LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018744.D
Acq On : 07 Feb 2019 19:05
Operator : JU/SJ
Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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	4.863	298	302	309	rBV	222308	307168	3.05%	0.246%
2	5.305	371	377	391	rBV	4584600	6487082	64.39%	5.205%
3	6.893	640	647	659	rVB	4300495	6967137	69.15%	5.591%
4	7.246	700	707	720	rVB	4619775	7506746	74.51%	6.023%
5	7.663	773	778	782	rBV2	206324	268917	2.67%	0.216%
6	7.716	782	787	792	rBV	922095	1374674	13.64%	1.103%
7	8.034	833	841	849	rVB	3585417	5832333	57.89%	4.680%
8	8.528	920	925	930	rBV4	128990	261713	2.60%	0.210%
9	8.793	959	970	978	rBV8	141260	428474	4.25%	0.344%
10	8.881	978	985	993	rVV	2613161	4346032	43.14%	3.487%
11	9.040	1007	1012	1020	rVB4	207641	497371	4.94%	0.399%
12	9.157	1026	1032	1038	rVB6	92542	225039	2.23%	0.181%
13	9.328	1054	1061	1065	rBV	207914	345822	3.43%	0.277%
14	9.410	1070	1075	1078	rVV2	164066	233864	2.32%	0.188%
15	9.581	1096	1104	1107	rBV3	111212	255914	2.54%	0.205%
16	9.669	1113	1119	1127	rBV3	244122	529832	5.26%	0.425%
17	10.063	1181	1186	1193	rBV6	116294	325299	3.23%	0.261%
18	10.198	1202	1209	1215	rVB2	197009	421999	4.19%	0.339%
19	10.269	1215	1221	1225	rBV2	153172	273498	2.71%	0.219%
20	10.375	1230	1239	1242	rBV4	165254	391498	3.89%	0.314%
21	10.445	1247	1251	1253	rVV3	231514	387621	3.85%	0.311%
22	10.504	1256	1261	1266	rVV	1255932	2200526	21.84%	1.766%
23	10.557	1266	1270	1274	rVV5	289335	532948	5.29%	0.428%
24	10.610	1274	1279	1280	rVV4	289909	516346	5.13%	0.414%
25	10.639	1280	1284	1289	rVV	865547	1342484	13.33%	1.077%
26	10.704	1289	1295	1302	rVV3	337224	722246	7.17%	0.580%
27	10.904	1325	1329	1335	rVV4	144393	358493	3.56%	0.288%
28	10.963	1335	1339	1346	rVB3	538688	917510	9.11%	0.736%
29	11.034	1346	1351	1356	rBV5	92794	239552	2.38%	0.192%
30	11.145	1366	1370	1372	rBV3	151642	242035	2.40%	0.194%
31	11.316	1395	1399	1407	rVB5	197006	349691	3.47%	0.281%
32	11.404	1408	1414	1420	rVB6	247057	585705	5.81%	0.470%
33	11.504	1426	1431	1435	rBV	989774	1533491	15.22%	1.230%
34	11.692	1456	1463	1470	rBV3	430904	1000204	9.93%	0.803%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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

35	11.763	1470	1475	1479	rBV5	228706	414766	4.12%	0.333%
36	12.128	1530	1537	1544	rVB3	521111	1240817	12.32%	0.996%
37	12.363	1574	1577	1580	rVB2	173128	221794	2.20%	0.178%
38	12.422	1581	1587	1591	rVV	930128	1512495	15.01%	1.214%
39	12.463	1591	1594	1597	rVV2	234505	321266	3.19%	0.258%
40	12.498	1598	1600	1604	rVB2	234400	245329	2.44%	0.197%
41	12.551	1604	1609	1613	rBV6	266626	498324	4.95%	0.400%
42	12.733	1636	1640	1644	rBV3	282049	371884	3.69%	0.298%
43	12.775	1644	1647	1652	rVB4	227492	349917	3.47%	0.281%
44	12.828	1652	1656	1657	rBV2	180084	230055	2.28%	0.185%
45	12.875	1659	1664	1671	rVV2	1287955	2040232	20.25%	1.637%
46	12.980	1676	1682	1690	rVB	6099316	8728237	86.63%	7.004%
47	13.145	1702	1710	1712	rBV6	328361	705851	7.01%	0.566%
48	13.257	1722	1729	1731	rBV5	301069	614520	6.10%	0.493%
49	13.292	1732	1735	1739	rVB	407981	609572	6.05%	0.489%
50	13.410	1751	1755	1758	rBV2	326701	433112	4.30%	0.348%
51	13.557	1776	1780	1784	rBV4	248956	400711	3.98%	0.322%
52	13.628	1789	1792	1796	rBV5	222269	329891	3.27%	0.265%
53	13.763	1813	1815	1820	rBV2	222044	309652	3.07%	0.248%
54	13.827	1821	1826	1830	rVB	2001916	2742706	27.22%	2.201%
55	13.875	1830	1834	1839	rBV4	373080	593040	5.89%	0.476%
56	13.998	1851	1855	1859	rBV4	196566	313605	3.11%	0.252%
57	14.180	1882	1886	1893	rVB5	374133	616260	6.12%	0.494%
58	14.245	1893	1897	1903	rBV4	350907	642353	6.38%	0.515%
59	14.316	1905	1909	1912	rBV3	378429	599757	5.95%	0.481%
60	14.363	1912	1917	1923	rVB2	1668706	2646803	26.27%	2.124%
61	14.451	1928	1932	1935	rVB2	406135	523954	5.20%	0.420%
62	14.580	1948	1954	1960	rVB2	654854	1211776	12.03%	0.972%
63	14.751	1980	1983	1988	rVB3	297525	387942	3.85%	0.311%
64	14.869	1999	2003	2008	rBV5	412899	636441	6.32%	0.511%
65	14.980	2018	2022	2025	rBV3	301782	537135	5.33%	0.431%
66	15.086	2036	2040	2045	rVB4	194893	357518	3.55%	0.287%
67	15.204	2057	2060	2064	rVB2	277918	347101	3.45%	0.279%
68	15.245	2065	2067	2073	rVB5	149768	223904	2.22%	0.180%
69	15.298	2074	2076	2080	rBV4	160134	227069	2.25%	0.182%
70	15.410	2088	2095	2098	rBV7	279679	631904	6.27%	0.507%
71	15.451	2098	2102	2107	rVV3	342654	639034	6.34%	0.513%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : SB-03(12-13)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	15.539	2114	2117	2120	rVB	316289	353078	3.50%	0.283%
73	15.604	2124	2128	2137	rVB2	1304400	2327978	23.11%	1.868%
74	15.821	2162	2165	2167	rBV2	226693	246612	2.45%	0.198%
75	15.857	2167	2171	2178	rVB	4302355	6166166	61.20%	4.948%
76	16.086	2203	2210	2216	rVB	2263907	3422862	33.97%	2.747%
77	16.221	2230	2233	2237	rVB3	212735	313303	3.11%	0.251%
78	16.398	2260	2263	2271	rVB5	270388	498928	4.95%	0.400%
79	16.468	2271	2275	2280	rBV3	726950	1089662	10.82%	0.874%
80	16.680	2307	2311	2320	rVB6	301051	821934	8.16%	0.660%
81	16.768	2323	2326	2332	rVB4	185627	274775	2.73%	0.220%
82	16.910	2345	2350	2354	rBV	1168774	1699522	16.87%	1.364%
83	17.116	2379	2385	2389	rBV	1786173	2597875	25.79%	2.085%
84	17.157	2389	2392	2398	rVB	553114	774362	7.69%	0.621%
85	17.515	2449	2453	2458	rBV5	450704	732962	7.28%	0.588%
86	17.839	2504	2508	2512	rBV3	163304	284584	2.82%	0.228%
87	17.998	2529	2535	2538	rBV2	764262	1467243	14.56%	1.177%
88	18.039	2538	2542	2547	rVB	713314	1079722	10.72%	0.866%
89	18.174	2562	2565	2570	rVV2	186969	301933	3.00%	0.242%
90	18.221	2571	2573	2582	rVB2	284583	424357	4.21%	0.341%
91	18.739	2658	2661	2666	rVV2	219638	274918	2.73%	0.221%
92	18.786	2666	2669	2673	rVV	269346	357458	3.55%	0.287%
93	18.910	2685	2690	2695	rBV	477423	782619	7.77%	0.628%
94	19.286	2750	2754	2763	rVB7	160373	283003	2.81%	0.227%
95	19.551	2796	2799	2805	rVB3	158683	285098	2.83%	0.229%
96	19.615	2806	2810	2816	rVB	186783	273078	2.71%	0.219%
97	19.751	2827	2833	2843	rVB	7840755	10074887	100.00%	8.084%
98	21.009	3043	3047	3057	rBV	506305	696276	6.91%	0.559%
99	21.309	3093	3098	3105	rBV	1921569	2498310	24.80%	2.005%
100	23.568	3476	3482	3490	rVB2	1347078	2554836	25.36%	2.050%

Sum of corrected areas: 124624332

LSC Report - Integrated Chromatogram

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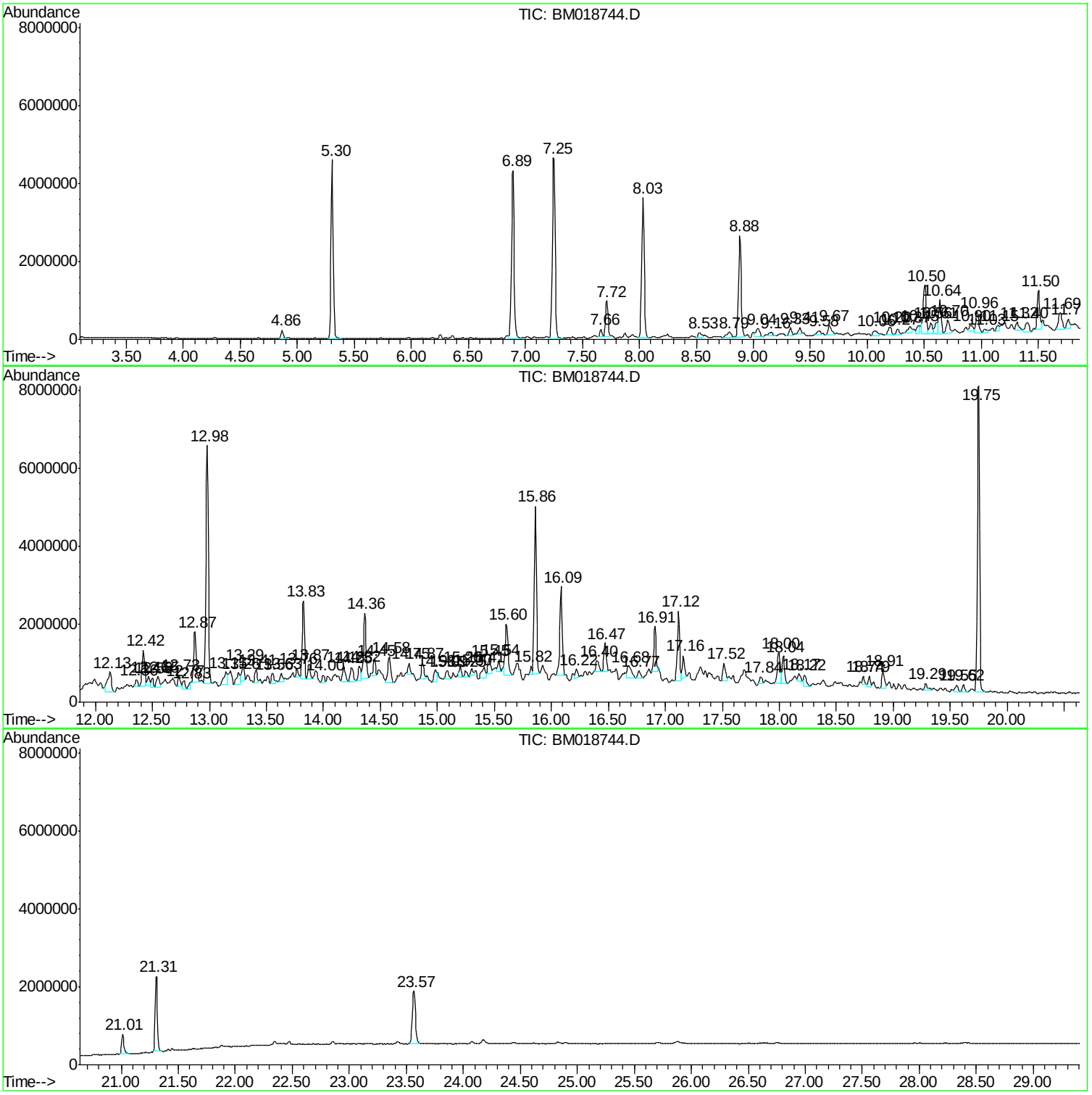
Data File : BM018744.D
Acq On : 07 Feb 2019 19:05
Operator : JU/SJ
Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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 : BM018744.D
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Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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

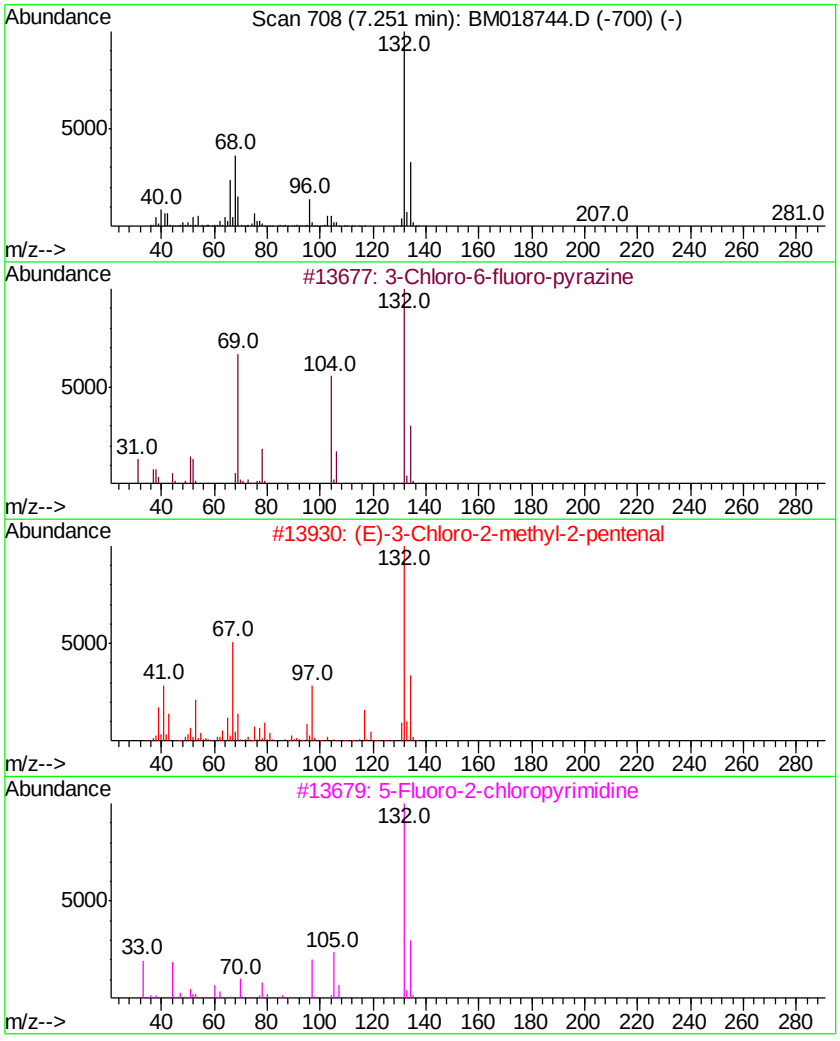
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

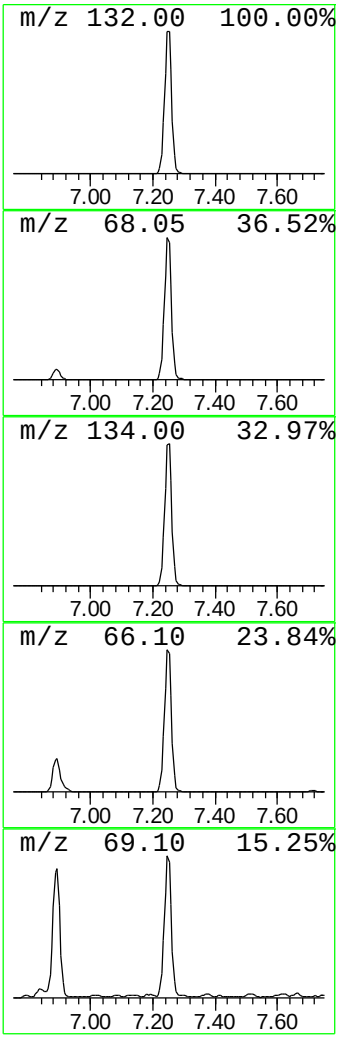
****

Peak Number 1 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	109.22 ng	7506750	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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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

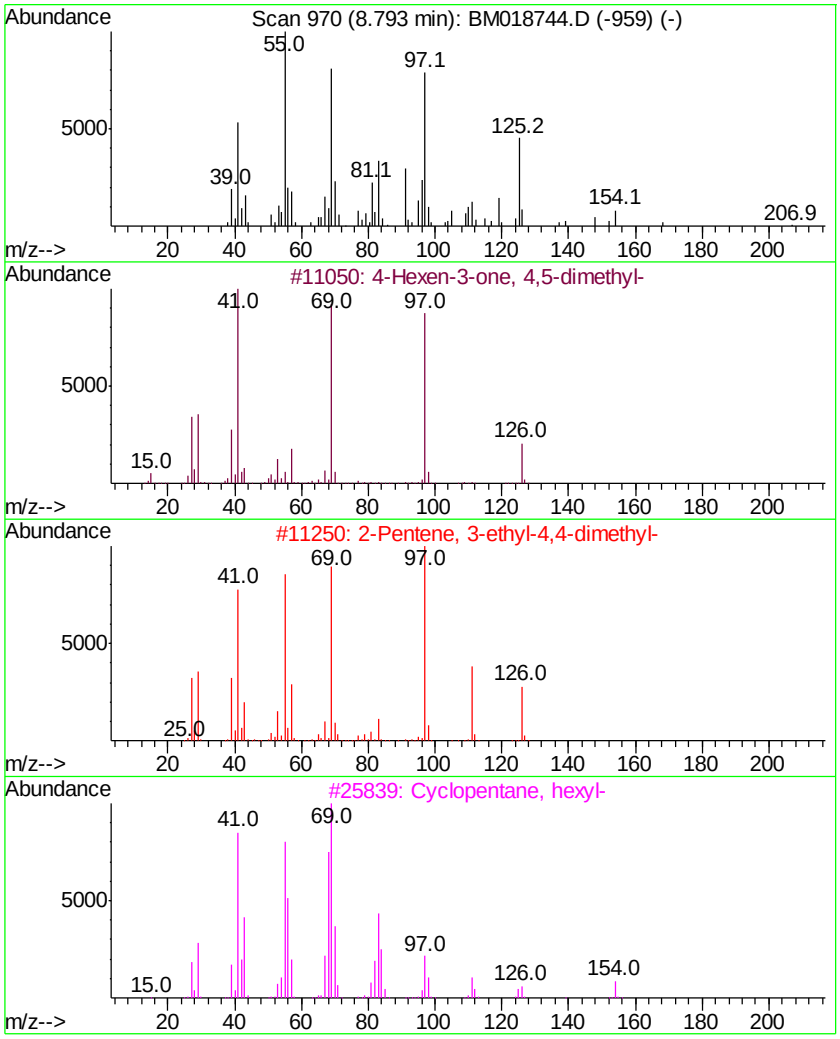
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

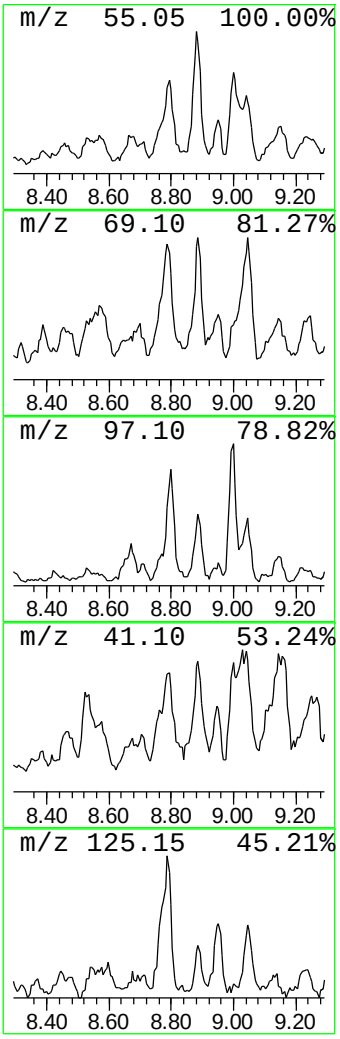
****

Peak Number 3 unknown8.79 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	6.23 ng	428474	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	49
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	47
3	Cyclopentane, hexyl-	154	C11H22	004457-00-5	38
4	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	35
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	30





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
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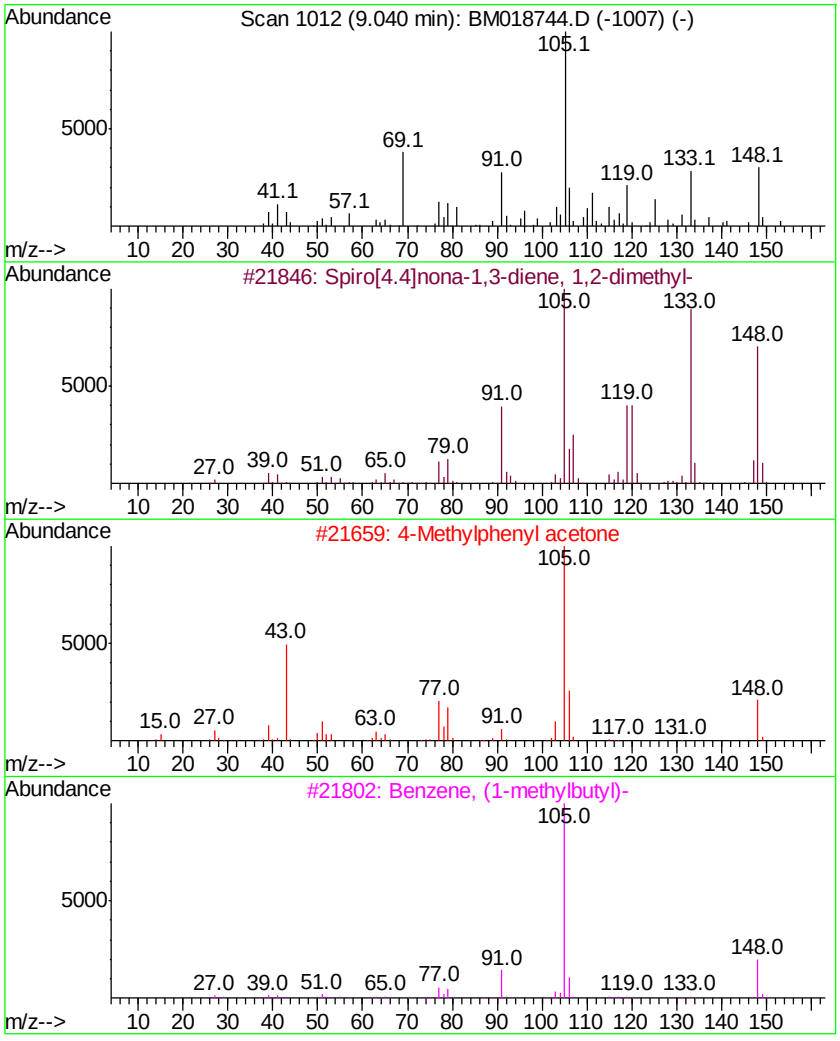
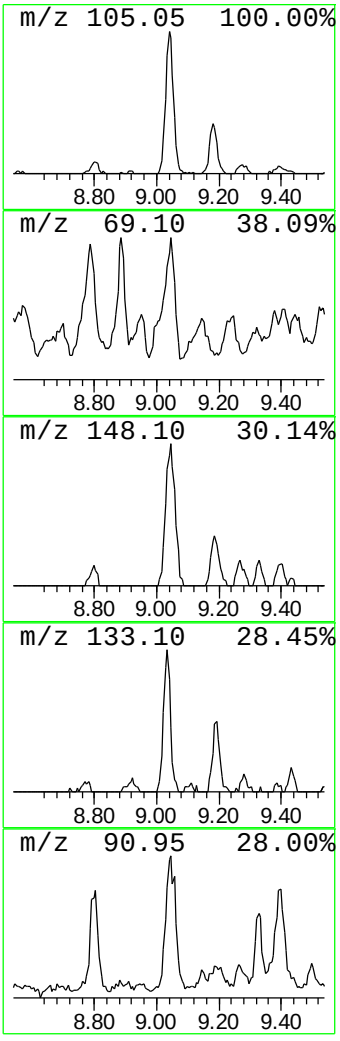
****

Peak Number 4 Spiro[4.4]nona-1,3-diene, 1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	7.24 ng	497371	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	64
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
3	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38
4	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	35
5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	30





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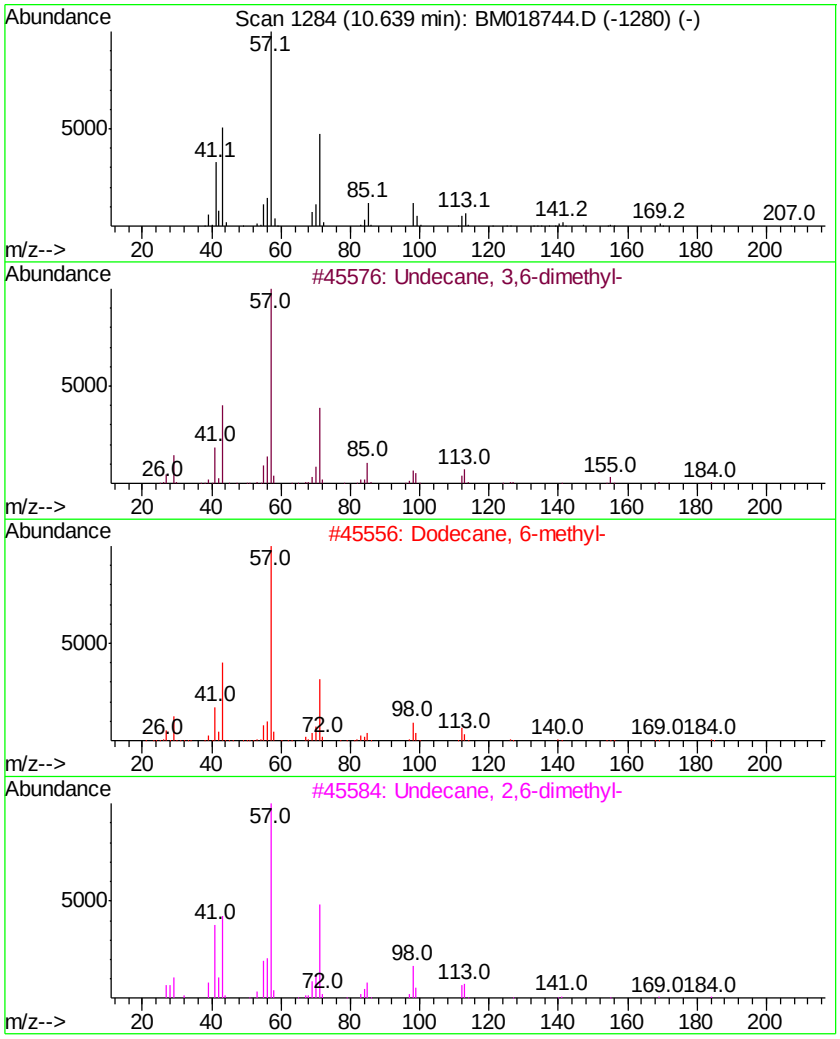
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

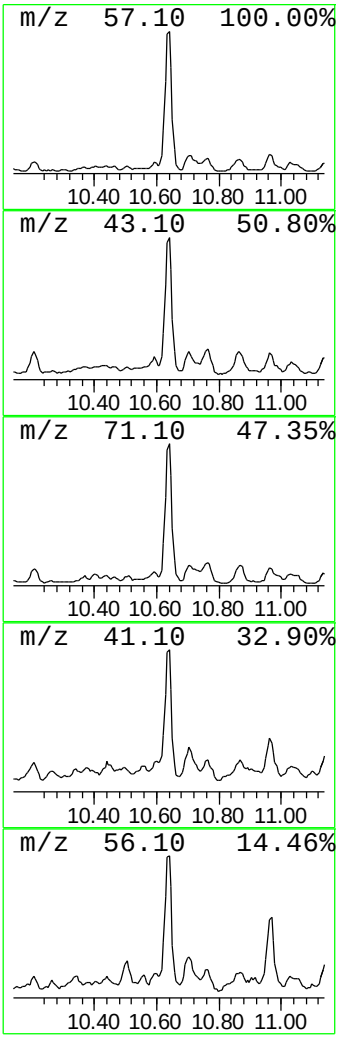
****

Peak Number 5 Undecane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	12.20 ng	1342480	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	94
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72





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Operator : JU/SJ
Sample : K1390-03
Misc :
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Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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

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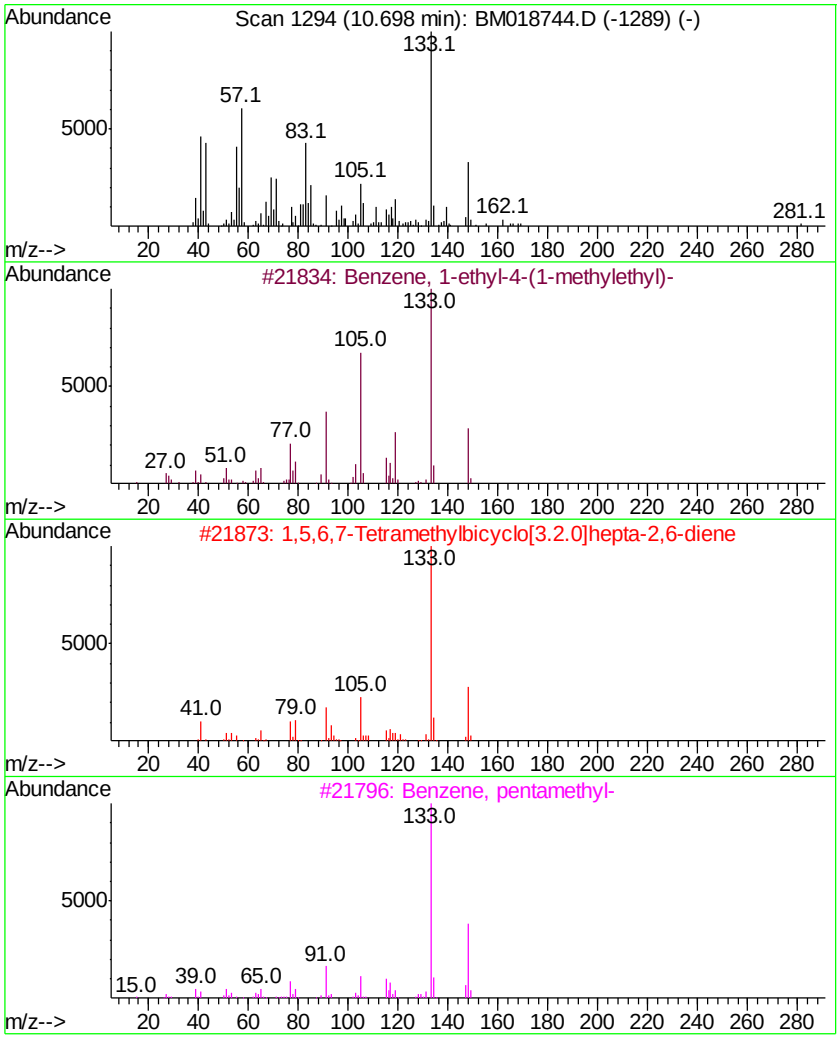
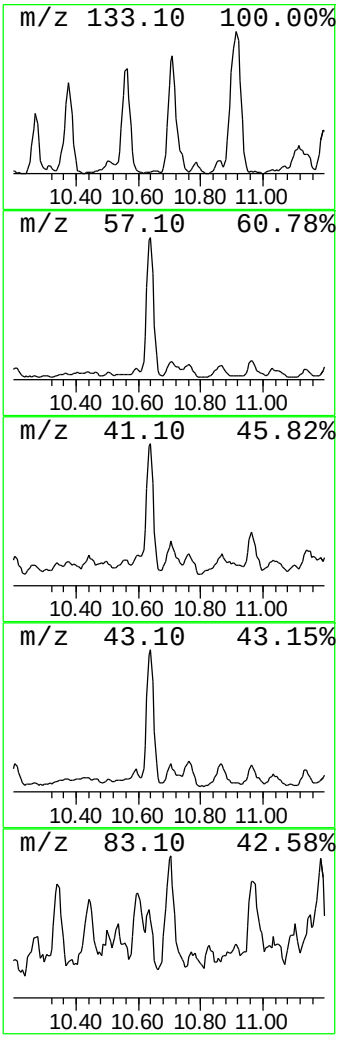
Peak Number 6 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	6.56 ng	722246	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	93
2	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	70
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	62
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	53





Library Search Compound Report

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Data File : BM018744.D
Acq On : 07 Feb 2019 19:05
Operator : JU/SJ
Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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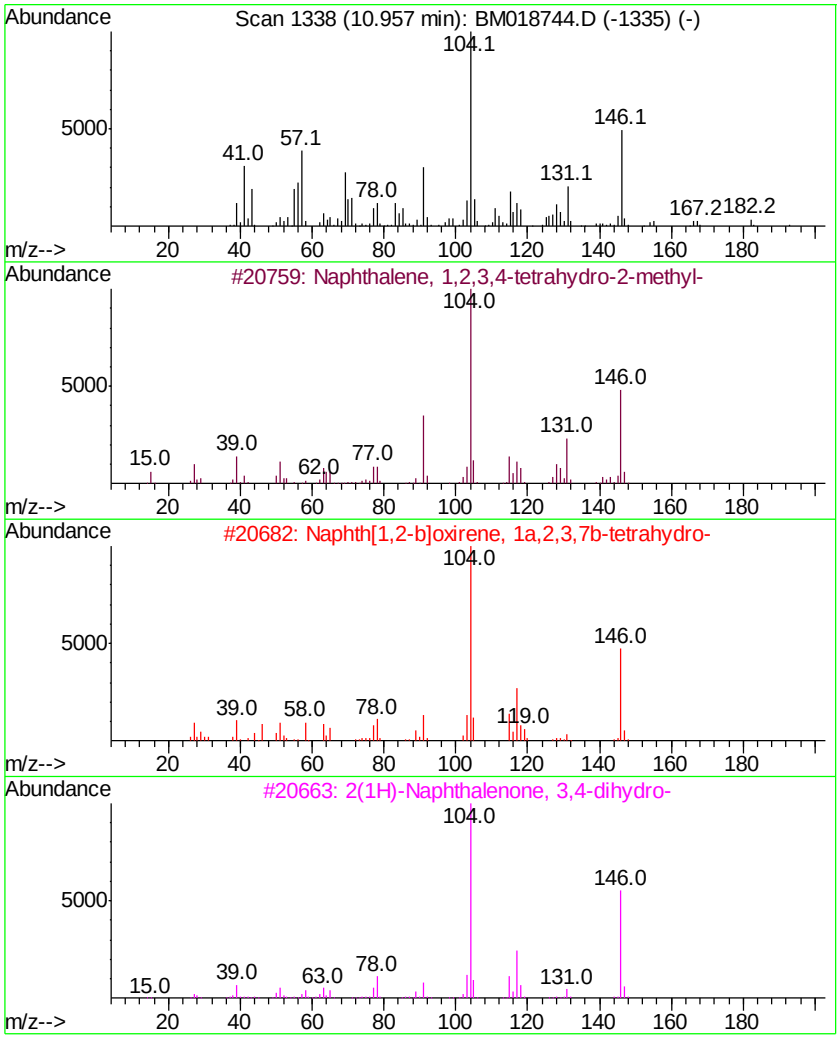
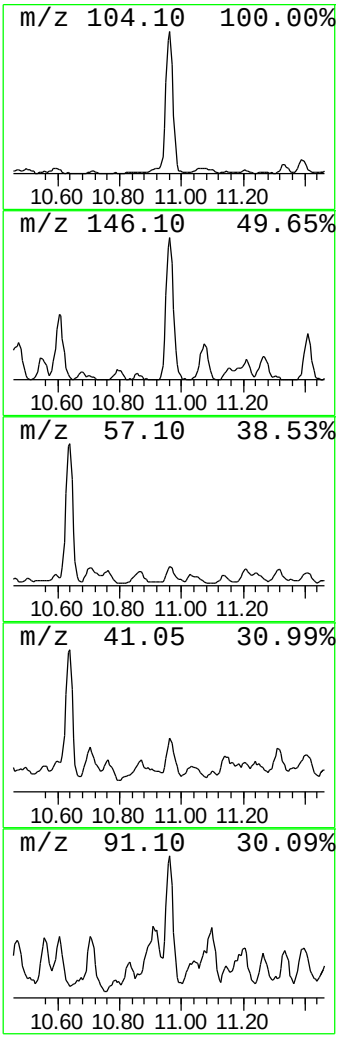
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	8.34 ng	917510	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	89
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	60
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	50
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	38





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Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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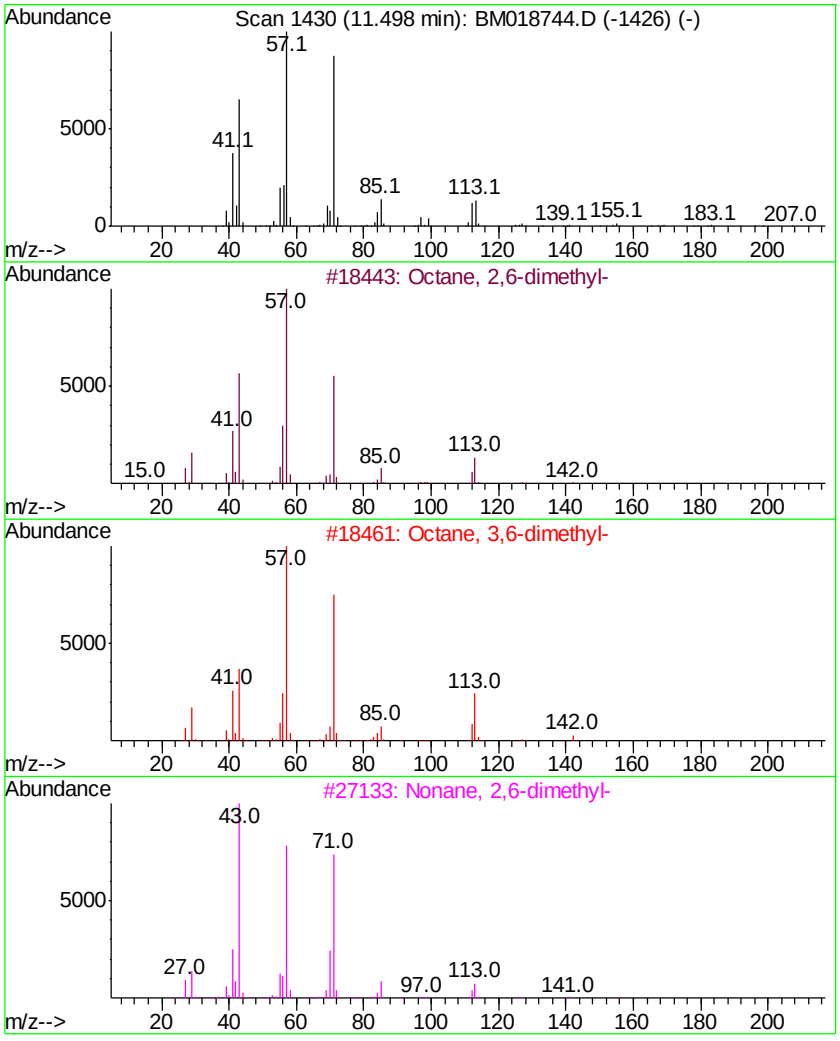
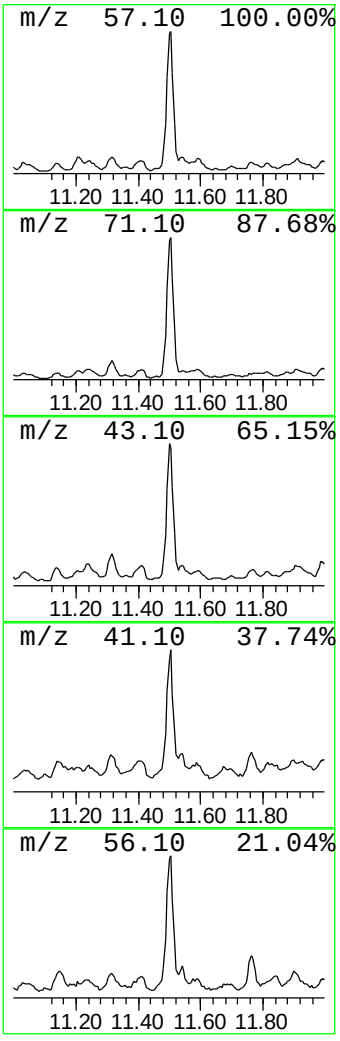
Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	13.94 ng	1533490	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72





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Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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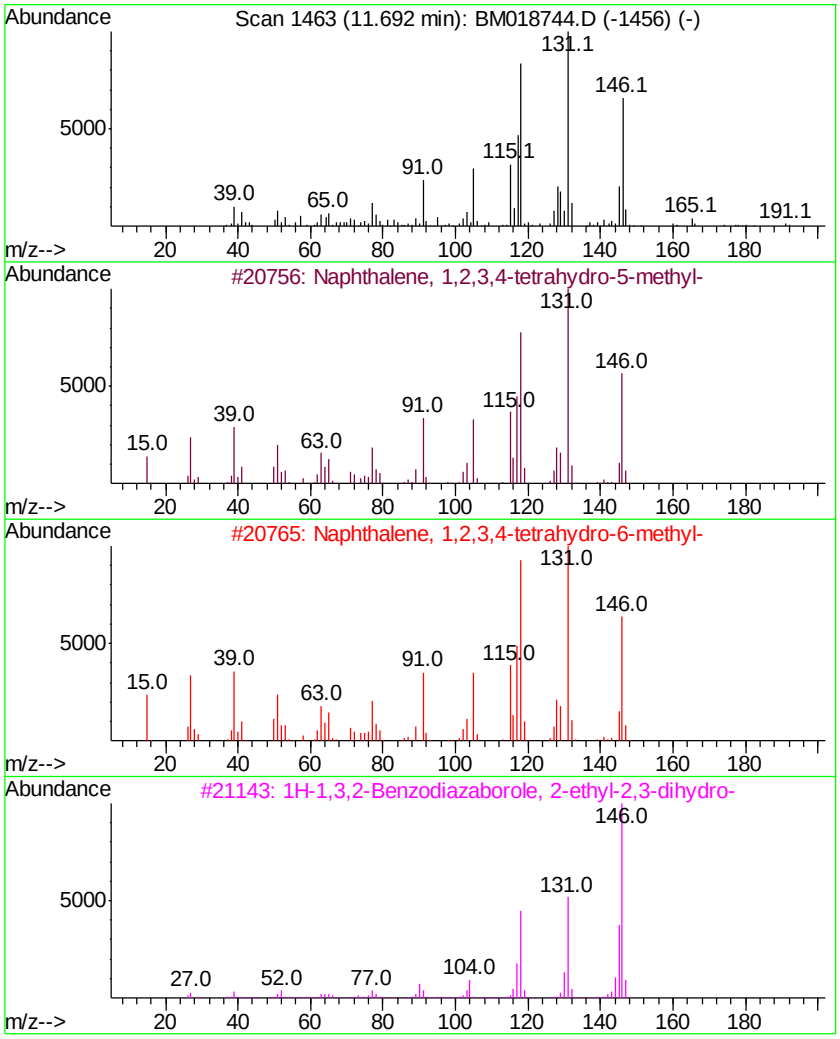
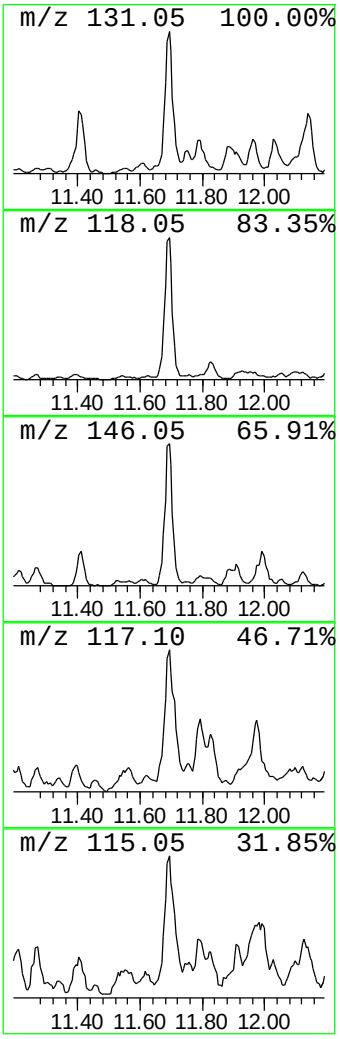
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	9.09 ng	1000200	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58





Library Search Compound Report

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Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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TIC Library : C:\DATABASE\NIST02.L
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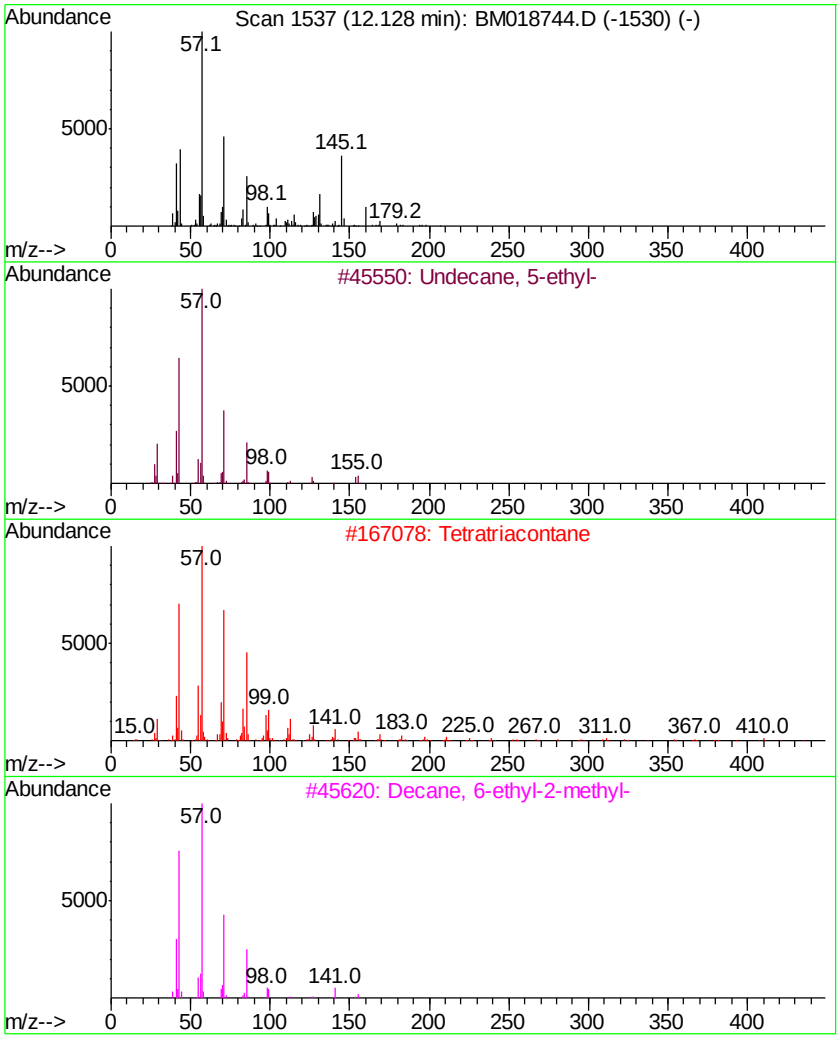
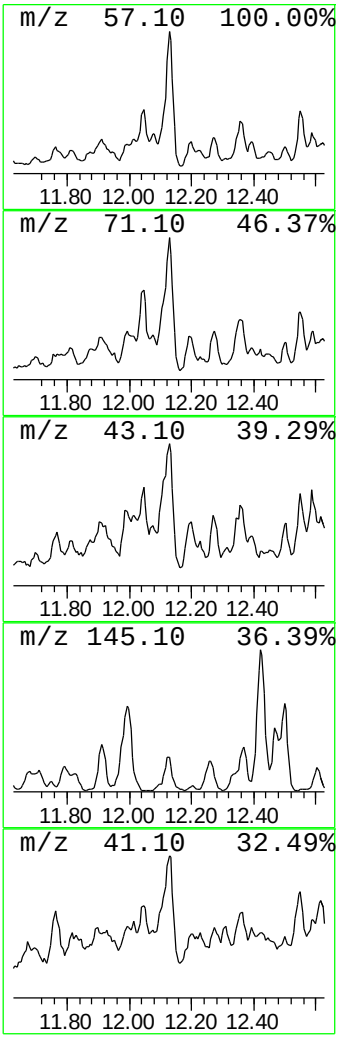
Peak Number 10 unknown12.13 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	11.28 ng	1240820	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
2	Tetratriacontane	479	C34H70	014167-59-0	43
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	43
5	Heptadecane	240	C17H36	000629-78-7	43





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Misc :
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Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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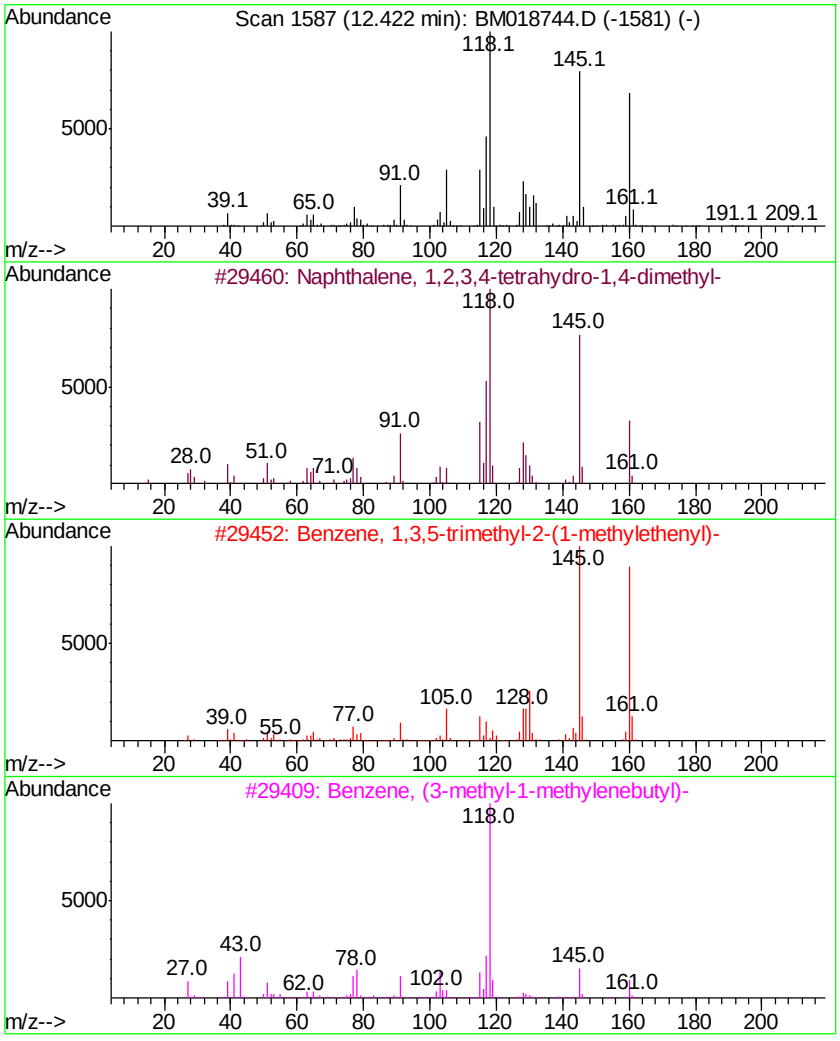
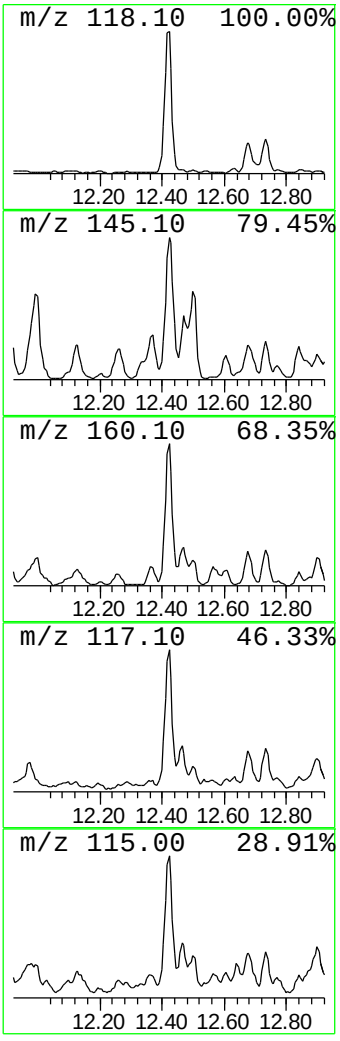
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	13.75 ng	1512500	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	95
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
3	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	55





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Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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

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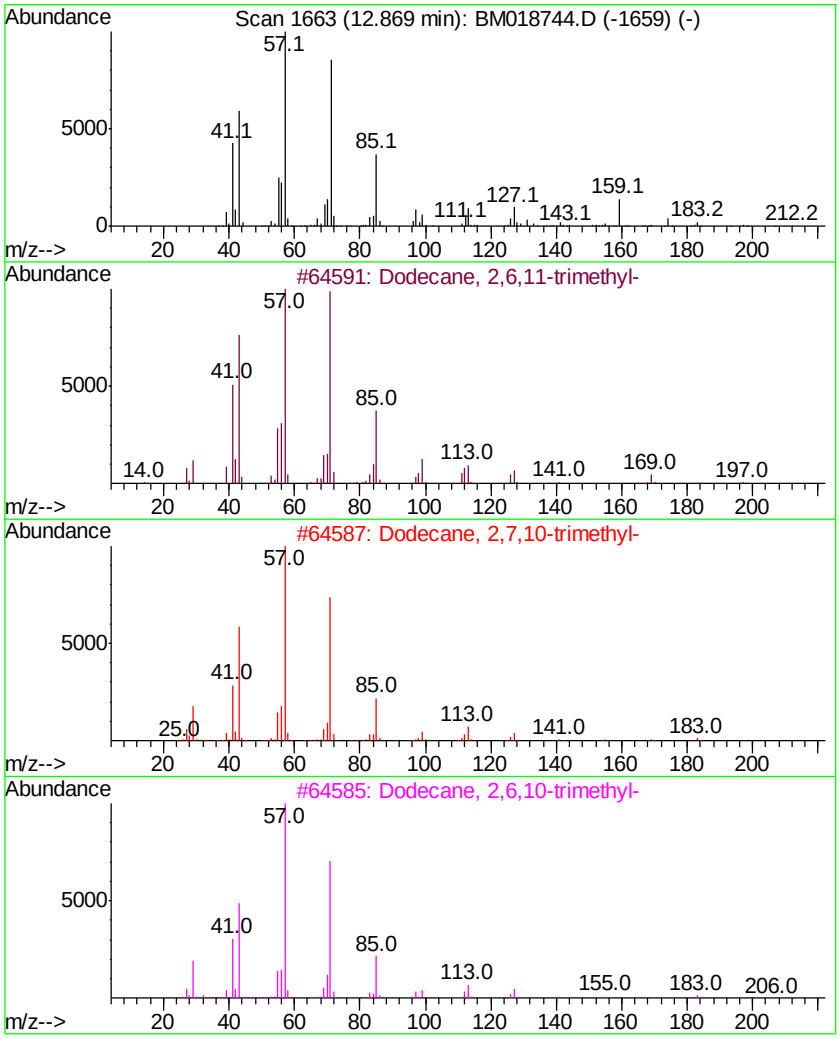
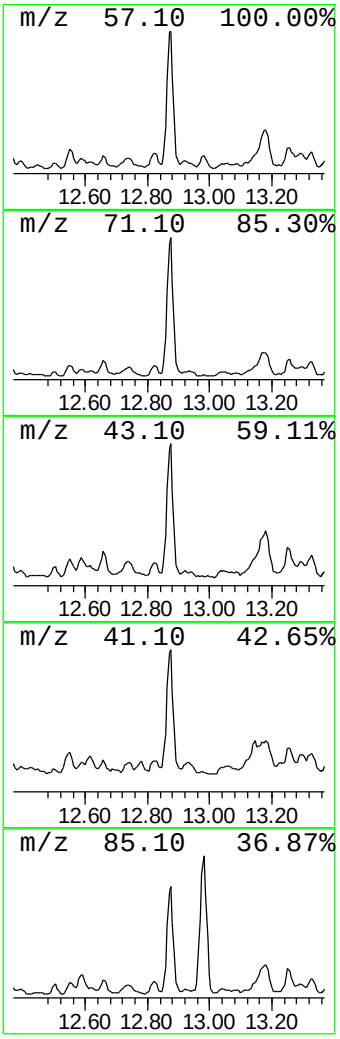
Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	15.42 ng	2040230	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	58





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Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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

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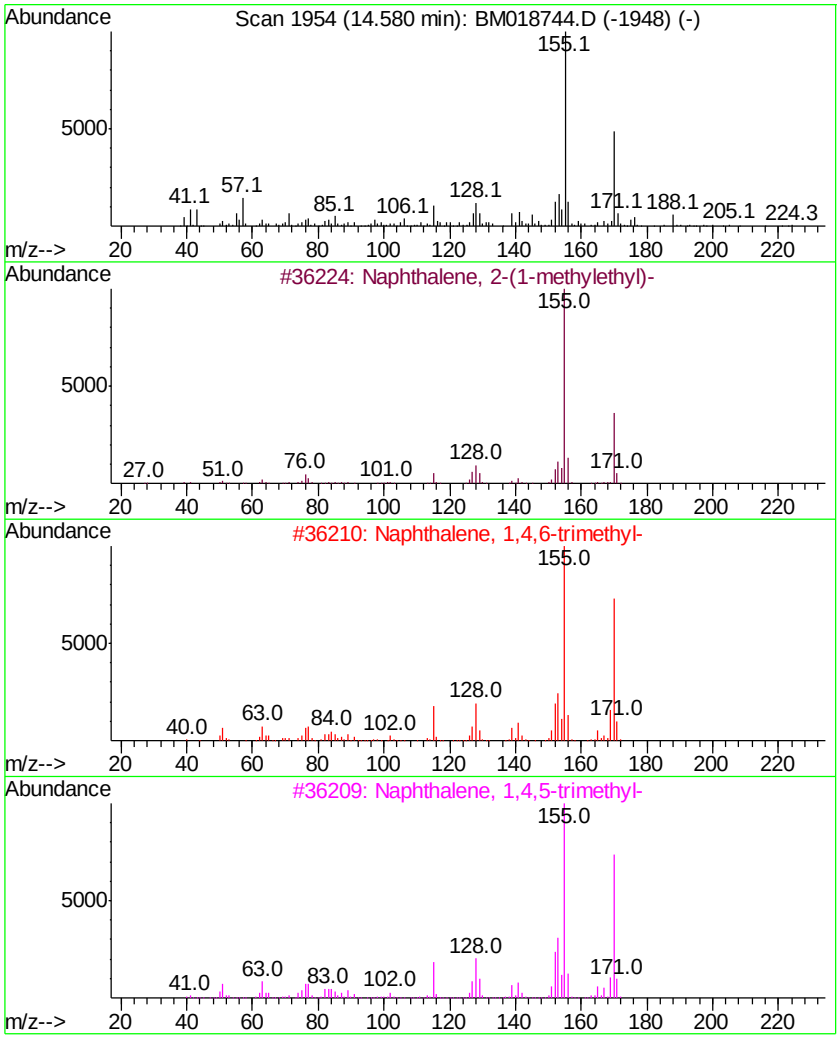
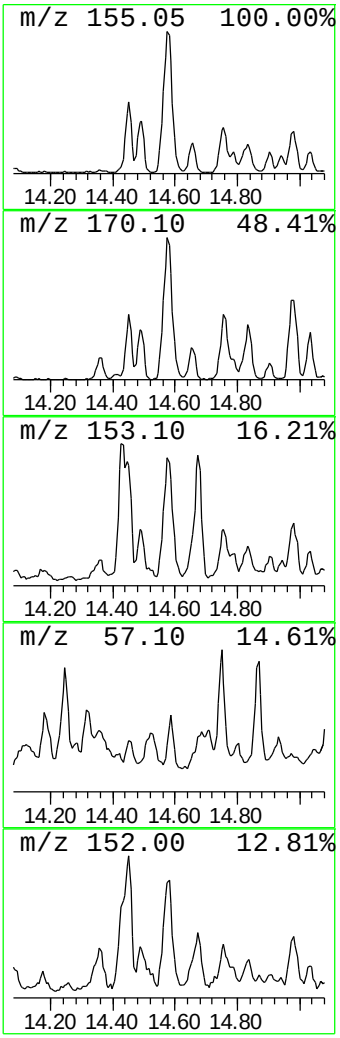
Peak Number 13 Naphthalene, 2-(1-methyleth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	9.16 ng	1211780	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5	1'-Acetonaphthone	170	C12H10O	000941-98-0	72





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Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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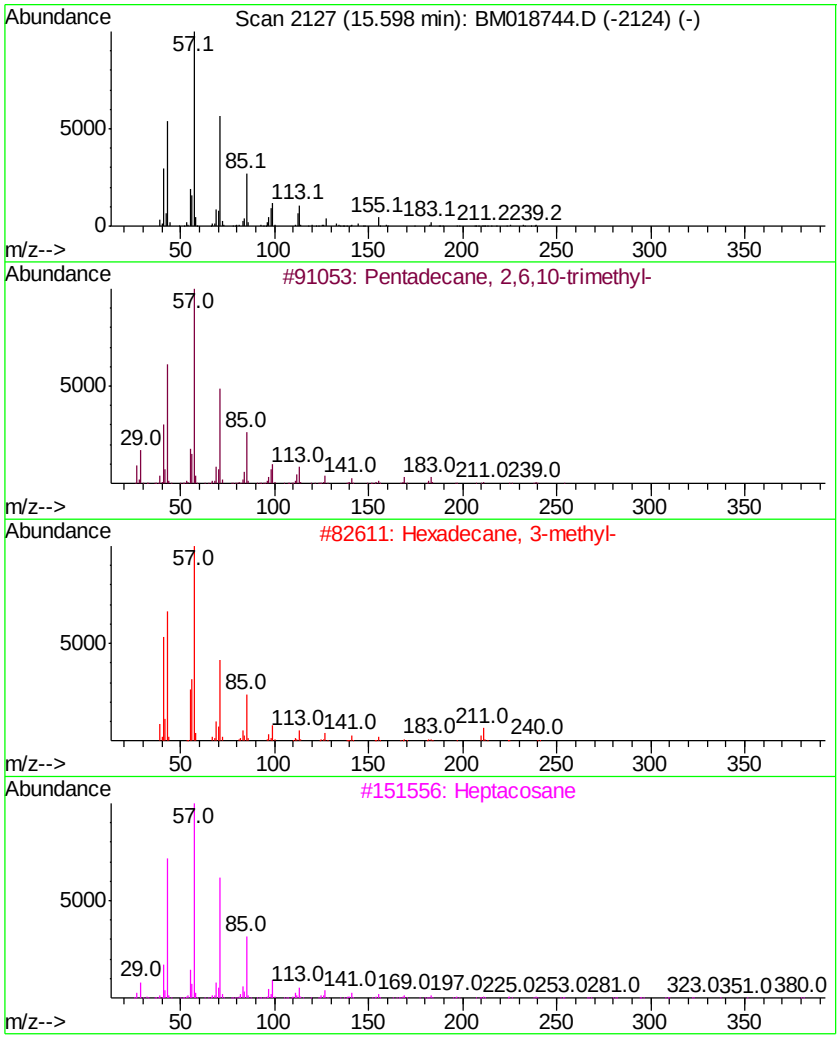
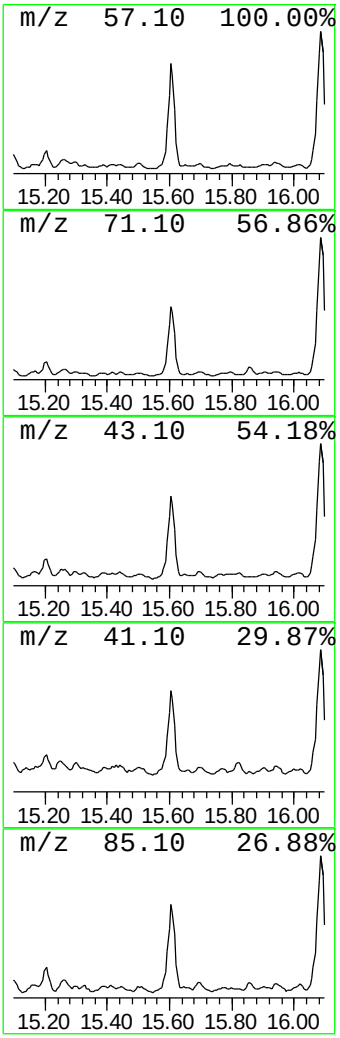
Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	17.59 ng	2327980	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	80
3	Heptacosane	380	C27H56	000593-49-7	72
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Sample : K1390-03
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Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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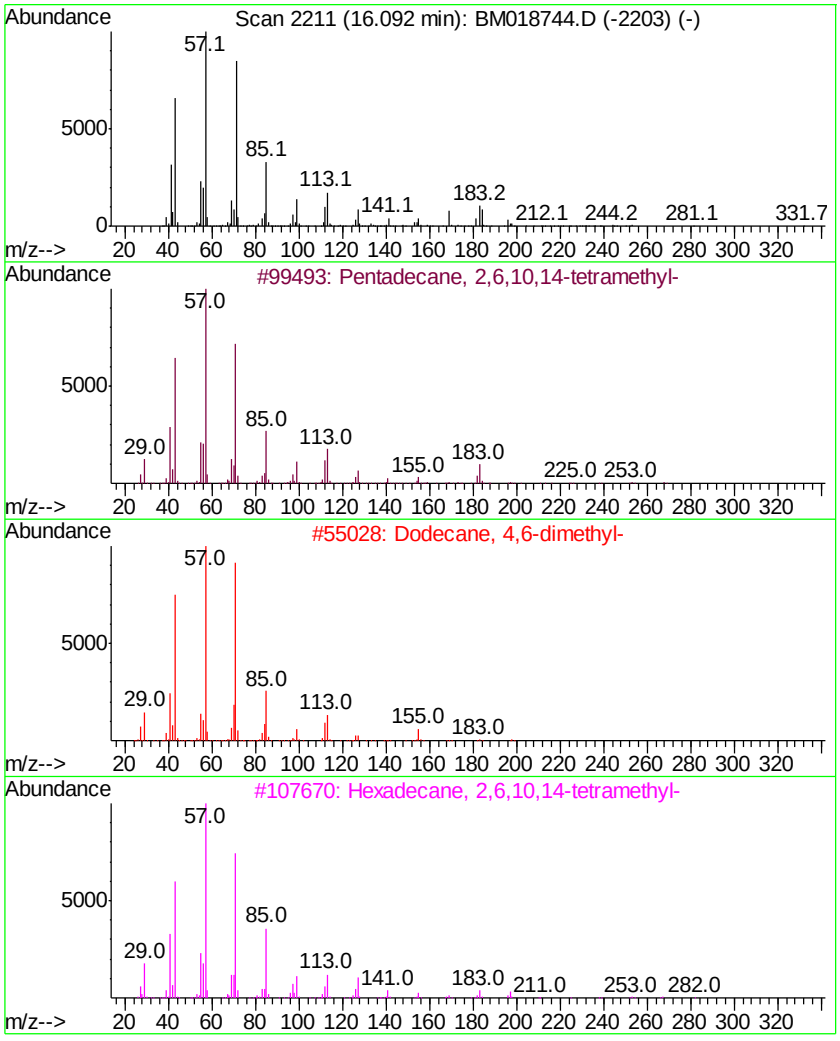
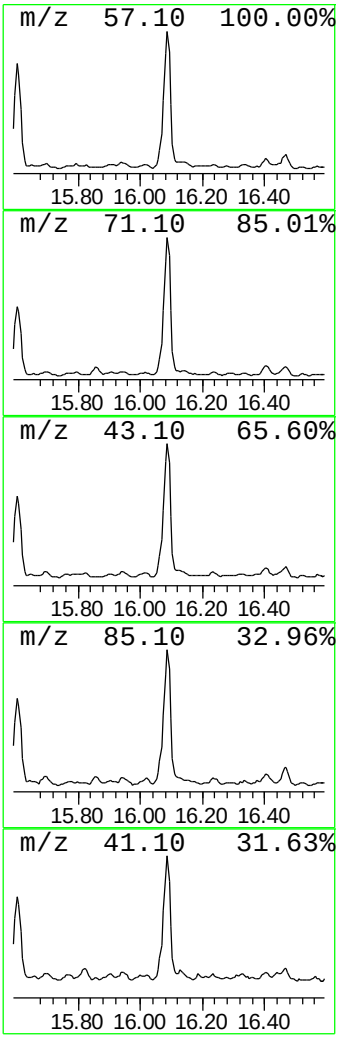
Peak Number 15 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	26.35 ng	3422860	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	90
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Heptacosane	380	C27H56	000593-49-7	72
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72





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ClientSampleId : SB-03(12-13)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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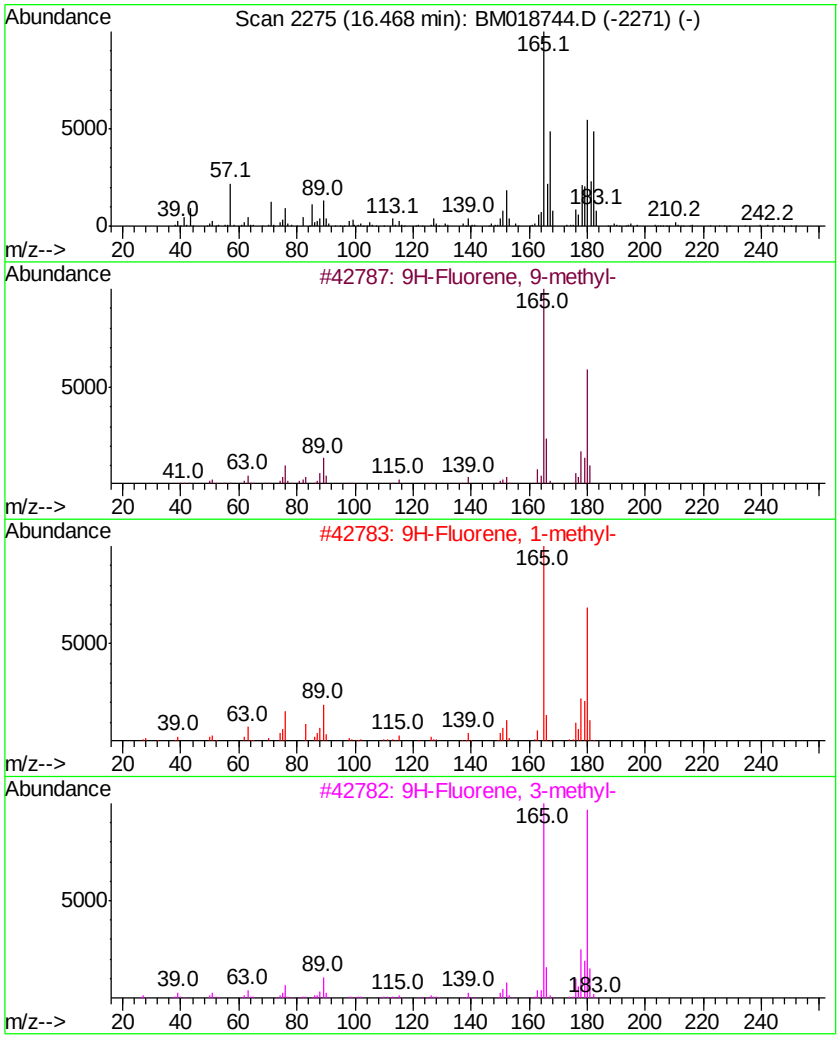
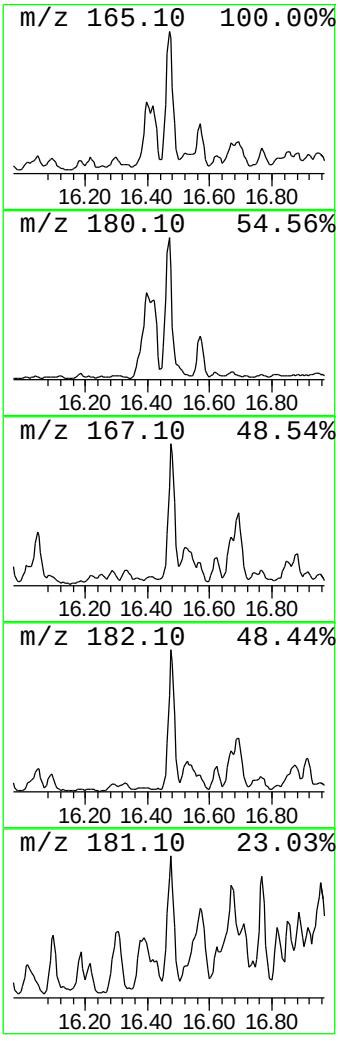
Peak Number 16 9H-Fluorene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	8.39 ng	1089660	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	55
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	46





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ClientSampleId : SB-03(12-13)

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TIC Library : C:\DATABASE\NIST02.L
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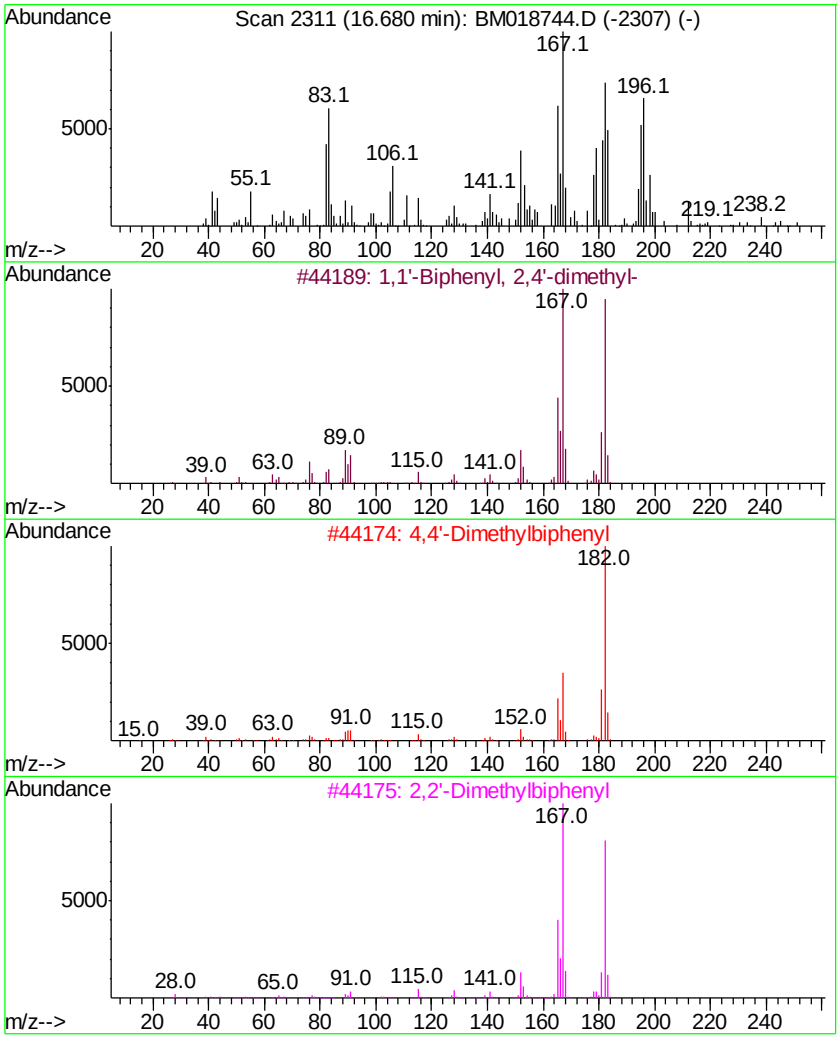
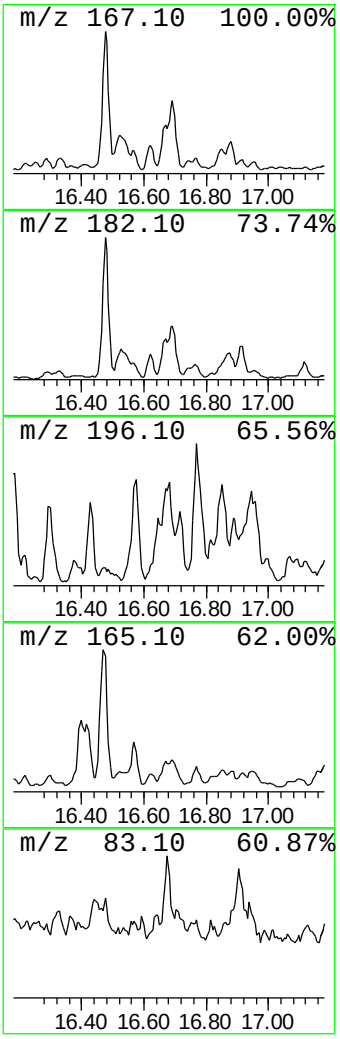
Peak Number 17 1,1'-Biphenyl, 2,4'-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	6.33 ng	821934	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	50
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	50
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	46
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	43
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018744.D
Acq On : 07 Feb 2019 19:05
Operator : JU/SJ
Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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

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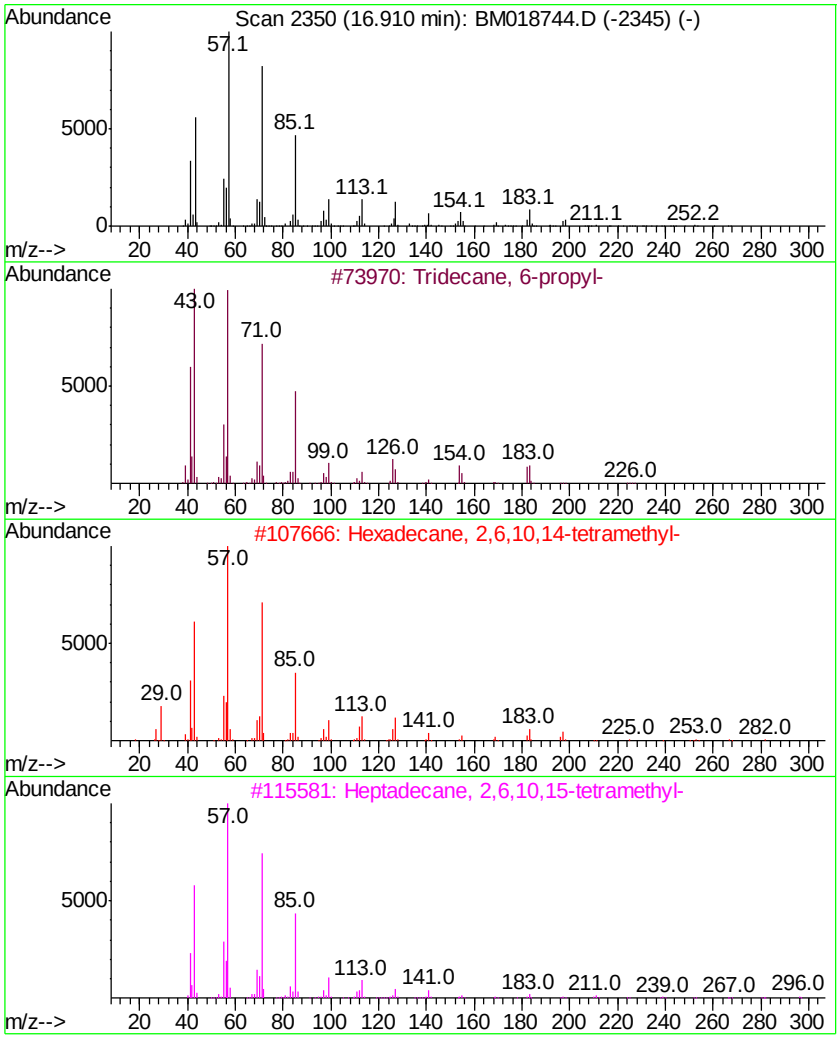
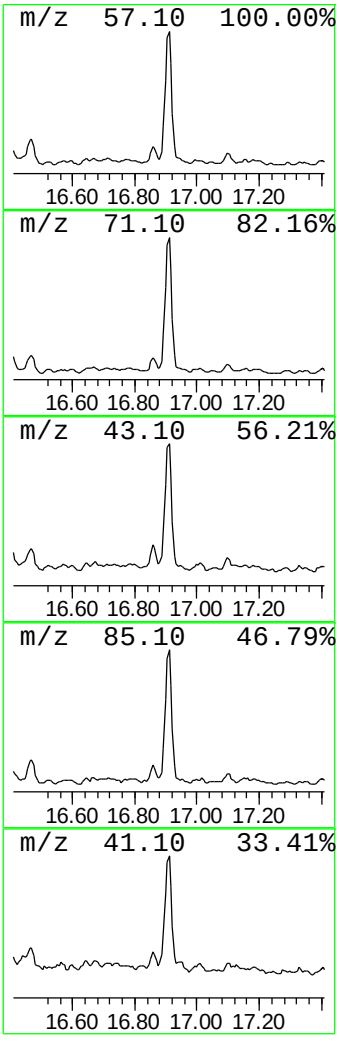
Peak Number 18 Tridecane, 6-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	13.08 ng	1699520	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Decane, 2-methyl-	156	C11H24	006975-98-0	87
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018744.D
Acq On : 07 Feb 2019 19:05
Operator : JU/SJ
Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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

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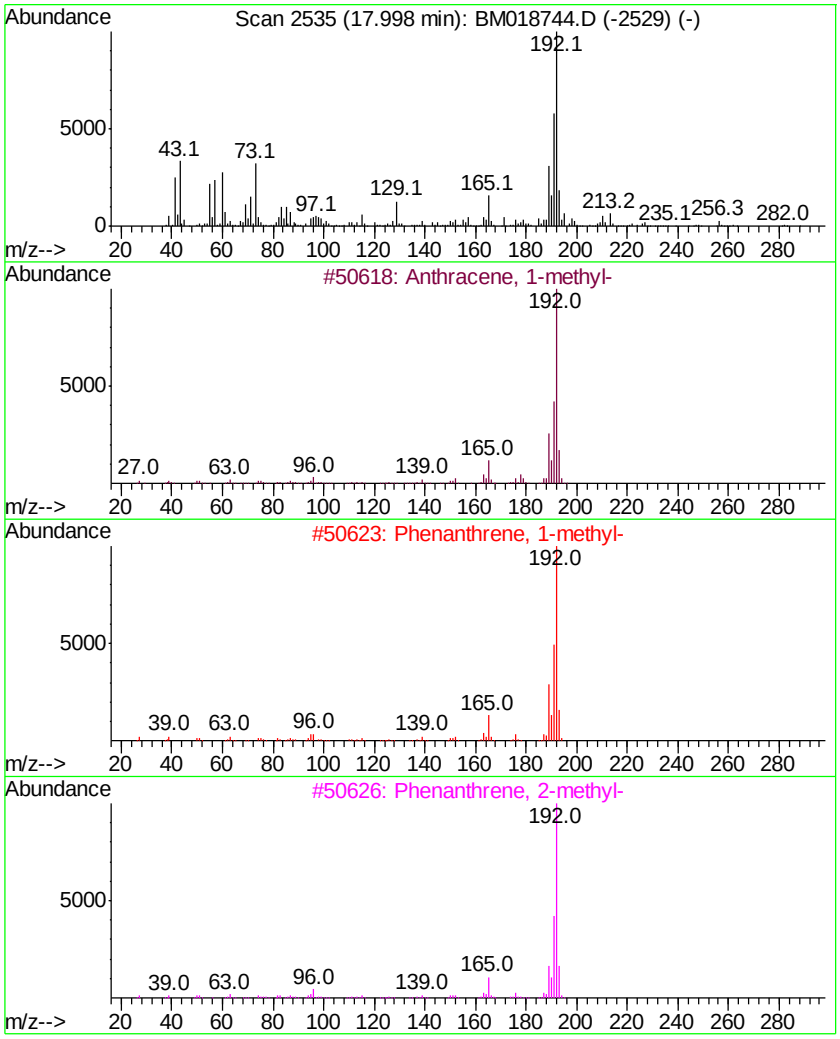
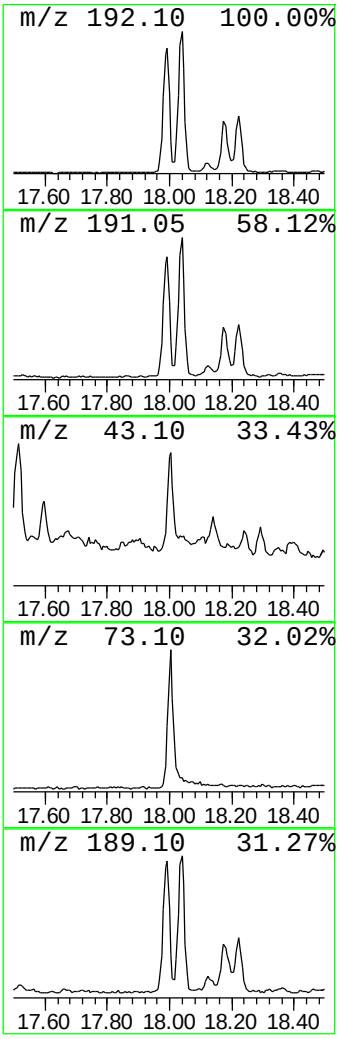
Peak Number 19 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	11.30 ng	1467240	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018744.D
Acq On : 07 Feb 2019 19:05
Operator : JU/SJ
Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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

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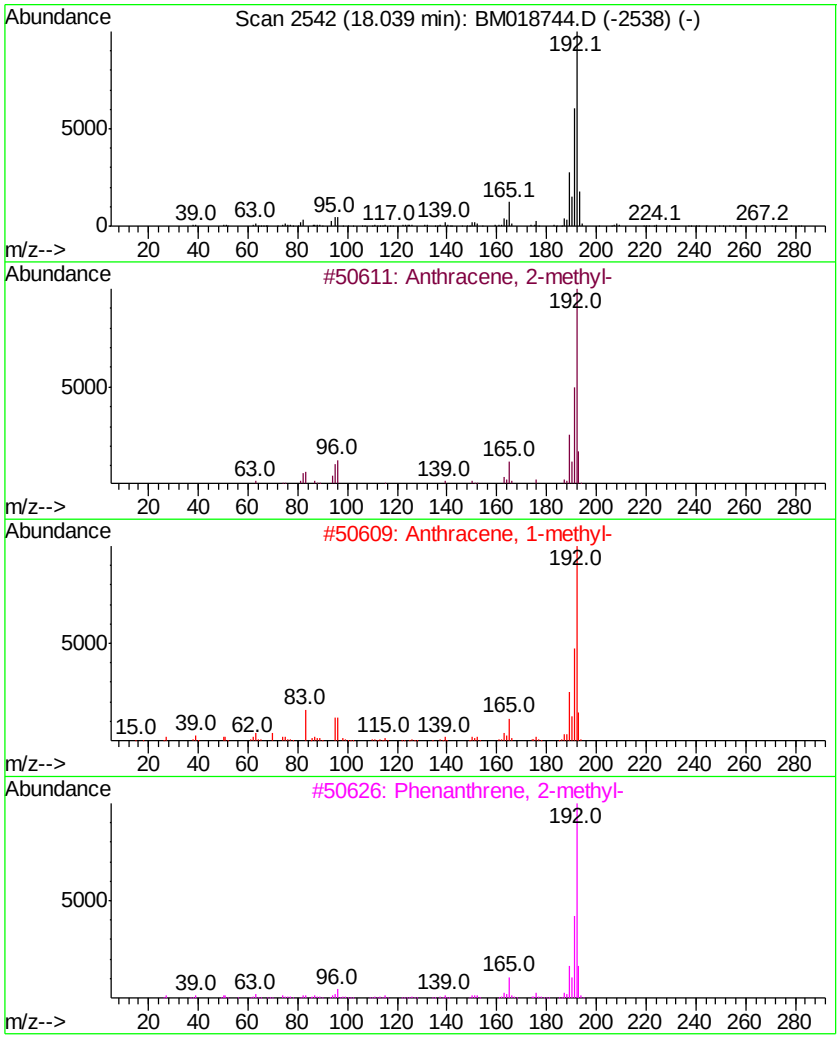
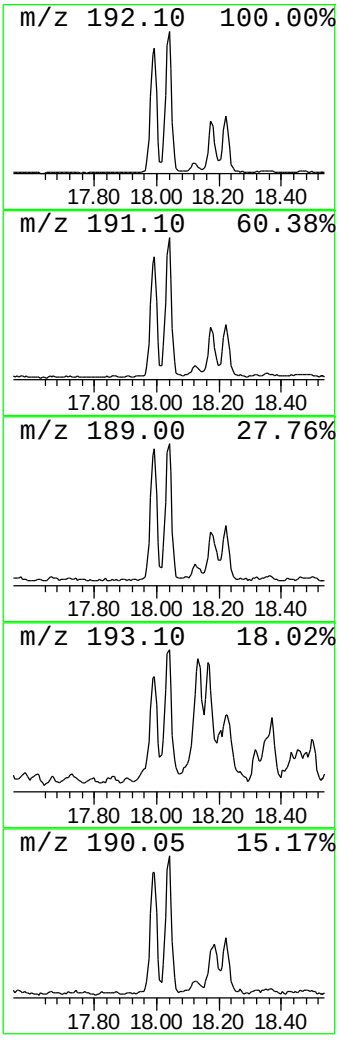
Peak Number 20 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	8.31 ng	1079720	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020719\
Data File : BM018744.D
Acq On : 07 Feb 2019 19:05
Operator : JU/SJ
Sample : K1390-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-03(12-13)

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	109.2	ng	7506750	1	7.72	1374670	20.0
unknown8.79	8.79	6.2	ng	428474	1	7.72	1374670	20.0
Spiro[4.4]nona-1,...	9.04	7.2	ng	497371	1	7.72	1374670	20.0
Undecane, 3,6-dim...	10.64	12.2	ng	1342480	2	10.50	2200530	20.0
Benzene, 1-ethyl-...	10.70	6.6	ng	722246	2	10.50	2200530	20.0
Naphthalene, 1,2,...	10.96	8.3	ng	917510	2	10.50	2200530	20.0
Octane, 2,6-dimet...	11.50	13.9	ng	1533490	2	10.50	2200530	20.0
Naphthalene, 1,2,...	11.69	9.1	ng	1000200	2	10.50	2200530	20.0
unknown12.13	12.13	11.3	ng	1240820	2	10.50	2200530	20.0
Naphthalene, 1,2,...	12.42	13.8	ng	1512500	2	10.50	2200530	20.0
Dodecane, 2,6,11-...	12.87	15.4	ng	2040230	3	14.36	2646800	20.0
Naphthalene, 2-(1...	14.58	9.2	ng	1211780	3	14.36	2646800	20.0
Pentadecane, 2,6,...	15.60	17.6	ng	2327980	3	14.36	2646800	20.0
Pentadecane, 2,6,...	16.09	26.4	ng	3422860	4	17.12	2597880	20.0
9H-Fluorene, 9-me...	16.47	8.4	ng	1089660	4	17.12	2597880	20.0
1,1'-Biphenyl, 2,...	16.68	6.3	ng	821934	4	17.12	2597880	20.0
Tridecane, 6-propyl-	16.91	13.1	ng	1699520	4	17.12	2597880	20.0
Anthracene, 1-met...	18.00	11.3	ng	1467240	4	17.12	2597880	20.0
Anthracene, 2-met...	18.04	8.3	ng	1079720	4	17.12	2597880	20.0