LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

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-BN021220MA.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	6.528	597	602	605	rBV6	5012	7276	0.22%	0.031%
2	6.769	638	643	649	rBV6	3327	8165	0.25%	0.035%
3	6.893	661	664	668	rVB4	5917	6645	0.20%	0.029%
4	6.957	668	675	676	rBV6	5014	8116	0.25%	0.035%
5	7.193	712	715	723	rVB8	4131	7704	0.23%	0.033%
6	7.304	726	734	737	rBV5	7528	15387	0.47%	0.066%
7	7.381	741	747	759	rVV	313485	541582	16.50%	2.329%
8	7.557	770	777	781	rVV6	6921	14184	0.43%	0.061%
9	7.816	816	821	824	rVV5	4705	6882	0.21%	0.030%
10	7.916	833	838	843	rVV3	17925	28186	0.86%	0.121%
11	8.122	866	873	876	rBV8	7696	14279	0.43%	0.061%
12	8.181	879	883	887	rBV6	7674	10679	0.33%	0.046%
13	8.234	887	892	896	rVV5	17792	27294	0.83%	0.117%
14	8.334	905	909	912	rBV5	5494	7652	0.23%	0.033%
15	8.446	917	928	932	rBV6	26095	67004	2.04%	0.288%
16	8.575	947	950	951	rVV2	6295	6796	0.21%	0.029%
17	8.599	951	954	962	rVB6	11387	22329	0.68%	0.096%
18	8.704	964	972	978	rVB7	17494	41211	1.26%	0.177%
19	8.763	978	982	985	rBV5	5686	9392	0.29%	0.040%
20	8.816	985	991	997	rVB7	10609	17866	0.54%	0.077%
21	8.875	997	1001	1003	rBV5	8287	11117	0.34%	0.048%
22	8.999	1019	1022	1025	rVB3	9070	12056	0.37%	0.052%
23	9.057	1027	1032	1038	rBV5	28555	45763	1.39%	0.197%
24	9.204	1049	1057	1062	rBV4	18734	42637	1.30%	0.183%
25	9.310	1069	1075	1084	rVB4	55366	116191	3.54%	0.500%
26	9.381	1084	1087	1090	rBV5	6511	8974	0.27%	0.039%
27	9.481	1102	1104	1109	rVB5	6502	7022	0.21%	0.030%
28	9.581	1116	1121	1127	rBV8	11065	20817	0.63%	0.090%
29	9.646	1129	1132	1134	rVB3	6771	7792	0.24%	0.034%
30	9.728	1142	1146	1151	rBV5	10054	16983	0.52%	0.073%
31	9.834	1159	1164	1166	rBV6	12771	22394	0.68%	0.096%
32	9.875	1168	1171	1174	rVV3	9032	12507	0.38%	0.054%
33	10.087	1202	1207	1208	rBV5	17930	22379	0.68%	0.096%
34	10.128	1208	1214	1224	rVB	440301	807536	24.60%	3.473%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

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-BN021220MA.M
Title : SVOA CALIBRATION

35	10.310	1240	1245	1250	rBV6	25120	49046	1.49%	0.211%
36	10.375	1250	1256	1260	rVV6	9682	18728	0.57%	0.081%
37	10.410	1260	1262	1265	rBV4	7941	8923	0.27%	0.038%
38	10.528	1278	1282	1287	rVB6	19537	28743	0.88%	0.124%
39	10.616	1292	1297	1300	rVV6	21914	36447	1.11%	0.157%
40	10.657	1300	1304	1307	rVB5	14202	21548	0.66%	0.093%
41	10.722	1312	1315	1319	rVV3	15897	21290	0.65%	0.092%
42	10.769	1320	1323	1325	rVV4	14224	17181	0.52%	0.074%
43	10.804	1325	1329	1334	rVB4	48291	77918	2.37%	0.335%
44	10.875	1338	1341	1344	rBV4	12512	19983	0.61%	0.086%
45	10.910	1345	1347	1350	rBV3	7559	7848	0.24%	0.034%
46	10.975	1356	1358	1363	rVB6	8020	10461	0.32%	0.045%
47	11.016	1363	1365	1367	rBV3	6345	6829	0.21%	0.029%
48	11.175	1385	1392	1394	rBV3	55455	108063	3.29%	0.465%
49	11.304	1411	1414	1418	rBV4	26807	31206	0.95%	0.134%
50	11.404	1429	1431	1441	rVB8	29719	68231	2.08%	0.293%
51	11.551	1452	1456	1459	rBV6	15906	27282	0.83%	0.117%
52	11.604	1461	1465	1470	rVV8	16801	39640	1.21%	0.170%
53	11.869	1505	1510	1514	rBV3	64943	108797	3.31%	0.468%
54	12.010	1531	1534	1538	rBV6	18061	31443	0.96%	0.135%
55	12.228	1562	1571	1576	rVB9	33493	113612	3.46%	0.489%
56	12.428	1598	1605	1610	rBV4	125718	278793	8.49%	1.199%
57	12.481	1611	1614	1618	rVV4	31100	46373	1.41%	0.199%
58	12.557	1623	1627	1630	rVV	127590	188898	5.75%	0.812%
59	12.592	1630	1633	1638	rVB2	112932	170999	5.21%	0.735%
60	12.781	1659	1665	1669	rBV	189869	308251	9.39%	1.326%
61	12.816	1669	1671	1678	rVV2	35003	79952	2.44%	0.344%
62	13.198	1734	1736	1737	rBV	29697	21903	0.67%	0.094%
63	13.334	1755	1759	1762	rBV2	99837	155109	4.72%	0.667%
64	13.428	1770	1775	1782	rBV2	837660	1229606	37.45%	5.288%
65	13.528	1788	1792	1799	rBV3	280624	474396	14.45%	2.040%
66	13.745	1825	1829	1834	rBV2	180056	298221	9.08%	1.282%
67	13.845	1842	1846	1851	rVB2	614980	814571	24.81%	3.503%
68	13.981	1866	1869	1872	rBV2	193270	228640	6.96%	0.983%
69	14.022	1872	1876	1886	rVB	758197	1159106	35.30%	4.984%
70	14.104	1887	1890	1894	rBV4	107248	138591	4.22%	0.596%
71	14.357	1931	1933	1936	rBV4	57701	55186	1.68%	0.237%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

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-BN021220MA.M
Title : SVOA CALIBRATION

72	14.575	1967	1970	1975	rVB2	169734	240551	7.33%	1.034%
73	14.651	1979	1983	1984	rBV3	99775	122753	3.74%	0.528%
74	14.681	1985	1988	1995	rVB5	189114	320595	9.76%	1.379%
75	14.745	1996	1999	2001	rBV3	102914	125363	3.82%	0.539%
76	14.816	2007	2011	2017	rVB	436838	561978	17.12%	2.417%
77	14.916	2024	2028	2032	rVB2	173348	206464	6.29%	0.888%
78	14.986	2037	2040	2045	rBV7	83008	143706	4.38%	0.618%
79	15.033	2045	2048	2052	rVB3	164059	218551	6.66%	0.940%
80	15.322	2093	2097	2102	rVB	348618	533462	16.25%	2.294%
81	15.645	2149	2152	2158	rBV2	175512	269635	8.21%	1.159%
82	15.804	2171	2179	2184	rBV	944153	1556832	47.42%	6.695%
83	15.904	2193	2196	2199	rBV4	96159	140248	4.27%	0.603%
84	16.439	2282	2287	2295	rBV	2258327	3283142	100.00%	14.118%
85	16.575	2306	2310	2314	rBV2	158381	223862	6.82%	0.963%
86	16.628	2315	2319	2327	rVB	406784	606018	18.46%	2.606%
87	16.780	2340	2345	2349	rBV	944254	1213572	36.96%	5.219%
88	17.310	2433	2435	2439	rVB	177533	188888	5.75%	0.812%
89	18.004	2550	2553	2560	rVB	227420	282344	8.60%	1.214%
90	18.586	2649	2652	2657	rVB3	92504	122117	3.72%	0.525%
91	18.651	2659	2663	2667	rVB	311345	377649	11.50%	1.624%
92	19.221	2757	2760	2761	rBV	112618	132795	4.04%	0.571%
93	19.239	2761	2763	2768	rVB2	250692	291657	8.88%	1.254%
94	19.310	2772	2775	2782	rVB2	128720	186190	5.67%	0.801%
95	19.780	2851	2855	2860	rVB2	140922	177957	5.42%	0.765%
96	20.021	2893	2896	2901	rVB	121513	143643	4.38%	0.618%
97	20.069	2902	2904	2908	rVB	60678	63211	1.93%	0.272%
98	20.280	2937	2940	2947	rBV2	89147	111068	3.38%	0.478%
99	20.998	3058	3062	3071	rVB	1078246	1434931	43.71%	6.170%
100	23.098	3413	3419	3427	rVB	878145	1451003	44.20%	6.240%

Sum of corrected areas: 23254796

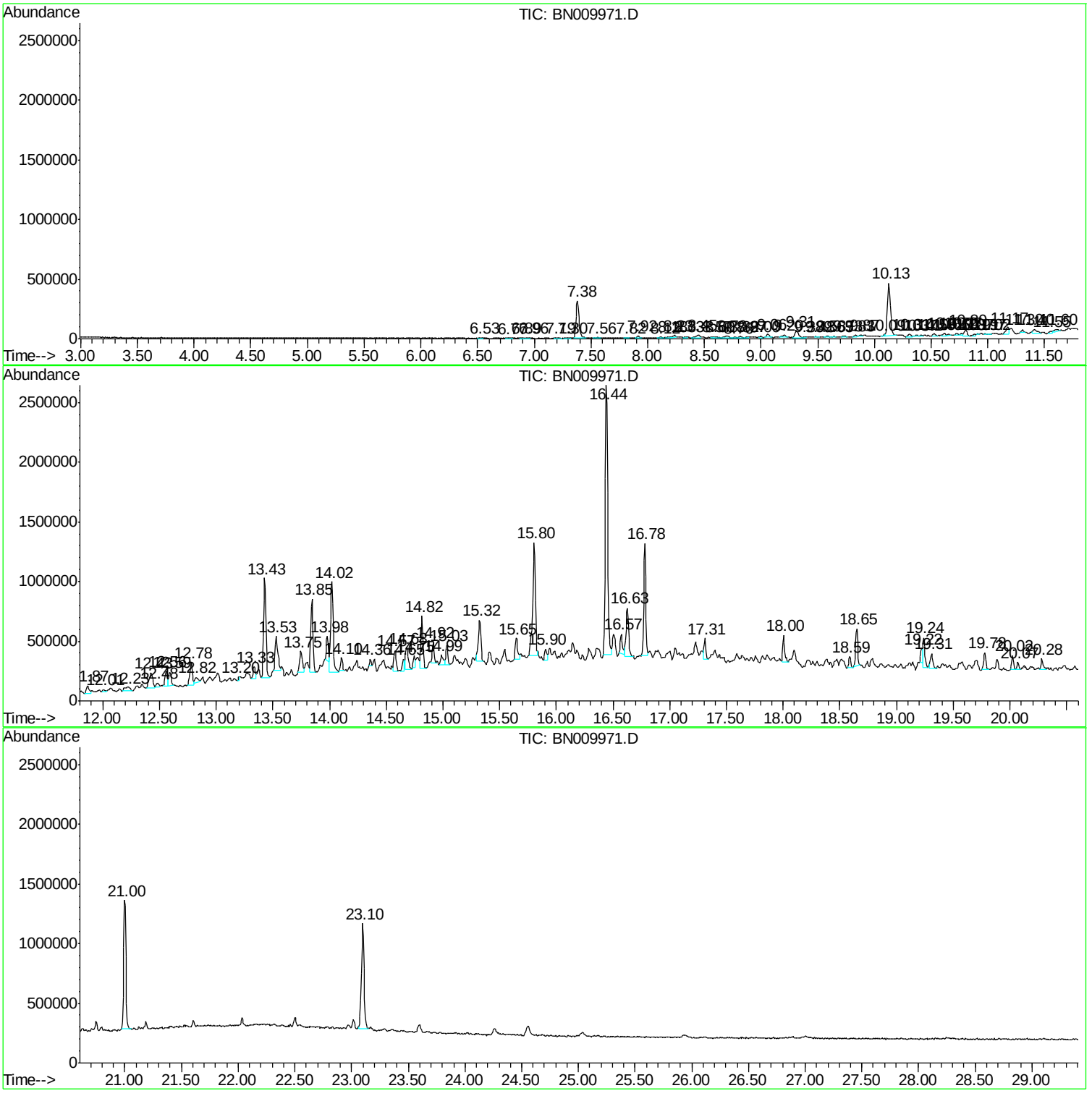
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

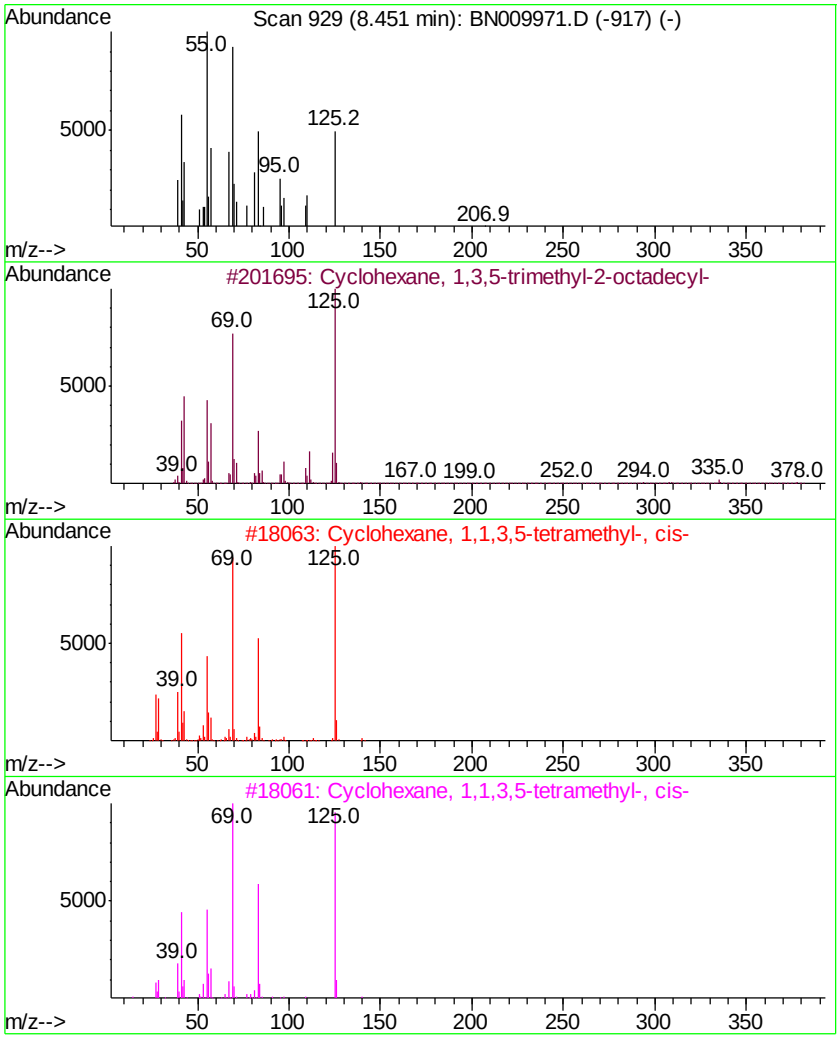
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

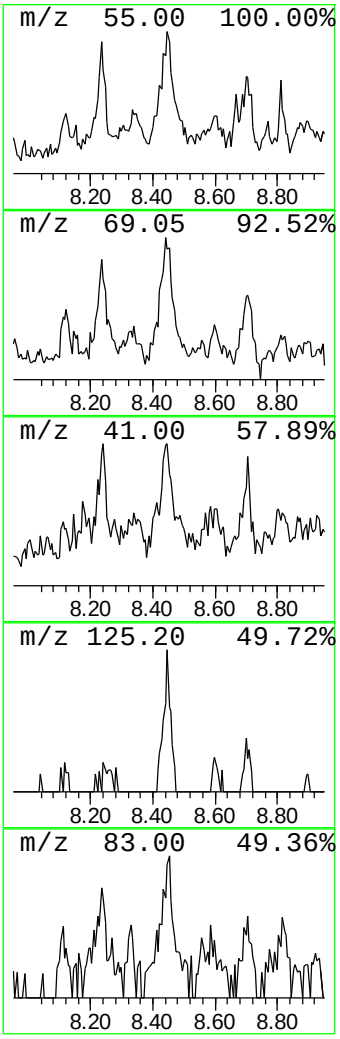
****

Peak Number 1 (DEL) Alkane: Cyclic8.45 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	2.47 ng/ul	67004	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	42
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	40
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	35
5	4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

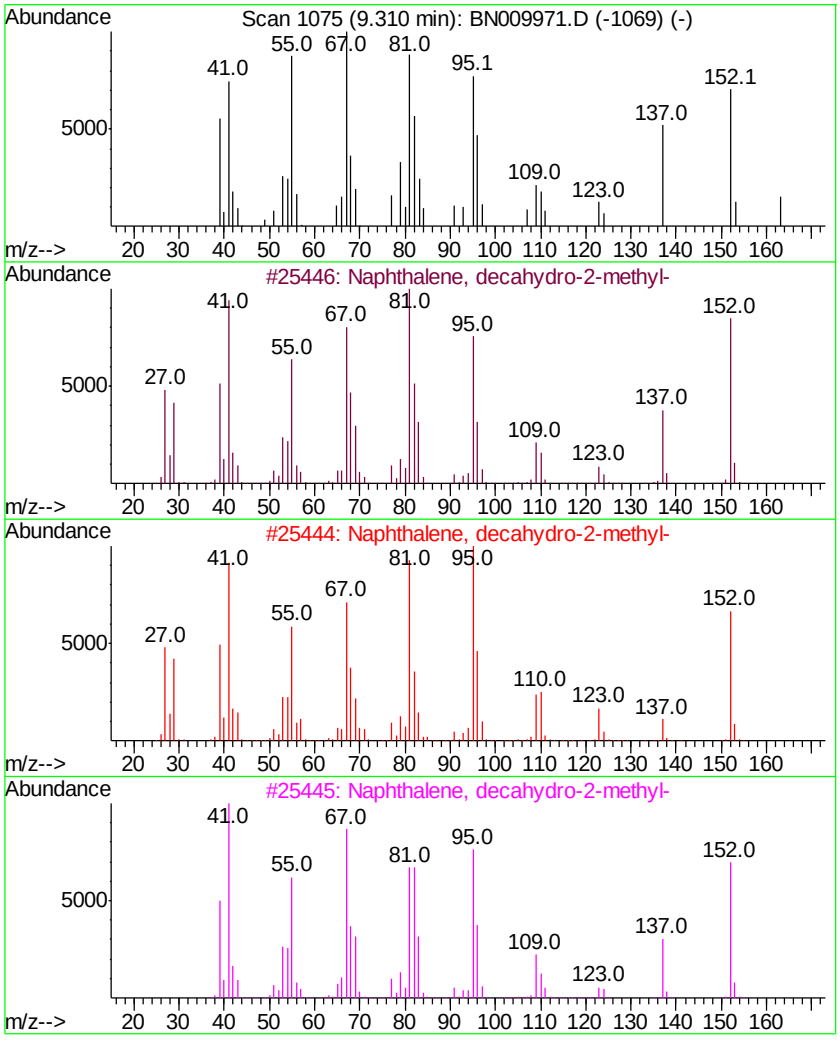
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

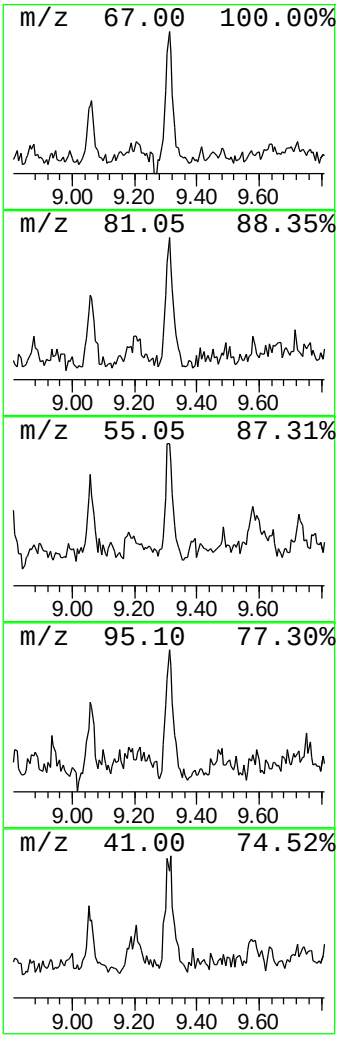
****

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.88 ng/ul	116191	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
4	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	92
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

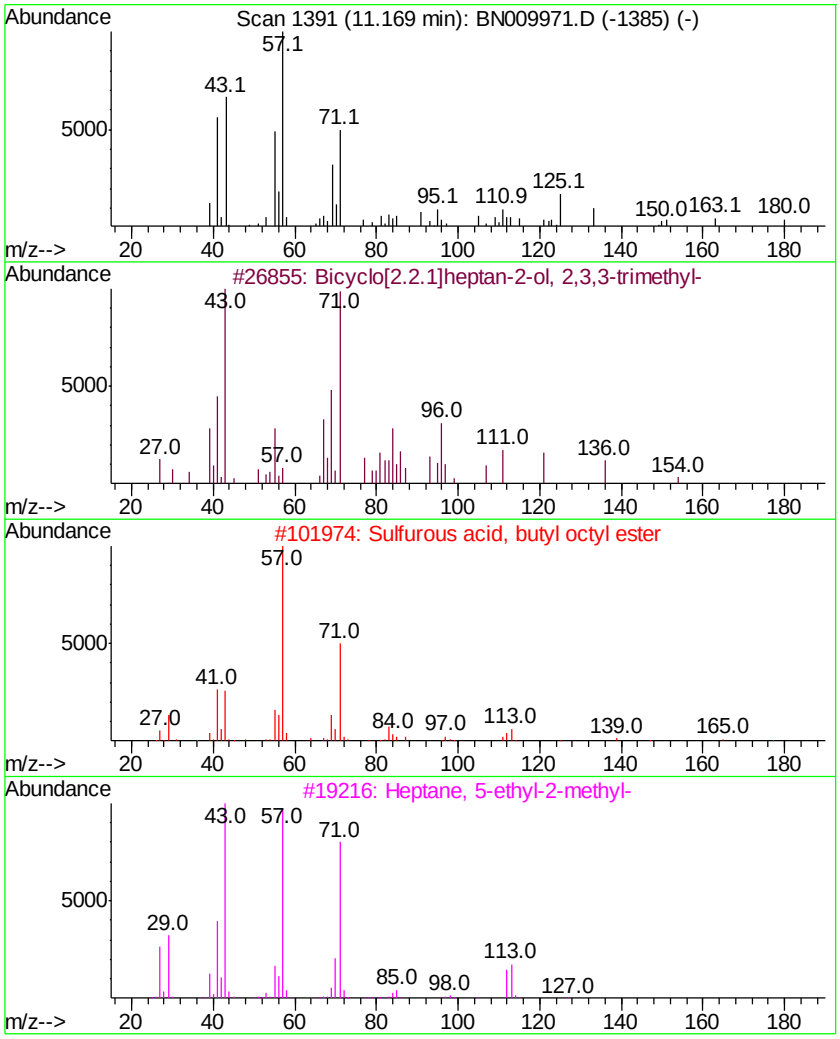
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

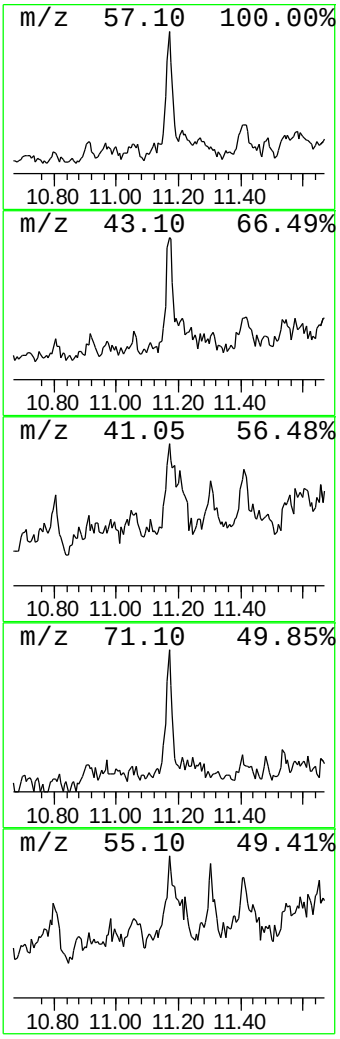
****

Peak Number 3 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	2.68 ng/ul	108063	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 2,3,3...	154	C10H18O	000465-31-6	38
2	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	35
3	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	27
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	27
5	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

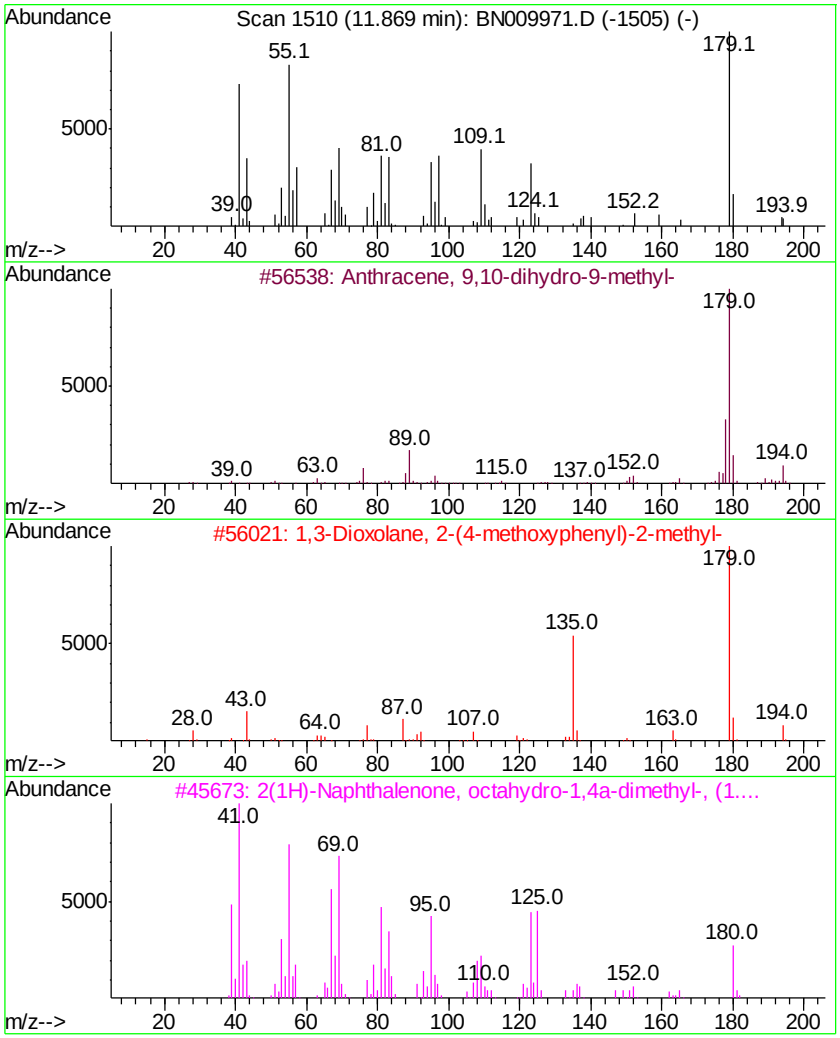
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

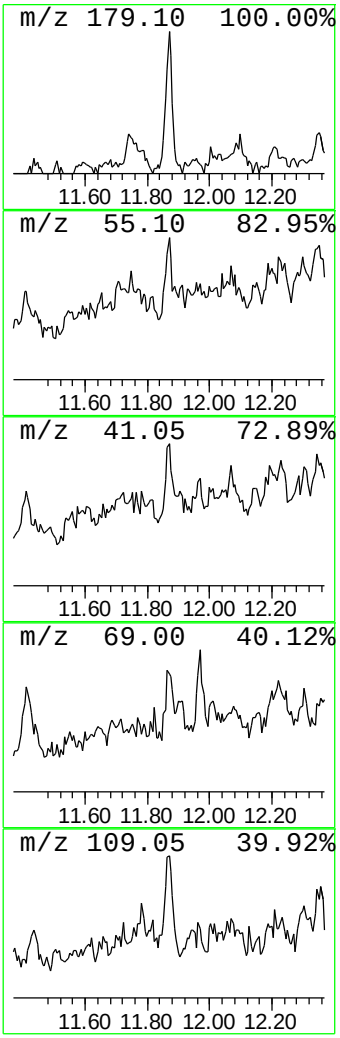
****

Peak Number 4 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.69 ng/ul	108797	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-9-methyl-	194	C15H14	017239-99-5	27
2	1,3-Dioxolane, 2-(4-methoxyphenyl...	194	C11H14O3	036881-00-2	27
3	2(1H)-Naphthalenone, octahydro-1...	180	C12H20O	022738-31-4	25
4	1,19-Eicosadiene	278	C20H38	014811-95-1	22
5	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

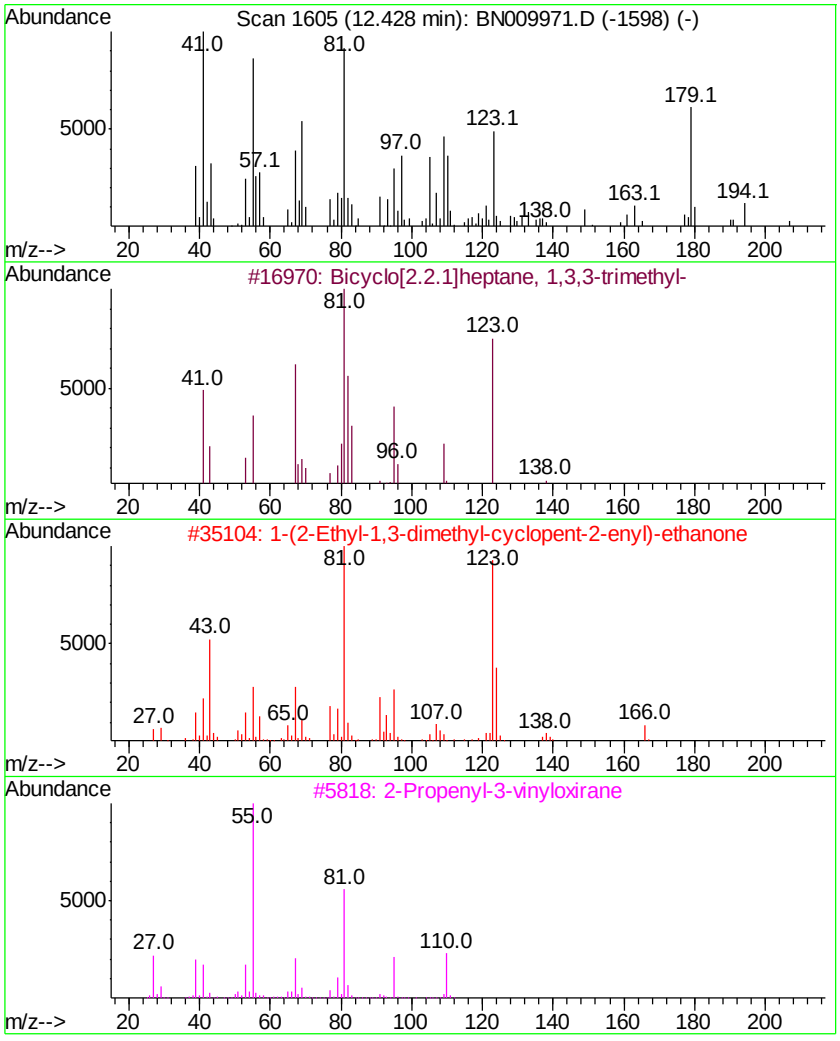
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

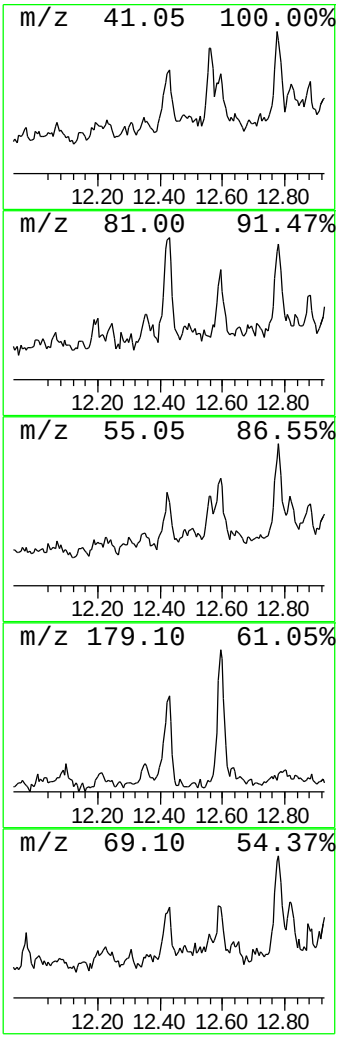
****

Peak Number 5 Bicyclo[2.2.1]heptane, 1,3,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	4.81 ng/ul	278793	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	53
2	1-(2-Ethyl-1,3-dimethyl-cyclopen...	166	C11H18O	1000185-18-1	43
3	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	43
4	Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	43
5	1-Cyclohexene-1-acetaldehyde, .a...	152	C10H16O	053155-80-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

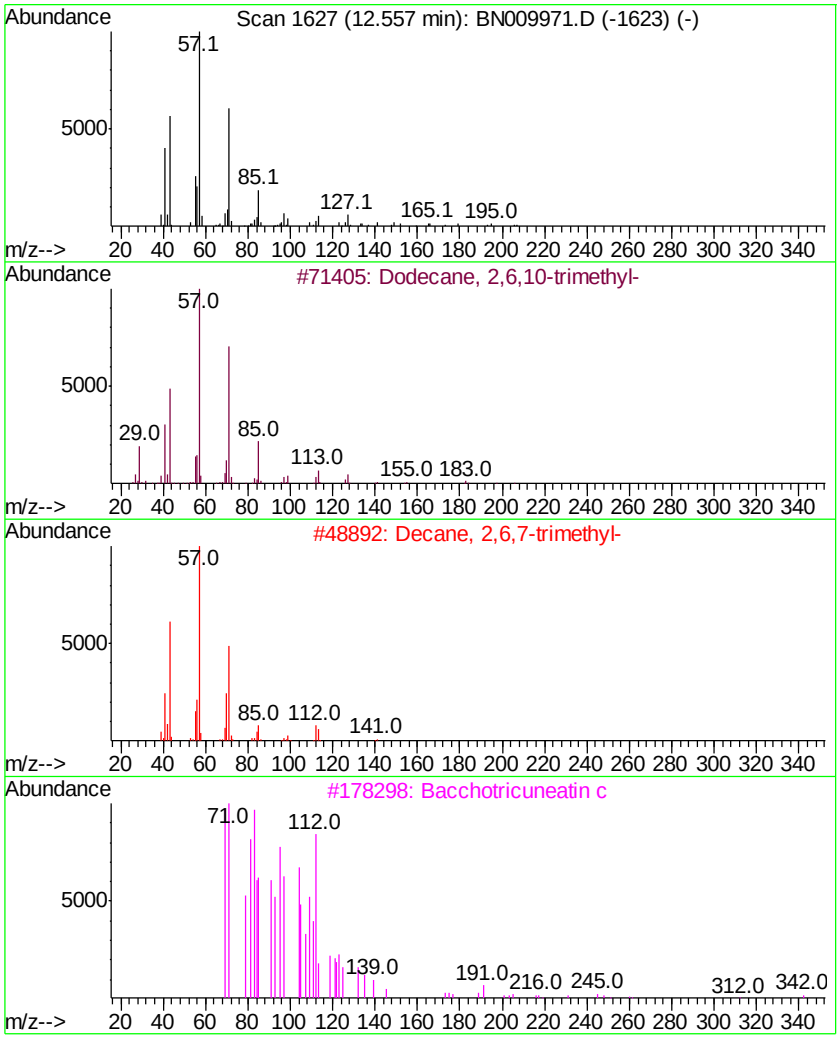
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

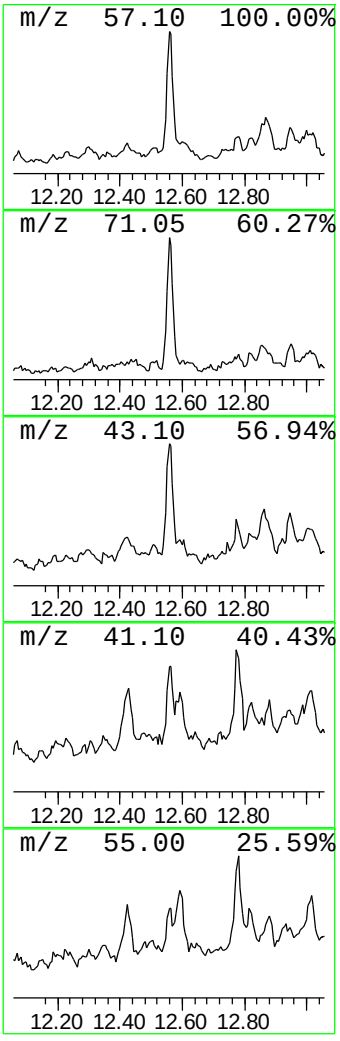
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.26 ng/ul	188898	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

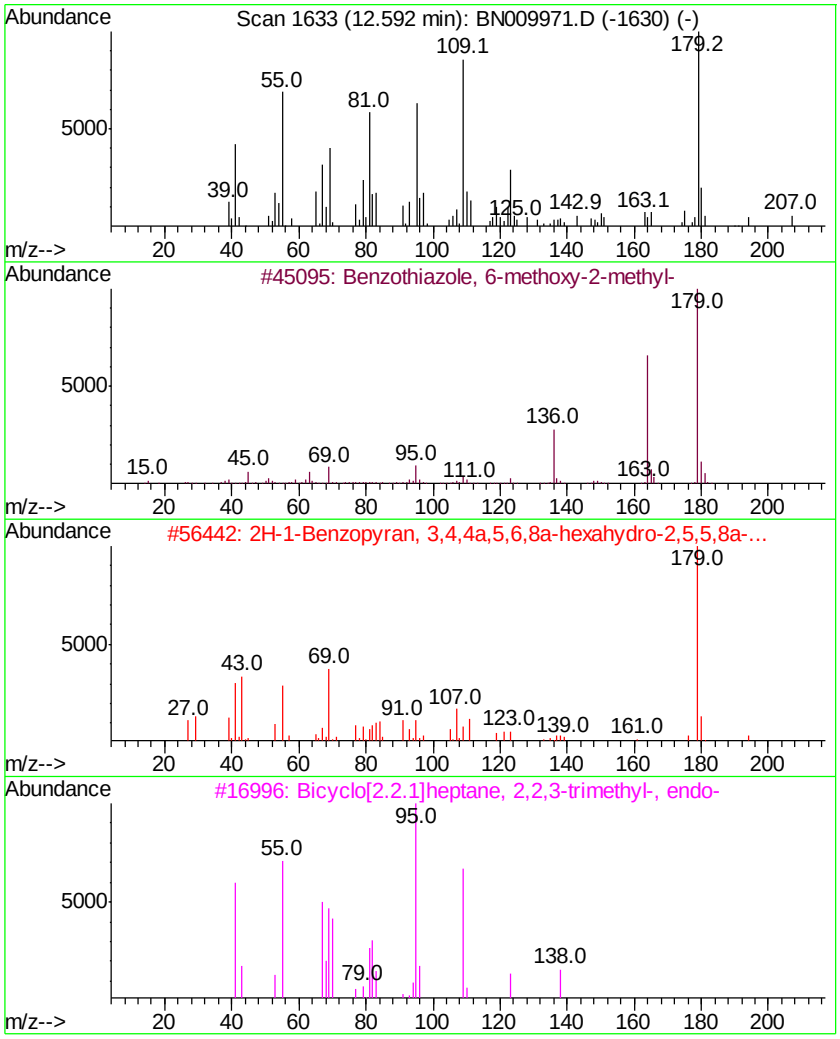
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

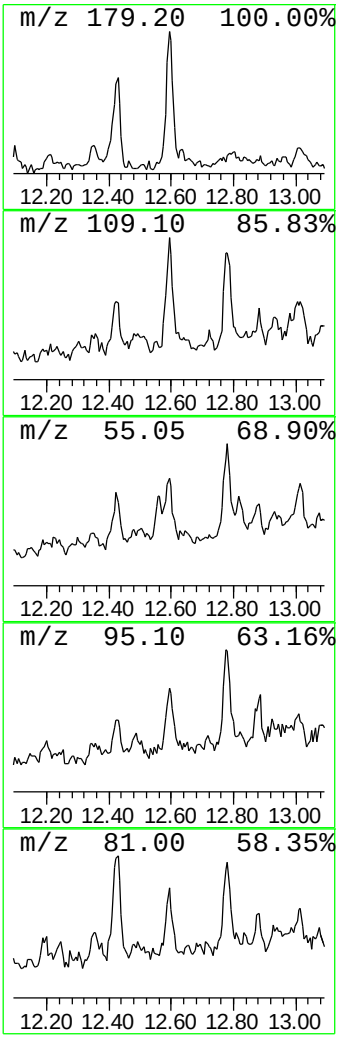
****

Peak Number 7 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.95 ng/ul	170999	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole, 6-methoxy-2-methyl-	179	C9H9NOS	002941-72-2	38
2	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	38
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	38
4	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	35
5	2-Butyl-3-methyl-5-(2-methylprop...	222	C15H26O	1000281-10-7	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

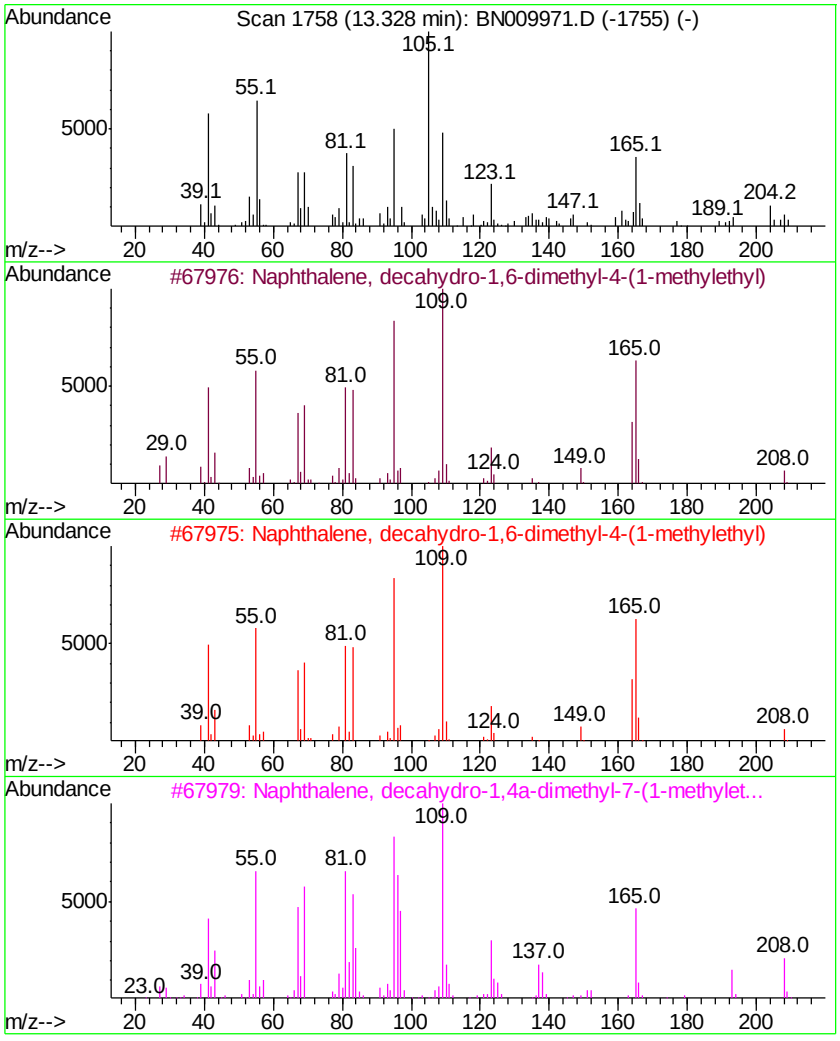
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

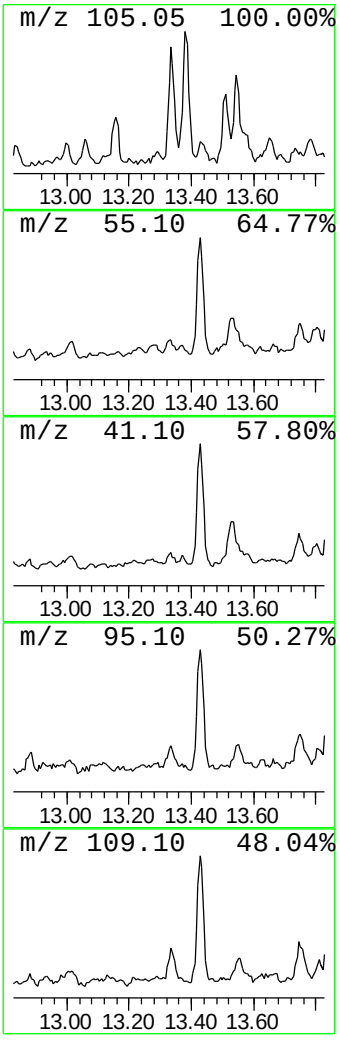
****

Peak Number 9 Naphthalene, decahydro-1,6-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.68 ng/ul	155109	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	70
2	Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	70
3	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	70
4	Naphthalene, decahydro-1,6-dimet...	208	C15H28	029788-41-8	58
5	1H-Indene, octahydro-2,3a,4-trim...	208	C15H28	031230-13-4	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

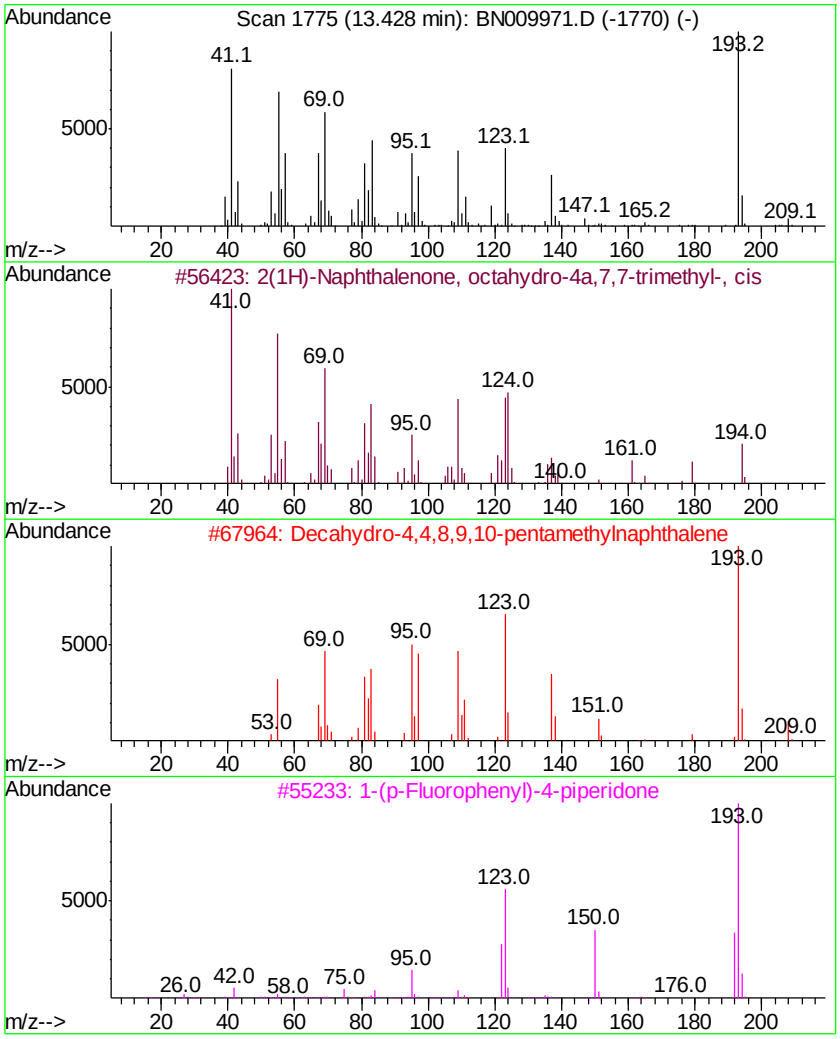
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

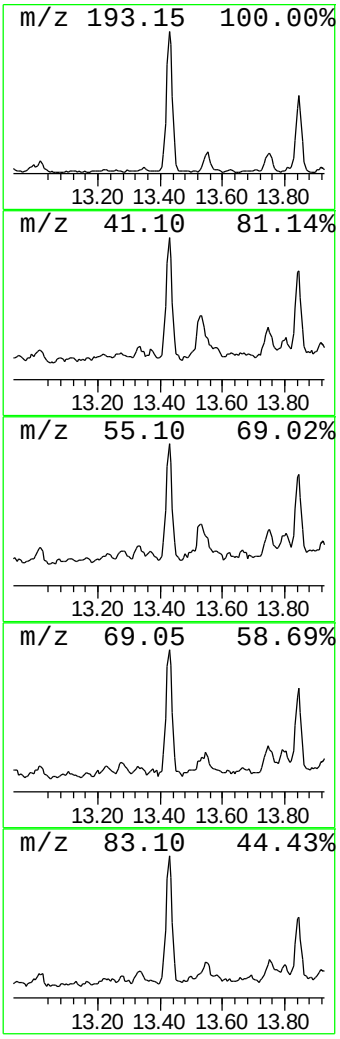
****

Peak Number 10 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	21.22 ng/ul	1229610	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	007056-56-6	49
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	43
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
4	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
5	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

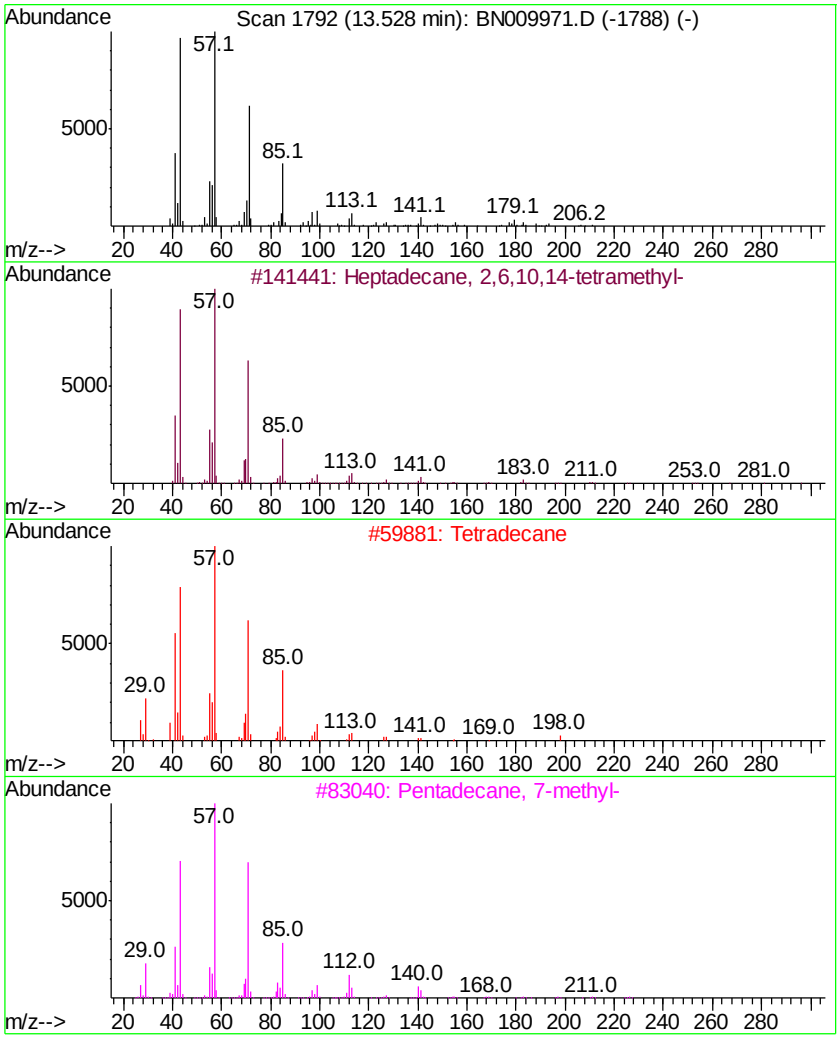
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

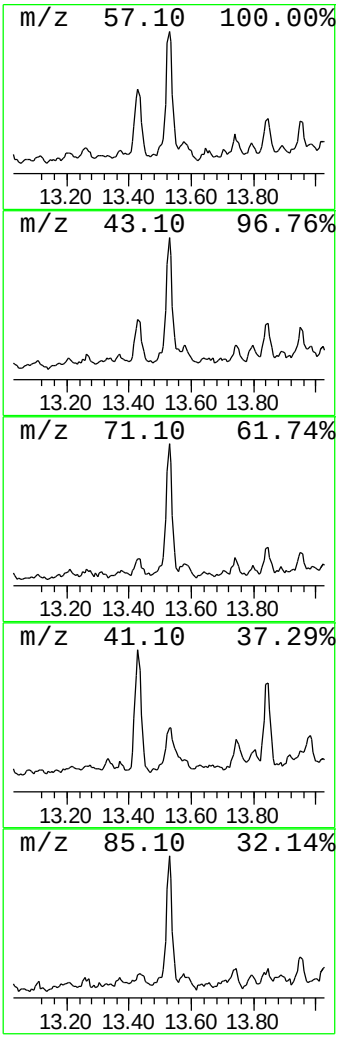
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	8.19 ng/ul	474396	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

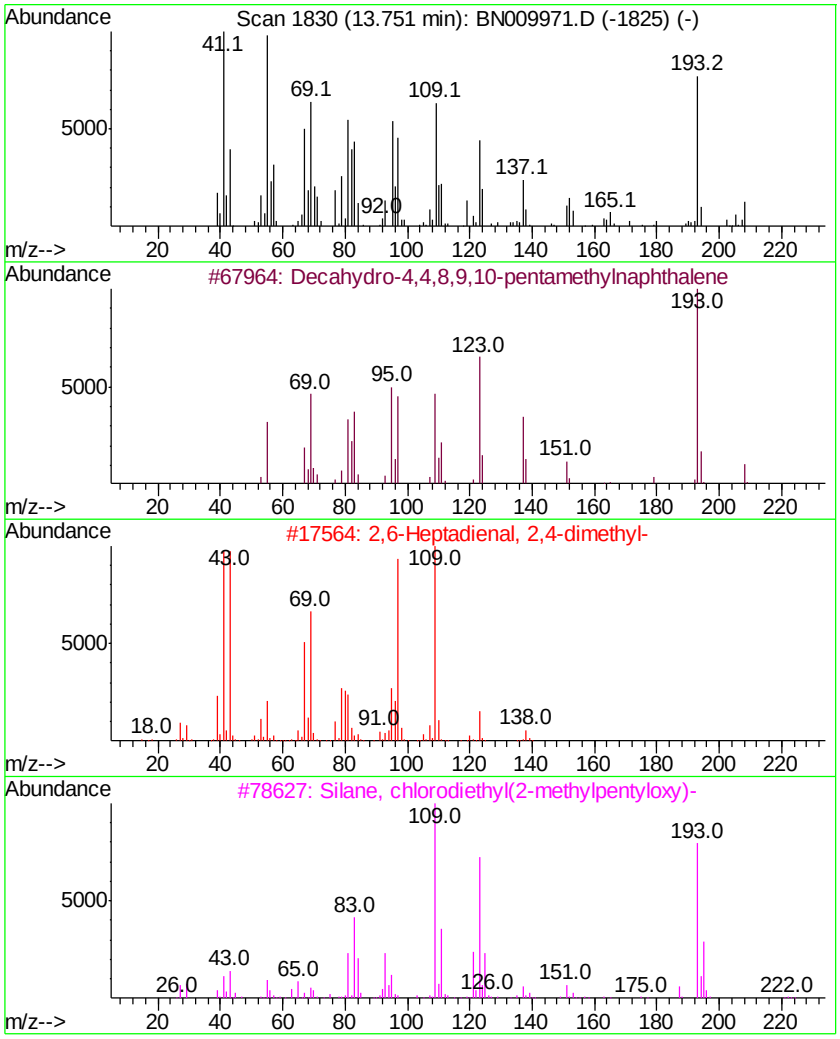
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

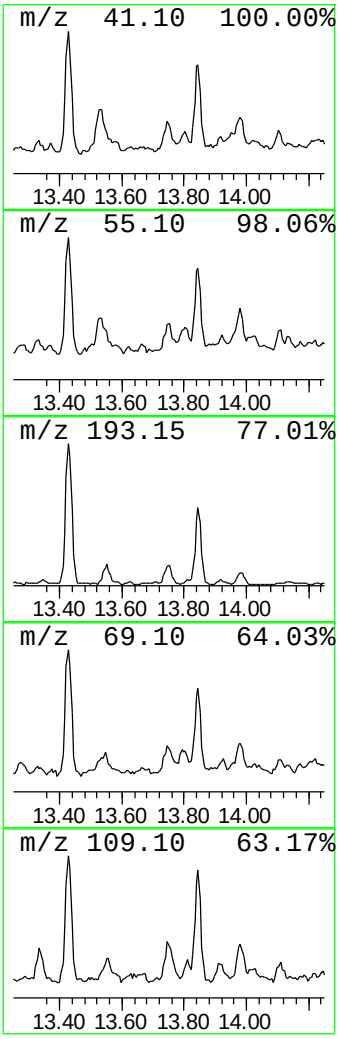
****

Peak Number 12 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.15 ng/ul	298221	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	97
2	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	38
3	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	27
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	27
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

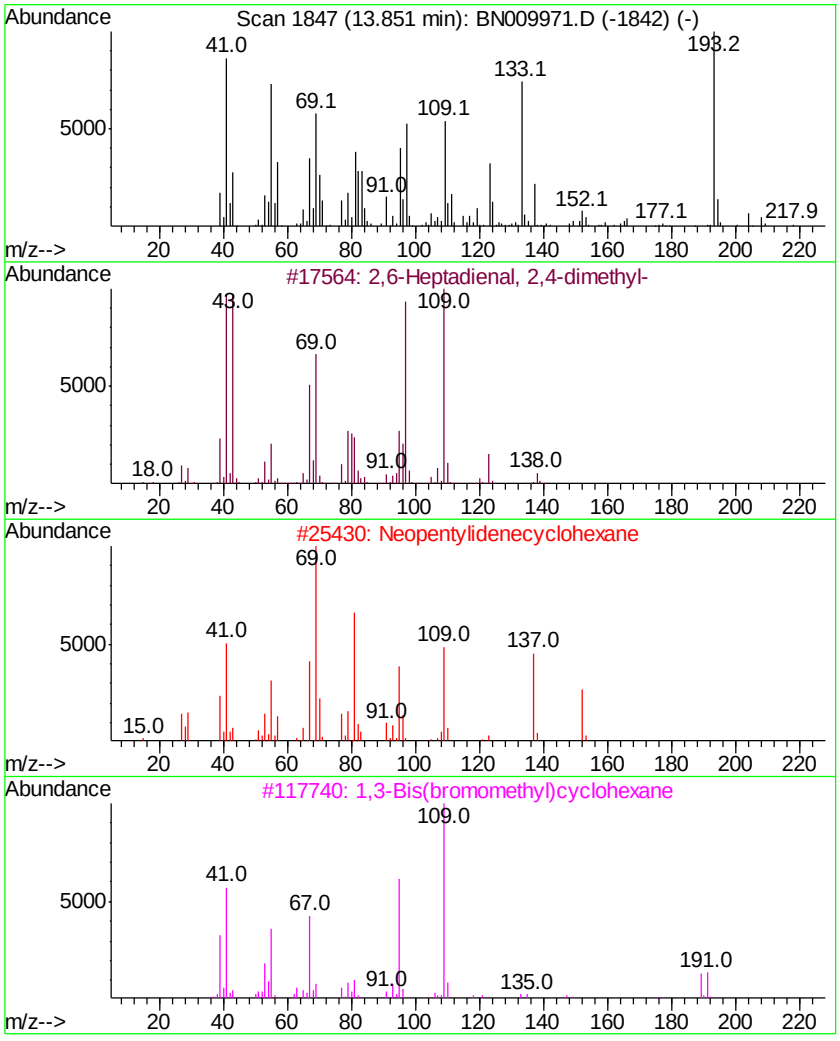
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

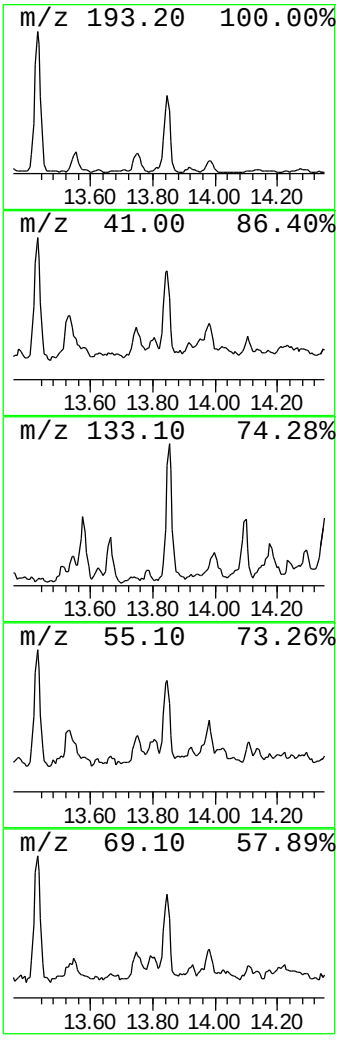
****

Peak Number 13 unknown-05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	14.06 ng/ul	814571	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	30
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	22
3	1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	22
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

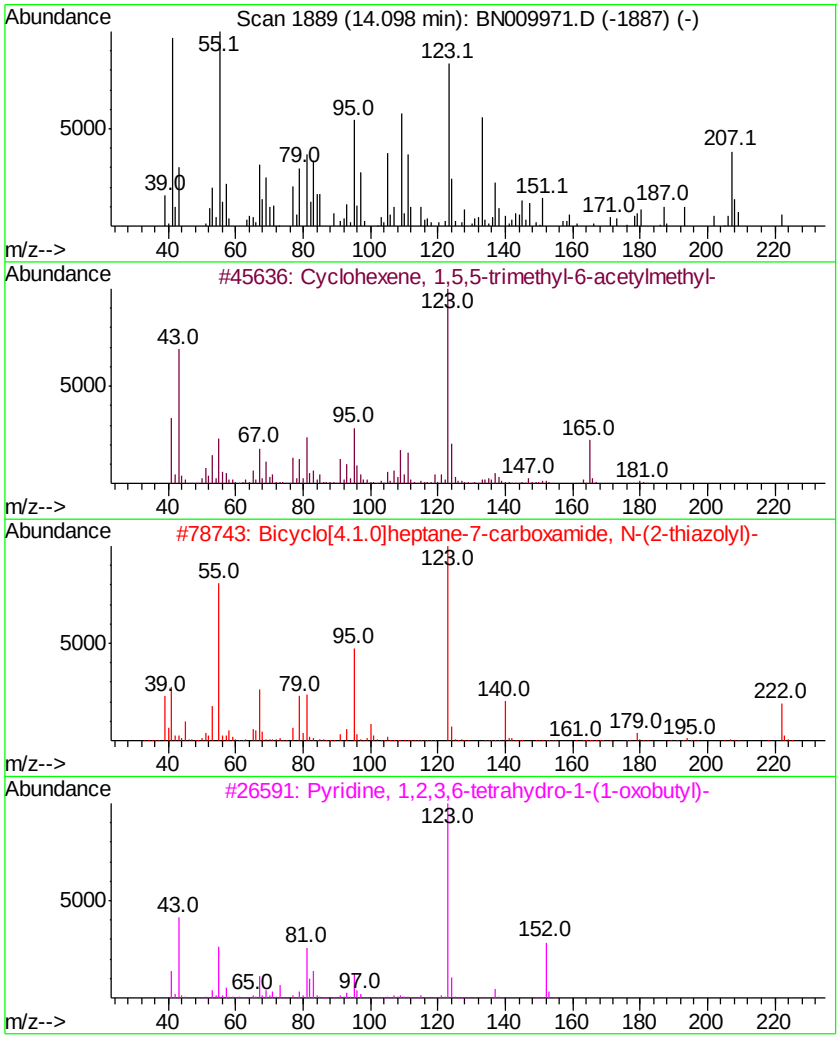
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

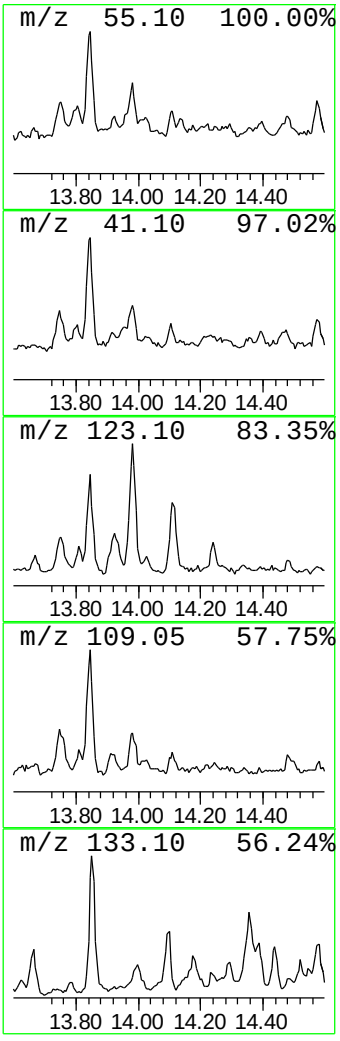
****

Peak Number 14 unknown-06 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.39 ng/ul	138591	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	47
2	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	46
3	Pyridine, 1,2,3,6-tetrahydro-1-(...	153	C9H15NO	057150-46-6	37
4	3-Fluorobenzoic acid, 2-tridecyl...	322	C20H31FO2	1000280-60-2	37
5	3-Fluorobenzoic acid, undec-10-e...	292	C18H25FO2	1000279-01-2	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

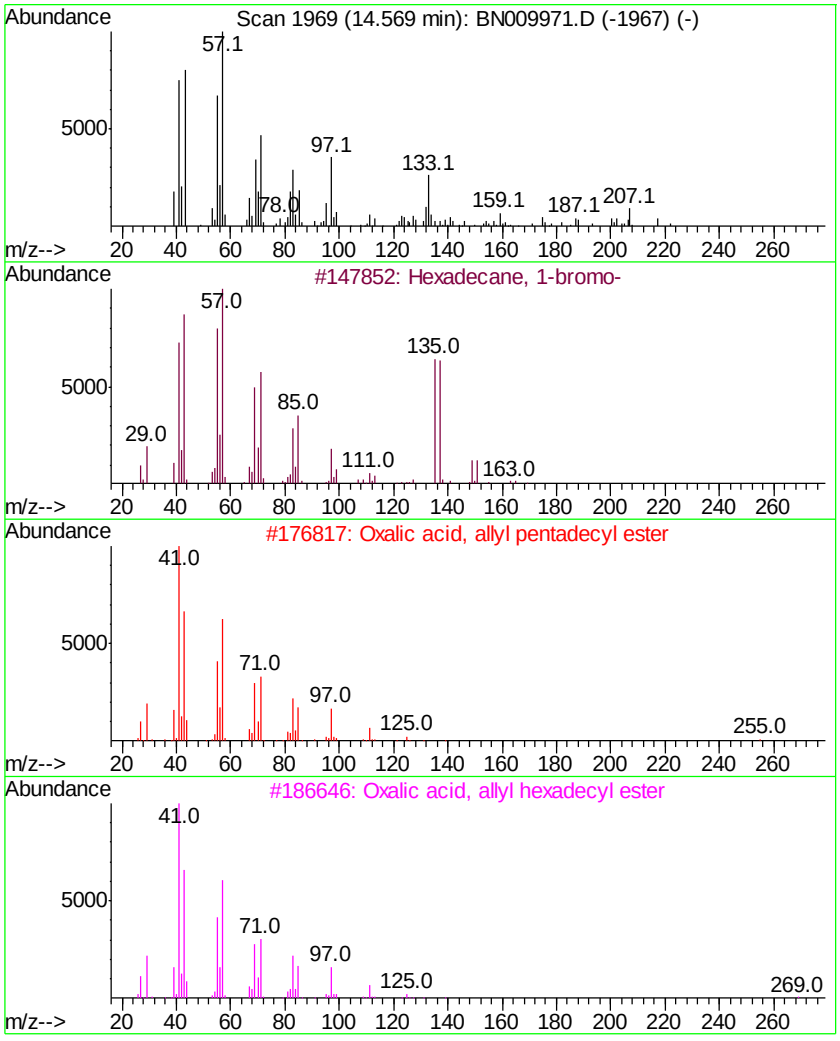
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

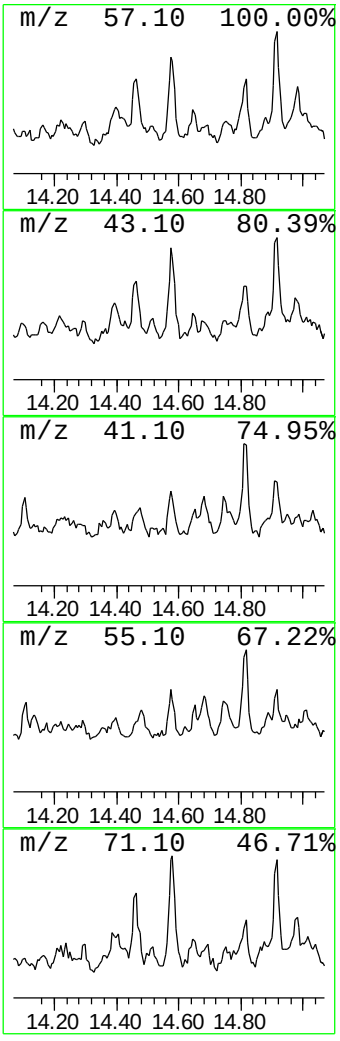
****

Peak Number 15 Hexadecane, 1-bromo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	4.15 ng/ul	240551	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	81
2	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	74
3	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	72
4	Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	64
5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

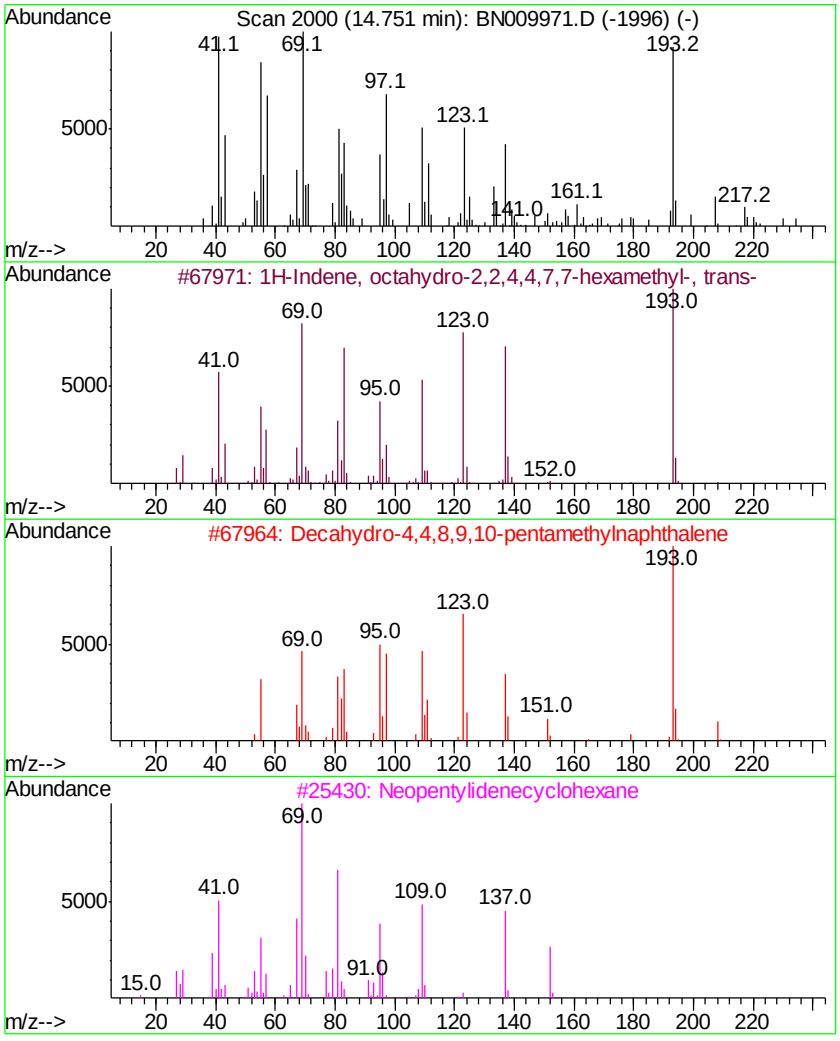
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

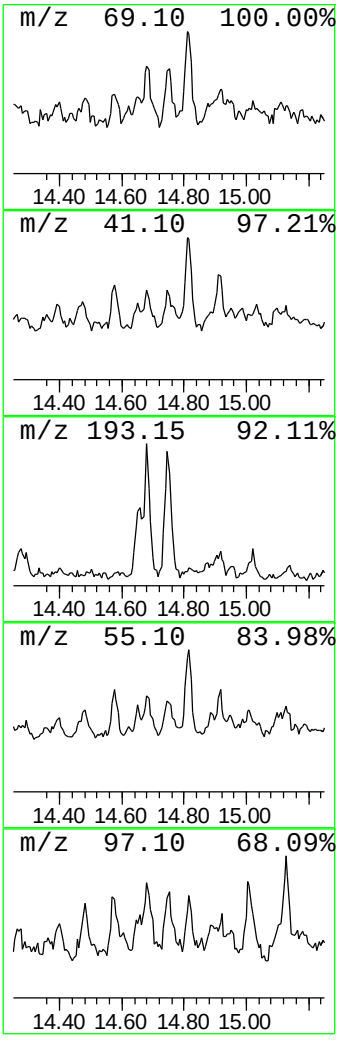
****

Peak Number 16 1H-Indene, octahydro-2,2,4,... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.16 ng/ul	125363	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	76
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	30
4	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	18
5	Phosphetane, 1-chloro-2,2,3,4,4-...	194	C8H16ClOP	029276-11-7	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

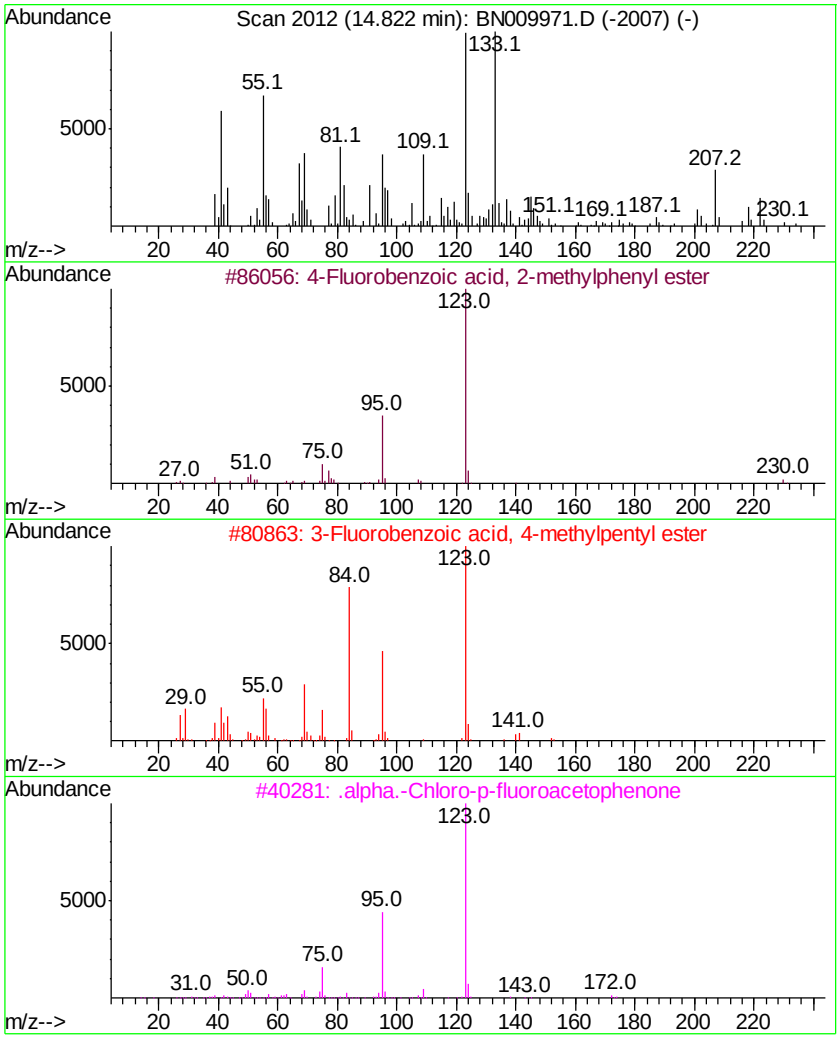
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

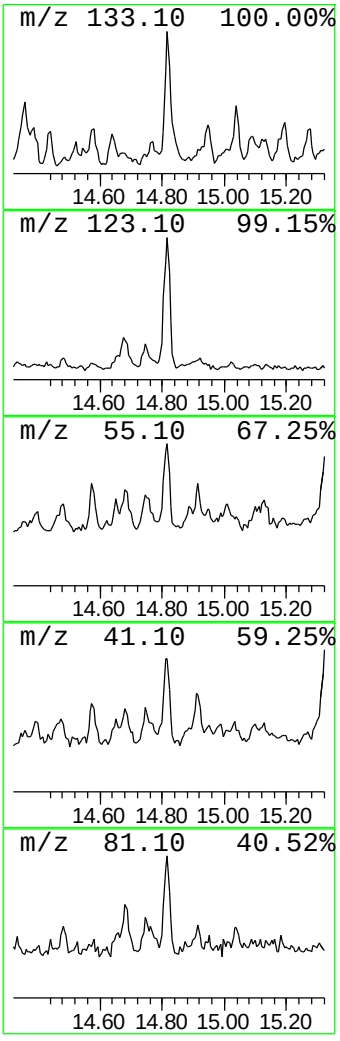
****

Peak Number 17 unknown-07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	9.70 ng/ul	561978	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzoic acid, 2-methylph...	230	C14H11FO2	1000299-05-3	22
2	3-Fluorobenzoic acid, 4-methylpe...	224	C13H17FO2	1000279-05-4	22
3	.alpha.-Chloro-p-fluoroacetophenone	172	C8H6ClFO	000456-04-2	22
4	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	22
5	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

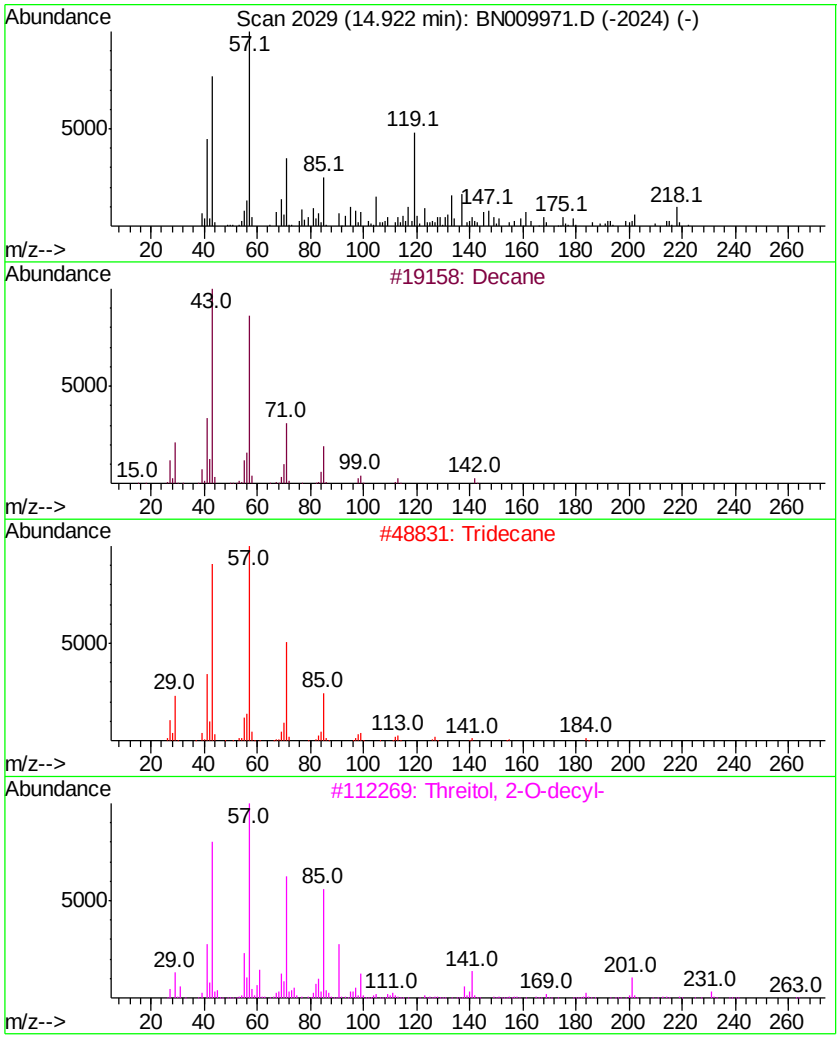
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

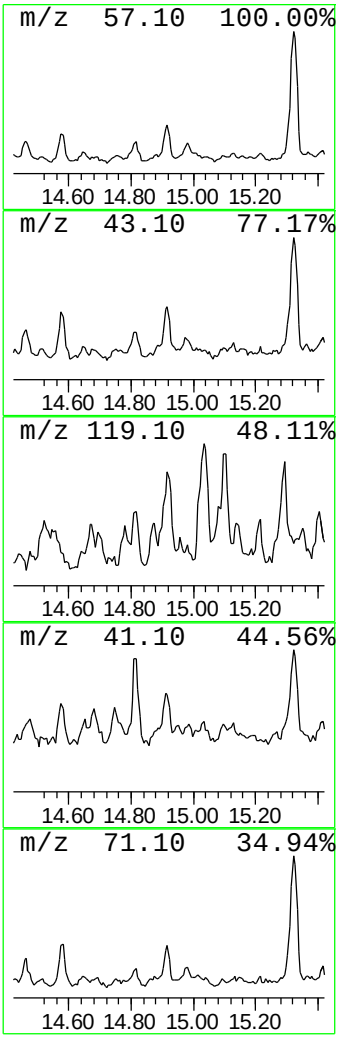
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.56 ng/ul	206464	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	41
2	Tridecane	184	C13H28	000629-50-5	38
3	Threitol, 2-O-decyl-	262	C14H30O4	1000156-80-6	35
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

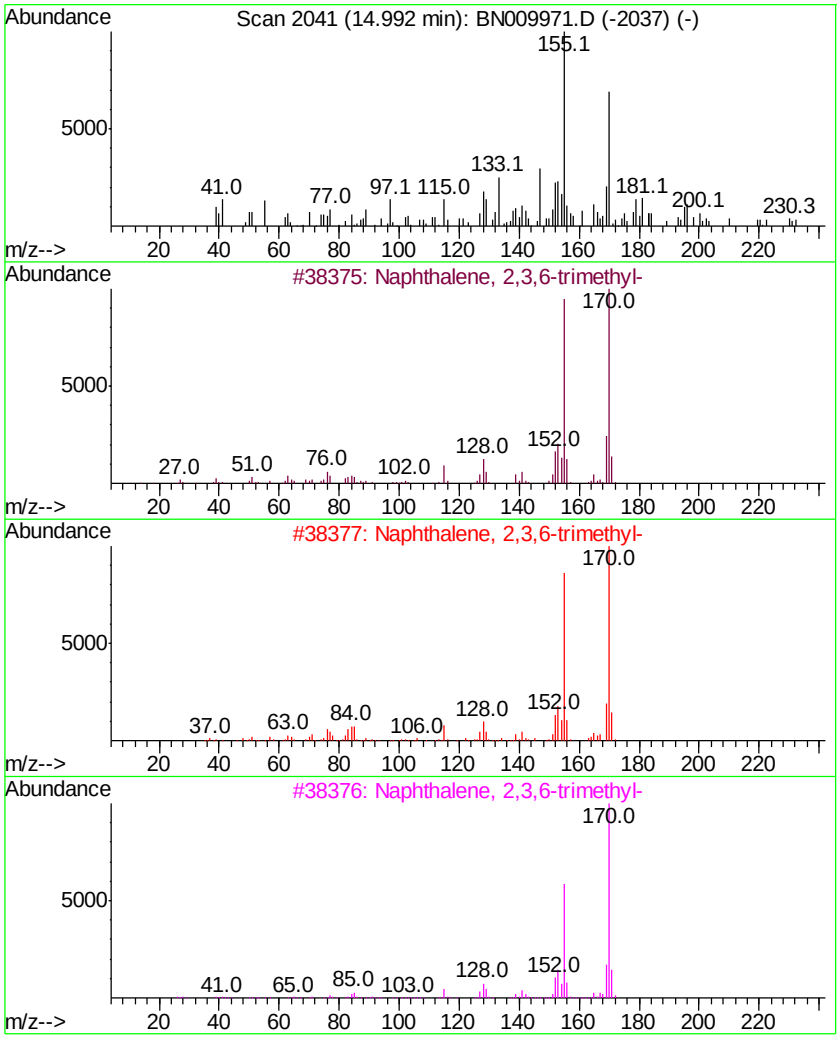
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

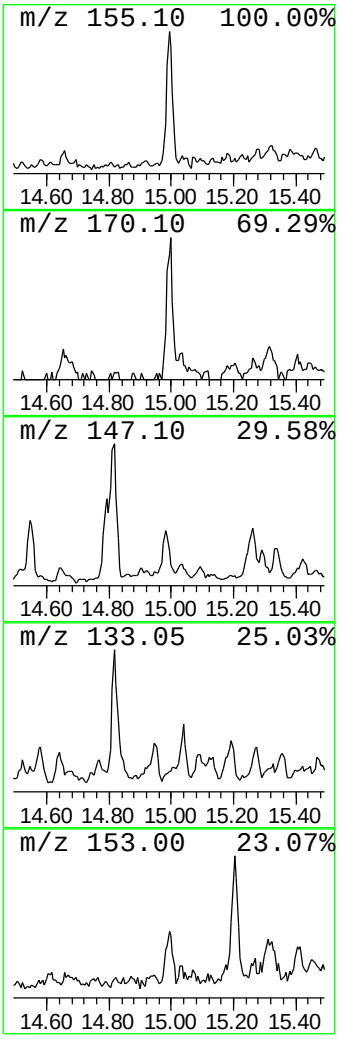
****

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.48 ng/ul	143706	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

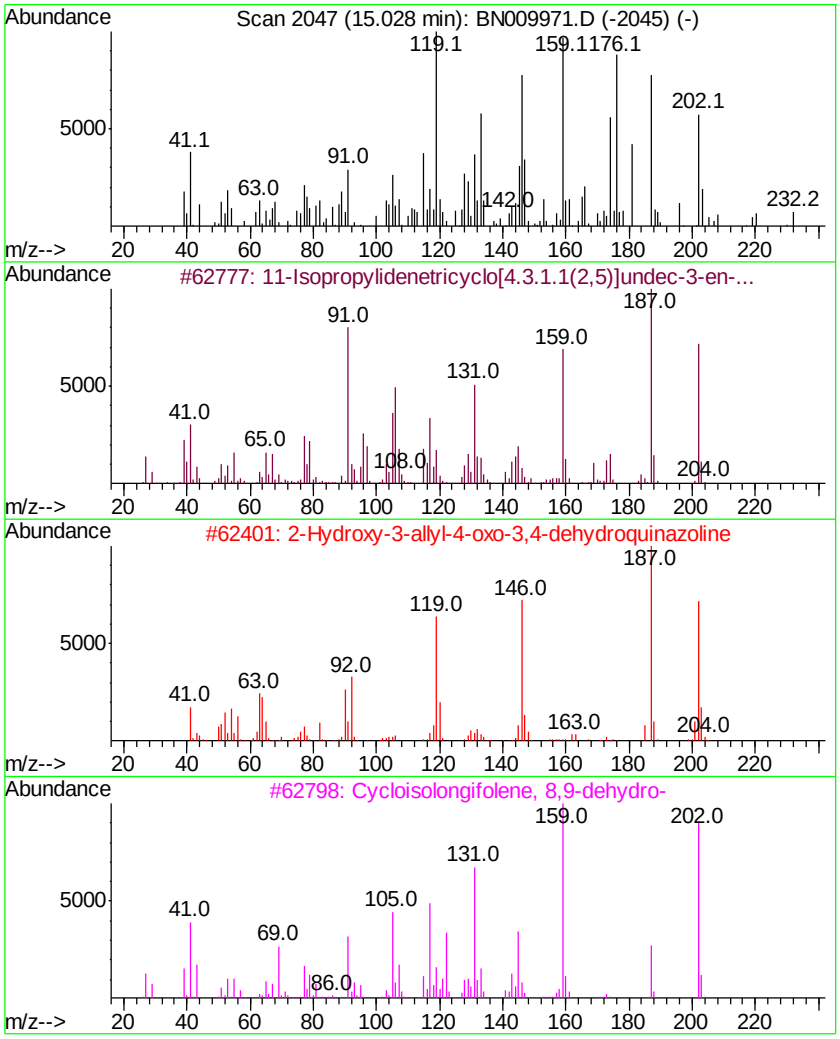
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

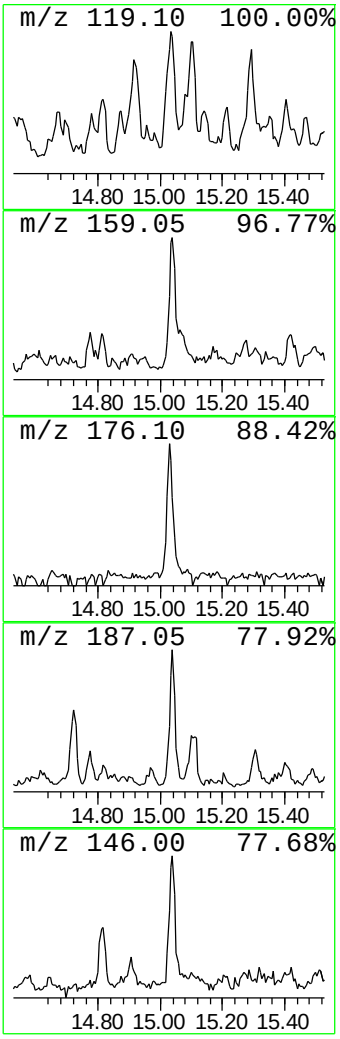
****

Peak Number 20 11-Isopropylidenetricyclo[4... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	3.77 ng/ul	218551	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Isopropylidenetricyclo[4.3.1....	202	C14H18O	1000191-49-3	58
2	2-Hydroxy-3-allyl-4-oxo-3,4-dehy...	202	C11H10N2O2	010341-86-3	46
3	Cycloisolongifolene, 8,9-dehydro-	202	C15H22	1000151-28-0	30
4	6-Hydroxy-2-methylcyclohepta(b)p...	187	C11H9NO2	109338-95-6	25
5	4-Aminobutyric acid, 2-aminoacet...	176	C6H12N2O4	1000130-34-9	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

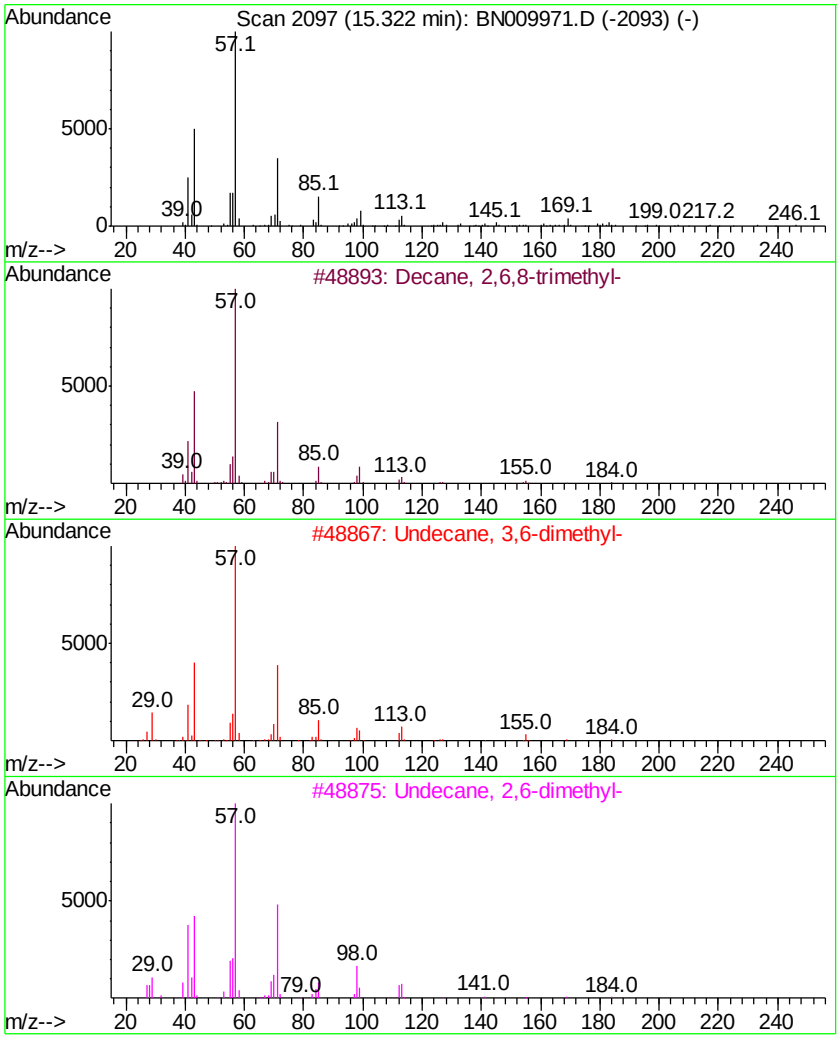
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

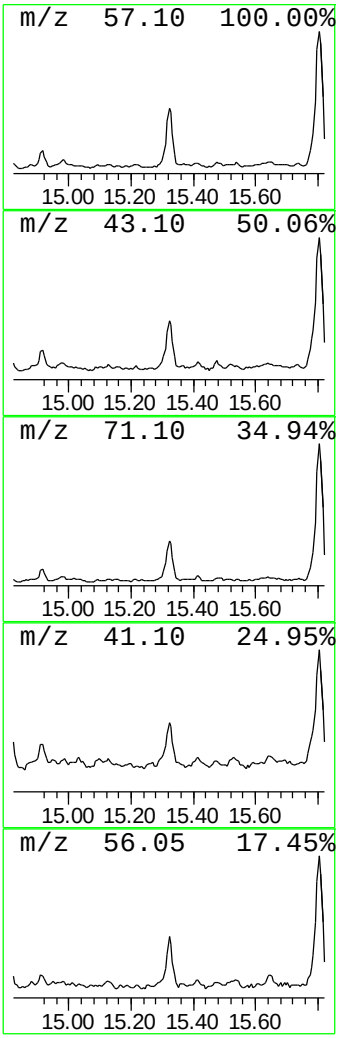
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	9.20 ng/ul	533462	Acenaphthene-d10	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	94
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

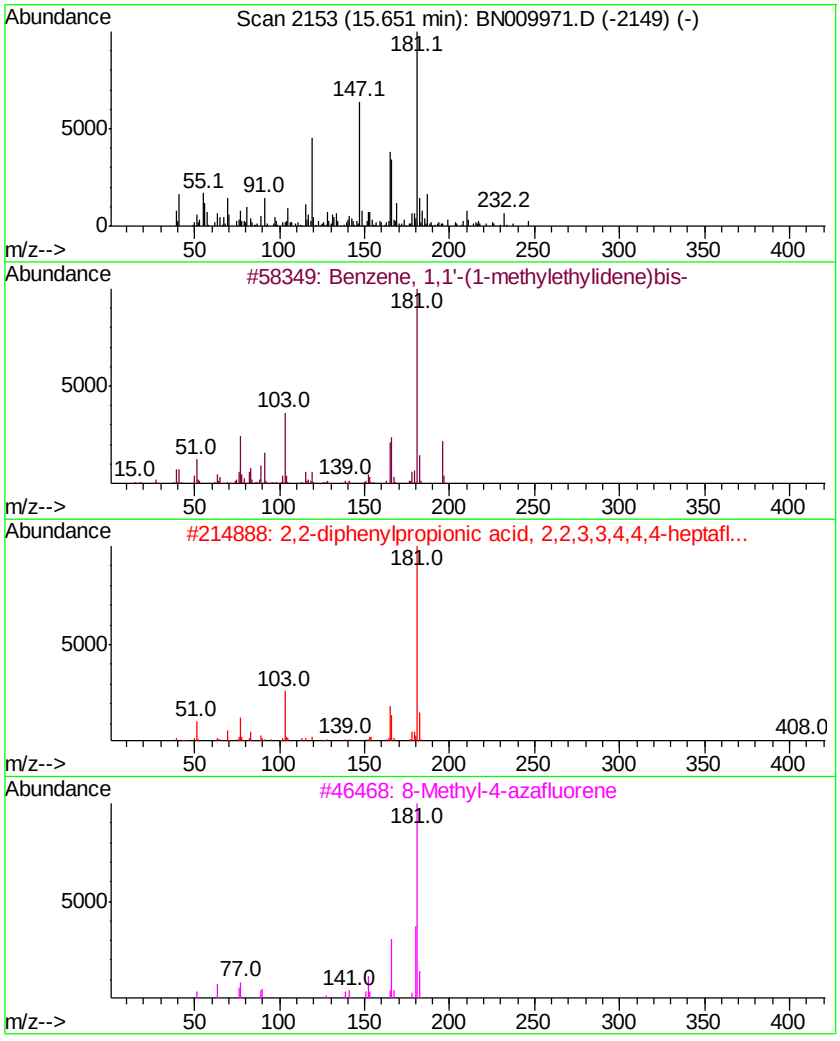
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

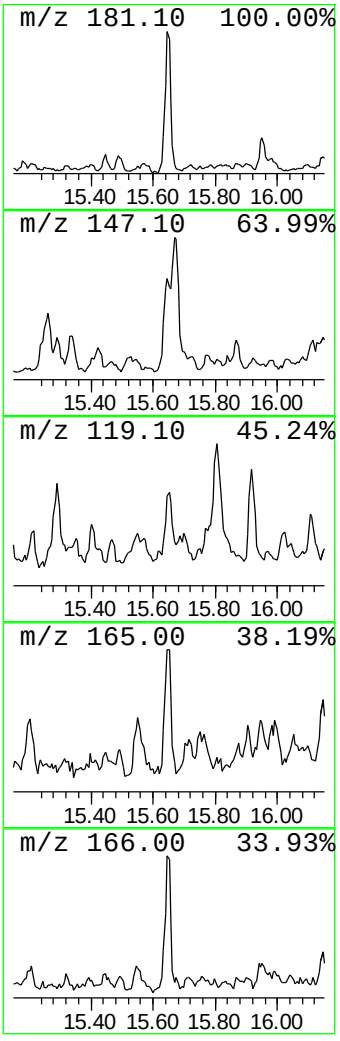
****

Peak Number 22 unknown-08 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.44 ng/ul	269635	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	43
2	2,2-diphenylpropionic acid, 2,2,...	408	C19H15F7O2	1000376-63-8	35
3	8-Methyl-4-azafluorene	181	C13H11N	064292-00-8	35
4	1-Methylsulfonyl-1,2-diphenylethane	260	C15H16O2S	015733-05-8	35
5	5H-Indeno[1,2-b]pyridine, 4-methyl-	181	C13H11N	064292-01-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

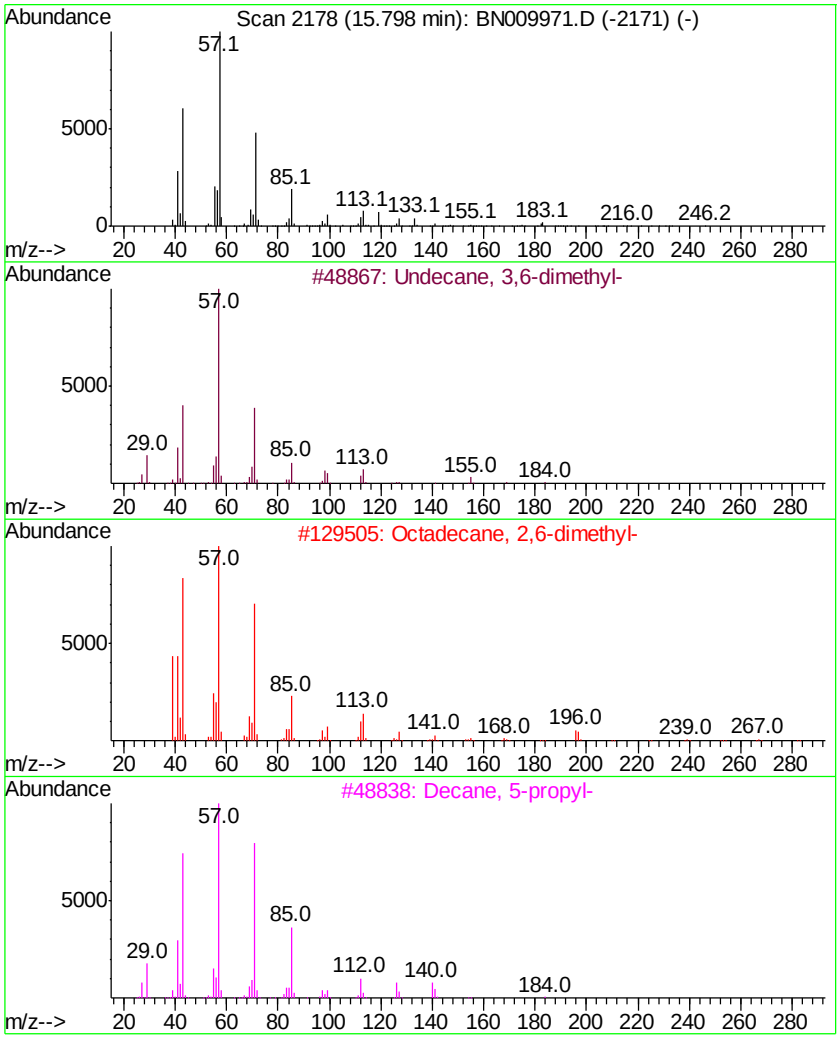
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

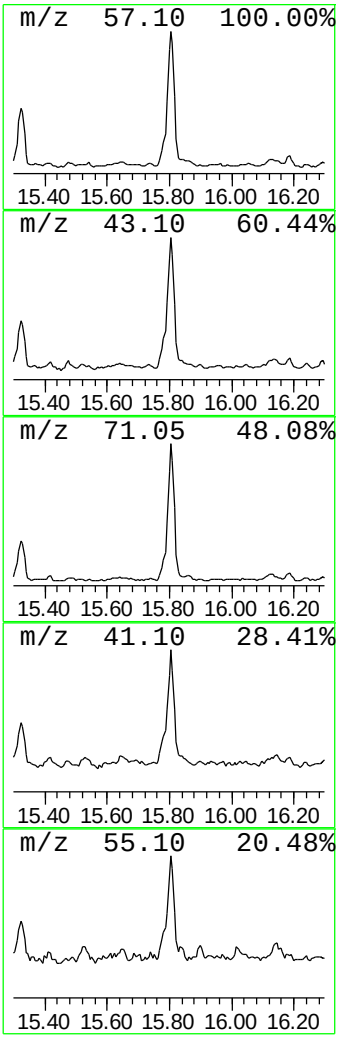
****

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	25.66 ng/ul	1556830	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	58
3	Decane, 5-propyl-	184	C13H28	017312-62-8	53
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	50
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

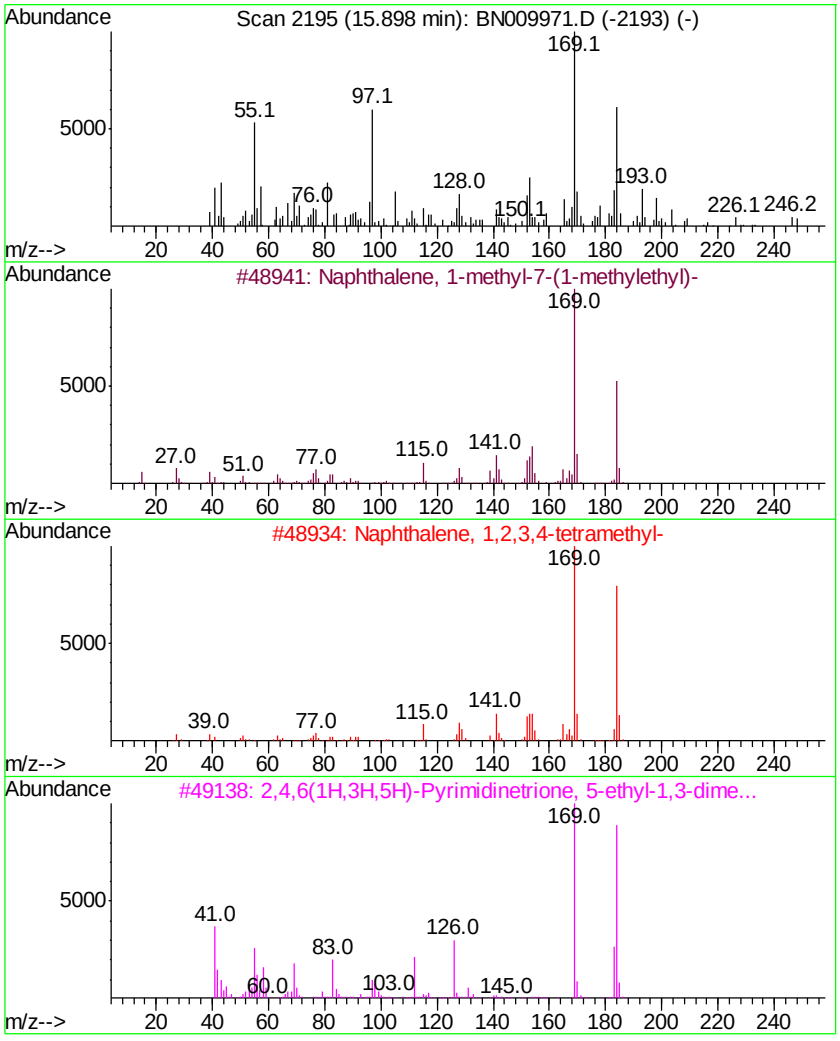
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

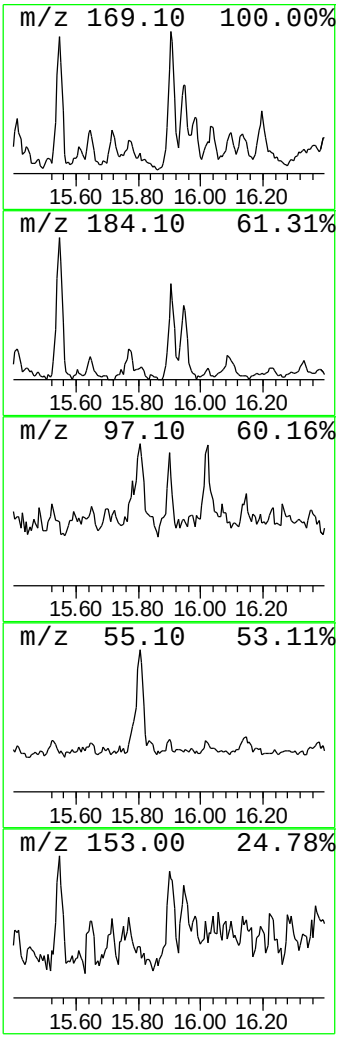
****

Peak Number 24 Naphthalene, 1-methyl-7-(1-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.31 ng/ul	140248	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	78
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	53
3	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	52
4	Ethanone, 1-(5-chloro-2-hydroxy-...	184	C9H9ClO2	028480-70-8	49
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

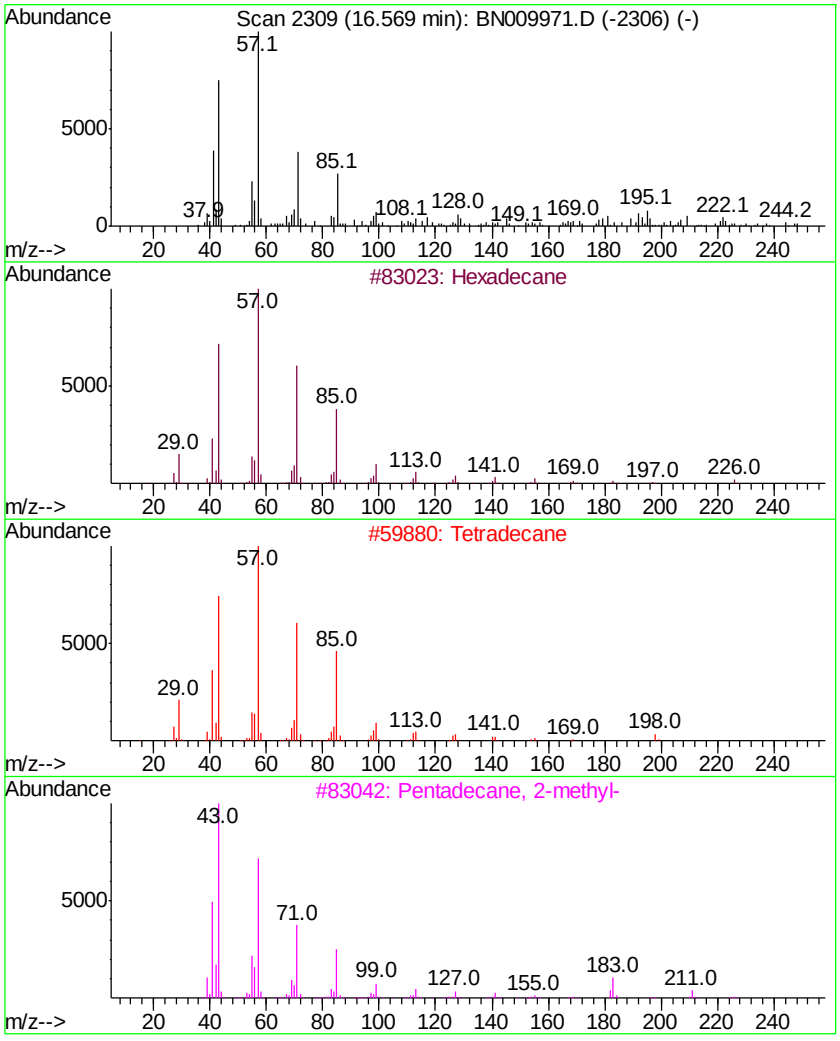
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

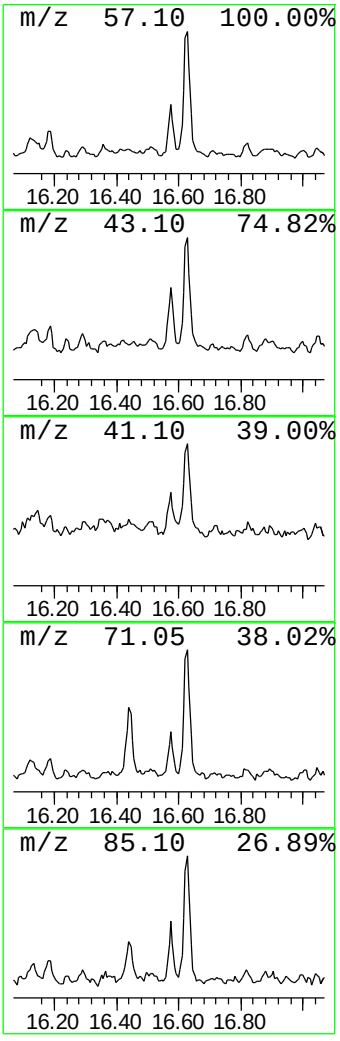
****

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	3.69 ng/ul	223862	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Tetradecane	198	C14H30	000629-59-4	76
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	68
4	Hexadecane	226	C16H34	000544-76-3	68
5	Nonadecane	268	C19H40	000629-92-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

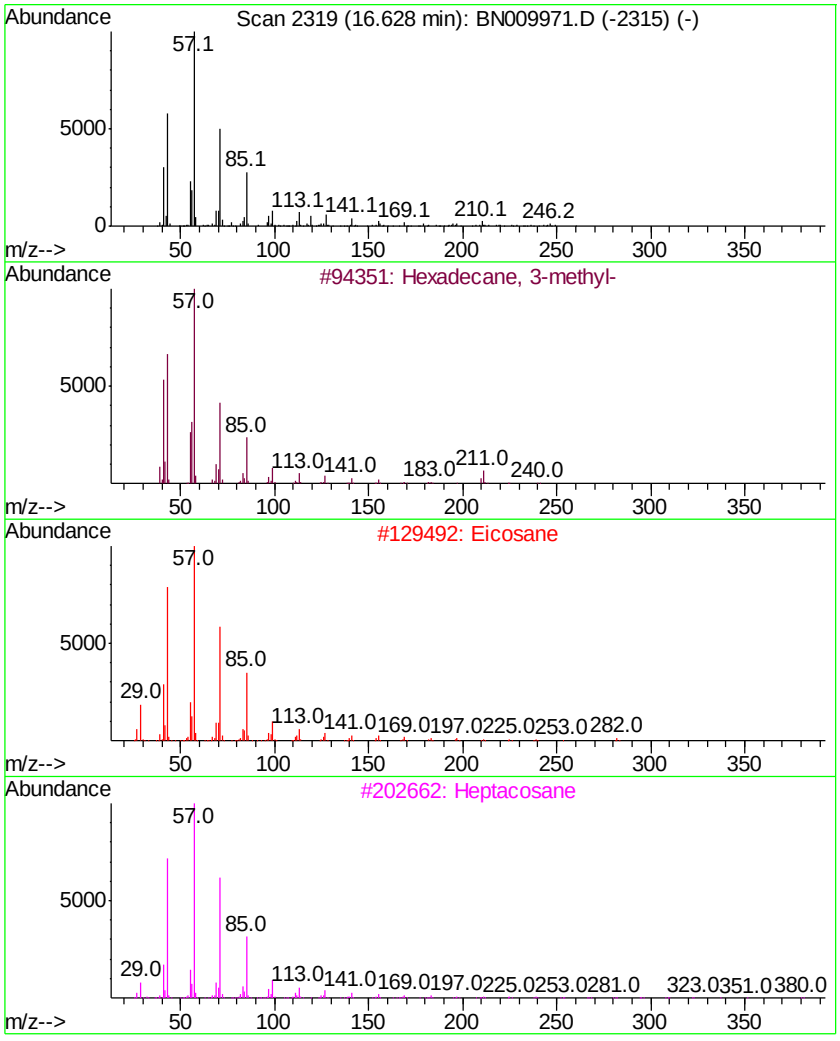
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

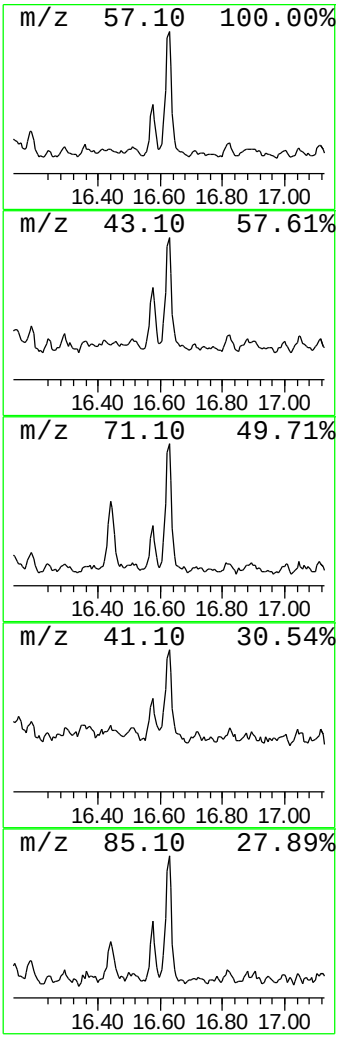
****

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	9.99 ng/ul	606018	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
2	Eicosane	282	C20H42	000112-95-8	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	81
5	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

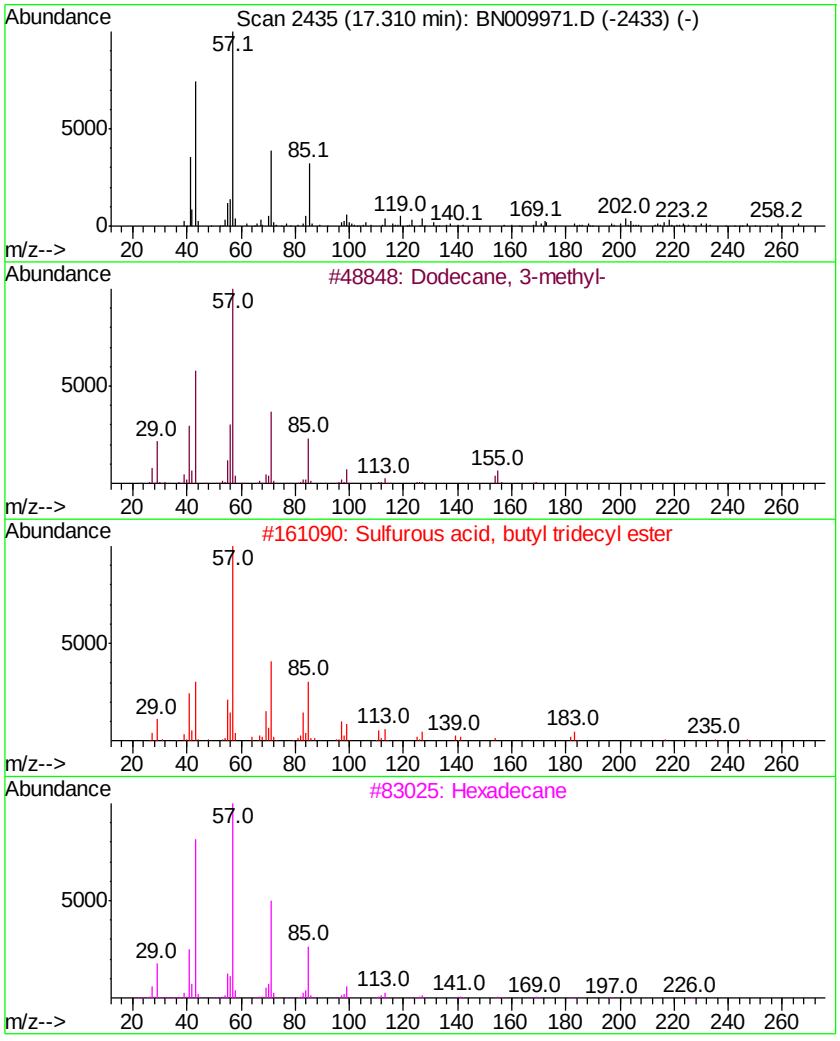
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

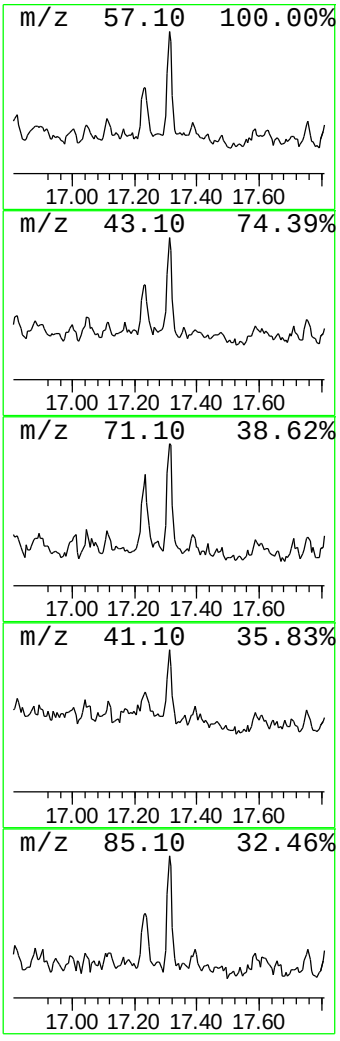
****

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	3.11 ng/ul	188888	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Dotriacontane	451	C32H66	000544-85-4	64
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

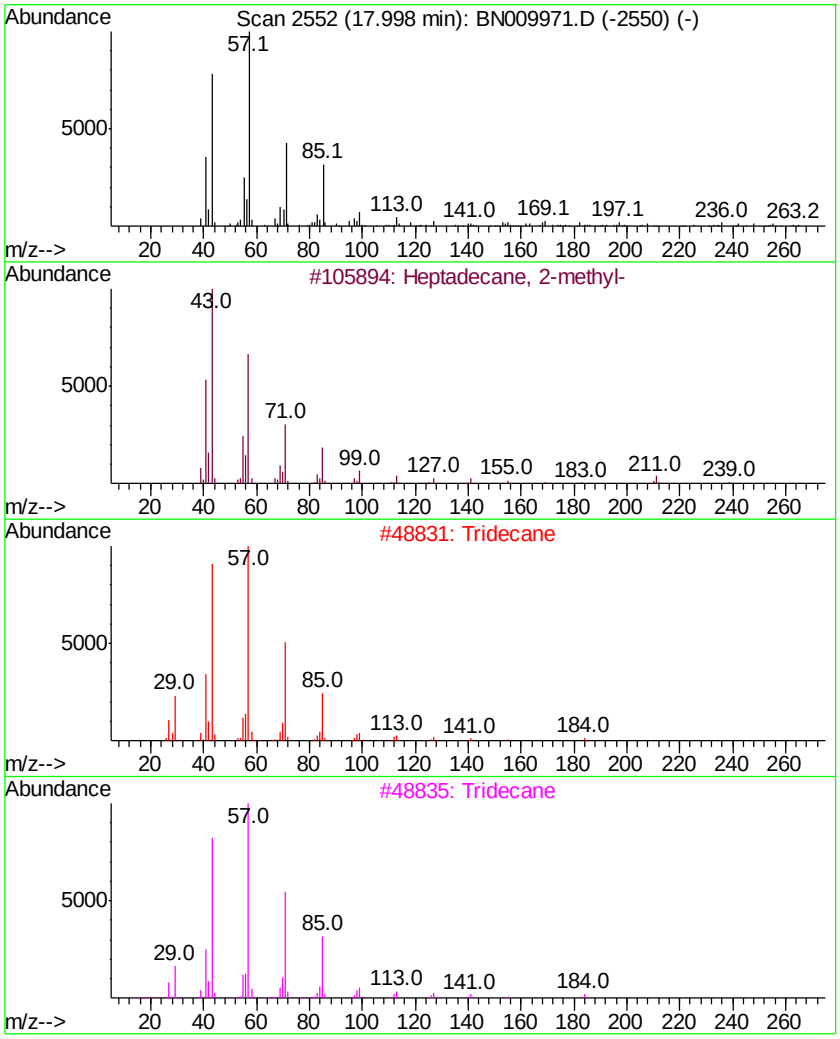
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

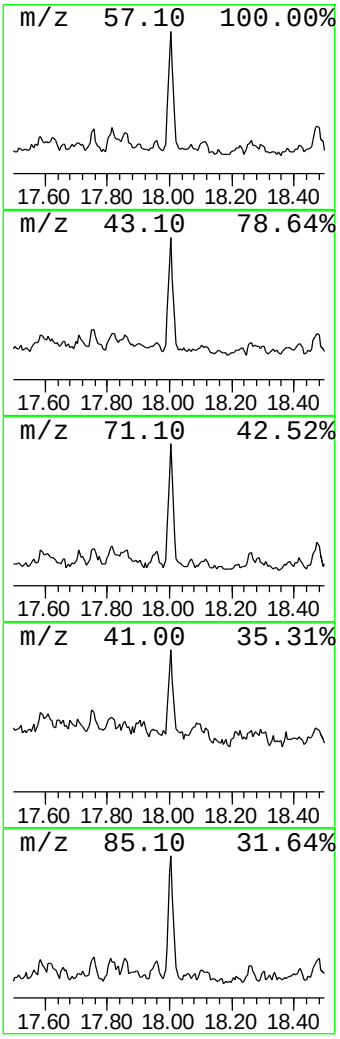
****

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	4.65 ng/ul	282344	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Tridecane	184	C13H28	000629-50-5	87
4	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	87
5	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

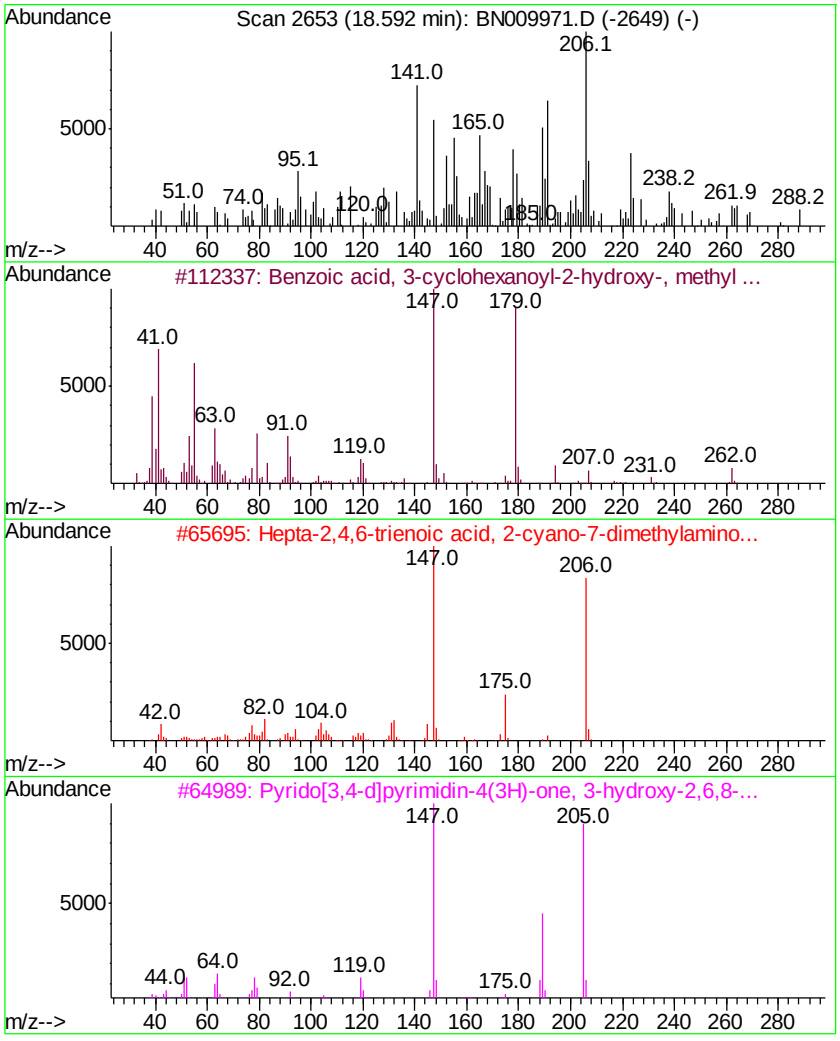
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

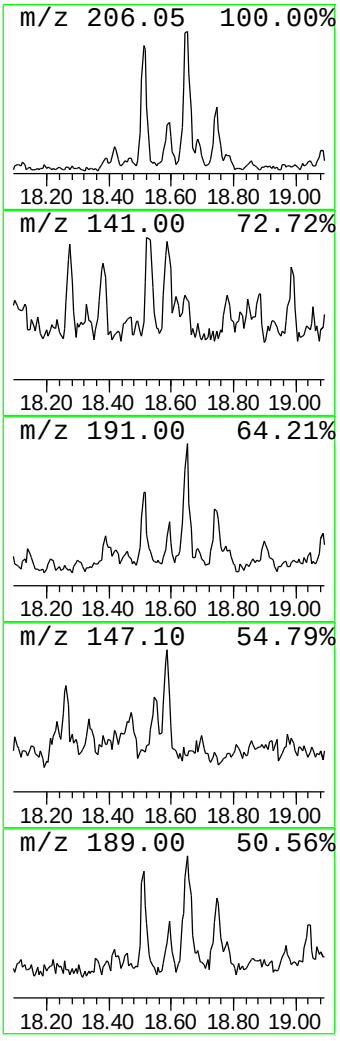
****

Peak Number 29 unknown-09 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.01 ng/ul	122117	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-cyclohexanoyl-2-...	262	C15H18O4	1000263-54-1	27
2	Hepta-2,4,6-trienoic acid, 2-cya...	206	C11H14N2O2	058064-21-4	27
3	Pyrido[3,4-d]pyrimidin-4(3H)-one...	205	C10H11N3O2	022378-53-6	15
4	2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	14
5	1(2H)-Quinolinecarboxylic acid, ...	206	C11H14N2O2	1000337-71-2	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

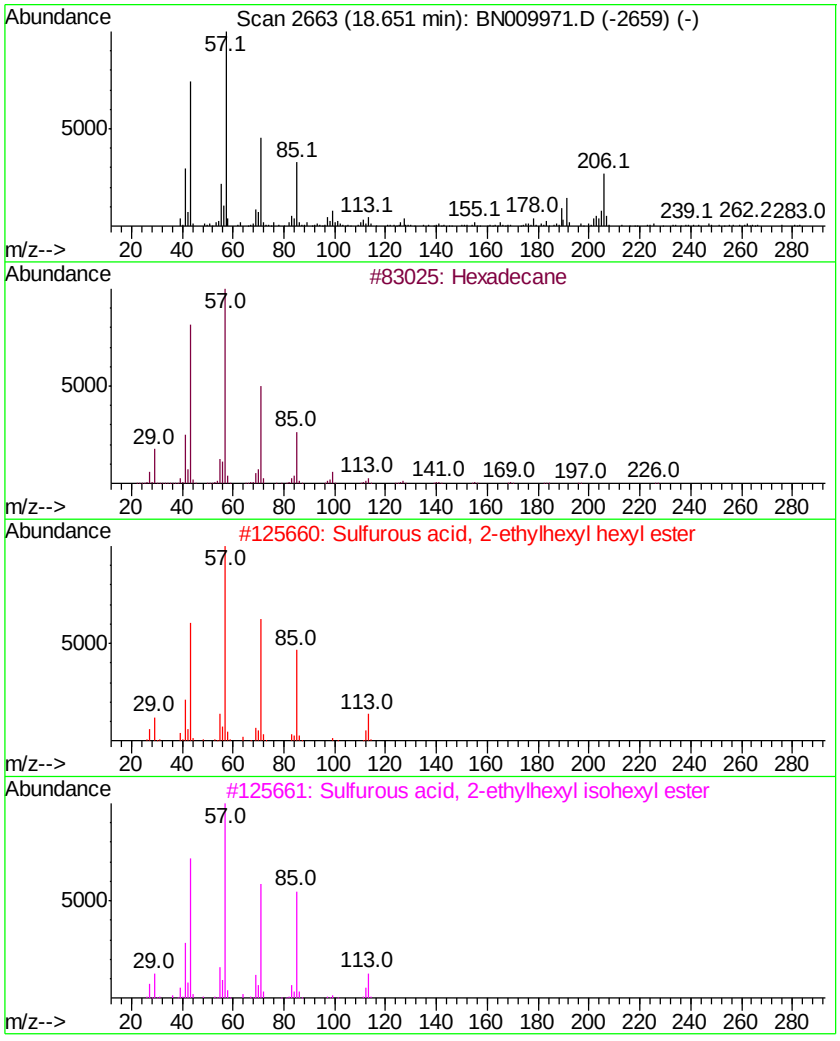
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

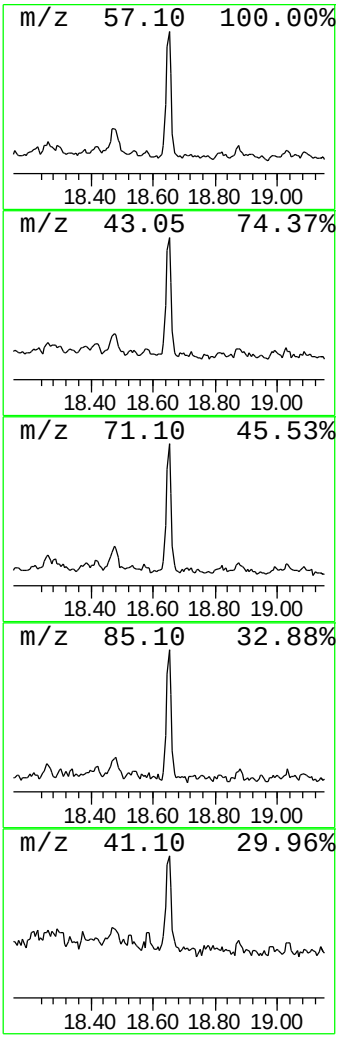
****

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	6.22 ng/ul	377649	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	49
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	47
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	43
5	Heneicosane	296	C21H44	000629-94-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

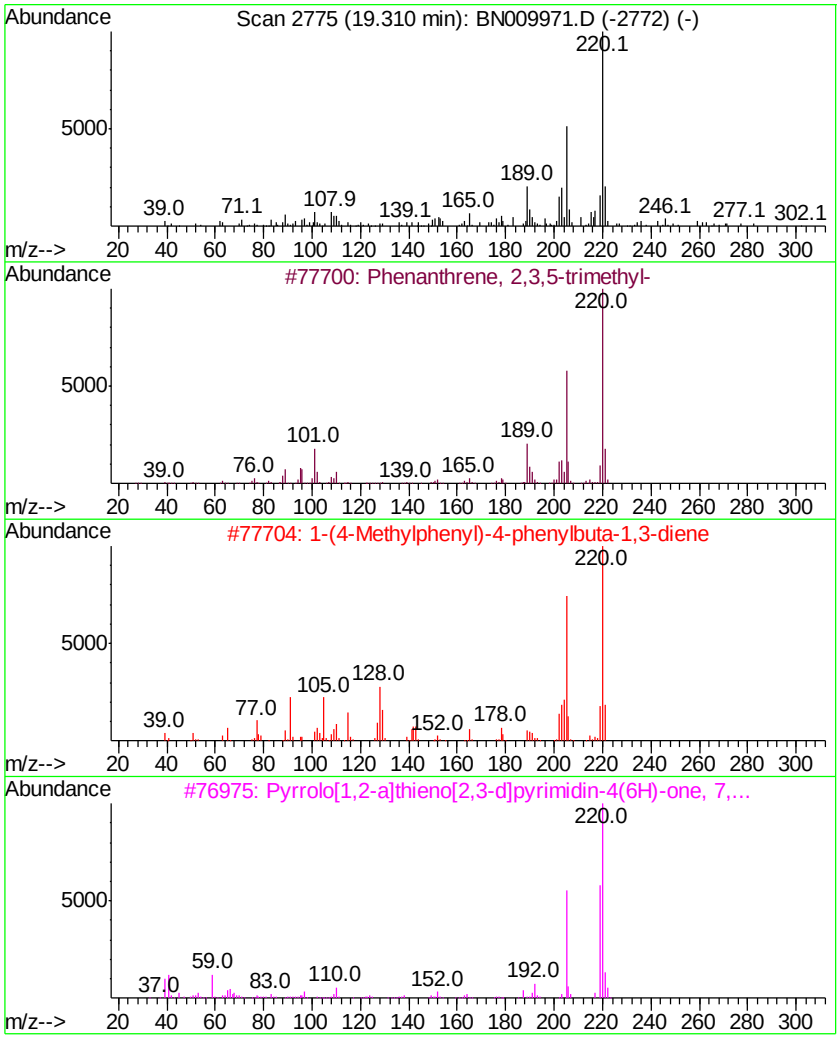
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

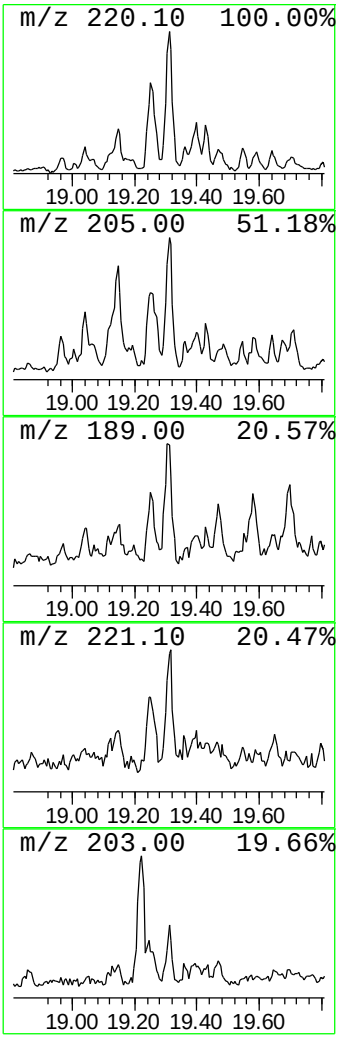
****

Peak Number 31 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.60 ng/ul	186190	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	81
3	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	53
4	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	50
5	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

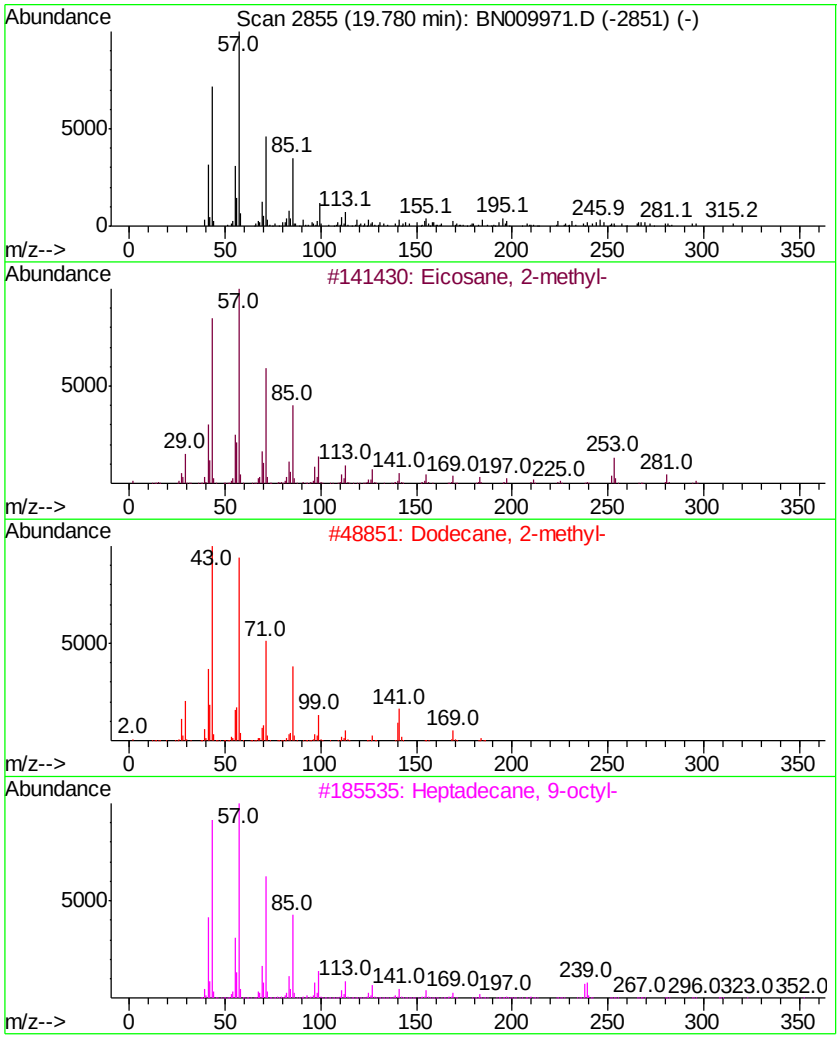
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

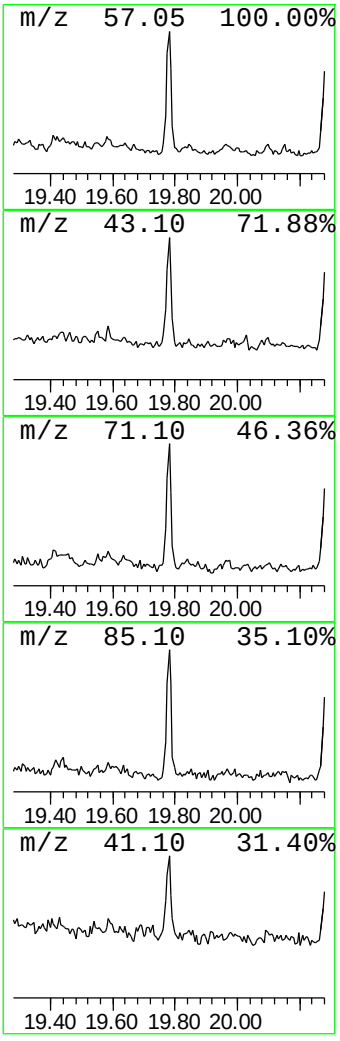
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	2.48 ng/ul	177957	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	89
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	83
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

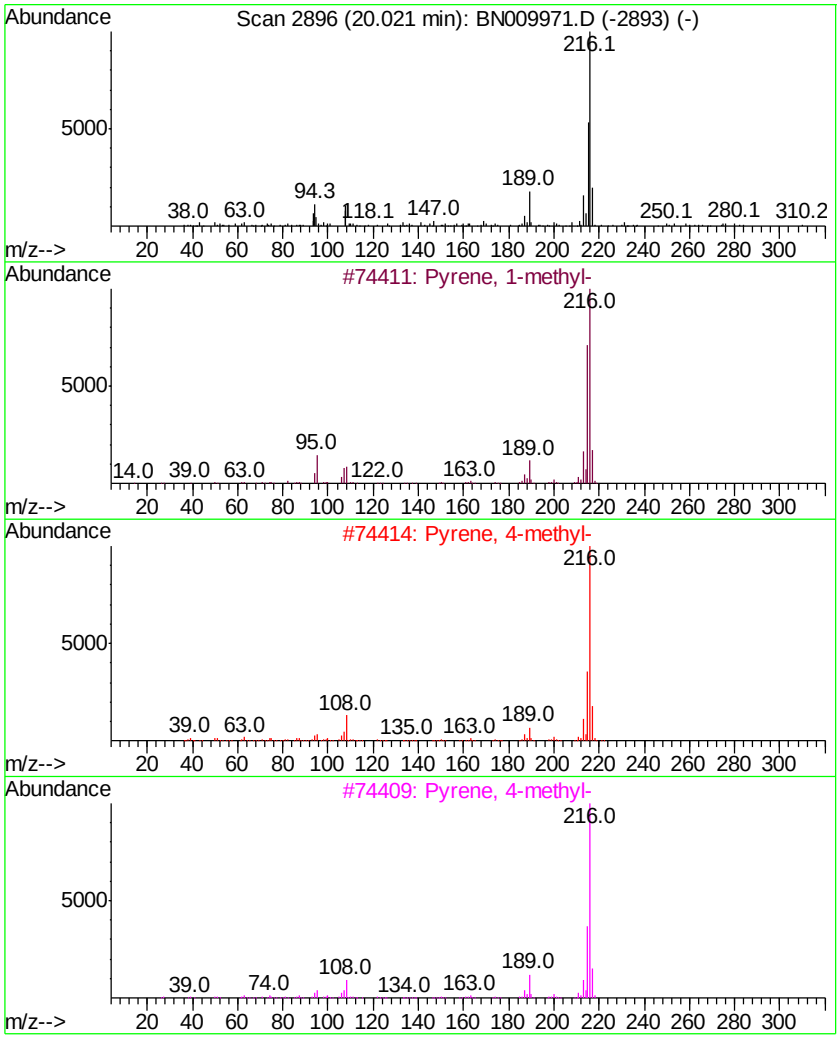
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

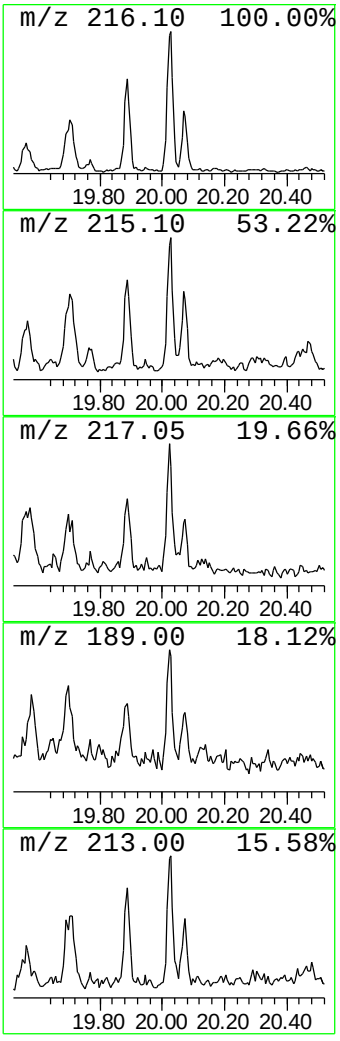
****

Peak Number 33 Pyrene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	2.00 ng/ul	143643	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022620\
Data File : BN009971.D
Acq On : 27 Feb 2020 19:29
Operator : CG/JU
Sample : L1418-05DL2 30X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	8.45	2.5	ng/ul	67004	1	7.38	541582	20.0
Naphthalene, deca...	9.31	2.9	ng/ul	116191	2	10.13	807536	20.0
unknown-01	11.17	2.7	ng/ul	108063	2	10.13	807536	20.0
unknown-02	11.87	2.7	ng/ul	108797	2	10.13	807536	20.0
Bicyclo[2.2.1]hep...	12.43	4.8	ng/ul	278793	3	14.02	1159110	20.0
(DEL) Alkane: Str...	12.56	3.3	ng/ul	188898	3	14.02	1159110	20.0
unknown-03	12.59	3.0	ng/ul	170999	3	14.02	1159110	20.0
Naphthalene, deca...	13.33	2.7	ng/ul	155109	3	14.02	1159110	20.0
unknown-04	13.43	21.2	ng/ul	1229610	3	14.02	1159110	20.0
(DEL) Alkane: Str...	13.53	8.2	ng/ul	474396	3	14.02	1159110	20.0
Decahydro-4,4,8,9...	13.75	5.2	ng/ul	298221	3	14.02	1159110	20.0
unknown-05	13.85	14.1	ng/ul	814571	3	14.02	1159110	20.0
unknown-06	14.10	2.4	ng/ul	138591	3	14.02	1159110	20.0
Hexadecane, 1-bromo-	14.57	4.2	ng/ul	240551	3	14.02	1159110	20.0
1H-Indene, octahy...	14.75	2.2	ng/ul	125363	3	14.02	1159110	20.0
unknown-07	14.82	9.7	ng/ul	561978	3	14.02	1159110	20.0
(DEL) Alkane: Str...	14.92	3.6	ng/ul	206464	3	14.02	1159110	20.0
Naphthalene, 2,3,...	14.99	2.5	ng/ul	143706	3	14.02	1159110	20.0
11-Isopropylidene...	15.03	3.8	ng/ul	218551	3	14.02	1159110	20.0
(DEL) Alkane: Str...	15.32	9.2	ng/ul	533462	3	14.02	1159110	20.0
unknown-08	15.65	4.4	ng/ul	269635	4	16.78	1213570	20.0
(DEL) Alkane: Str...	15.80	25.7	ng/ul	1556830	4	16.78	1213570	20.0
Naphthalene, 1-me...	15.90	2.3	ng/ul	140248	4	16.78	1213570	20.0
(DEL) Alkane: Str...	16.57	3.7	ng/ul	223862	4	16.78	1213570	20.0
(DEL) Alkane: Str...	16.63	10.0	ng/ul	606018	4	16.78	1213570	20.0
(DEL) Alkane: Str...	17.31	3.1	ng/ul	188888	4	16.78	1213570	20.0
(DEL) Alkane: Str...	18.00	4.7	ng/ul	282344	4	16.78	1213570	20.0
unknown-09	18.59	2.0	ng/ul	122117	4	16.78	1213570	20.0
(DEL) Alkane: Str...	18.65	6.2	ng/ul	377649	4	16.78	1213570	20.0
Phenanthrene, 2,3...	19.31	2.6	ng/ul	186190	5	21.00	1434930	20.0
(DEL) Alkane: Str...	19.78	2.5	ng/ul	177957	5	21.00	1434930	20.0
Pyrene, 1-methyl-	20.02	2.0	ng/ul	143643	5	21.00	1434930	20.0