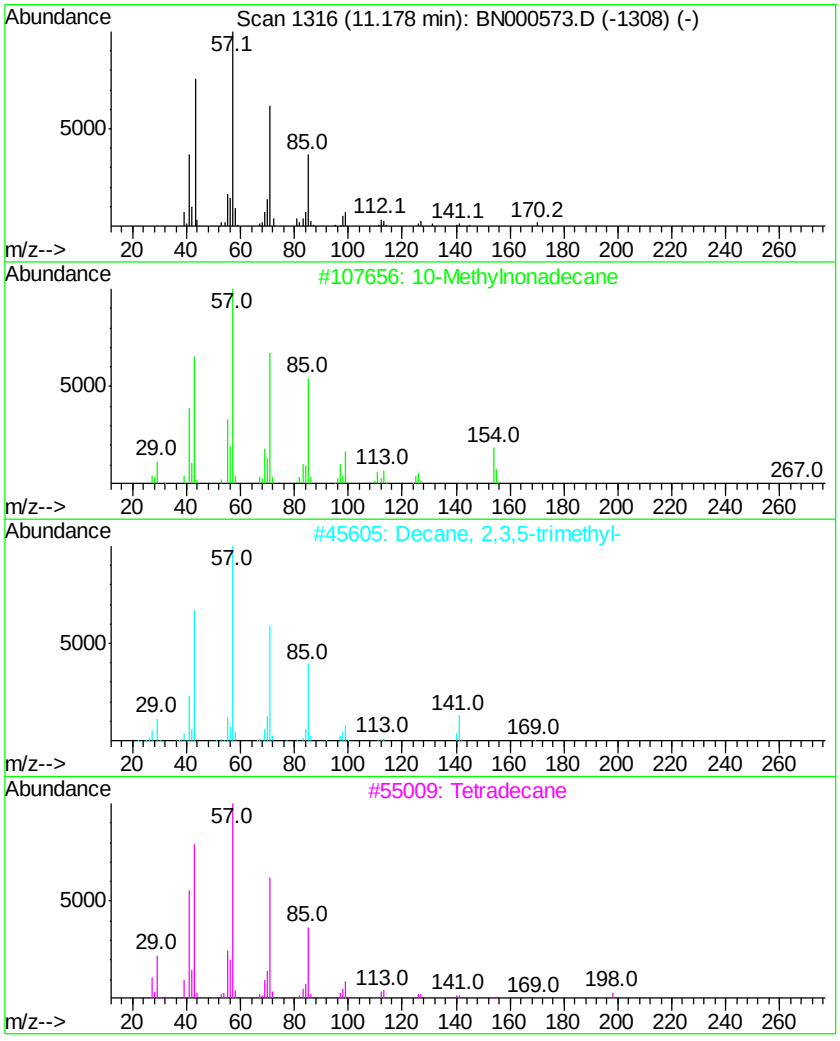
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

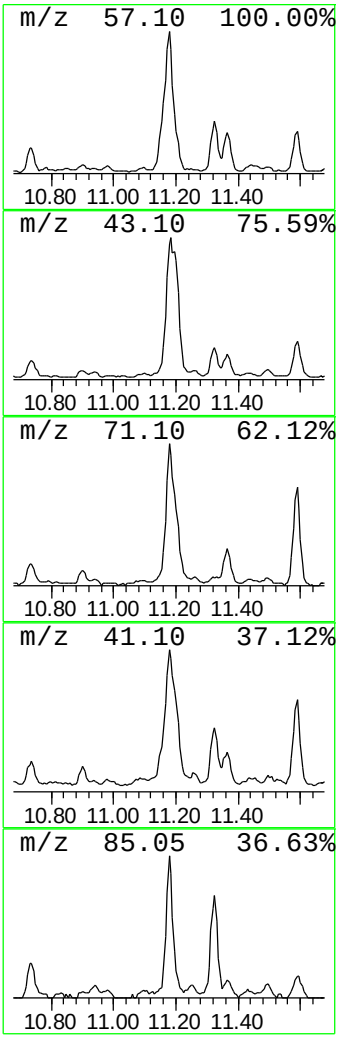
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	3.54 ng/ul	288158	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	72
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
3	Tetradecane	198	C14H30	000629-59-4	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tetradecane	198	C14H30	000629-59-4	59





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Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

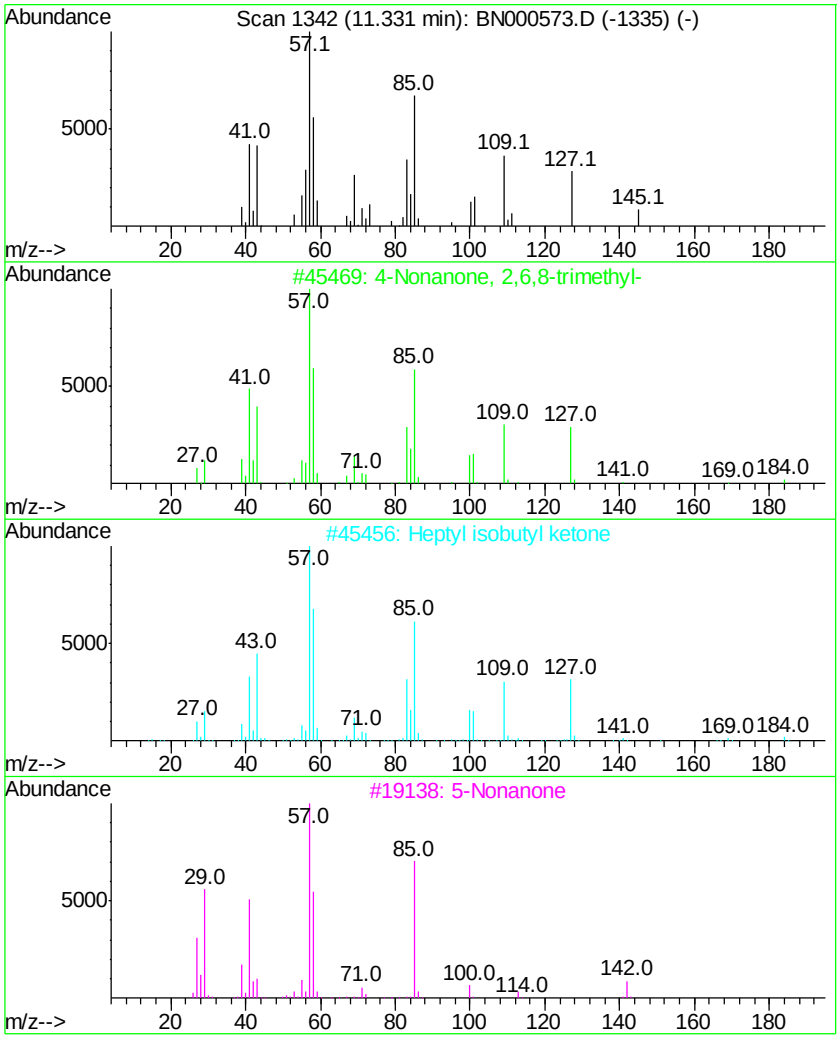
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

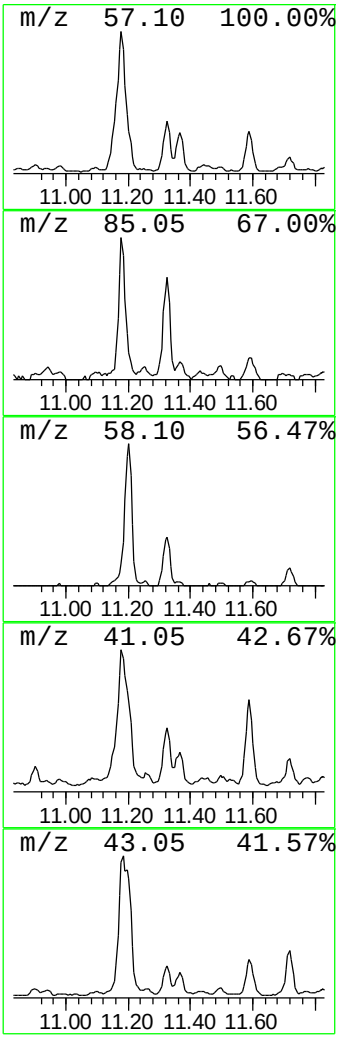
****

Peak Number 14 4-Nonanone, 2,6,8-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.18 ng/ul	177340	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	86
2	Heptyl isobutyl ketone	184	C12H24O	019594-40-2	72
3	5-Nonanone	142	C9H18O	000502-56-7	38
4	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	35
5	5-Nonanone	142	C9H18O	000502-56-7	35





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Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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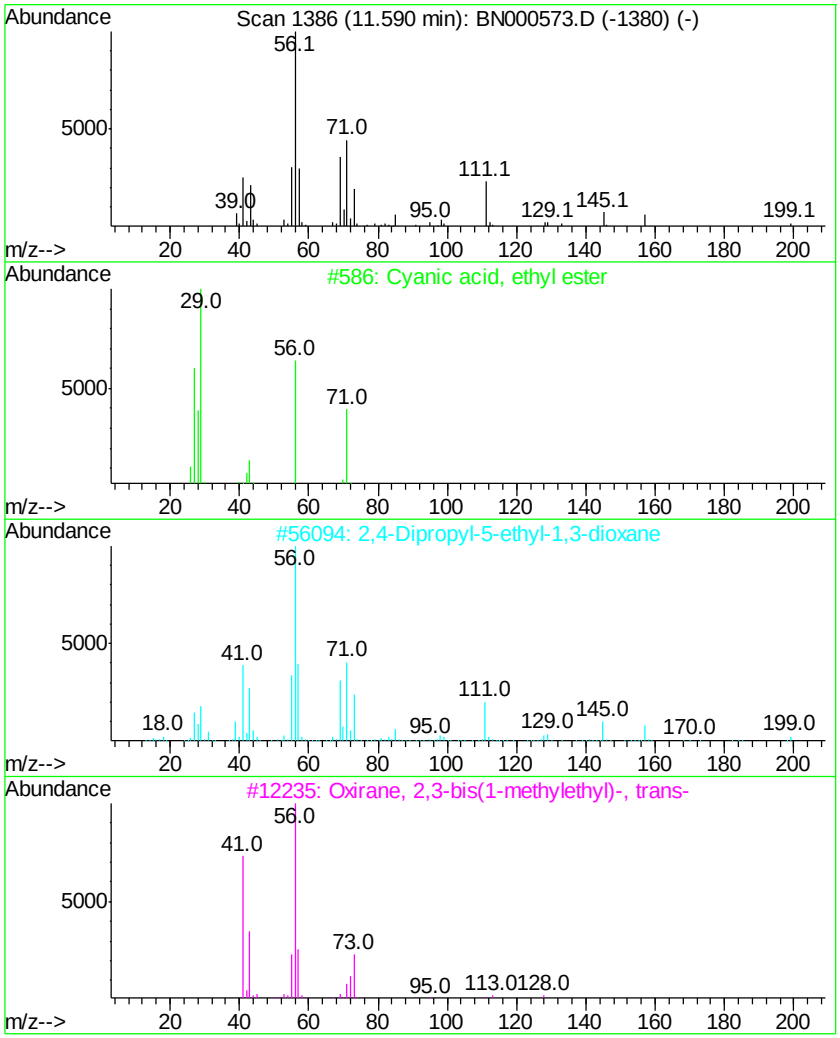
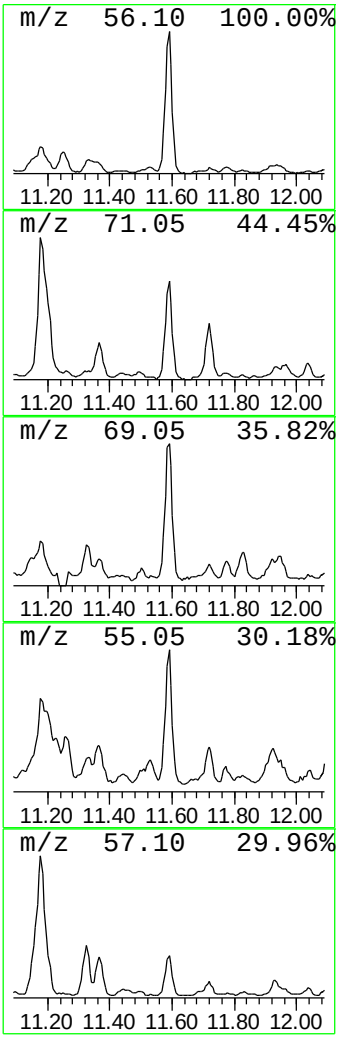
Peak Number 15 Cyanic acid, ethyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	3.00 ng/ul	244057	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	52
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	47
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43
4	Methanamine, N-(1-methylbutylide...	99	C6H13N	022431-09-0	40
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	36





Library Search Compound Report

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Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

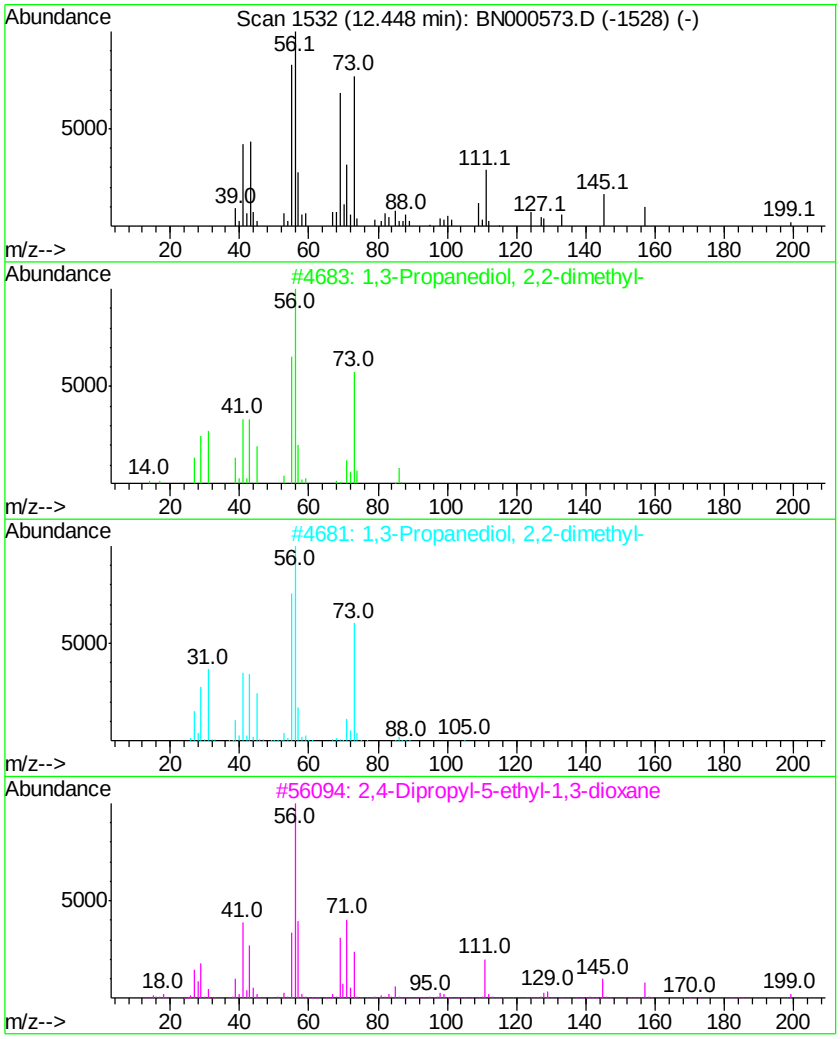
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

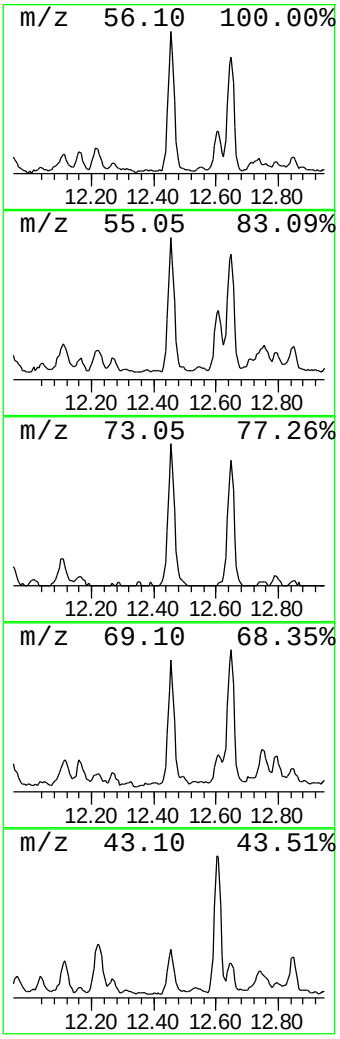
****

Peak Number 16 1,3-Propanediol, 2,2-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	2.19 ng/ul	178441	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	50
2	1,3-Propanediol, 2,2-dimethyl-	104	C5H12O2	000126-30-7	40
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
4	(S)-3,4-Dimethylpentanol	116	C7H16O	1000143-83-9	38
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	37





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Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

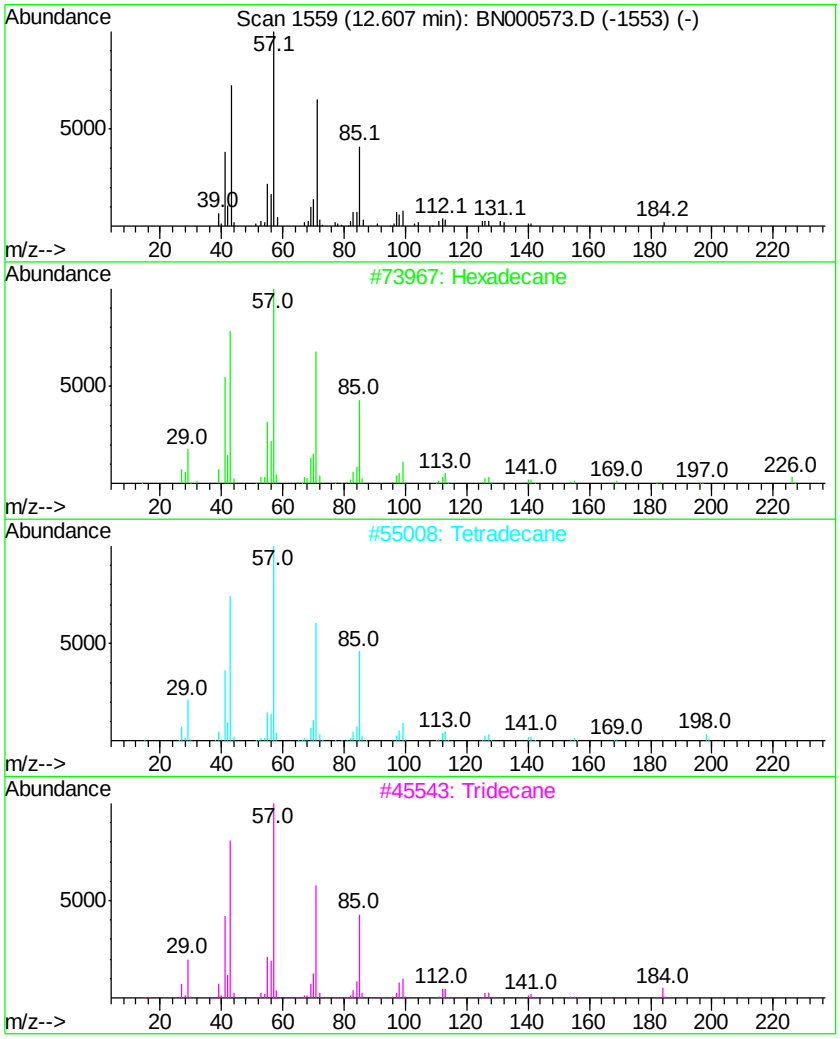
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

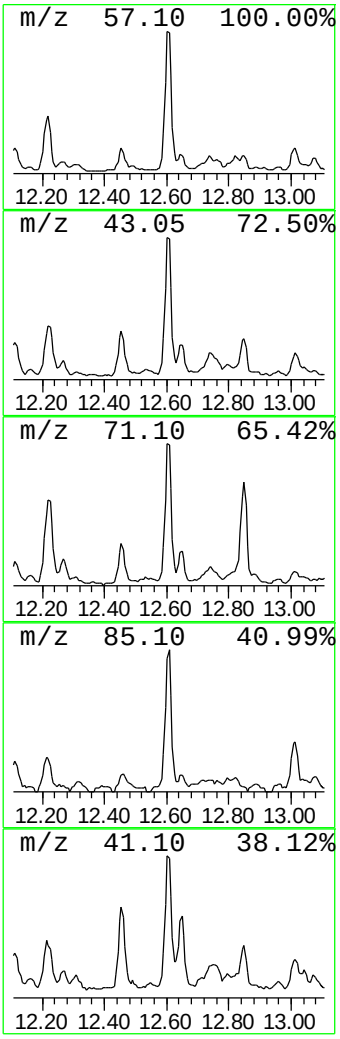
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.83 ng/ul	230511	Naphthalene-d8	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Dodecane	170	C12H26	000112-40-3	90
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

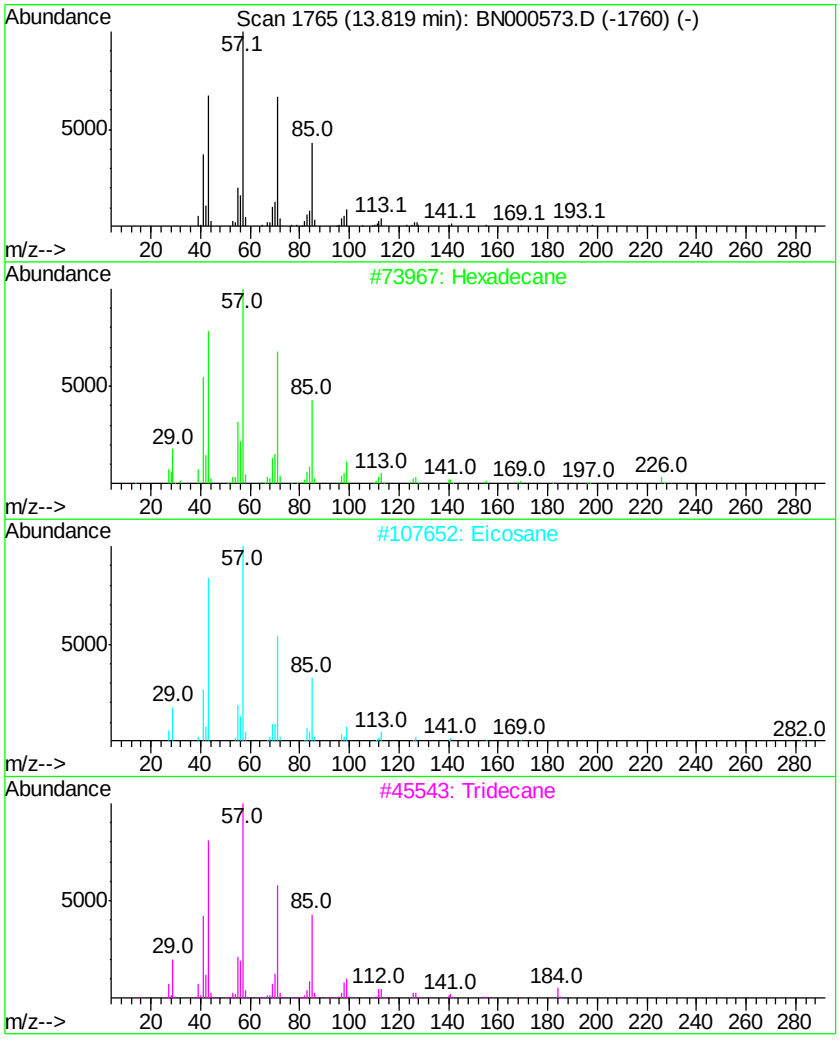
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

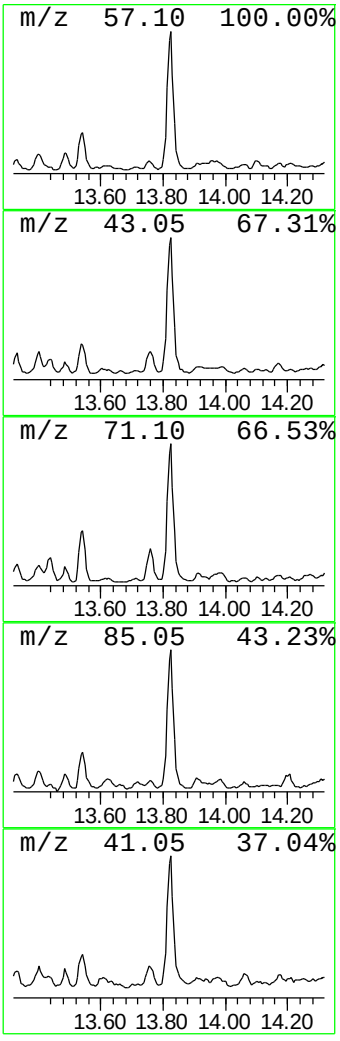
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.59 ng/ul	281795	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane	184	C13H28	000629-50-5	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Tridecane	184	C13H28	000629-50-5	86





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Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

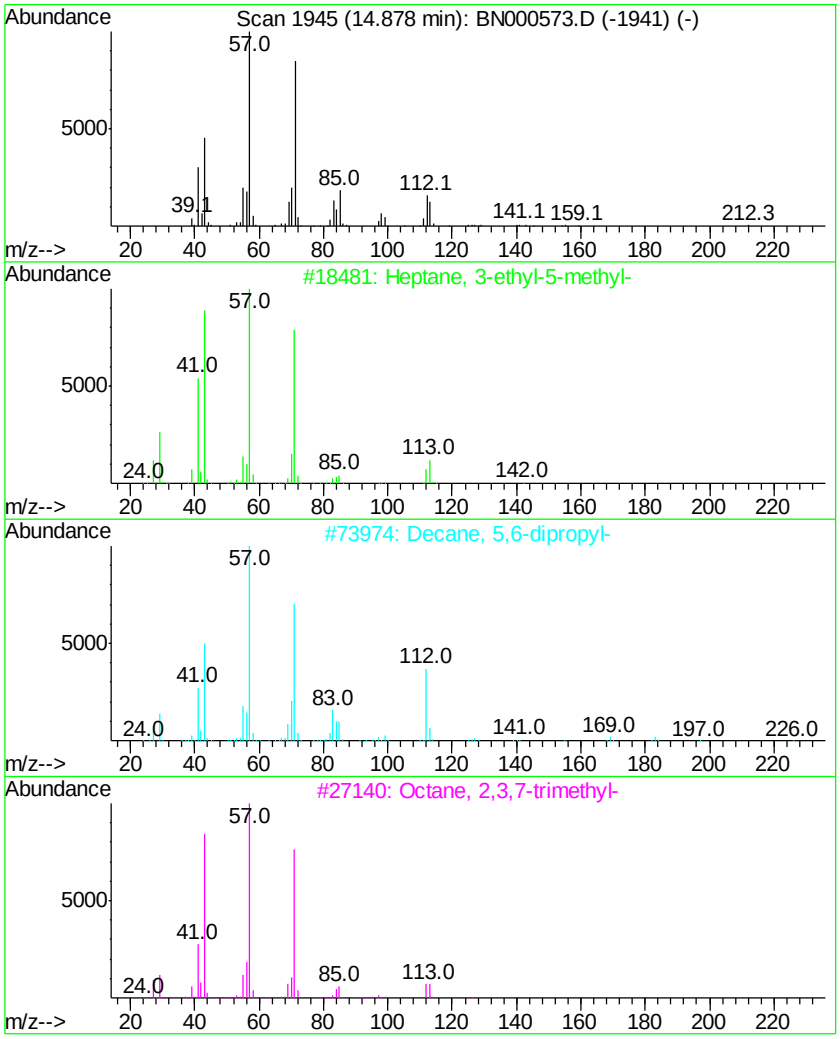
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

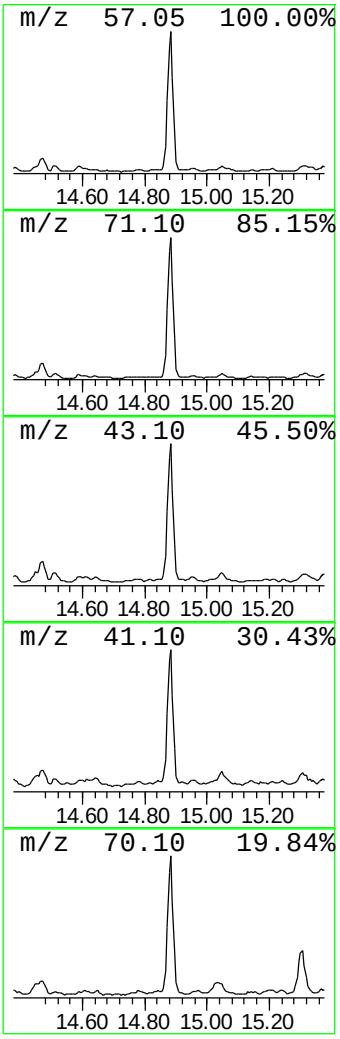
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	5.86 ng/ul	637783	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59





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Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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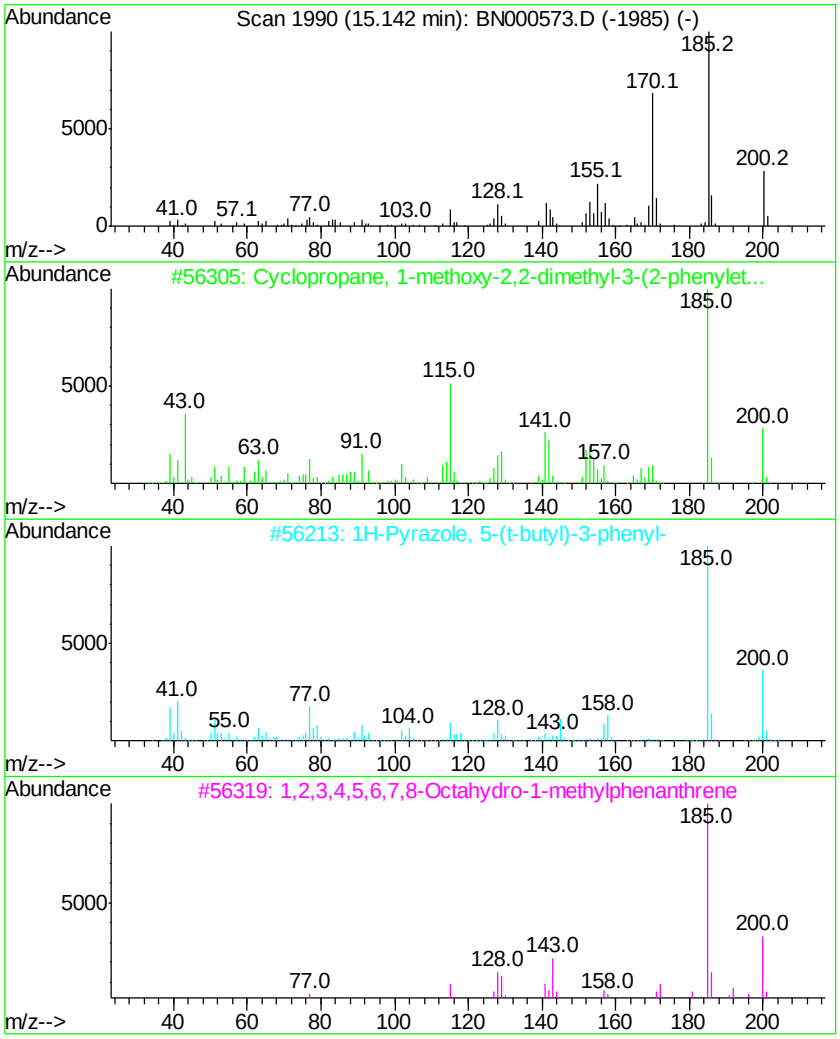
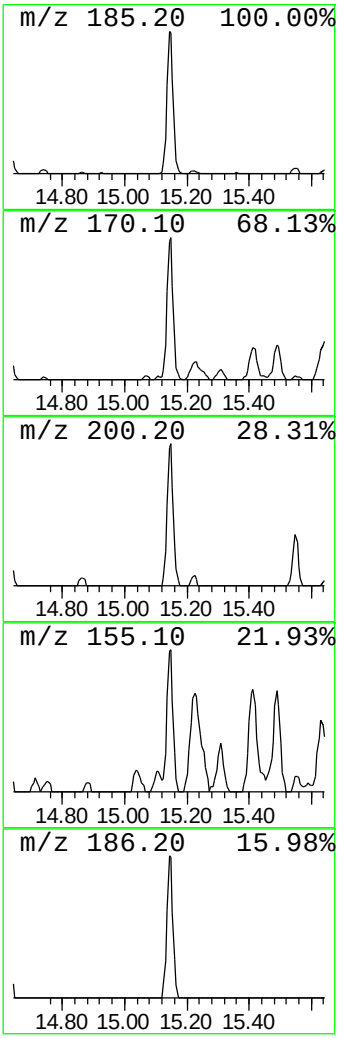
Peak Number 20 Cyclopropane, 1-methoxy-2,2... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.21 ng/ul	240739	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methoxy-2,2-dime...	200	C14H16O	1000271-83-0	60
2	1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	55
3	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	55
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	38





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Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

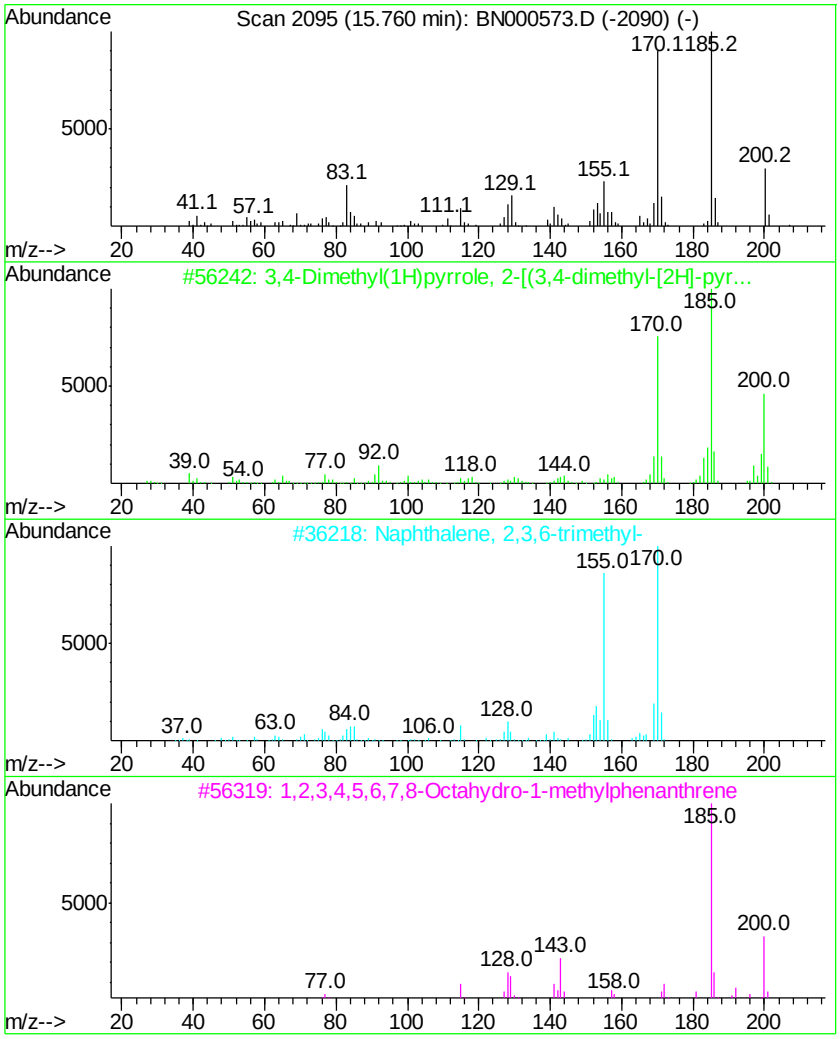
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

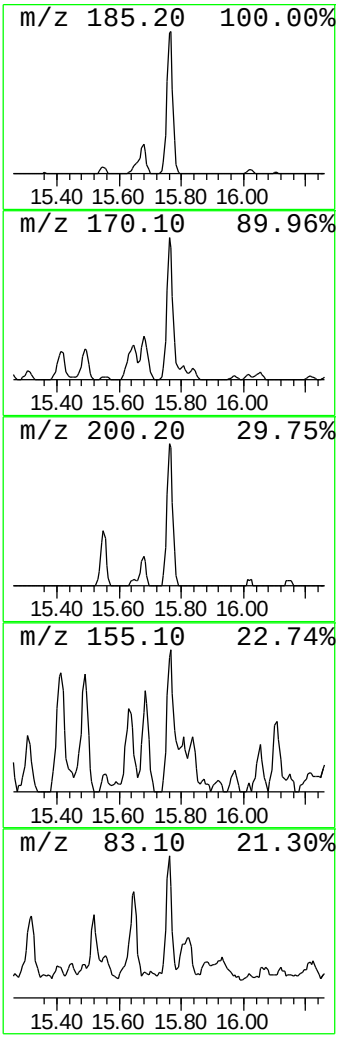
****

Peak Number 21 3,4-Dimethyl(1H)pyrrole, 2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.28 ng/ul	248405	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl(1H)pyrrole, 2-[(3,4...	200	C13H16N2	065539-79-9	83
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
3	1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	50
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
5	9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	45





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

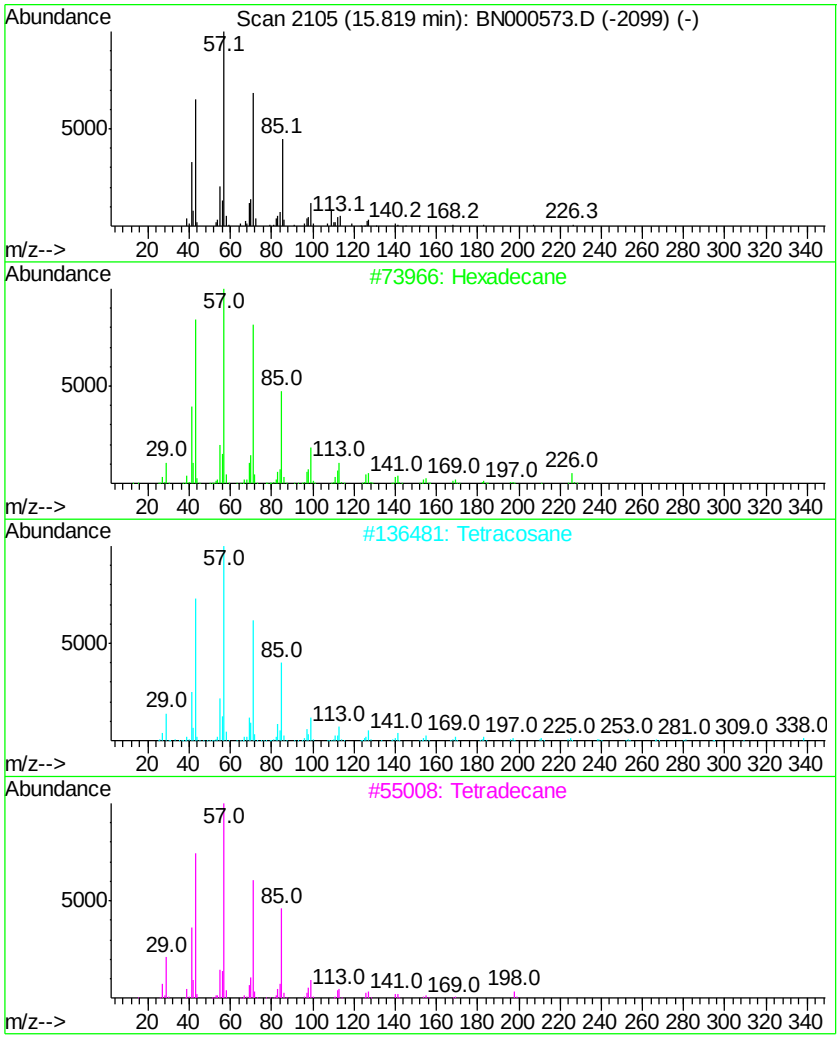
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

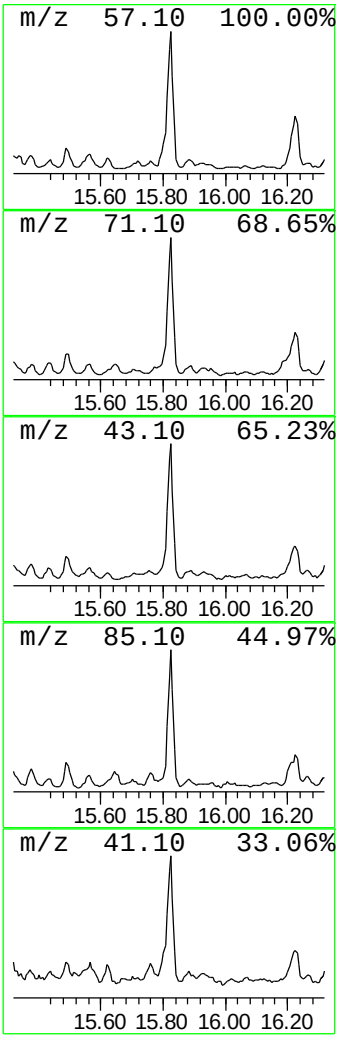
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	3.21 ng/ul	349459	Acenaphthene-d10	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetracosane	338	C24H50	000646-31-1	86
3	Tetradecane	198	C14H30	000629-59-4	78
4	Heptadecane	240	C17H36	000629-78-7	78
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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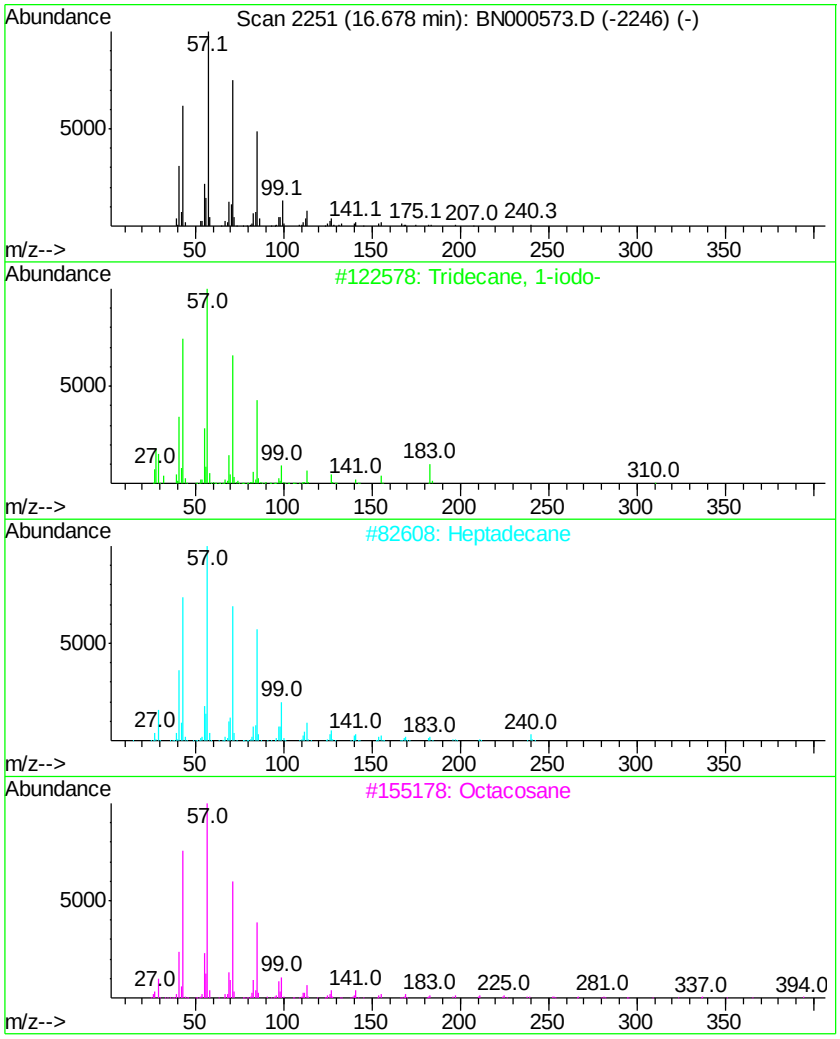
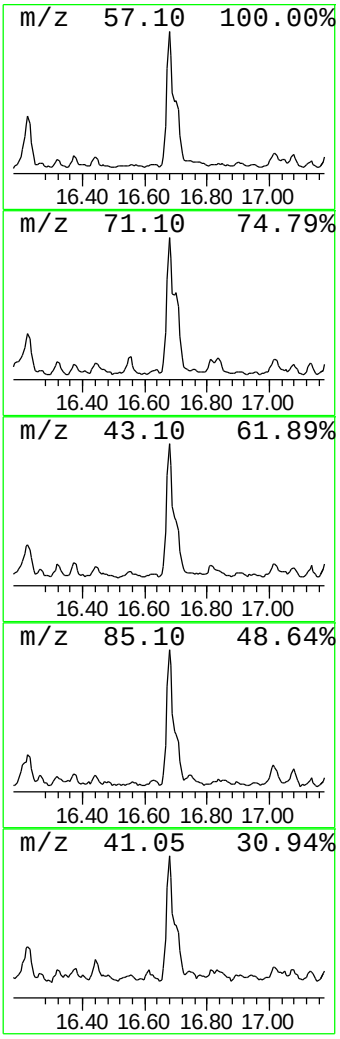
Peak Number 23 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	2.30 ng/ul	287384	Phenanthrene-d10	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octacosane	394	C28H58	000630-02-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

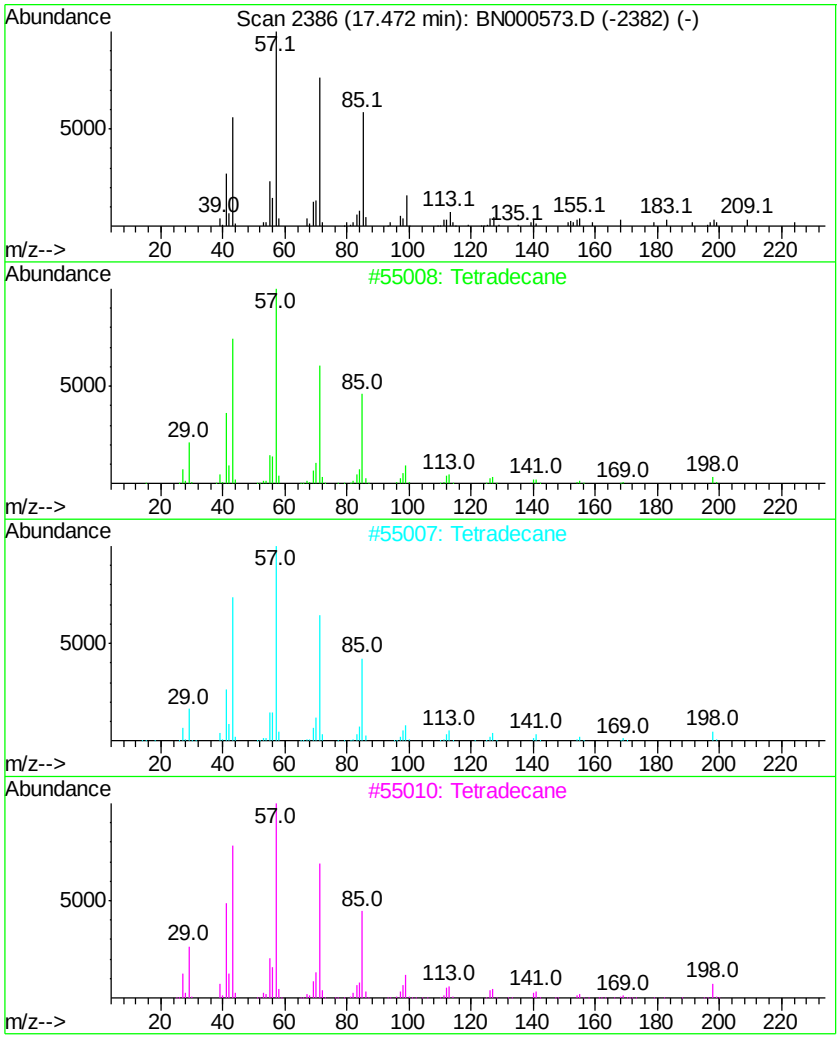
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

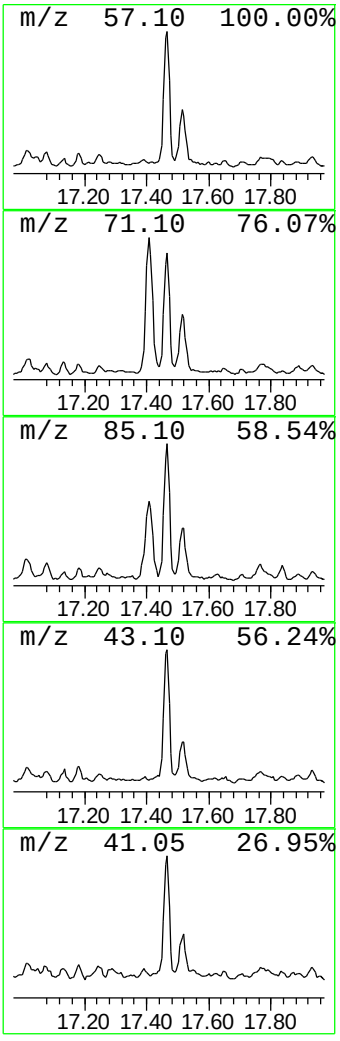
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	2.21 ng/ul	276092	Phenanthrene-d10	17.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Octadecane	254	C18H38	000593-45-3	86
5	Octacosane	394	C28H58	000630-02-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032318\
Data File : BN000573.D
Acq On : 23 Mar 2018 12:28
Operator : JU/SJ
Sample : J1905-16DL3 600X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAM51DL3

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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
(DEL) Alkane: Str...	6.35	2.6	ng/ul	137706	1	8.41	1051790	20.0
(DEL) Alkane: Str...	7.53	3.1	ng/ul	162214	1	8.41	1051790	20.0
2-Heptanone, 4,6-...	7.80	2.2	ng/ul	114070	1	8.41	1051790	20.0
(DEL) Alkane: Str...	8.00	8.1	ng/ul	423123	1	8.41	1051790	20.0
1,1-Hexylenedioxy...	8.60	6.5	ng/ul	343928	1	8.41	1051790	20.0
Cyclohexanone, 3,...	8.84	6.5	ng/ul	343447	1	8.41	1051790	20.0
(DEL) Alkane: Str...	8.98	2.8	ng/ul	146470	1	8.41	1051790	20.0
Benzene, 1,4-diet...	9.05	4.6	ng/ul	240644	1	8.41	1051790	20.0
(DEL) Alkane: Str...	9.16	2.2	ng/ul	116662	1	8.41	1051790	20.0
Benzene, 1-methyl...	9.53	2.4	ng/ul	123737	1	8.41	1051790	20.0
(DEL) Alkane: Str...	9.63	10.3	ng/ul	543990	1	8.41	1051790	20.0
unknown-01	9.75	2.1	ng/ul	108472	1	8.41	1051790	20.0
(DEL) Alkane: Str...	11.18	3.5	ng/ul	288158	2	11.25	1629240	20.0
4-Nonanone, 2,6,8...	11.33	2.2	ng/ul	177340	2	11.25	1629240	20.0
Cyanic acid, ethy...	11.59	3.0	ng/ul	244057	2	11.25	1629240	20.0
1,3-Propanediol, ...	12.45	2.2	ng/ul	178441	2	11.25	1629240	20.0
(DEL) Alkane: Str...	12.61	2.8	ng/ul	230511	2	11.25	1629240	20.0
(DEL) Alkane: Str...	13.82	2.6	ng/ul	281795	3	15.03	2177390	20.0
(DEL) Alkane: Str...	14.88	5.9	ng/ul	637783	3	15.03	2177390	20.0
Cyclopropane, 1-m...	15.14	2.2	ng/ul	240739	3	15.03	2177390	20.0
3,4-Dimethyl(1H)p...	15.76	2.3	ng/ul	248405	3	15.03	2177390	20.0
(DEL) Alkane: Str...	15.82	3.2	ng/ul	349459	3	15.03	2177390	20.0
Tridecane, 1-iodo-	16.68	2.3	ng/ul	287384	4	17.76	2502360	20.0
(DEL) Alkane: Str...	17.47	2.2	ng/ul	276092	4	17.76	2502360	20.0