LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\METHODS\8270-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.304	366	377	391	rBV	3977267	5694015	33.84%	2.902%
2	6.887	640	646	658	rVB	4422539	7633679	45.37%	3.890%
3	7.245	700	707	715	rBV	4705454	7403576	44.00%	3.773%
4	7.663	773	778	782	rVV	359760	480844	2.86%	0.245%
5	7.716	782	787	792	rBV	972866	1501946	8.93%	0.765%
6	8.034	834	841	849	rVB	3329313	5440574	32.33%	2.773%
7	8.345	887	894	904	rBV2	264196	490677	2.92%	0.250%
8	8.451	904	912	920	rBV	253111	465186	2.76%	0.237%
9	8.792	967	970	978	rVV2	223183	426806	2.54%	0.218%
10	8.881	978	985	994	rVV	2938281	5011503	29.78%	2.554%
11	9.039	1008	1012	1018	rVB6	233244	471420	2.80%	0.240%
12	9.157	1026	1032	1037	rVB5	190919	441293	2.62%	0.225%
13	9.328	1056	1061	1066	rBV	297636	435419	2.59%	0.222%
14	9.610	1106	1109	1114	rVV2	285012	427779	2.54%	0.218%
15	9.663	1114	1118	1126	rVV5	327031	728481	4.33%	0.371%
16	9.757	1132	1134	1140	rVV2	338531	442947	2.63%	0.226%
17	9.828	1141	1146	1151	rVB	431320	674214	4.01%	0.344%
18	9.904	1151	1159	1164	rBV	569527	1040288	6.18%	0.530%
19	9.957	1164	1168	1173	rVV2	263506	455490	2.71%	0.232%
20	10.010	1173	1177	1181	rVV	479095	636043	3.78%	0.324%
21	10.075	1181	1188	1193	rVB4	328511	711272	4.23%	0.362%
22	10.198	1202	1209	1215	rVB3	369871	708814	4.21%	0.361%
23	10.380	1236	1240	1243	rVV3	290822	545701	3.24%	0.278%
24	10.445	1247	1251	1252	rVV4	298680	429715	2.55%	0.219%
25	10.504	1253	1261	1267	rVV	1486656	3284215	19.52%	1.674%
26	10.557	1268	1270	1274	rVV3	320143	485303	2.88%	0.247%
27	10.639	1274	1284	1289	rVB	1589567	2924347	17.38%	1.490%
28	10.704	1289	1295	1301	rBV5	442089	889864	5.29%	0.453%
29	10.769	1302	1306	1313	rVB5	214832	419529	2.49%	0.214%
30	10.863	1314	1322	1325	rBV5	230899	507266	3.01%	0.259%
31	10.910	1326	1330	1335	rVV3	190654	418122	2.48%	0.213%
32	10.963	1335	1339	1346	rVB4	660227	1166339	6.93%	0.594%
33	11.186	1372	1377	1383	rVV6	494244	1102655	6.55%	0.562%
34	11.316	1394	1399	1408	rVB5	682804	1293209	7.69%	0.659%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\METHODS\8270-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.398	1408	1413	1421	rVB3	757890	1536014	9.13%	0.783%
36	11.504	1425	1431	1435	rBV	2082158	3288476	19.54%	1.676%
37	11.539	1435	1437	1443	rVB3	362214	512604	3.05%	0.261%
38	11.692	1457	1463	1469	rBV4	368056	836024	4.97%	0.426%
39	11.763	1470	1475	1479	rBV3	371364	693053	4.12%	0.353%
40	12.127	1530	1537	1544	rVB3	923372	2090440	12.42%	1.065%
41	12.421	1581	1587	1591	rBV2	1153993	1960485	11.65%	0.999%
42	12.551	1603	1609	1613	rBV3	818662	1427760	8.49%	0.728%
43	12.610	1613	1619	1624	rBV6	594531	1303861	7.75%	0.664%
44	12.657	1624	1627	1632	rBV2	468339	764161	4.54%	0.389%
45	12.733	1637	1640	1644	rVB3	631993	771455	4.58%	0.393%
46	12.774	1644	1647	1651	rVB4	361620	504149	3.00%	0.257%
47	12.821	1651	1655	1658	rBV	813233	1156727	6.87%	0.589%
48	12.874	1659	1664	1672	rVB2	2539371	3798781	22.58%	1.936%
49	12.980	1677	1682	1692	rVV	8448903	12000744	71.32%	6.116%
50	13.186	1714	1717	1721	rVB2	566742	748746	4.45%	0.382%
51	13.257	1726	1729	1731	rVV2	481104	664979	3.95%	0.339%
52	13.292	1732	1735	1739	rVB2	728985	1124704	6.68%	0.573%
53	13.410	1751	1755	1758	rBV2	522780	705034	4.19%	0.359%
54	13.557	1776	1780	1784	rBV4	459421	775268	4.61%	0.395%
55	13.633	1789	1793	1796	rVV5	433784	767543	4.56%	0.391%
56	13.704	1800	1805	1808	rVV4	714329	1525342	9.07%	0.777%
57	13.739	1808	1811	1813	rVV3	761586	1060546	6.30%	0.540%
58	13.768	1813	1816	1819	rVV2	656192	1116782	6.64%	0.569%
59	13.827	1819	1826	1830	rVV	4244352	6983096	41.50%	3.559%
60	13.874	1830	1834	1839	rVV4	1032907	1819071	10.81%	0.927%
61	13.945	1842	1846	1851	rVB4	898705	1359523	8.08%	0.693%
62	13.998	1851	1855	1859	rBV3	452575	686752	4.08%	0.350%
63	14.180	1882	1886	1893	rVB5	725989	1213969	7.21%	0.619%
64	14.315	1905	1909	1913	rBV4	946908	1840591	10.94%	0.938%
65	14.363	1913	1917	1923	rVB3	2388942	3847128	22.86%	1.960%
66	14.451	1929	1932	1935	rVB2	650271	749828	4.46%	0.382%
67	14.586	1950	1955	1960	rVB2	864120	1517514	9.02%	0.773%
68	14.686	1969	1972	1974	rBV4	418199	587106	3.49%	0.299%
69	14.751	1980	1983	1987	rVB2	775077	972292	5.78%	0.495%
70	14.874	1999	2004	2009	rBV5	1080088	1921293	11.42%	0.979%
71	14.986	2019	2023	2024	rBV2	386755	526505	3.13%	0.268%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\METHODS\8270-BM010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.251	2065	2068	2073	rVB5	480298	777030	4.62%	0.396%
73	15.304	2074	2077	2080	rBV3	465704	654088	3.89%	0.333%
74	15.386	2087	2091	2092	rBV2	398550	510823	3.04%	0.260%
75	15.451	2098	2102	2107	rBV3	595378	1169354	6.95%	0.596%
76	15.610	2122	2129	2134	rBV2	2952069	5130324	30.49%	2.614%
77	15.704	2142	2145	2148	rVB2	567969	628468	3.73%	0.320%
78	15.821	2162	2165	2168	rBV2	828214	1035192	6.15%	0.528%
79	15.862	2168	2172	2178	rVB	7179421	9661168	57.42%	4.923%
80	16.086	2205	2210	2215	rBV	4790530	6936855	41.23%	3.535%
81	16.404	2260	2264	2269	rBV5	705999	1326347	7.88%	0.676%
82	16.468	2272	2275	2281	rVB4	1311585	1905999	11.33%	0.971%
83	16.674	2307	2310	2322	rVB5	837784	1828676	10.87%	0.932%
84	16.909	2344	2350	2354	rBV	2824197	4333998	25.76%	2.209%
85	17.115	2380	2385	2389	rBV	2567980	3669362	21.81%	1.870%
86	17.156	2389	2392	2398	rVB	967839	1432764	8.51%	0.730%
87	17.515	2449	2453	2458	rBV4	925432	1497012	8.90%	0.763%
88	17.992	2530	2534	2538	rBV2	1254672	2244524	13.34%	1.144%
89	18.039	2538	2542	2548	rVB	1297952	1902954	11.31%	0.970%
90	18.739	2658	2661	2666	rVB2	445489	629006	3.74%	0.321%
91	18.792	2666	2670	2673	rBV	436639	507550	3.02%	0.259%
92	18.909	2686	2690	2694	rBV	879510	1231388	7.32%	0.628%
93	19.050	2710	2714	2718	rVV2	316472	506302	3.01%	0.258%
94	19.098	2719	2722	2728	rVB4	297305	478102	2.84%	0.244%
95	19.556	2796	2800	2806	rVB2	341912	599639	3.56%	0.306%
96	19.615	2806	2810	2816	rVB	384304	601382	3.57%	0.306%
97	19.750	2827	2833	2838	rBV	13105118	16826632	100.00%	8.575%
98	21.009	3043	3047	3059	rVB	744394	979703	5.82%	0.499%
99	21.309	3093	3098	3107	rVB	2776613	3590008	21.34%	1.829%
100	23.568	3476	3482	3494	rVB	1783751	3290600	19.56%	1.677%

Sum of corrected areas: 196232127

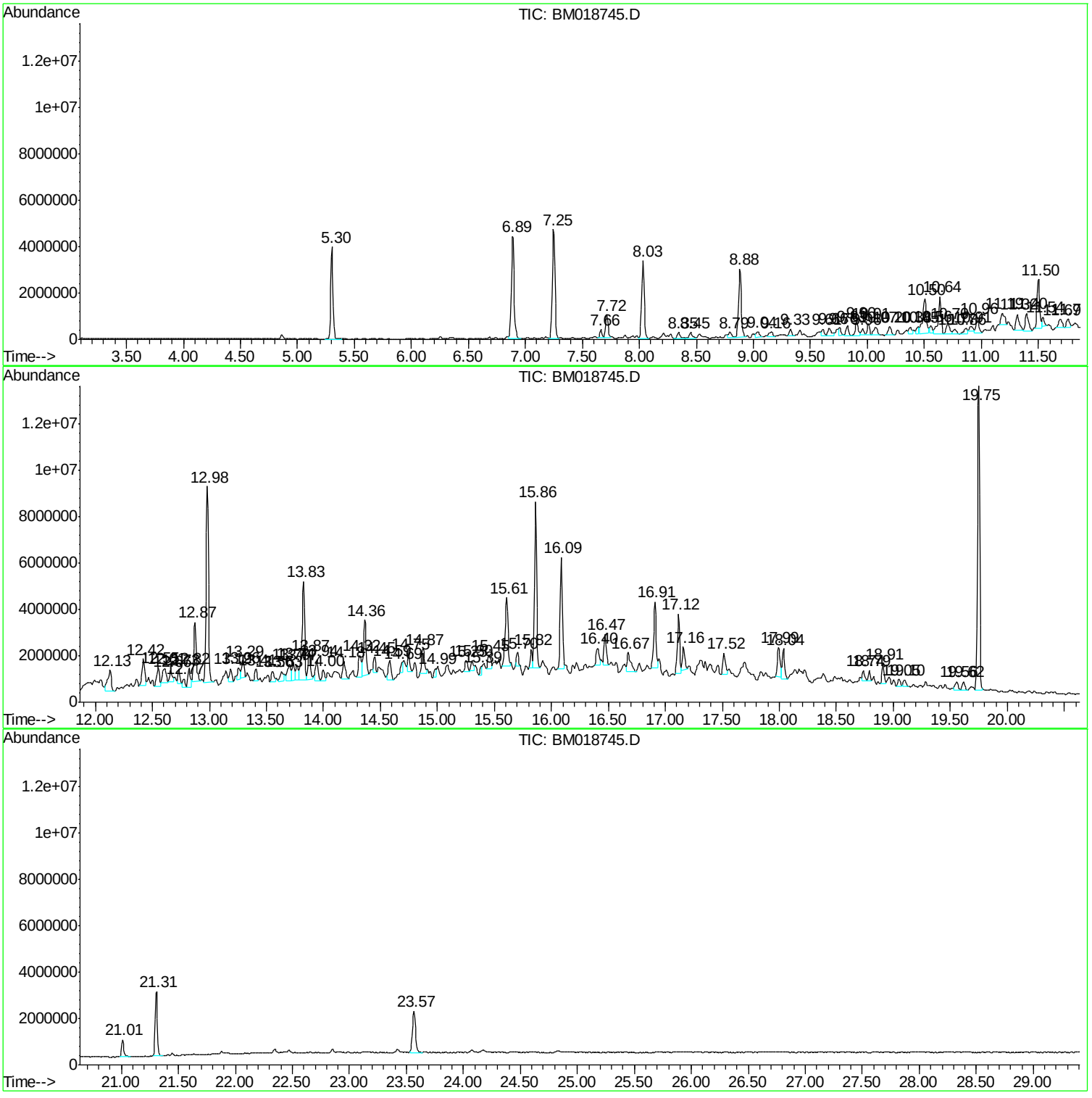
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

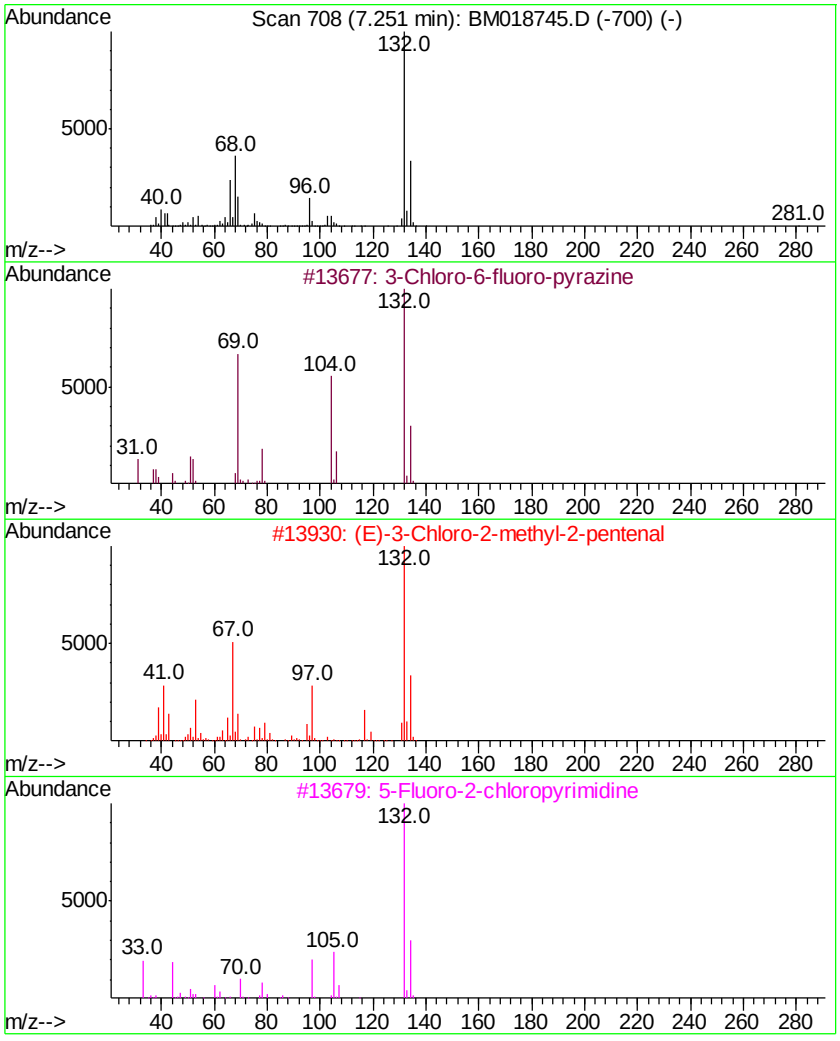
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

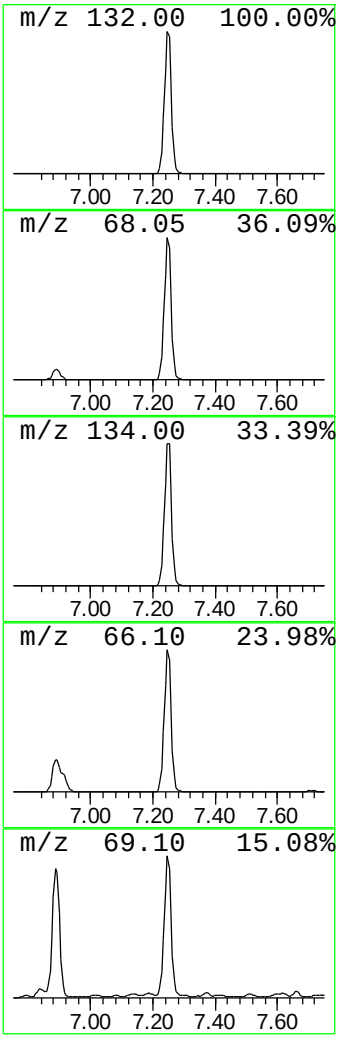
****

Peak Number 1 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	98.59 ng	7403580	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

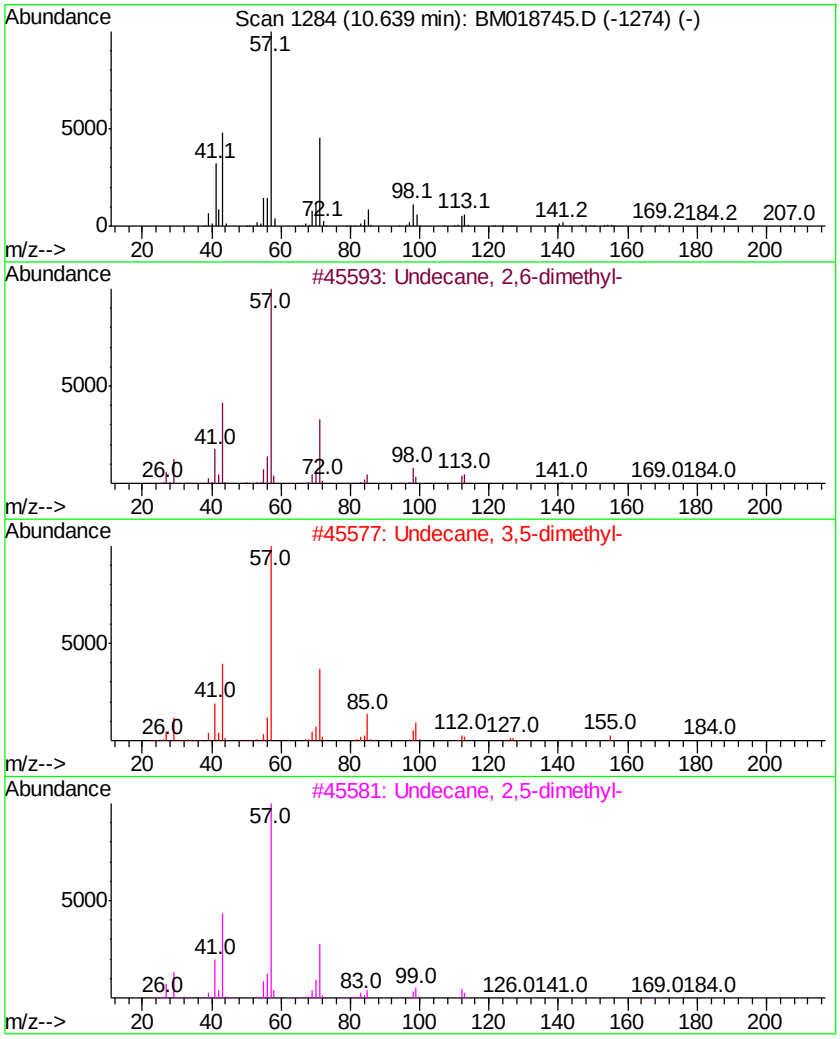
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

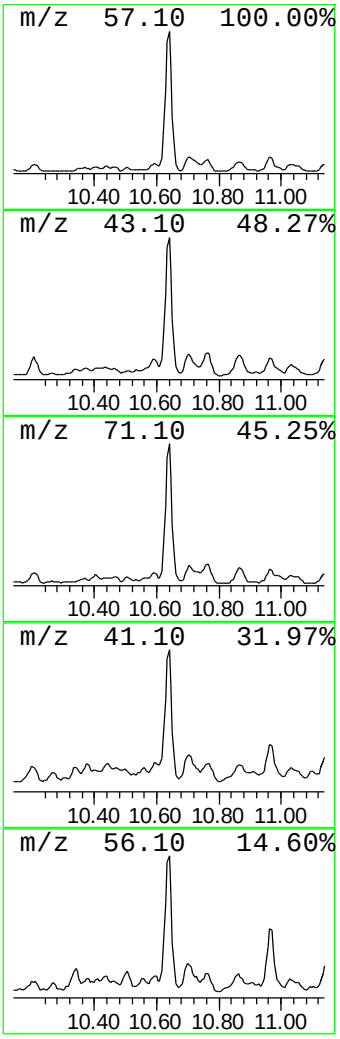
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	17.81 ng	2924350	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	86
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	68
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

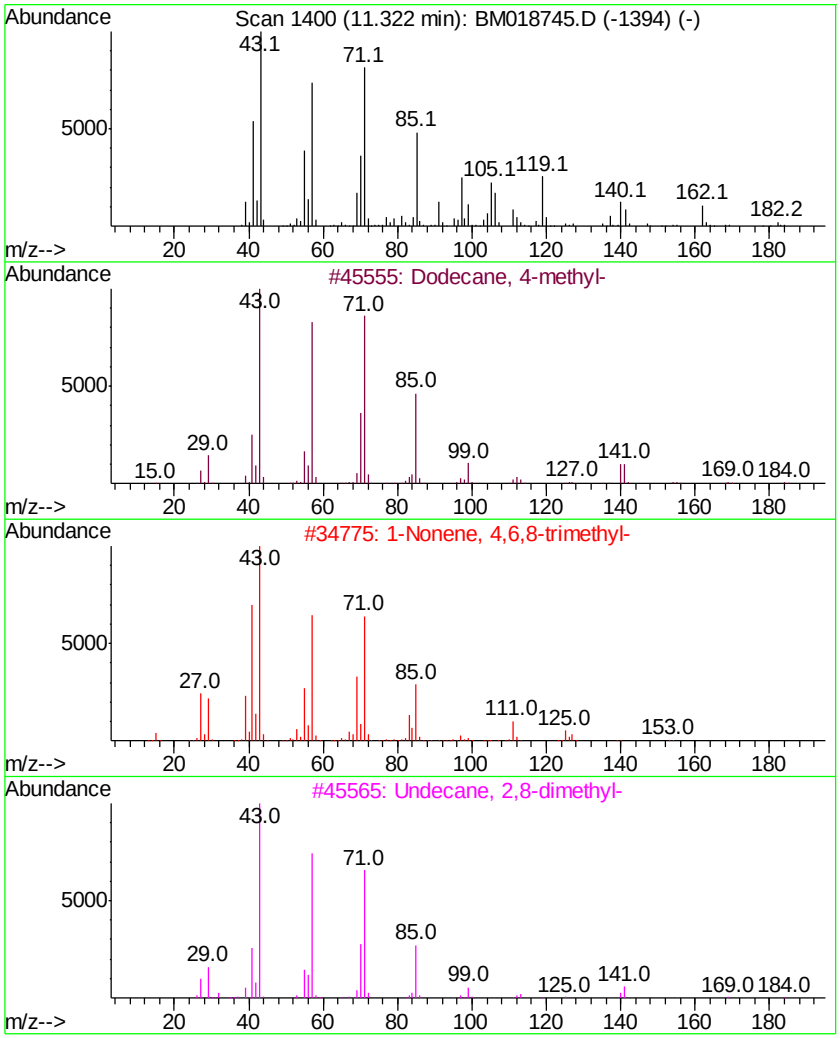
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

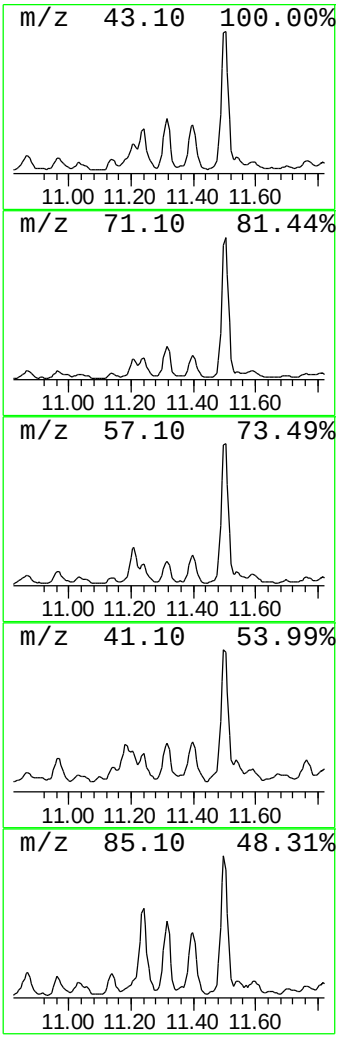
****

Peak Number 4 Dodecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	7.88 ng	1293210	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	96
2	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	50
3	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	50
4	Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	50
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

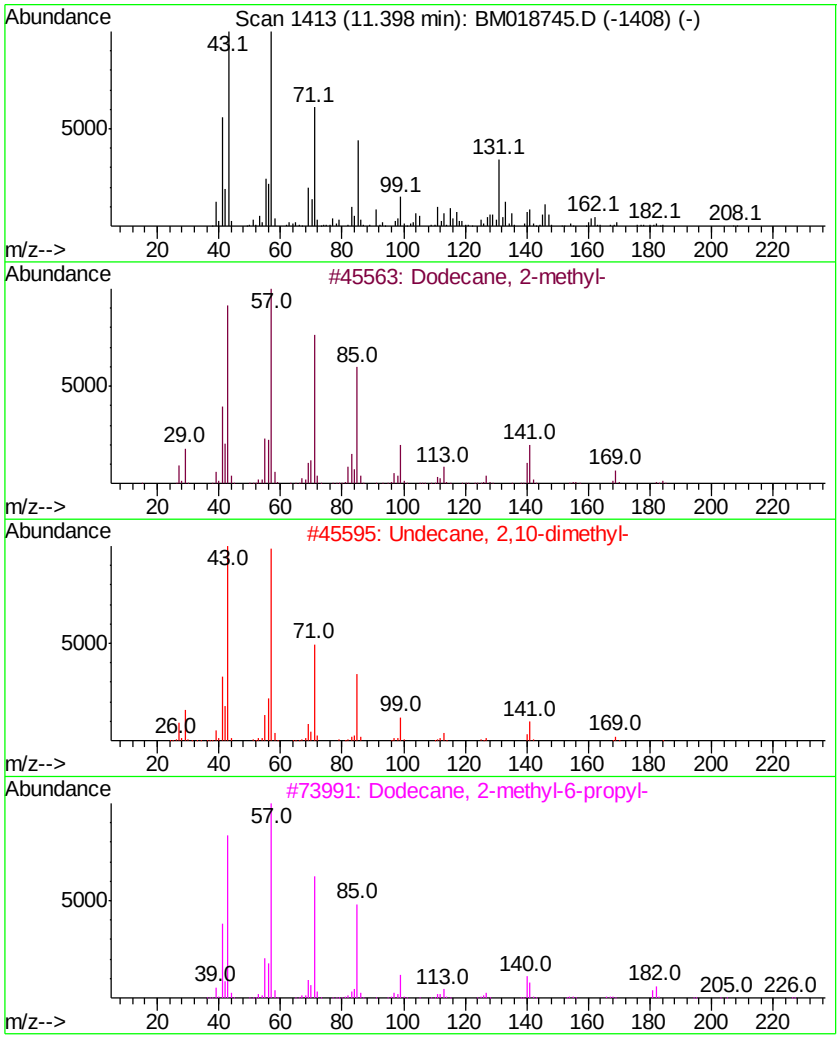
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

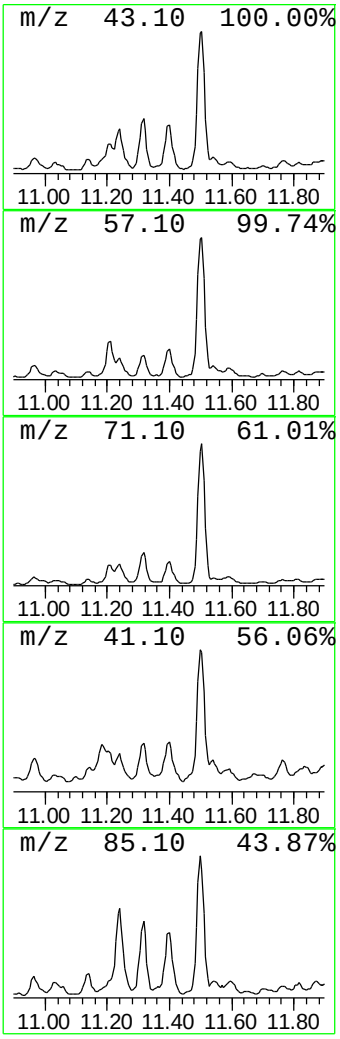
****

Peak Number 5 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	9.35 ng	1536010	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	95
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	76
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
5	Octacosane	394	C28H58	000630-02-4	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

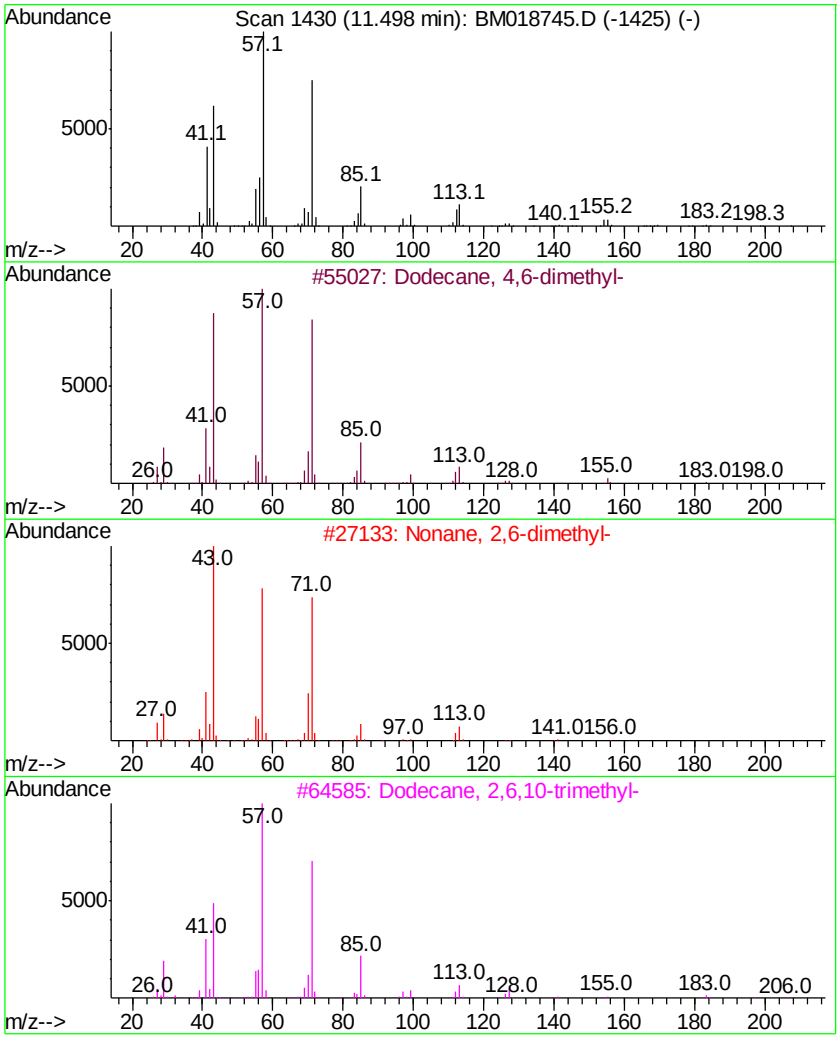
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

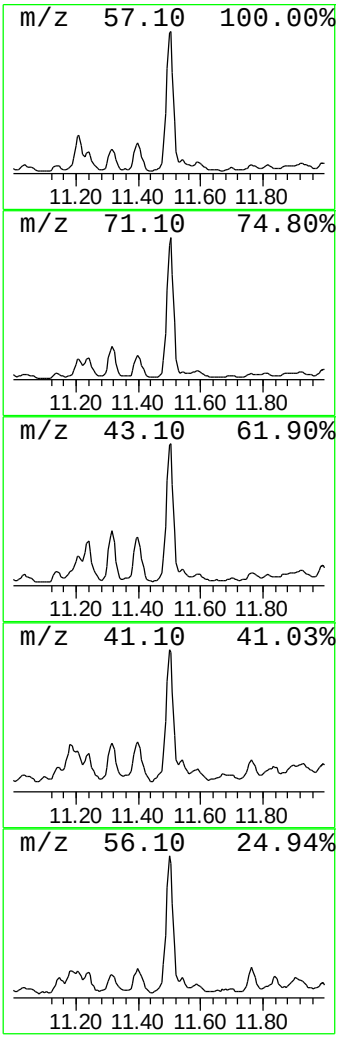
****

Peak Number 6 Dodecane, 4,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	20.03 ng	3288480	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
5	Nonane, 5-propyl-	170	C12H26	000998-35-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

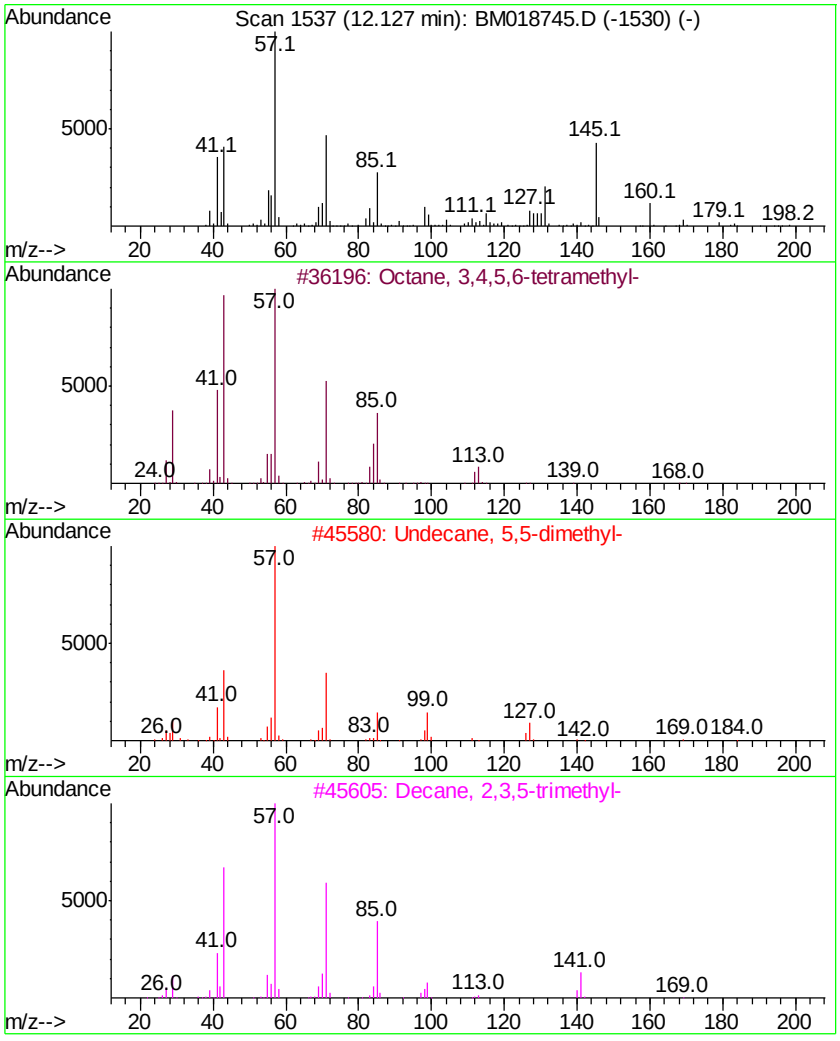
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

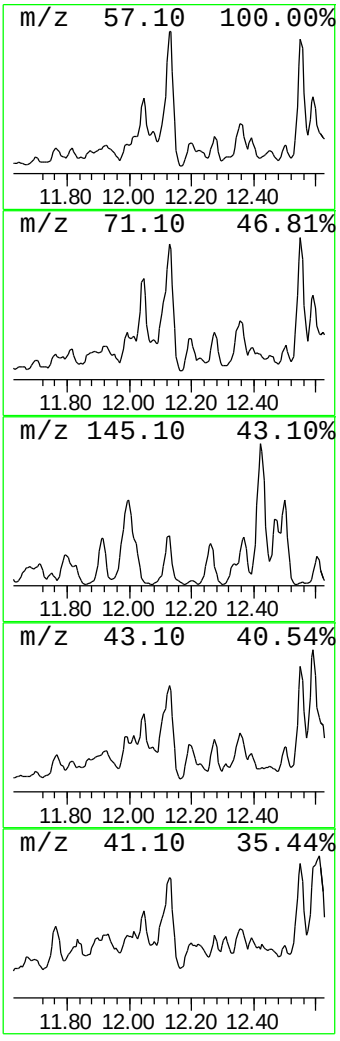
****

Peak Number 7 unknown12.13 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	12.73 ng	2090440	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	38
2	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	38
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	35
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

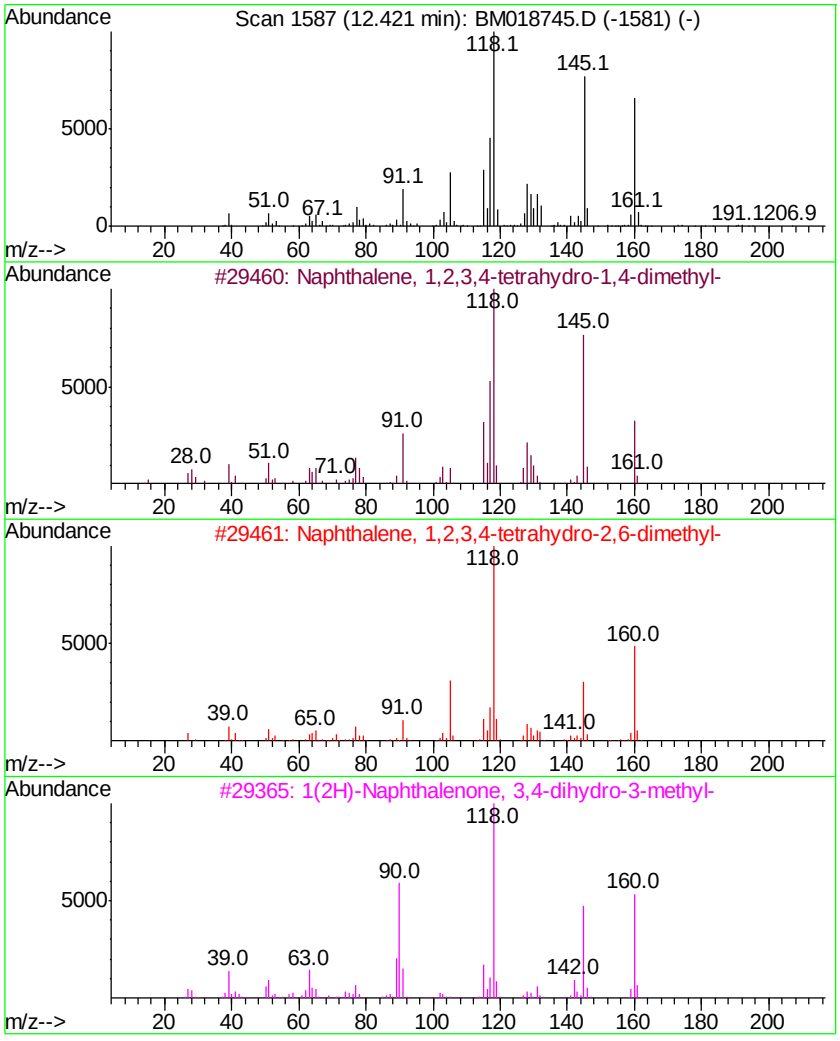
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

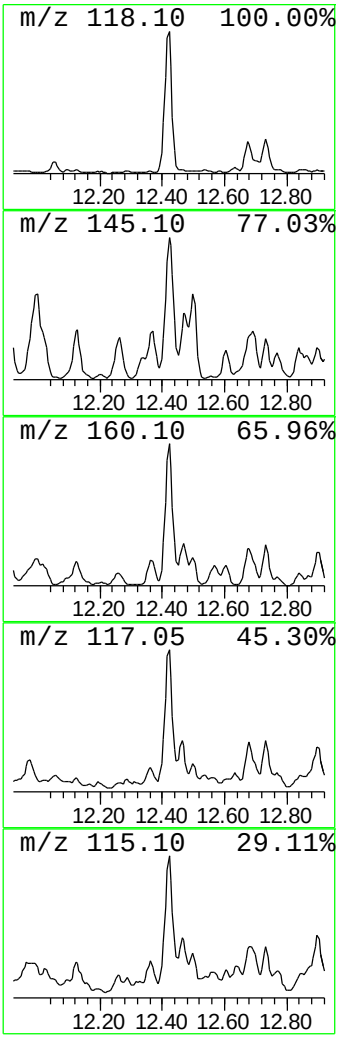
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	11.94 ng	1960490	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	74
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	55
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

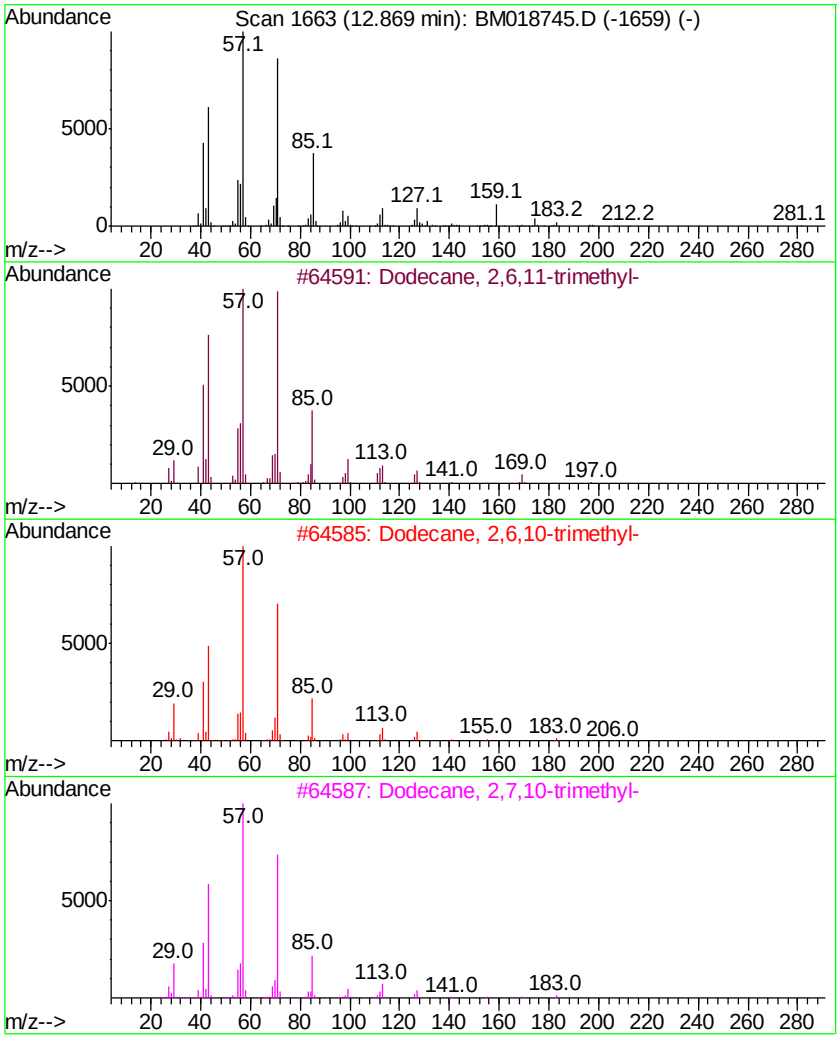
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

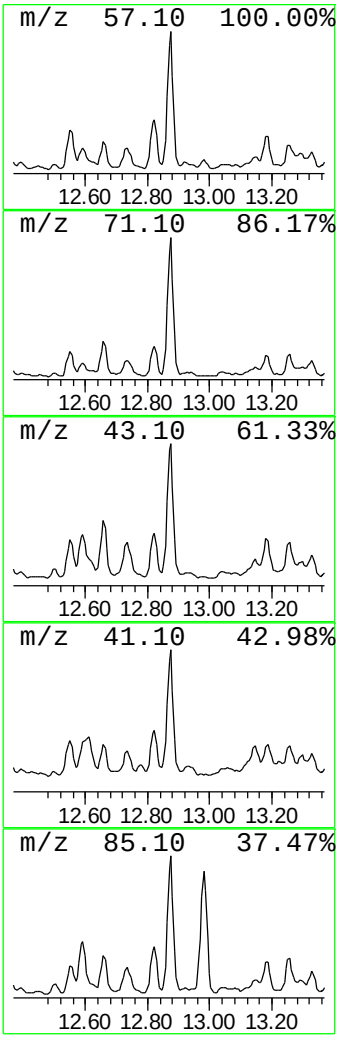
****

Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	19.75 ng	3798780	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	93
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Decane, 5-propyl-	184	C13H28	017312-62-8	58
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

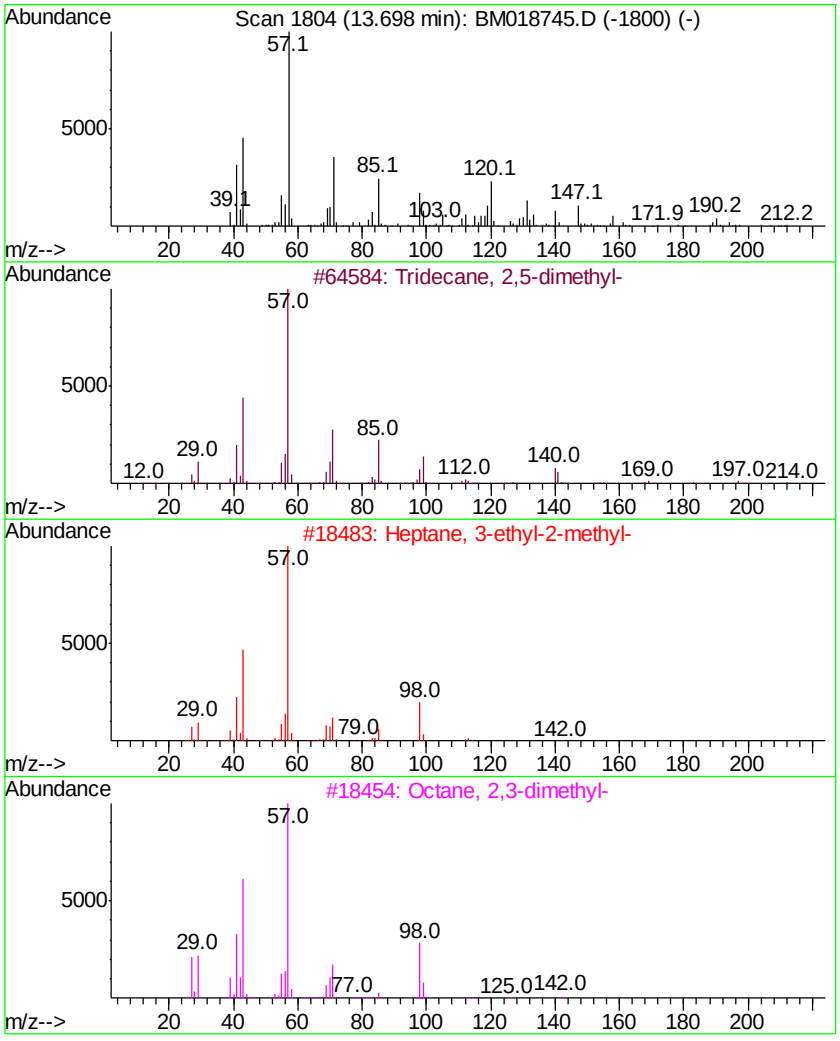
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

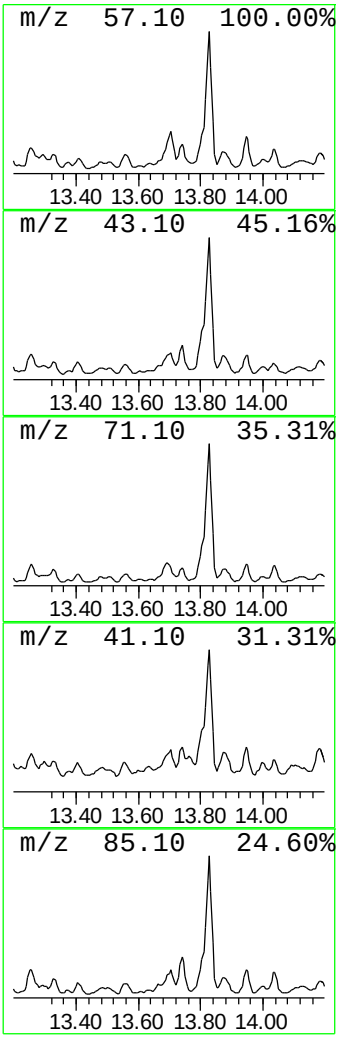
****

Peak Number 10 unknown13.70 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	7.93 ng	1525340	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	27
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	27
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	25
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	22
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

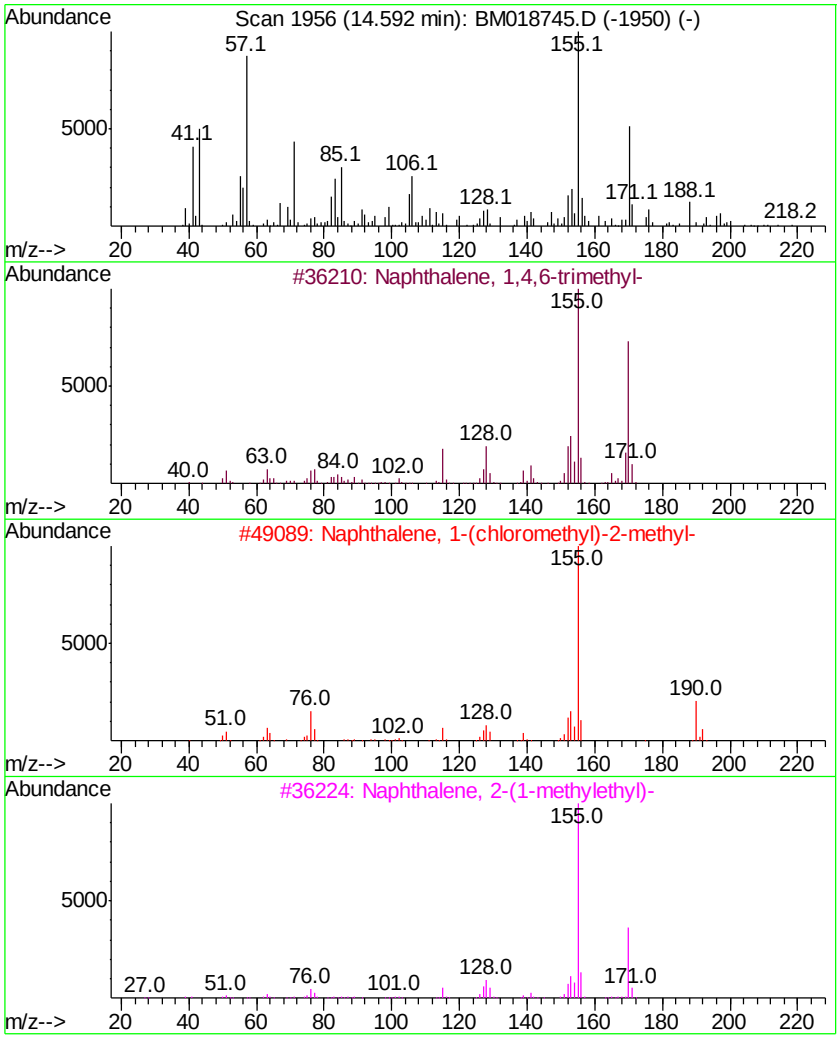
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

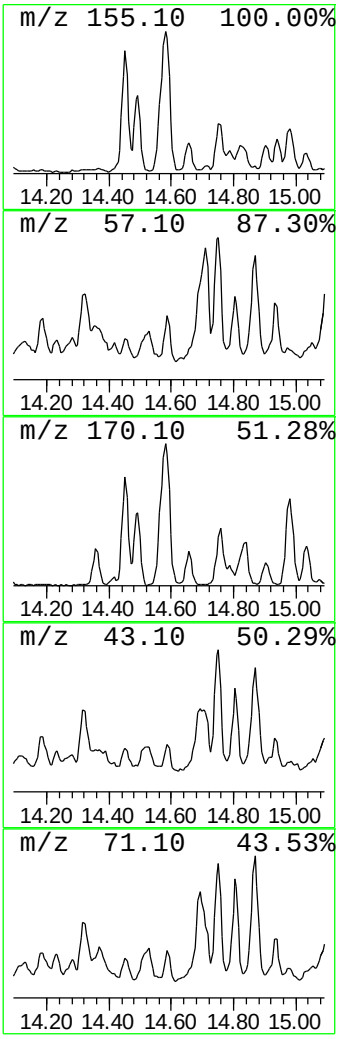
****

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	7.89 ng	1517510	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
2	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	64
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	58
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	53
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

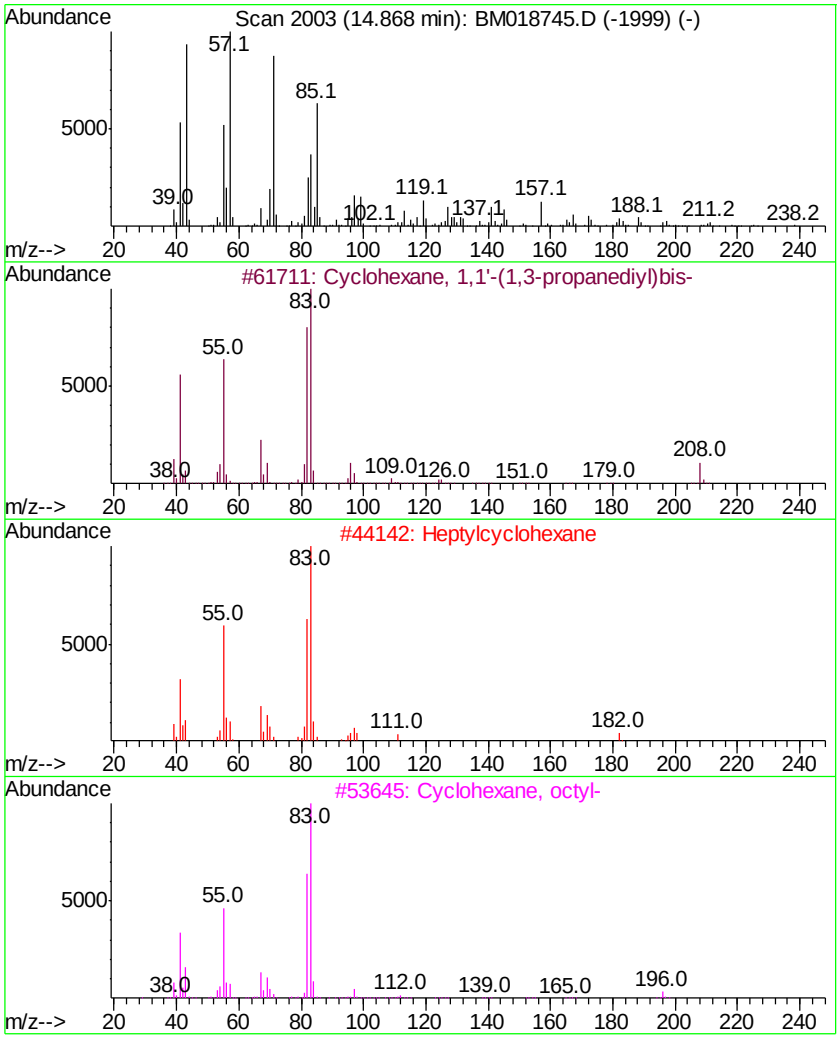
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

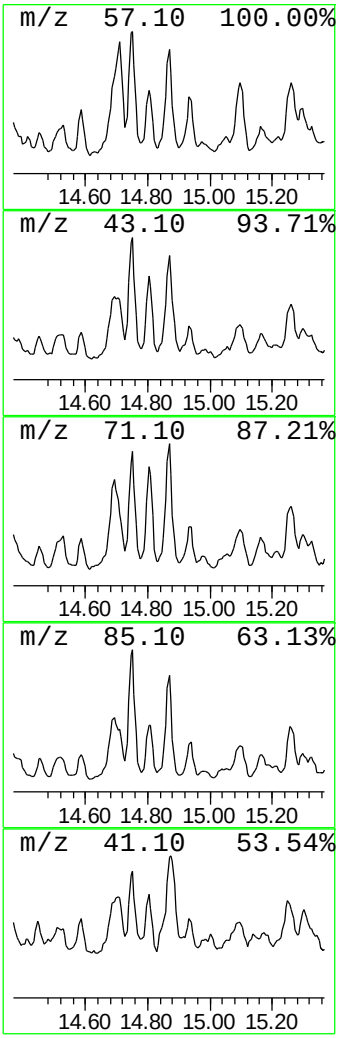
****

Peak Number 12 unknown14.87 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	9.99 ng	1921290	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	46
2	Heptylcyclohexane	182	C13H26	005617-41-4	45
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	43
4	n-Nonylcyclohexane	210	C15H30	002883-02-5	41
5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

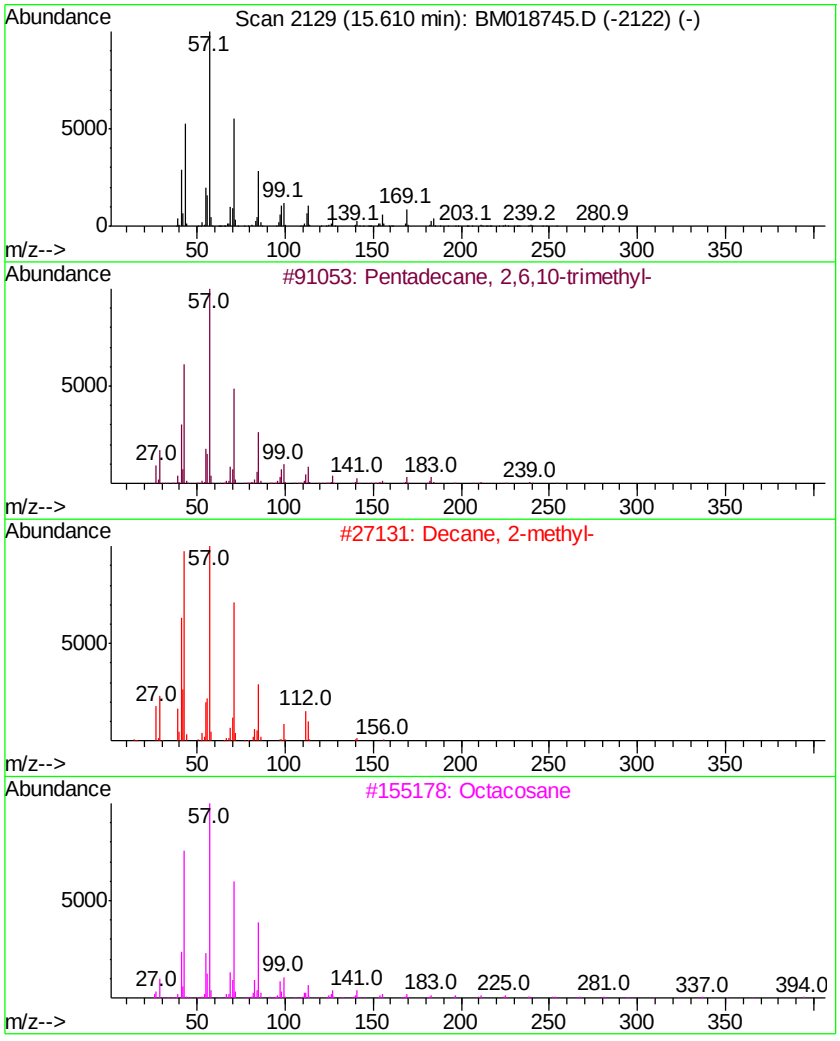
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

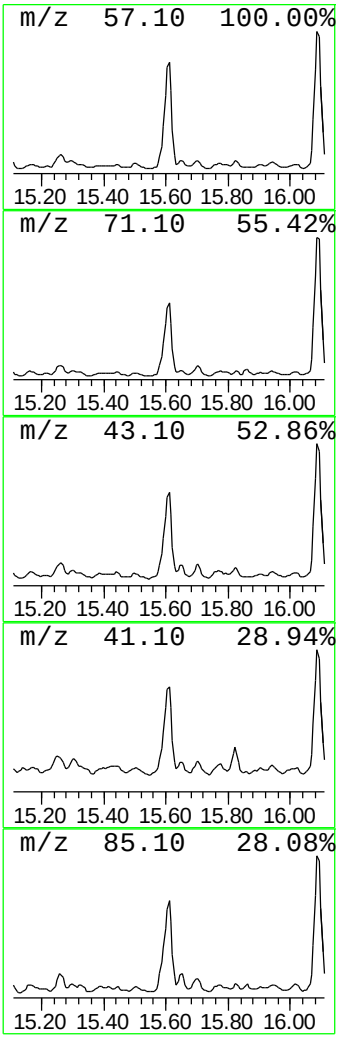
****

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	26.67 ng	5130320	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Decane, 2-methyl-	156	C11H24	006975-98-0	81
3	Octacosane	394	C28H58	000630-02-4	72
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68
5	Eicosane	282	C20H42	000112-95-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

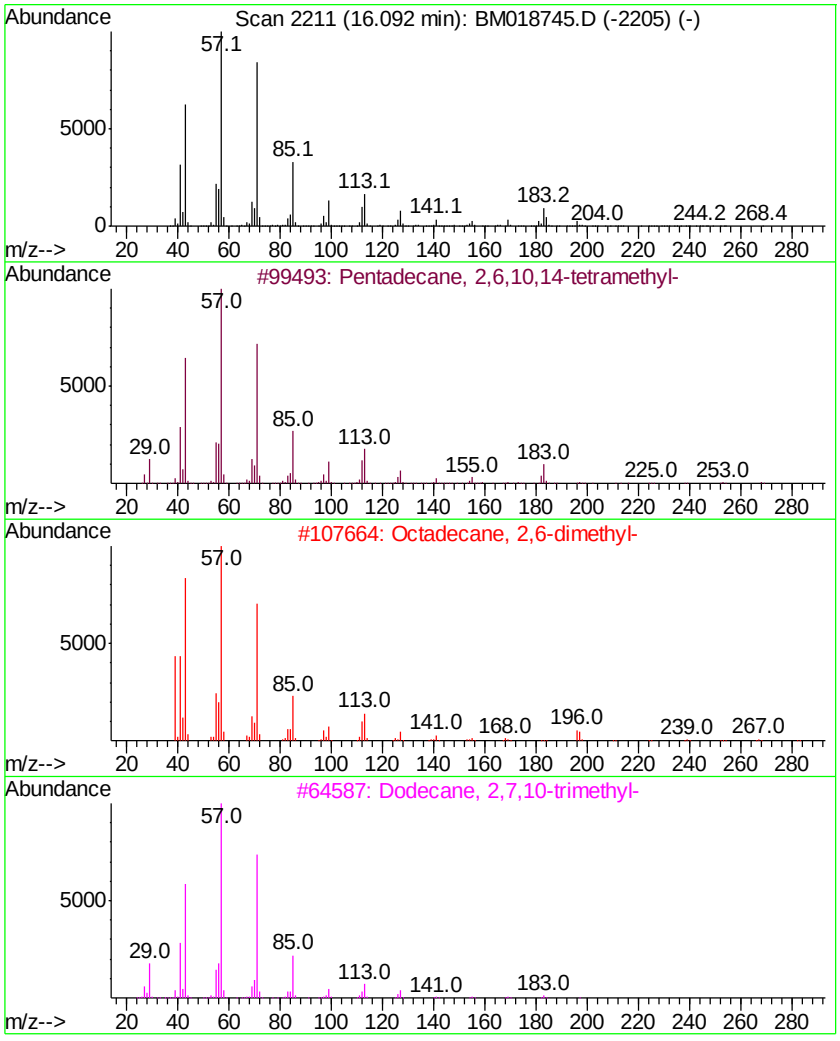
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

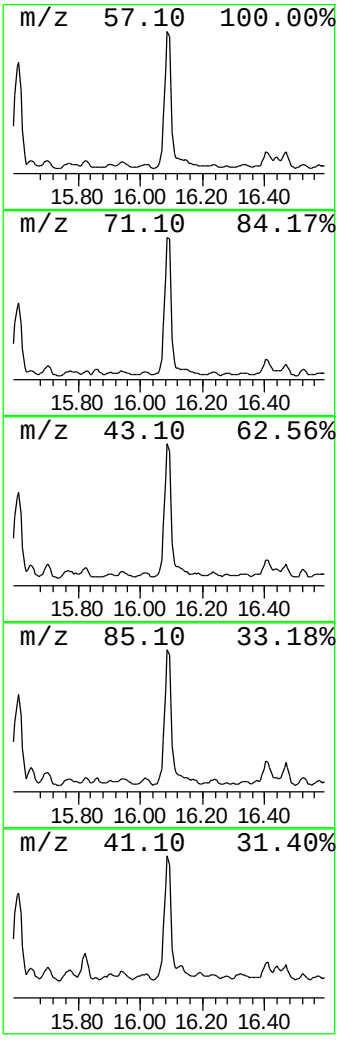
****

Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	37.81 ng	6936860	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
5	Heptacosane	380	C27H56	000593-49-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

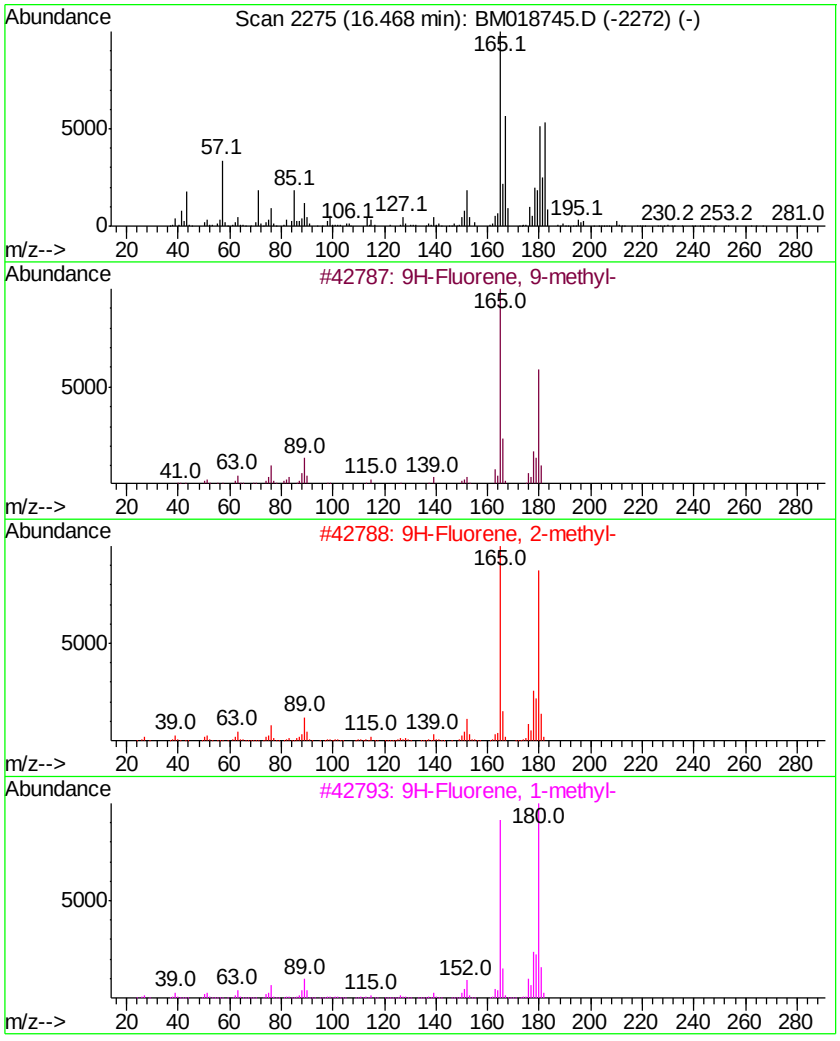
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

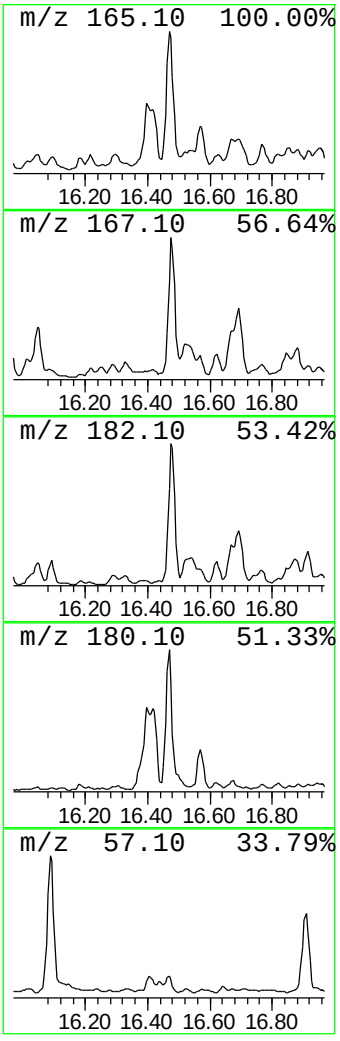
****

Peak Number 15 9H-Fluorene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	10.39 ng	1906000	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	50
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

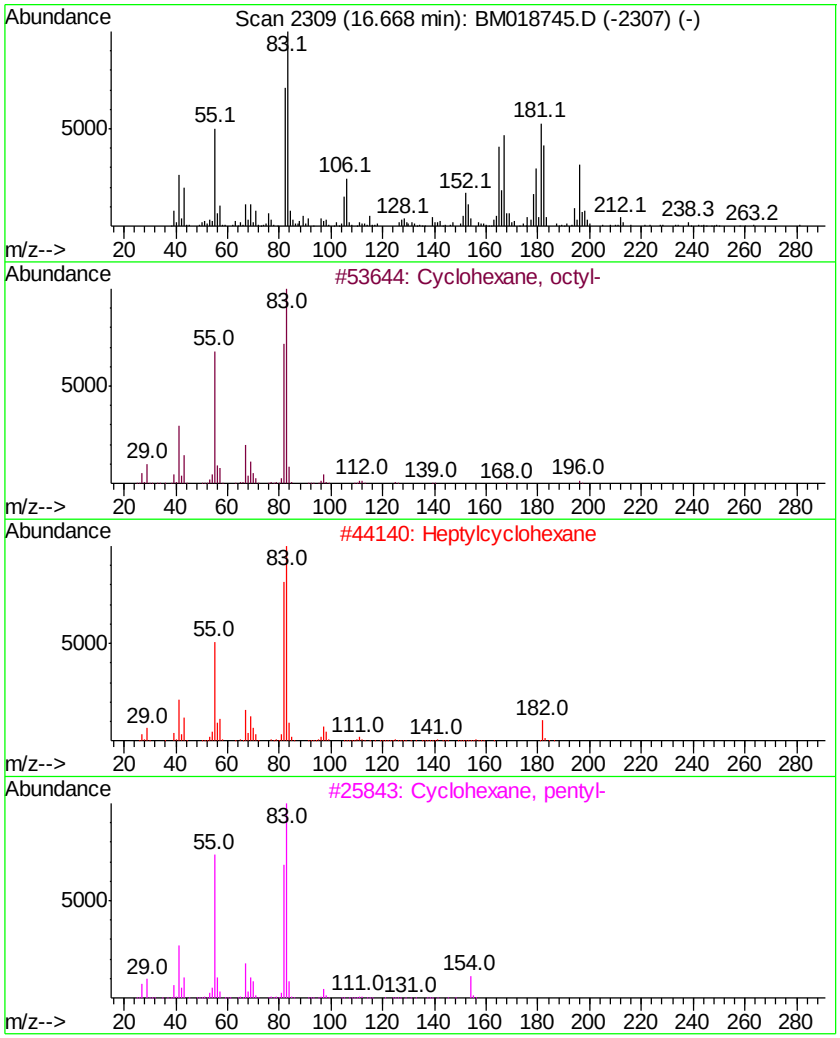
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

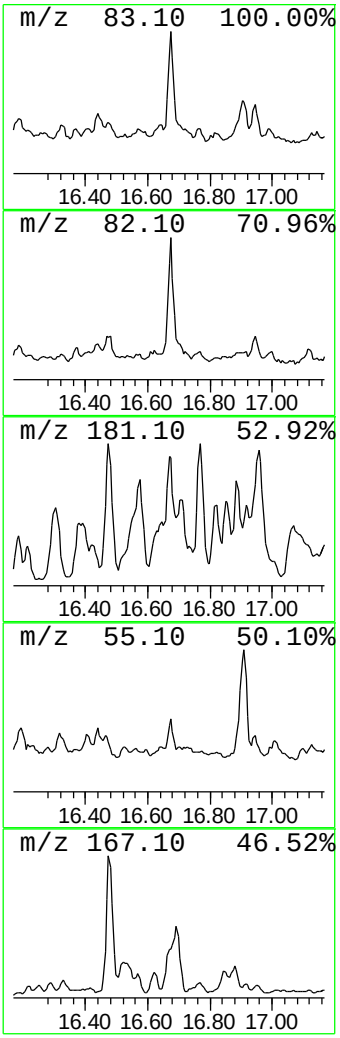
****

Peak Number 16 unknown16.67 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	9.97 ng	1828680	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	49
2	Heptylcyclohexane	182	C13H26	005617-41-4	49
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
4	Hexane, 1,6-dicyclohexyl-	250	C18H34	001610-23-7	35
5	Cyclohexanone, 6-methyl-3-(1-met...	210	C13H22O2	056772-10-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

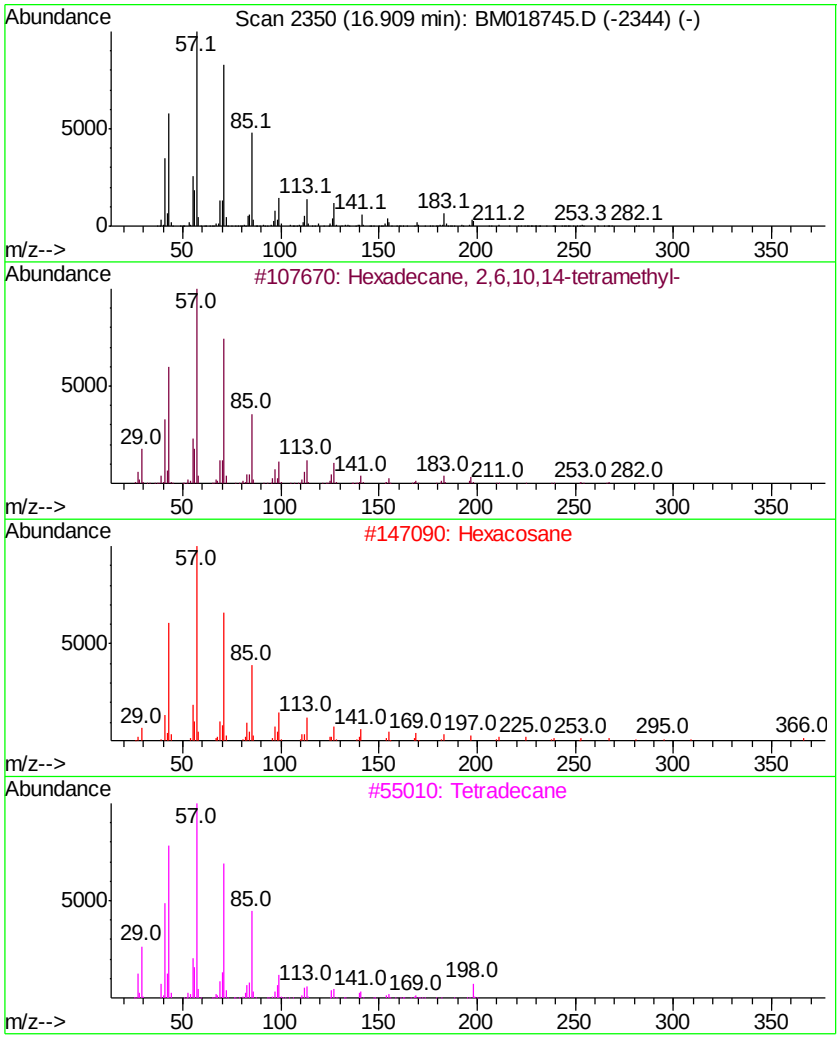
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

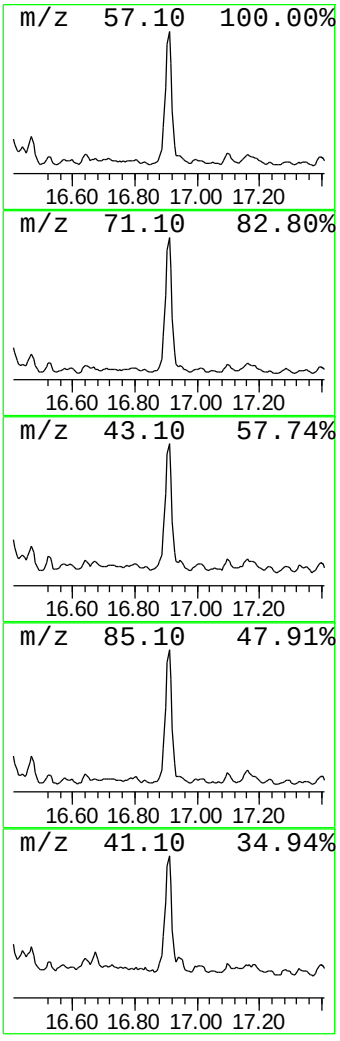
****

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	23.62 ng	4334000	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

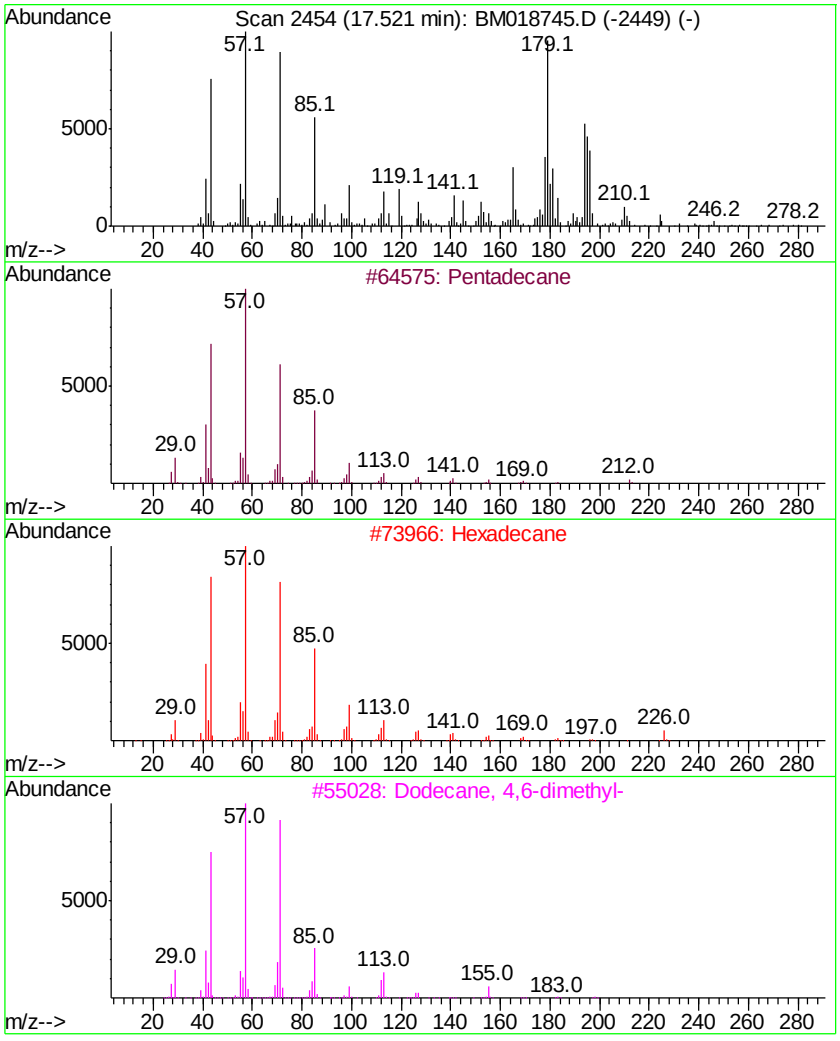
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

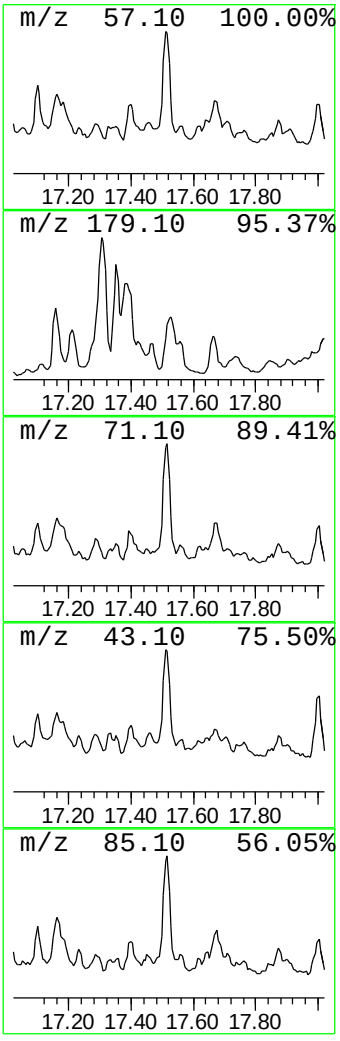
****

Peak Number 18 unknown17.52 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	8.16 ng	1497010	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	38
2	Hexadecane	226	C16H34	000544-76-3	38
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	35
4	Eicosane	282	C20H42	000112-95-8	30
5	Decane, 3-methyl-	156	C11H24	013151-34-3	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

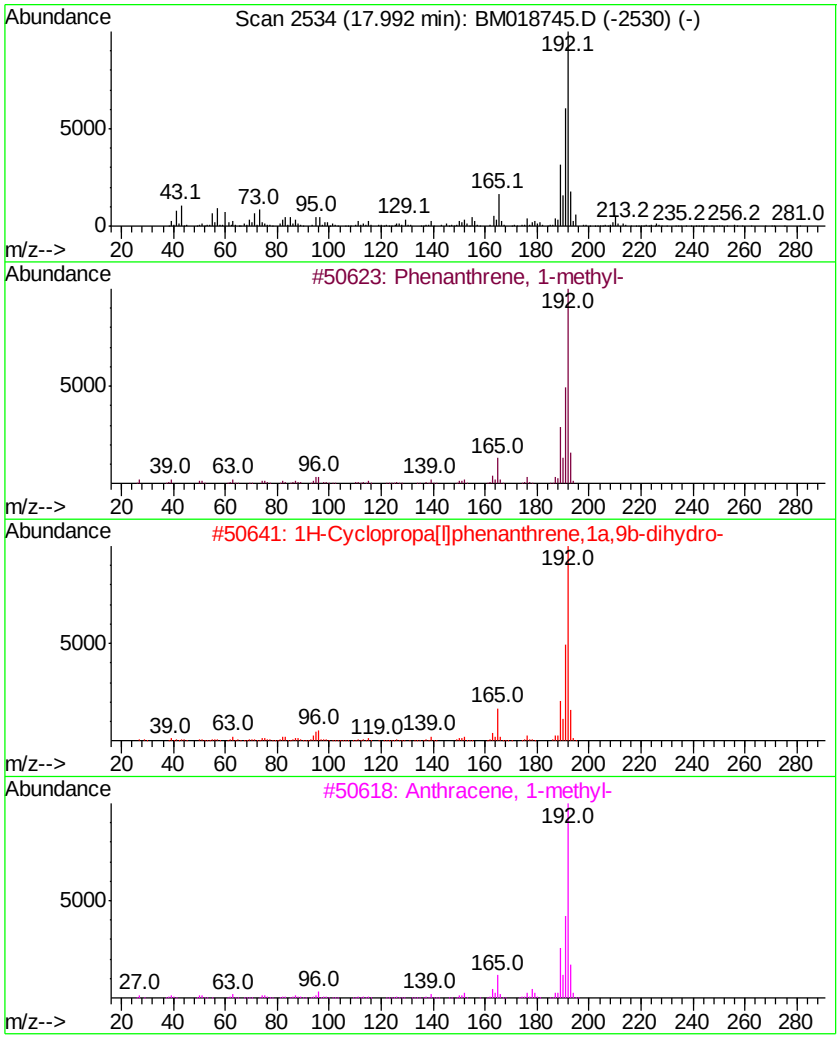
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

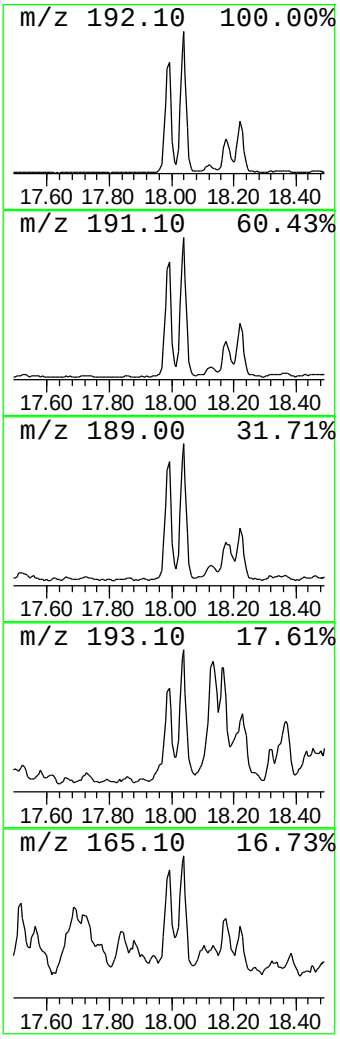
****

Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	12.23 ng	2244520	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

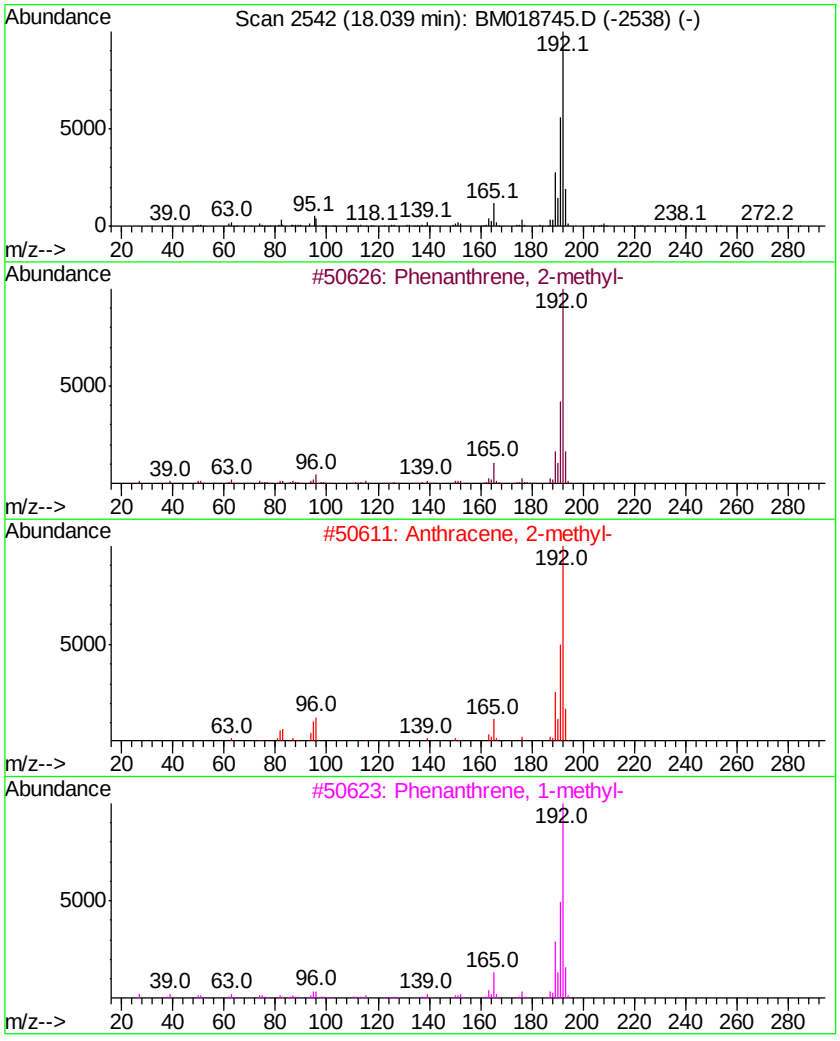
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

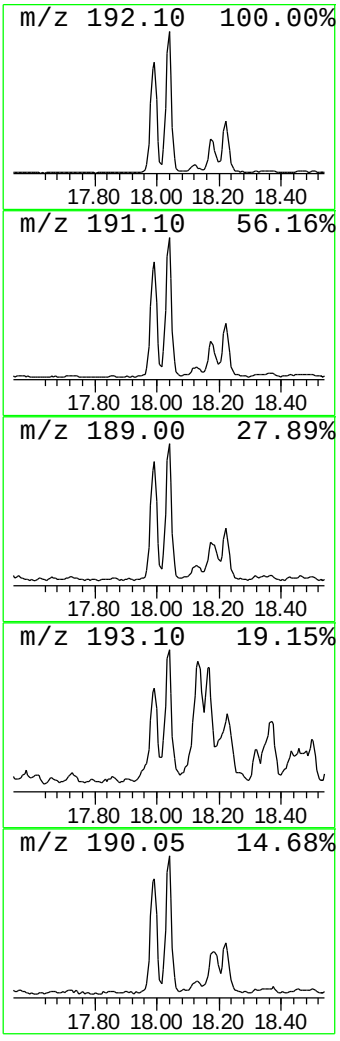
****

Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	10.37 ng	1902950	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020719\
Data File : BM018745.D
Acq On : 07 Feb 2019 19:41
Operator : JU/SJ
Sample : K1390-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-04(13-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown7.25	7.25	98.6	ng	7403580	1	7.72	1501950	20.0
Undecane, 2,6-dim...	10.64	17.8	ng	2924350	2	10.50	3284220	20.0
Dodecane, 4-methyl-	11.32	7.9	ng	1293210	2	10.50	3284220	20.0
Dodecane, 2-methyl-	11.40	9.3	ng	1536010	2	10.50	3284220	20.0
Dodecane, 4,6-dim...	11.50	20.0	ng	3288480	2	10.50	3284220	20.0
unknown12.13	12.13	12.7	ng	2090440	2	10.50	3284220	20.0
Naphthalene, 1,2,...	12.42	11.9	ng	1960490	2	10.50	3284220	20.0
Dodecane, 2,6,11-...	12.87	19.8	ng	3798780	3	14.36	3847130	20.0
unknown13.70	13.70	7.9	ng	1525340	3	14.36	3847130	20.0
Naphthalene, 1,4,...	14.59	7.9	ng	1517510	3	14.36	3847130	20.0
unknown14.87	14.87	10.0	ng	1921290	3	14.36	3847130	20.0
Pentadecane, 2,6,...	15.61	26.7	ng	5130320	3	14.36	3847130	20.0
Pentadecane, 2,6,...	16.09	37.8	ng	6936860	4	17.12	3669360	20.0
9H-Fluorene, 9-me...	16.47	10.4	ng	1906000	4	17.12	3669360	20.0
unknown16.67	16.67	10.0	ng	1828680	4	17.12	3669360	20.0
Hexadecane, 2,6,1...	16.91	23.6	ng	4334000	4	17.12	3669360	20.0
unknown17.52	17.52	8.2	ng	1497010	4	17.12	3669360	20.0
Phenanthrene, 1-m...	17.99	12.2	ng	2244520	4	17.12	3669360	20.0
Phenanthrene, 2-m...	18.04	10.4	ng	1902950	4	17.12	3669360	20.0