LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033276.D
Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

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-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033276.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.566	545	549	562	rVV4	1214304	3311574	5.35%	0.266%
2	6.919	604	609	614	rVV2	2070666	3388735	5.48%	0.272%
3	7.084	630	637	645	rVV4	2211394	5385843	8.70%	0.433%
4	7.843	756	766	771	rBV6	1143130	3369762	5.44%	0.271%
5	7.901	771	776	785	rVB2	4163780	6766344	10.93%	0.544%
6	8.213	826	829	836	rVB2	2206479	3732571	6.03%	0.300%
7	8.454	860	870	873	rBV3	2560036	5985409	9.67%	0.481%
8	8.578	885	891	903	rBV6	2897243	7656620	12.37%	0.616%
9	8.690	903	910	914	rBV	1989402	3628576	5.86%	0.292%
10	8.766	919	923	928	rBV2	1730354	2936381	4.74%	0.236%
11	9.037	958	969	975	rBV2	5559733	13127474	21.21%	1.055%
12	9.125	975	984	986	rVV3	3400679	9046811	14.62%	0.727%
13	9.154	986	989	993	rVV	4359662	6820153	11.02%	0.548%
14	9.248	1000	1005	1006	rBV	2291610	3470545	5.61%	0.279%
15	9.284	1007	1011	1020	rVV7	2797116	6096389	9.85%	0.490%
16	9.407	1020	1032	1040	rVV6	2942190	9999696	16.16%	0.804%
17	9.566	1054	1059	1064	rBV2	4654318	8828327	14.26%	0.710%
18	9.619	1064	1068	1071	rVV2	1993288	3373703	5.45%	0.271%
19	9.654	1071	1074	1078	rVB	2209037	3084158	4.98%	0.248%
20	9.813	1093	1101	1105	rBV3	3265566	7381948	11.93%	0.593%
21	9.860	1105	1109	1113	rVV2	4623289	7177946	11.60%	0.577%
22	9.919	1113	1119	1126	rVV5	4666693	10226881	16.52%	0.822%
23	9.984	1126	1130	1139	rVB2	4055578	10282266	16.61%	0.827%
24	10.078	1139	1146	1151	rBV4	3063274	5626909	9.09%	0.452%
25	10.142	1151	1157	1163	rBV4	5384352	13472856	21.77%	1.083%
26	10.313	1181	1186	1193	rVB7	2582516	5269951	8.51%	0.424%
27	10.437	1202	1207	1215	rBV3	2905982	7370334	11.91%	0.592%
28	10.631	1230	1240	1247	rVV7	3717960	13693418	22.13%	1.101%
29	10.707	1247	1253	1260	rVV6	7739306	22096897	35.70%	1.776%
30	10.789	1263	1267	1273	rVV6	4946588	12826150	20.72%	1.031%
31	10.854	1273	1278	1280	rVV2	4855643	8720166	14.09%	0.701%
32	10.901	1280	1286	1290	rVV	13921997	25959174	41.94%	2.087%
33	10.954	1291	1295	1302	rVV3	4234494	7562172	12.22%	0.608%
34	11.113	1318	1322	1326	rBV5	1592623	3254097	5.26%	0.262%
35	11.225	1337	1341	1347	rVB5	3115337	6043937	9.77%	0.486%
36	11.289	1348	1352	1359	rBV6	1496043	3505369	5.66%	0.282%

LSC Area Percent Report

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Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

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-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.401	1366	1371	1373	rBV2	3798898	6245449	10.09%	0.502%
38	11.442	1373	1378	1385	rVB7	7101704	14633934	23.64%	1.176%
39	11.507	1385	1389	1395	rVB2	2912236	5500023	8.89%	0.442%
40	11.572	1395	1400	1407	rVB6	4441690	8412776	13.59%	0.676%
41	11.654	1408	1414	1421	rVB3	7422361	16129823	26.06%	1.297%
42	11.772	1427	1434	1438	rBV	17566920	34685502	56.04%	2.788%
43	11.848	1443	1447	1453	rVB2	6350144	12070901	19.50%	0.970%
44	11.936	1458	1462	1469	rVV5	3084339	6783769	10.96%	0.545%
45	12.154	1491	1499	1503	rBV3	5457408	13689695	22.12%	1.100%
46	12.378	1534	1537	1540	rBV2	4548949	8701099	14.06%	0.699%
47	12.419	1540	1544	1550	rVB	16871245	28701674	46.37%	2.307%
48	12.631	1572	1580	1587	rVB	12601224	26444230	42.73%	2.126%
49	12.789	1603	1607	1610	rBV4	3594314	5007697	8.09%	0.403%
50	12.854	1611	1618	1624	rVV6	6241261	14795473	23.91%	1.189%
51	13.119	1657	1663	1668	rVB	17857517	32681004	52.80%	2.627%
52	13.189	1668	1675	1680	rVB4	3891483	9074789	14.66%	0.730%
53	13.383	1701	1708	1711	rBV4	4504219	12285838	19.85%	0.988%
54	13.501	1724	1728	1736	rVB3	4209529	10966307	17.72%	0.882%
55	13.572	1737	1740	1743	rVB4	2920392	3315243	5.36%	0.267%
56	13.613	1743	1747	1750	rBV	6193063	9922815	16.03%	0.798%
57	13.772	1763	1774	1782	rVB2	15683365	51613255	83.39%	4.149%
58	13.919	1792	1799	1804	rBV	16432555	37160170	60.04%	2.987%
59	13.972	1804	1808	1812	rVB	14045968	21728505	35.11%	1.747%
60	14.013	1812	1815	1818	rBV	10690560	13440861	21.72%	1.080%
61	14.066	1818	1824	1828	rVB2	20525110	36682005	59.27%	2.949%
62	14.107	1828	1831	1833	rBV2	3404056	5074494	8.20%	0.408%
63	14.148	1835	1838	1841	rVB	6635663	7960509	12.86%	0.640%
64	14.225	1848	1851	1855	rBV4	2737163	4183367	6.76%	0.336%
65	14.313	1862	1866	1874	rBV5	6977538	14544396	23.50%	1.169%
66	14.413	1879	1883	1888	rVB	12445312	20326196	32.84%	1.634%
67	14.548	1901	1906	1909	rBV3	10131194	18064001	29.19%	1.452%
68	14.630	1917	1920	1923	rBV2	3439939	5043711	8.15%	0.405%
69	14.801	1943	1949	1956	rVB	12681963	32804063	53.00%	2.637%
70	14.872	1958	1961	1964	rBV2	4138306	6435486	10.40%	0.517%
71	14.983	1974	1980	1985	rVB3	14760399	28641084	46.28%	2.302%
72	15.066	1989	1994	1997	rBV	12173897	18588245	30.03%	1.494%
73	15.201	2012	2017	2022	rBV	12297275	23924352	38.66%	1.923%
74	15.254	2022	2026	2030	rVV	11639923	17603960	28.44%	1.415%
75	15.301	2030	2034	2039	rVV3	4019421	7387829	11.94%	0.594%
76	15.372	2039	2046	2049	rVV3	10274715	22360359	36.13%	1.798%

LSC Area Percent Report

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Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

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
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.401	2049	2051	2058	rVB2	8334745	10847093	17.53%	0.872%
78	15.466	2059	2062	2067	rVV4	3233084	5875984	9.49%	0.472%
79	15.619	2085	2088	2092	rVB2	4194380	5008738	8.09%	0.403%
80	15.824	2119	2123	2130	rVB2	17891447	33073271	53.44%	2.659%
81	16.030	2155	2158	2162	rVB2	5257673	6124777	9.90%	0.492%
82	16.066	2162	2164	2168	rBV	4169517	4960313	8.01%	0.399%
83	16.307	2198	2205	2217	rVB2	24285095	61890938	100.00%	4.975%
84	16.613	2253	2257	2262	rVB5	4551665	8071758	13.04%	0.649%
85	16.683	2264	2269	2273	rVB4	7955778	14636094	23.65%	1.177%
86	16.877	2299	2302	2305	rBV2	3562667	4875068	7.88%	0.392%
87	17.118	2338	2343	2354	rVB2	17512827	37866845	61.18%	3.044%
88	17.301	2371	2374	2379	rBV2	2989490	5677307	9.17%	0.456%
89	17.360	2380	2384	2390	rVV	5631105	9407814	15.20%	0.756%
90	17.713	2440	2444	2449	rBV3	7270194	10778465	17.42%	0.866%
91	18.189	2520	2525	2529	rBV	6606839	11060488	17.87%	0.889%
92	18.236	2529	2533	2538	rVB	7902975	12040719	19.45%	0.968%
93	18.371	2552	2556	2561	rVV3	3835047	6821528	11.02%	0.548%
94	18.418	2561	2564	2571	rVB2	3804224	6595094	10.66%	0.530%
95	18.924	2646	2650	2655	rVB2	3701170	5678287	9.17%	0.456%
96	18.971	2655	2658	2662	rBV	3127395	3503751	5.66%	0.282%
97	19.095	2674	2679	2683	rBV	6182634	9349808	15.11%	0.752%
98	19.724	2782	2786	2791	rVV2	2209833	3456680	5.59%	0.278%
99	19.783	2792	2796	2802	rVB	2364693	4081807	6.60%	0.328%
100	19.907	2813	2817	2821	rVB	6664610	8186851	13.23%	0.658%

Sum of corrected areas: 1243963909

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
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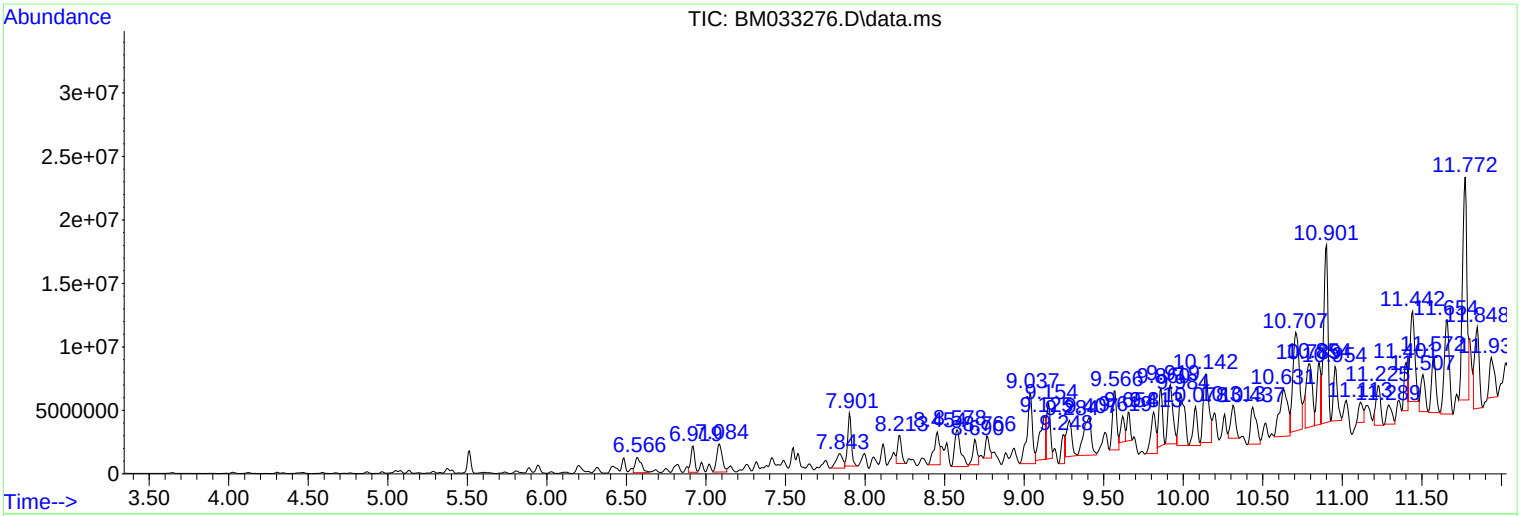
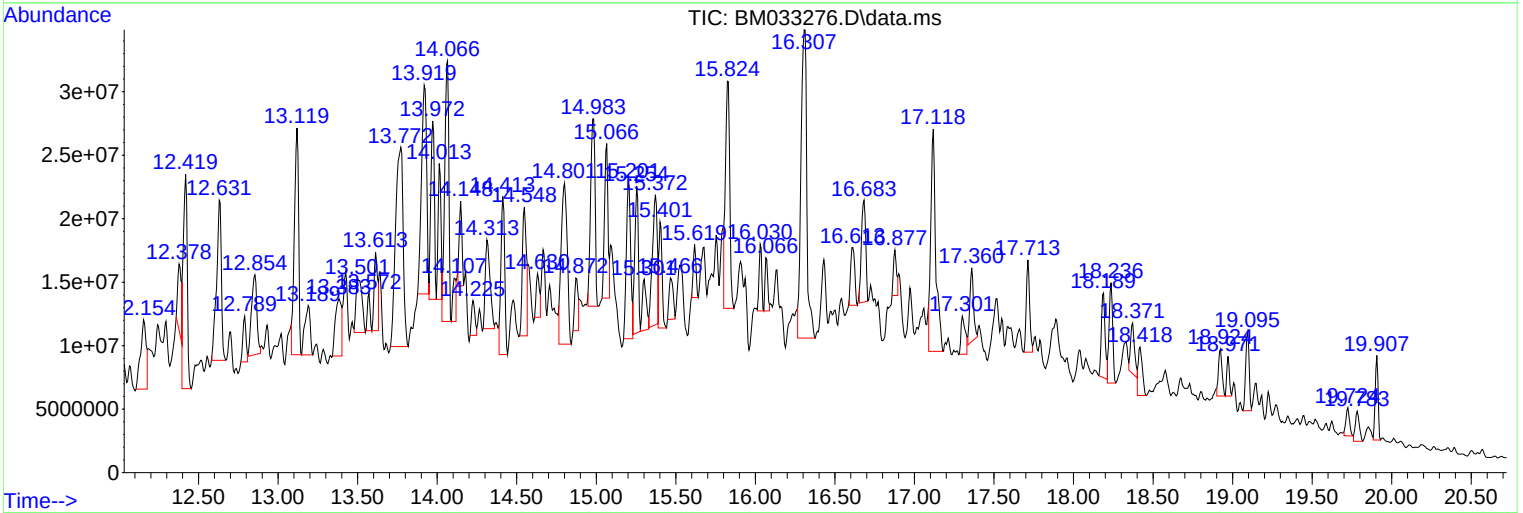
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

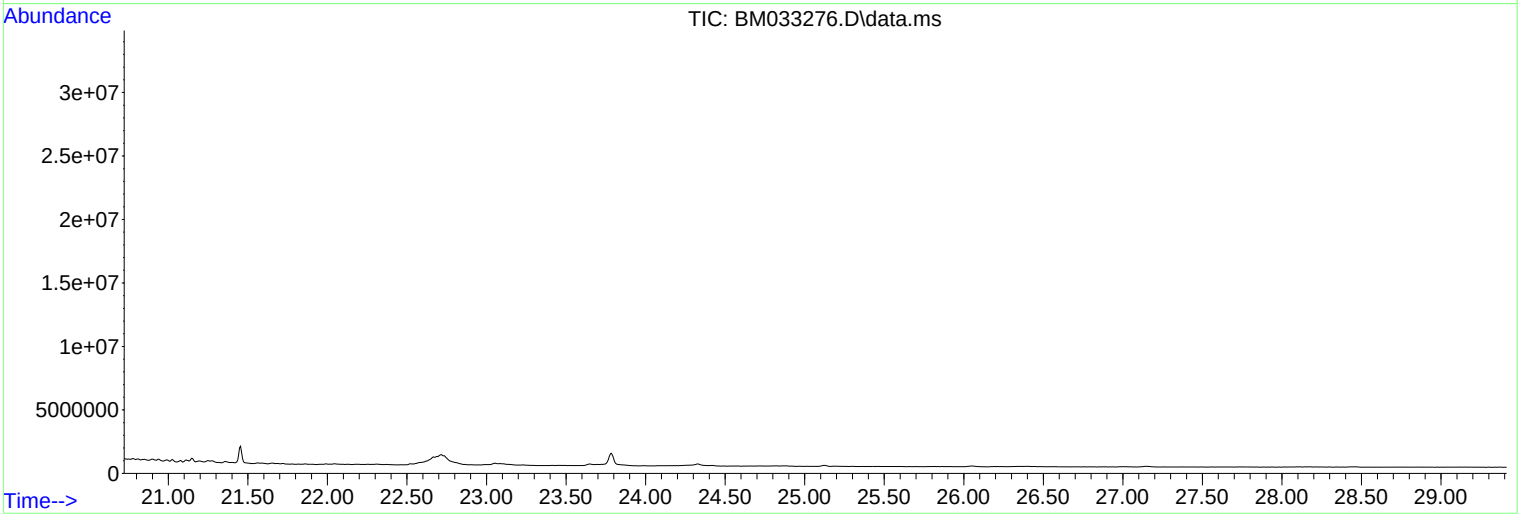
Instrument :
BNA_M
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033276.D
Acq On : 26 Nov 2021 21:52
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Sample : M4815-02
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

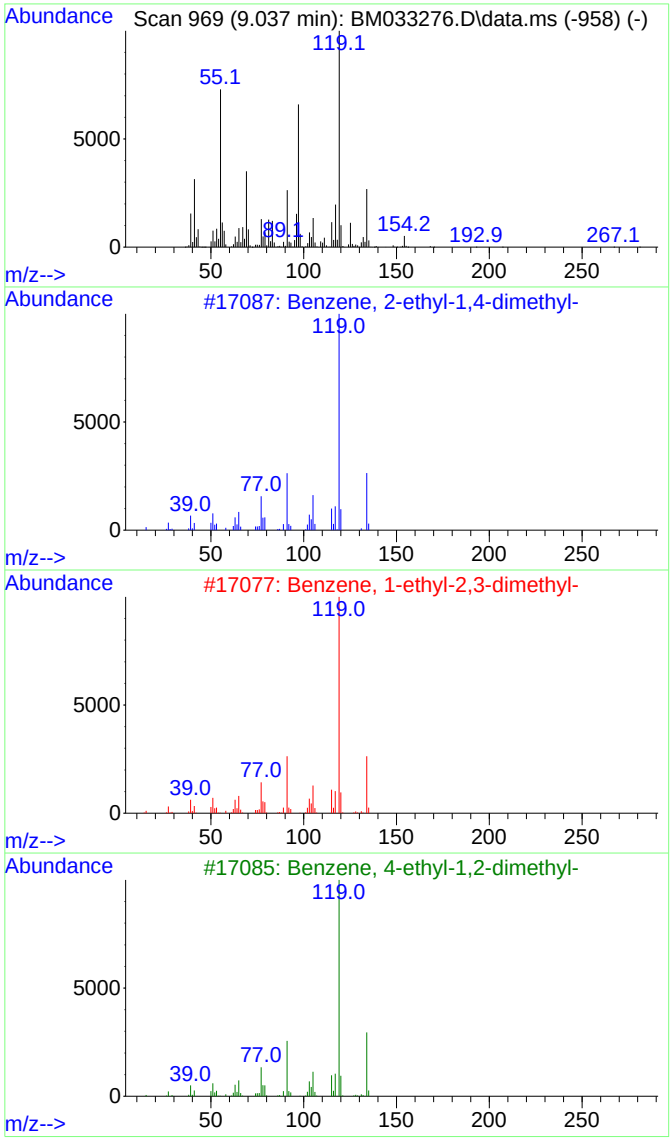
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

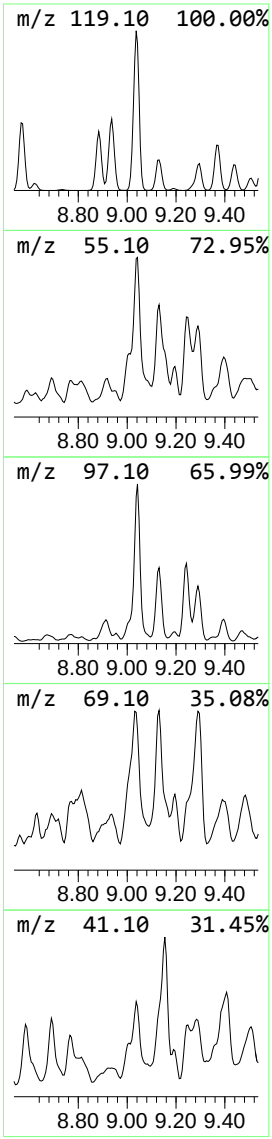
****

Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.037	38.80 ng	13127500	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	p-Cymene	134	C10H14	000099-87-6	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





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Data File : BM033276.D
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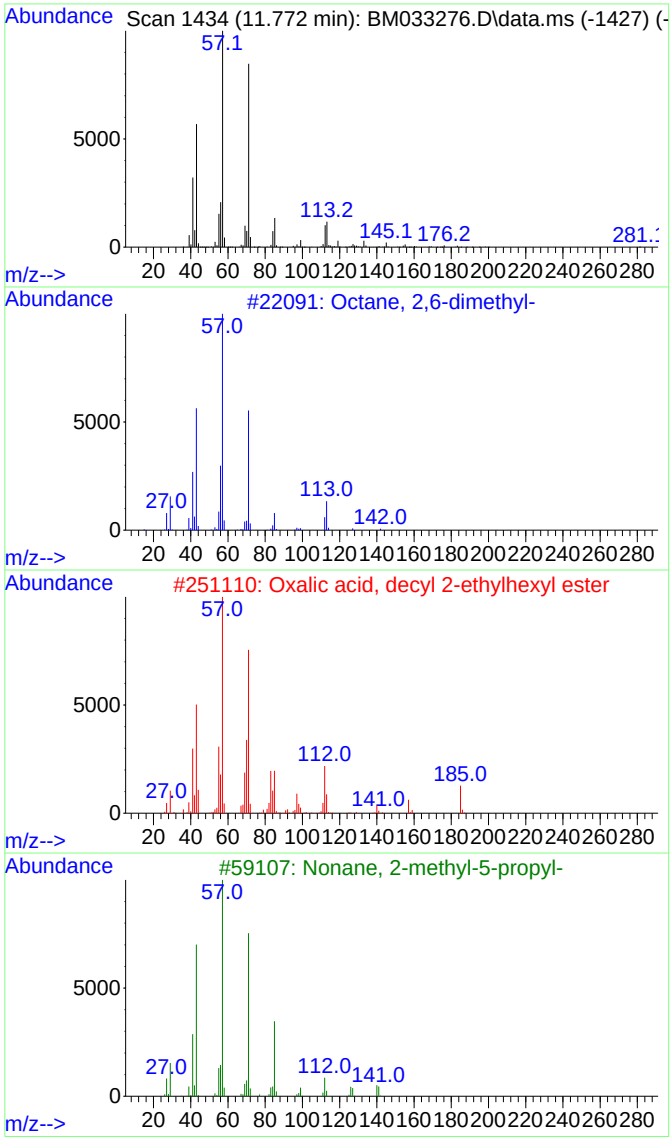
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

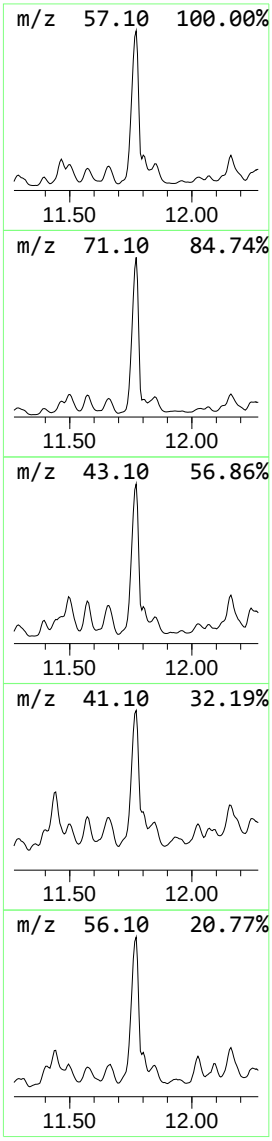
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.772	31.39 ng	34685500	Naphthalene-d8	10.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	78
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
5	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033276.D
Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

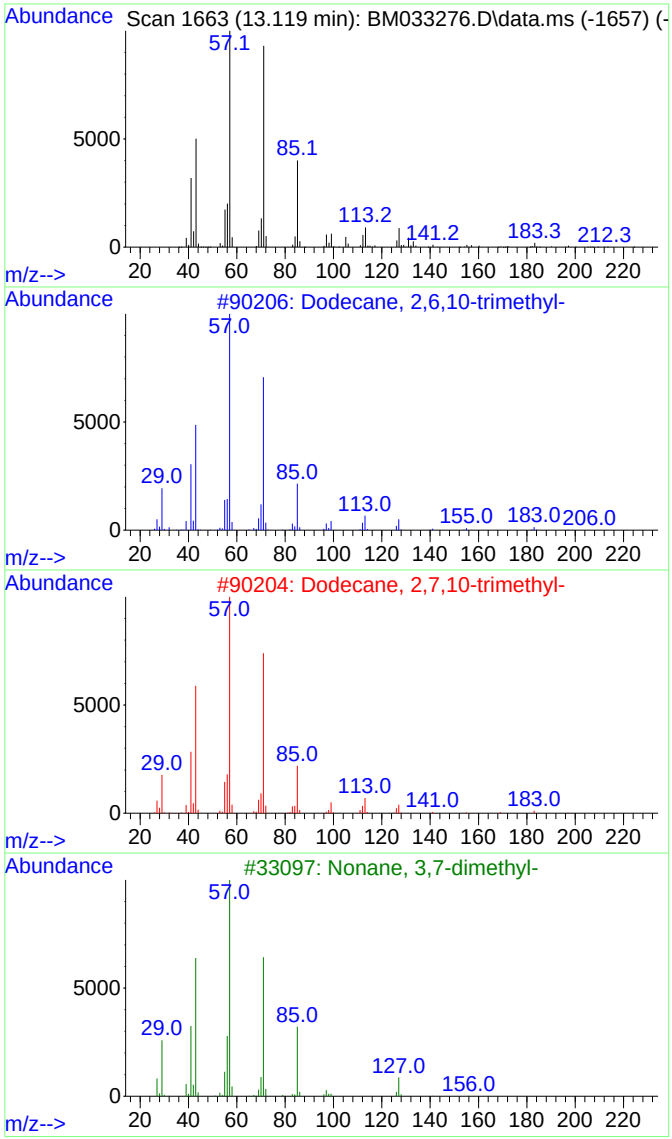
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

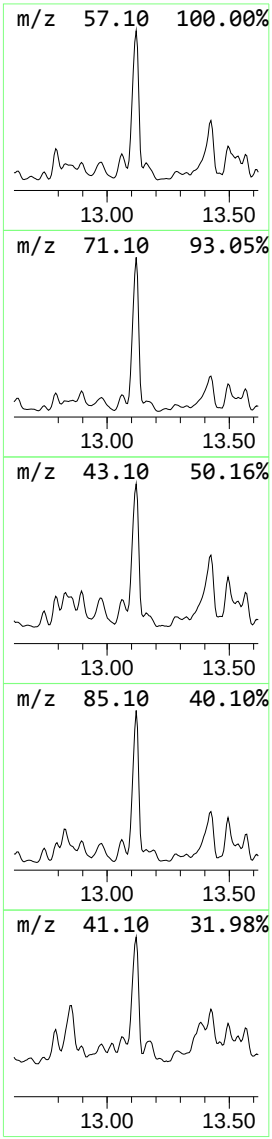
****

Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.119	36.18 ng	32681000	Acenaphthene-d10	14.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59





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Data File : BM033276.D
Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

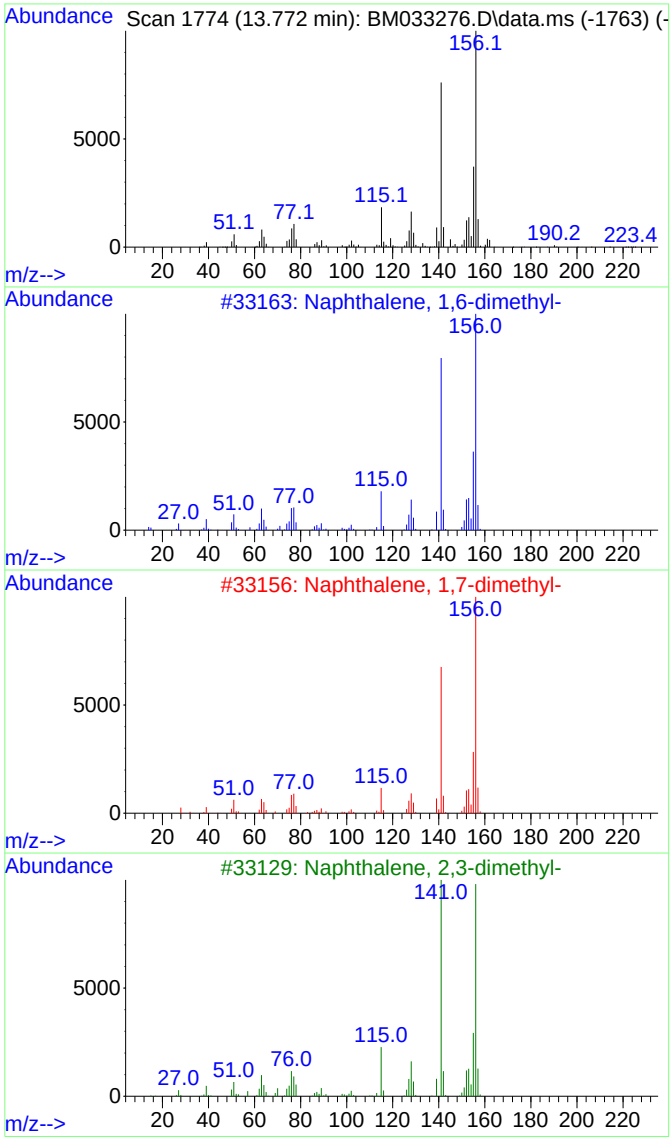
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

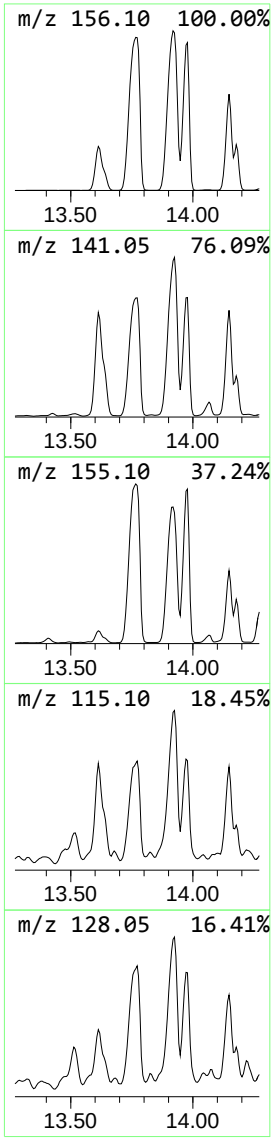
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.772	57.14 ng	51613300	Acenaphthene-d10	14.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033276.D
Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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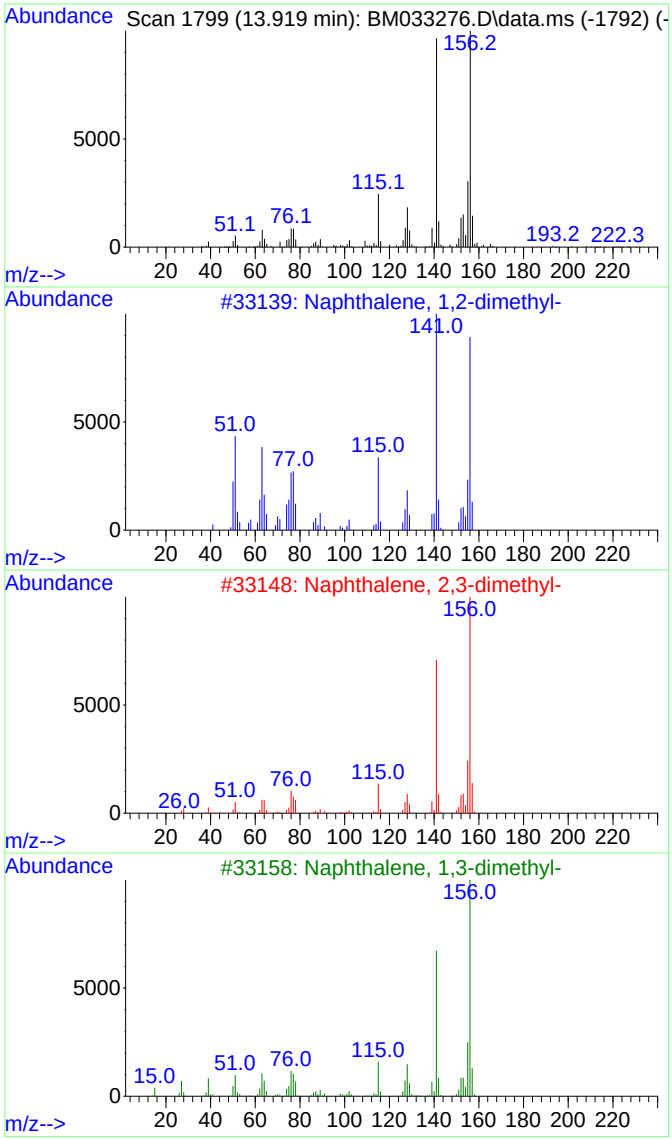
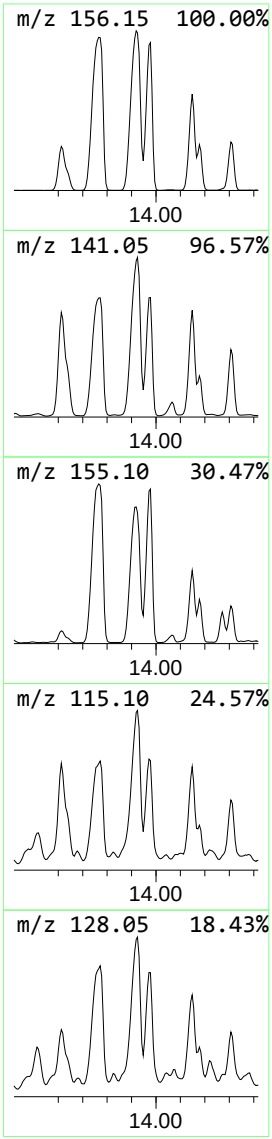
Peak Number 5 Naphthalene, 1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.919	41.14 ng	37160200	Acenaphthene-d10	14.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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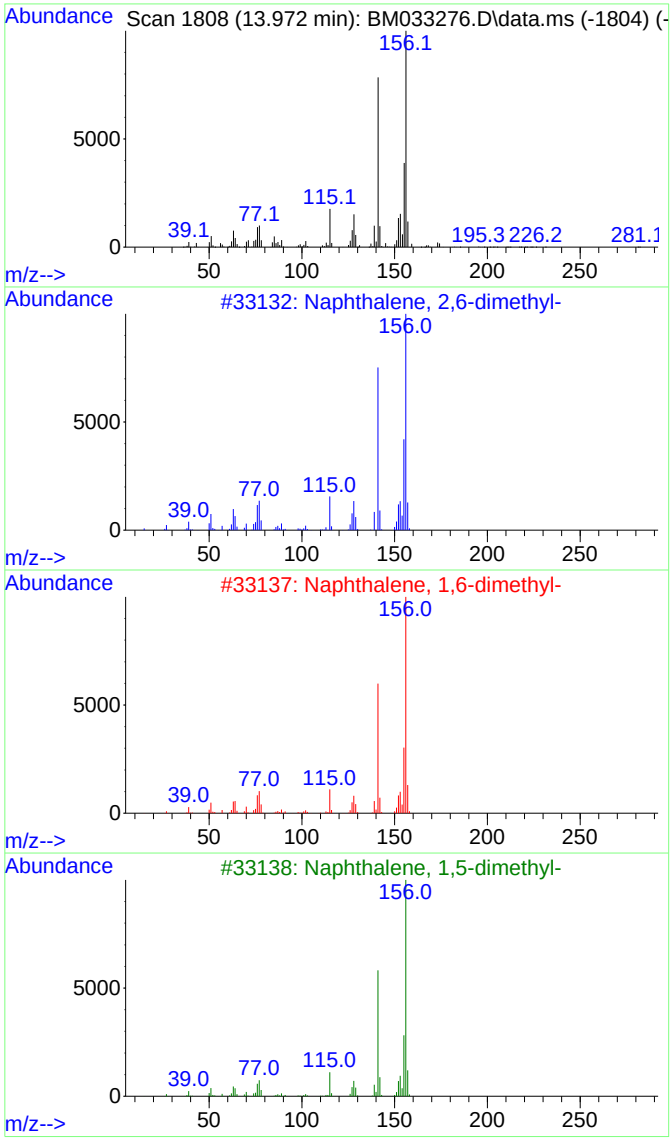
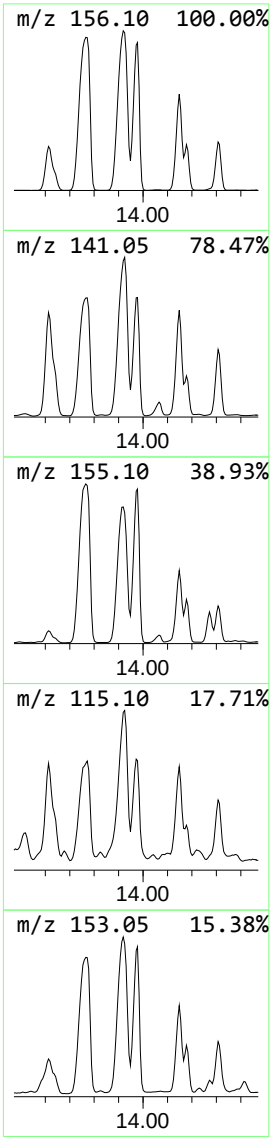
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.972	24.06 ng	21728500	Acenaphthene-d10	14.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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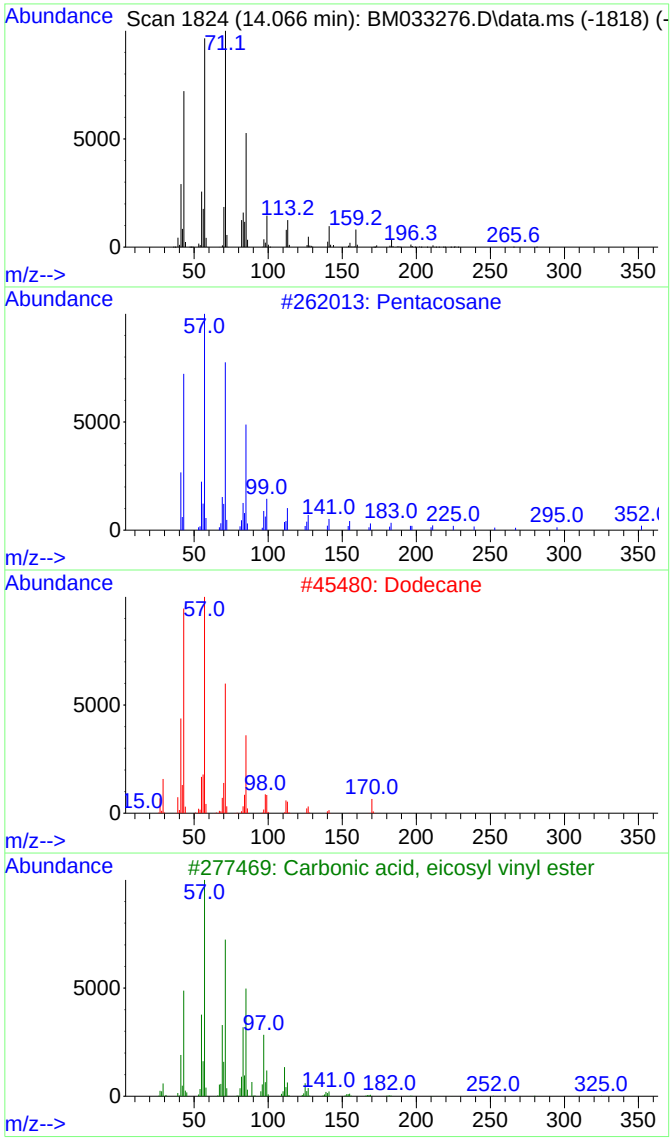
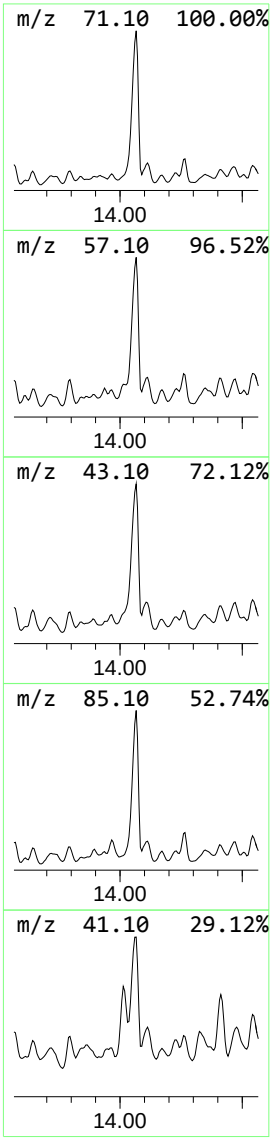
Peak Number 7 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	40.61 ng	36682000	Acenaphthene-d10	14.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	86
2	Dodecane	170	C12H26	000112-40-3	86
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4	Tridecane	184	C13H28	000629-50-5	83
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	80





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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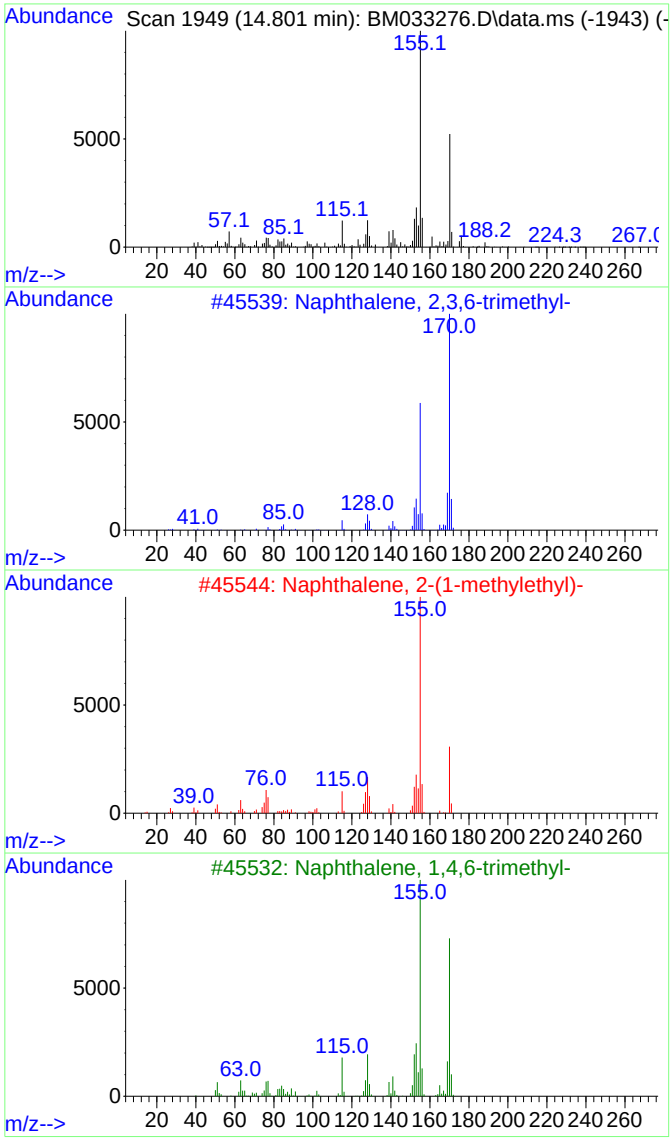
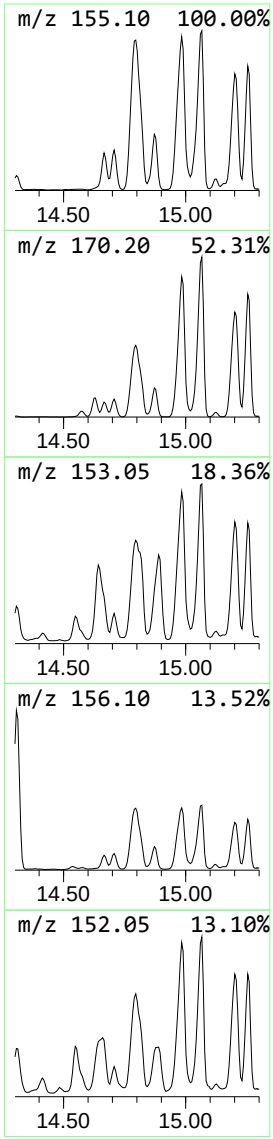
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.801	36.32 ng	32804100	Acenaphthene-d10	14.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





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Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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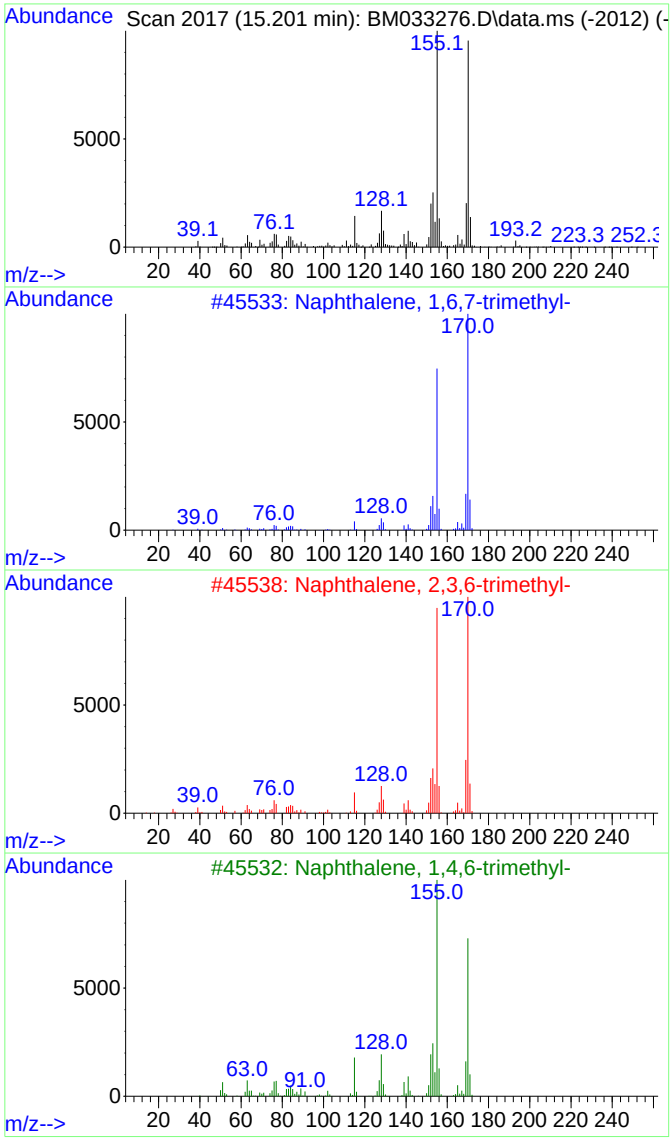
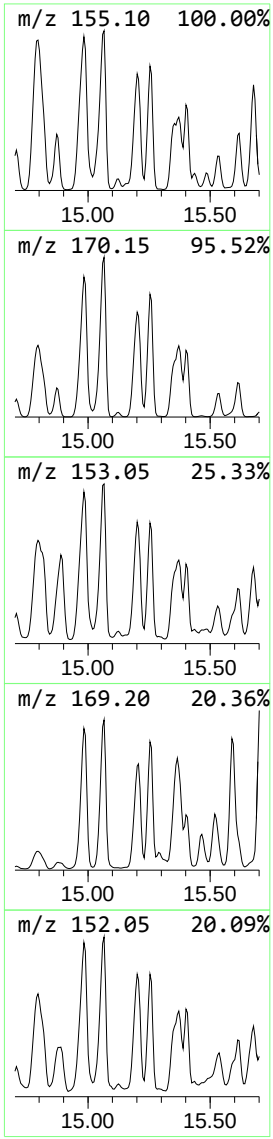
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.201	26.49 ng	23924400	Acenaphthene-d10	14.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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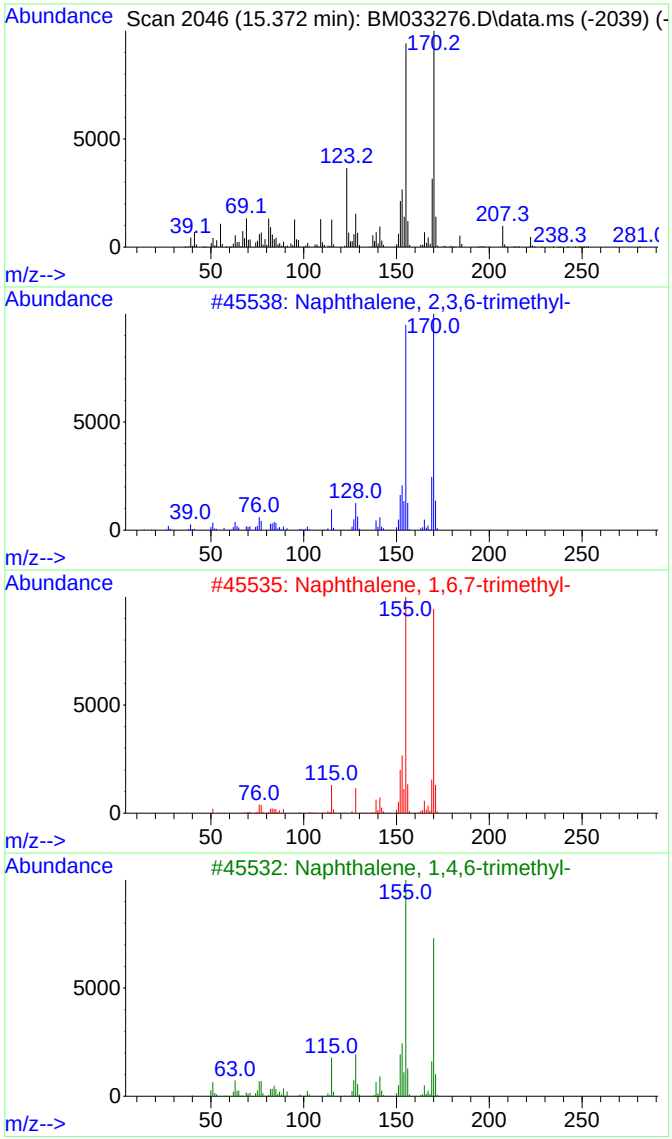
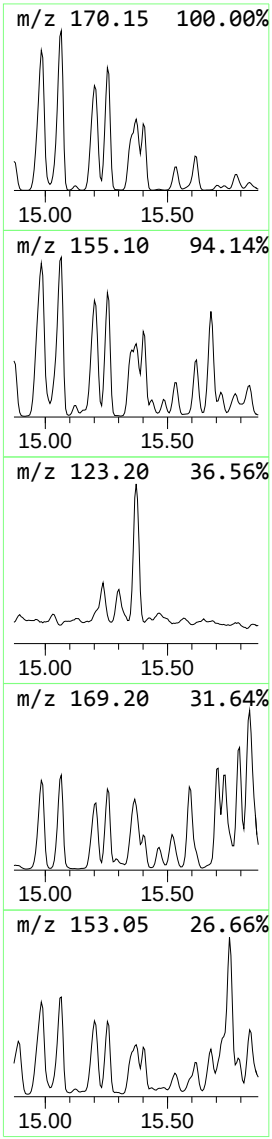
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.371	24.76 ng	22360400	Acenaphthene-d10	14.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89





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Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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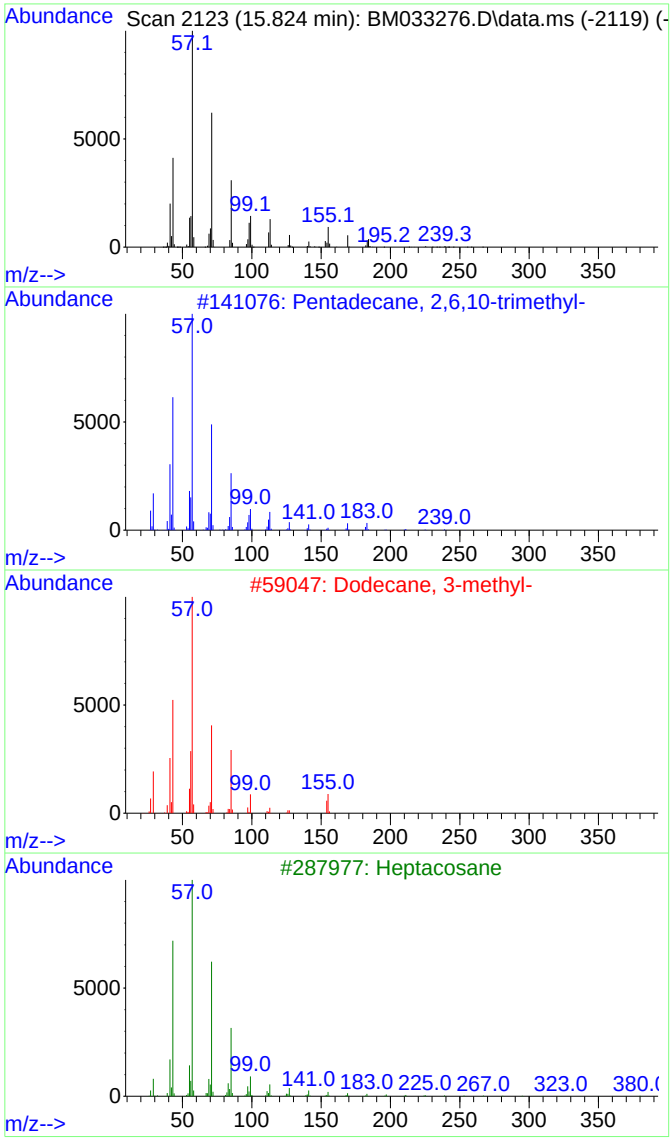
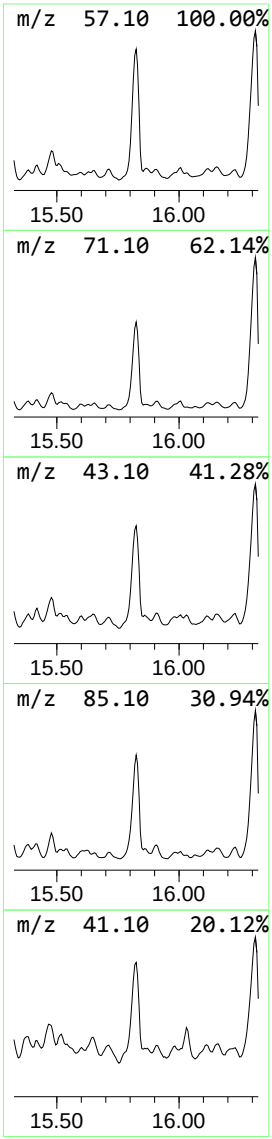
Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.824	36.62 ng	33073300	Acenaphthene-d10	14.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
3	Heptacosane	380	C27H56	000593-49-7	64
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	55





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Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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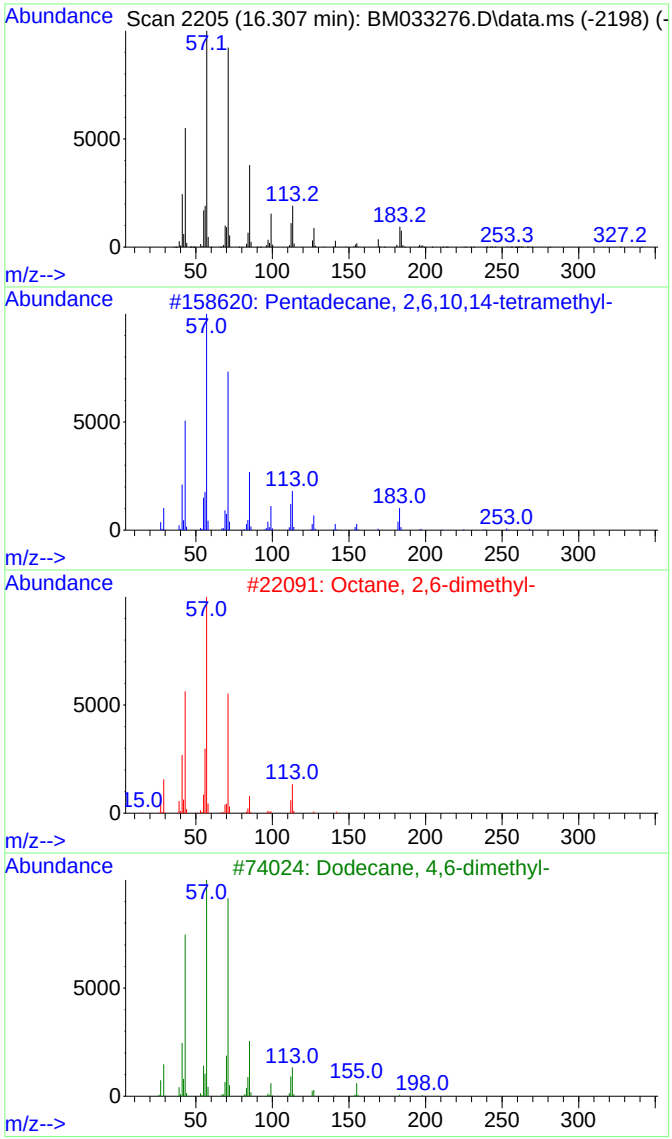
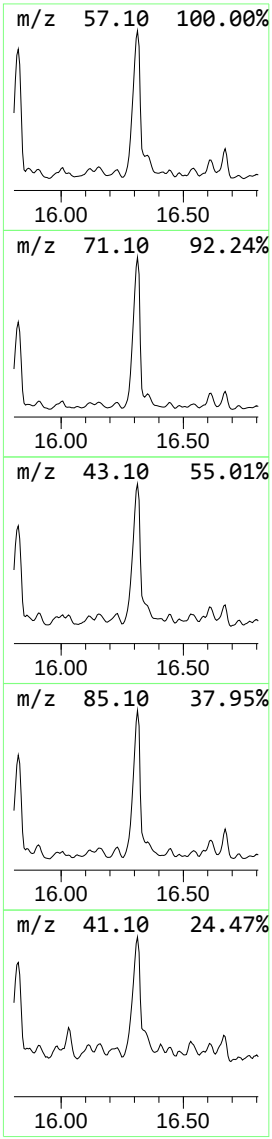
Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.307	218.03 ng	61890900	Phenanthrene-d10	17.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	68
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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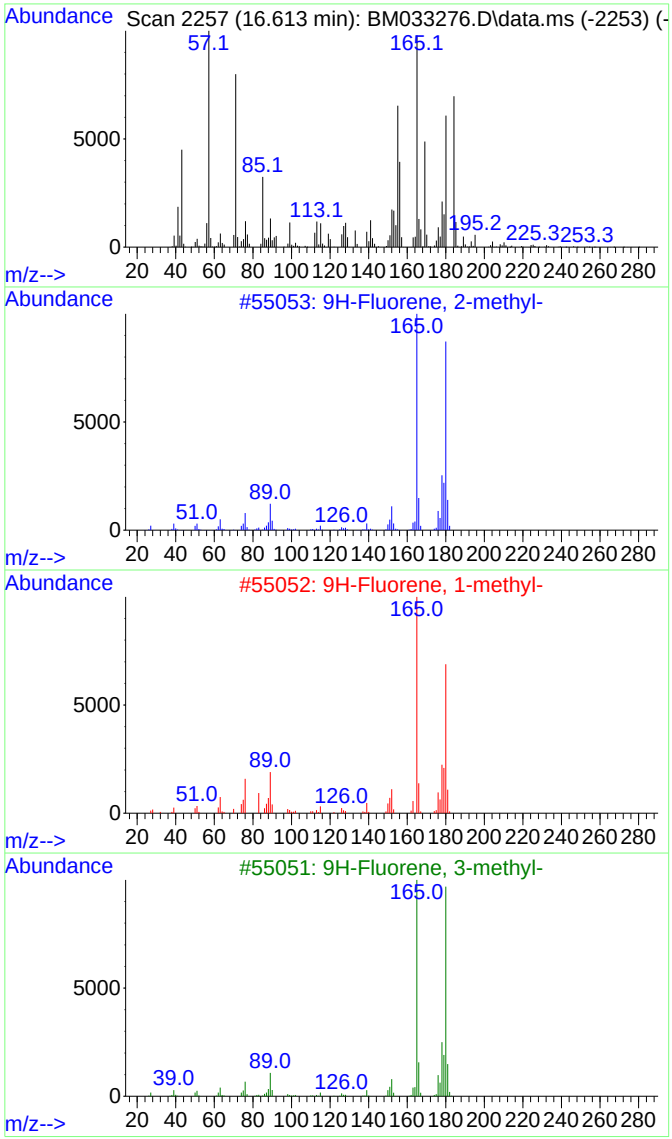
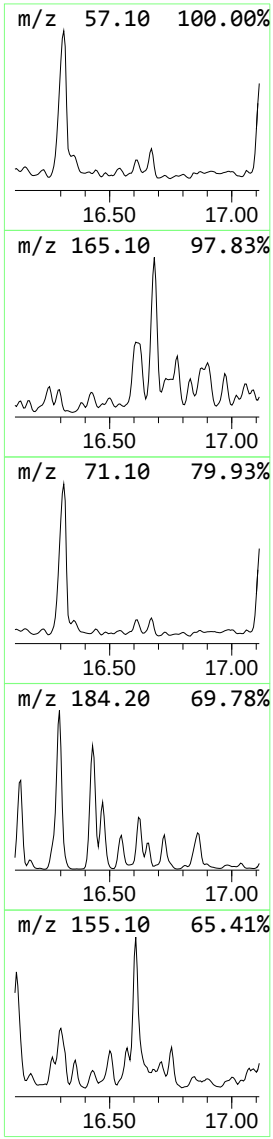
Peak Number 13 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.613	28.44 ng	8071760	Phenanthrene-d10	17.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	53
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	35
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	20
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	15





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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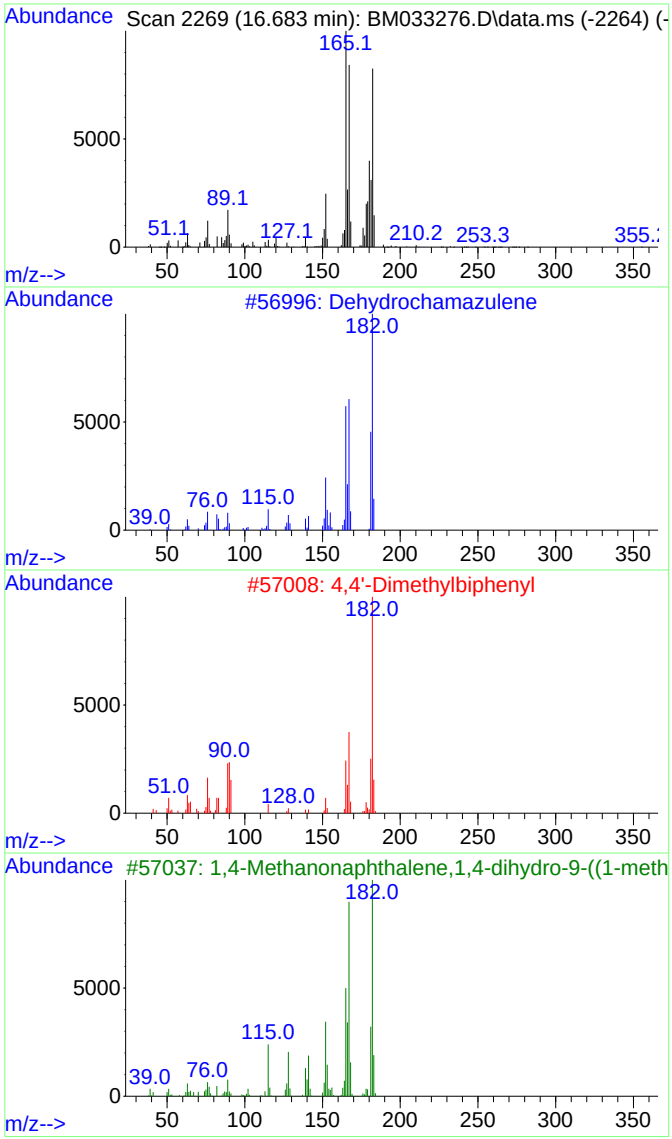
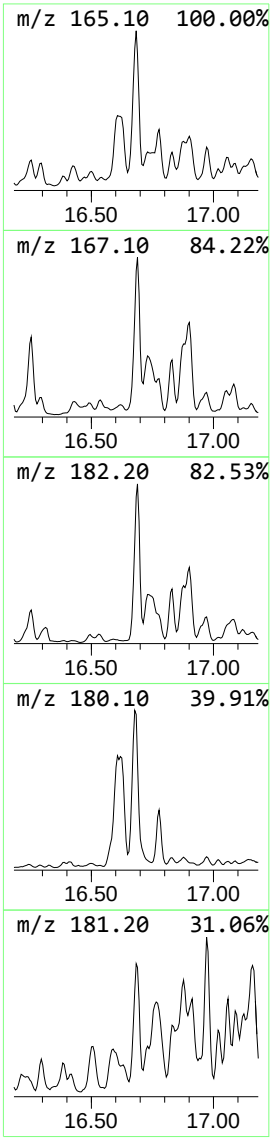
Peak Number 14 Dehydrochamazulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.683	51.56 ng	14636100	Phenanthrene-d10	17.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	90
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	64
4	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	62
5	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	49





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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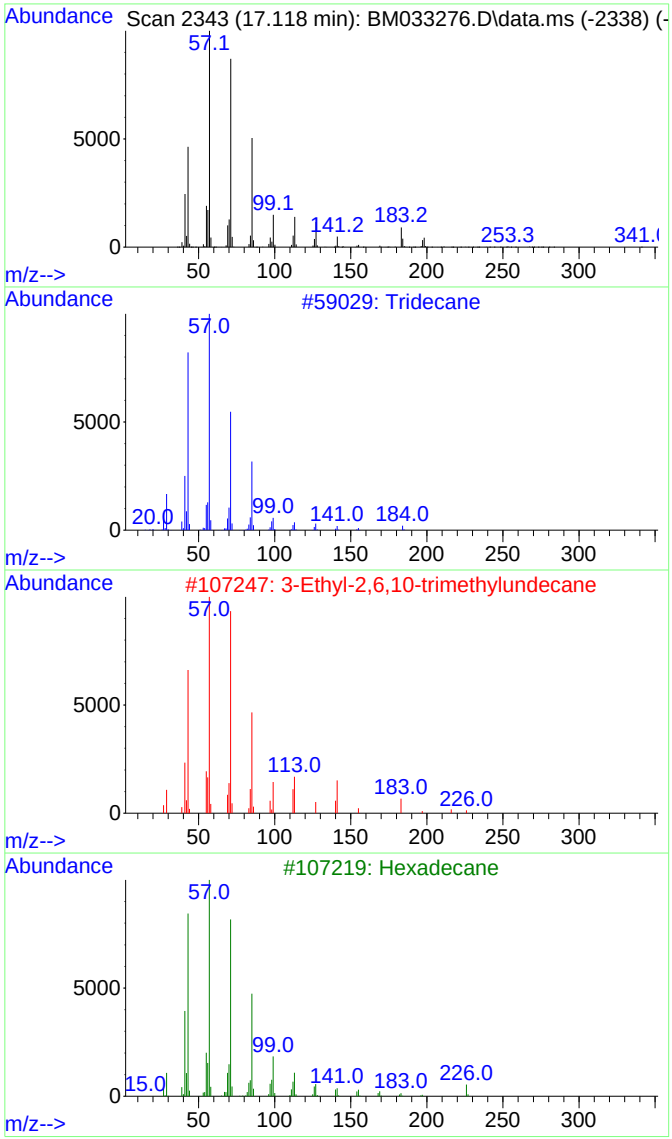
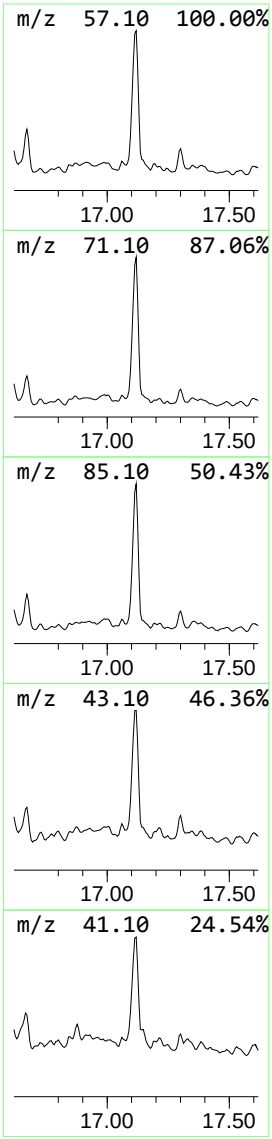
Peak Number 15 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.119	133.40 ng	37866800	Phenanthrene-d10	17.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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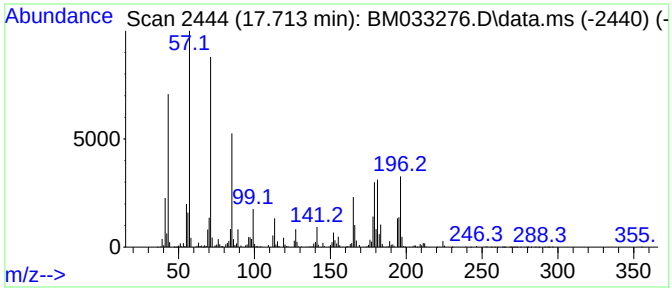
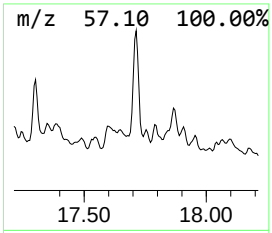
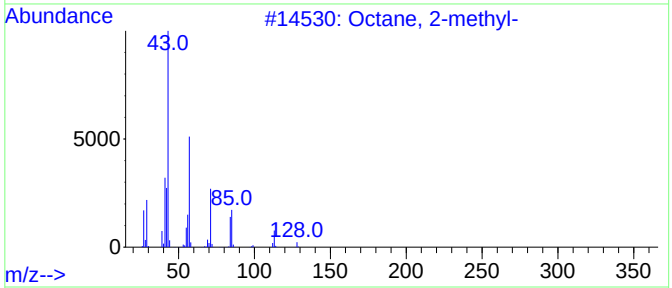
Peak Number 16 Octane, 2-methyl- Concentration Rank 10

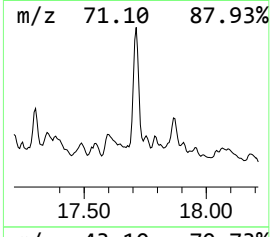
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.713	37.97 ng	10778500	Phenanthrene-d10	17.313

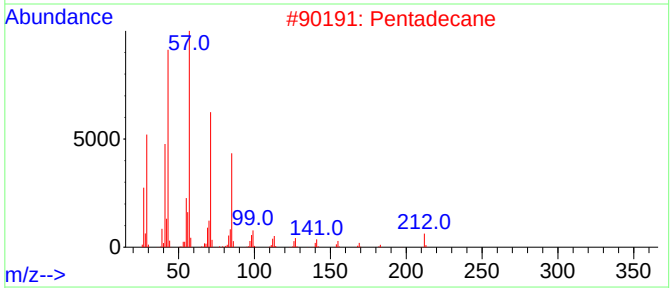
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	50
2	Pentadecane	212	C15H32	000629-62-9	45
3	Tridecane	184	C13H28	000629-50-5	45
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
5	Pentacosane	352	C25H52	000629-99-2	43

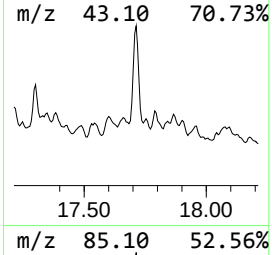


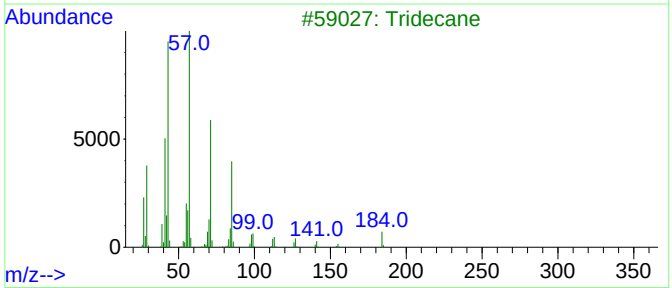


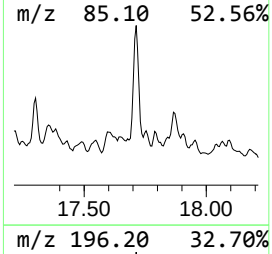


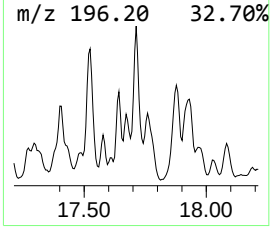












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033276.D
Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

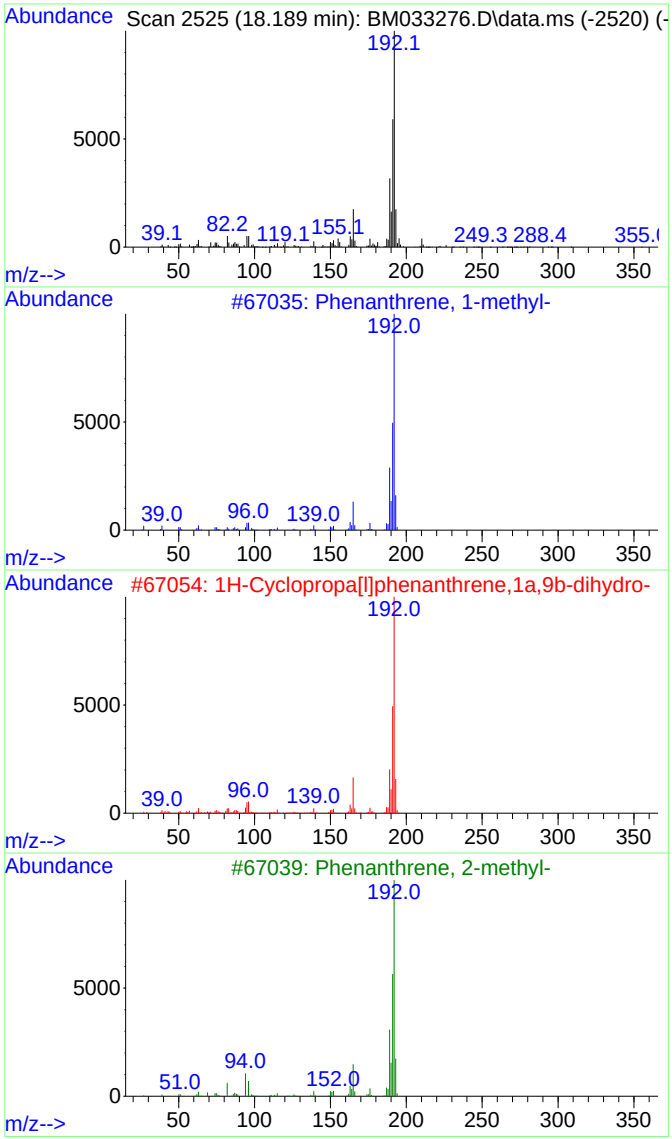
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

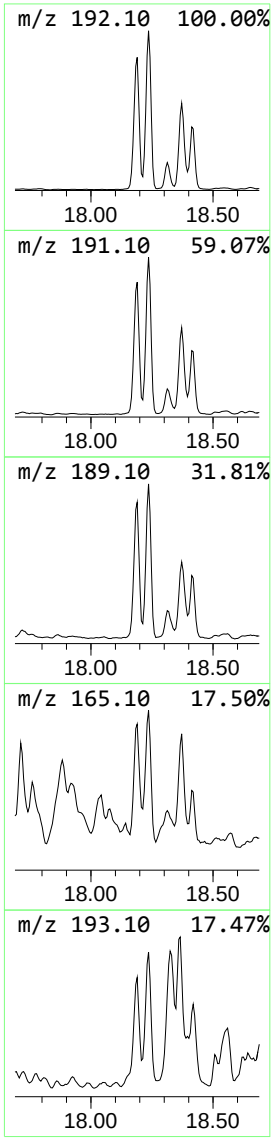
****

Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.189	38.96 ng	11060500	Phenanthrene-d10	17.313

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033276.D
Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

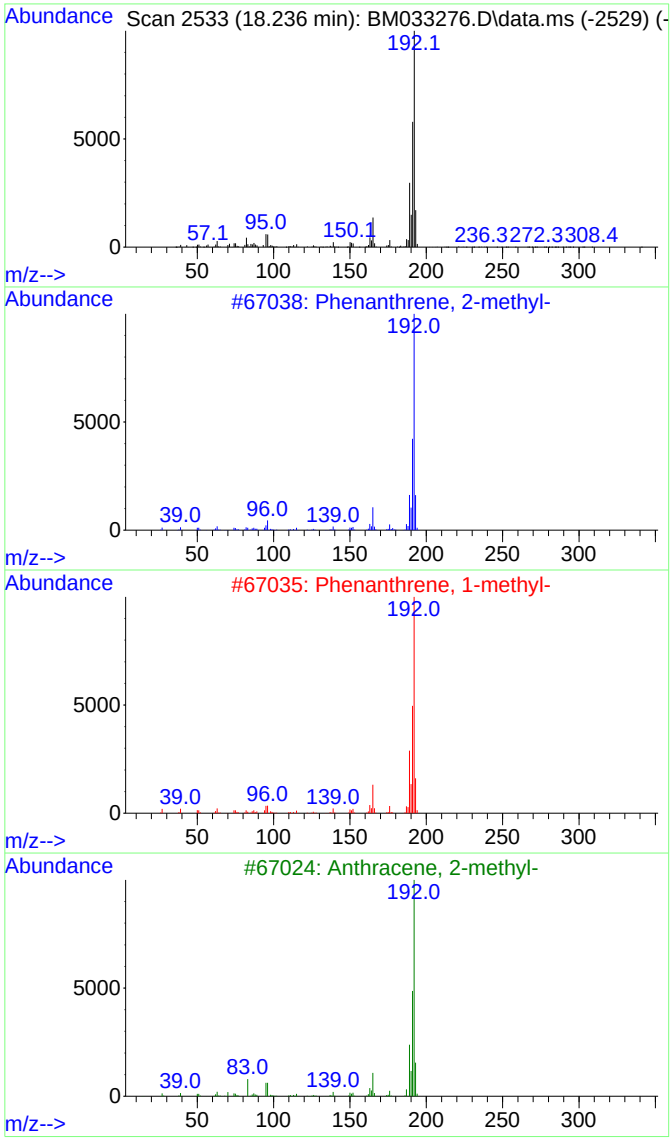
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

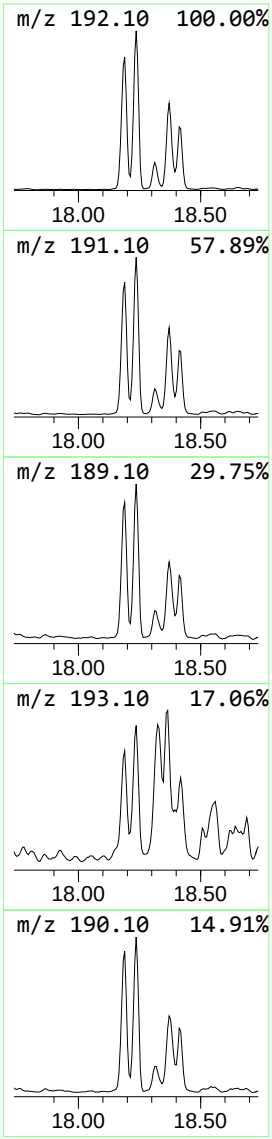
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.236	42.42 ng	12040700	Phenanthrene-d10	17.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033276.D
Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

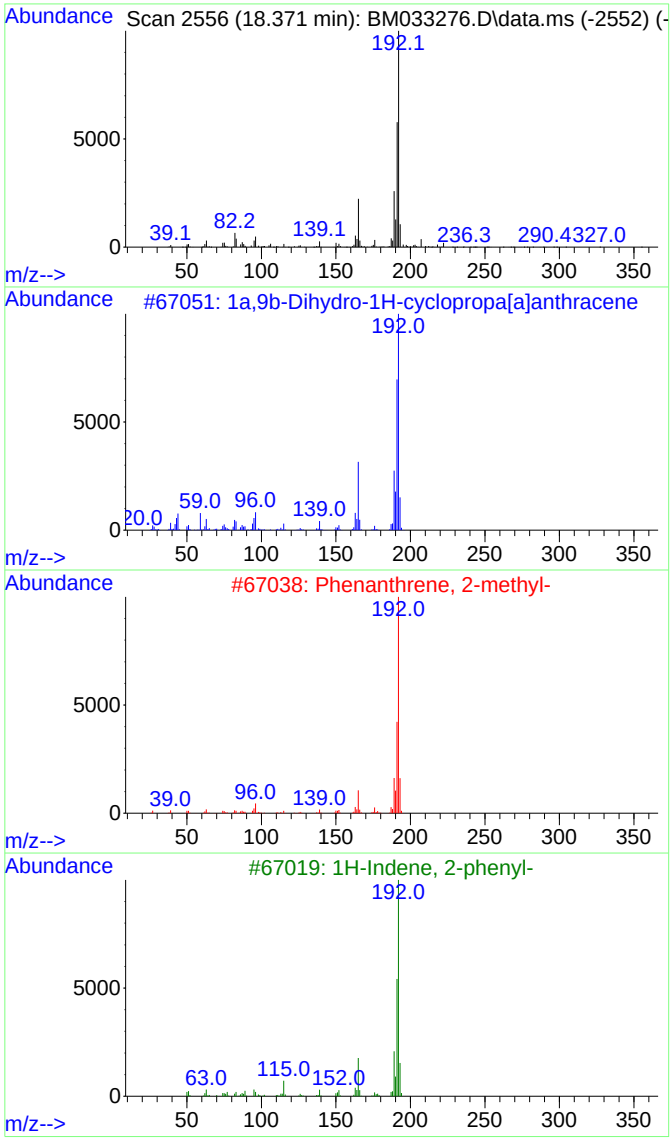
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

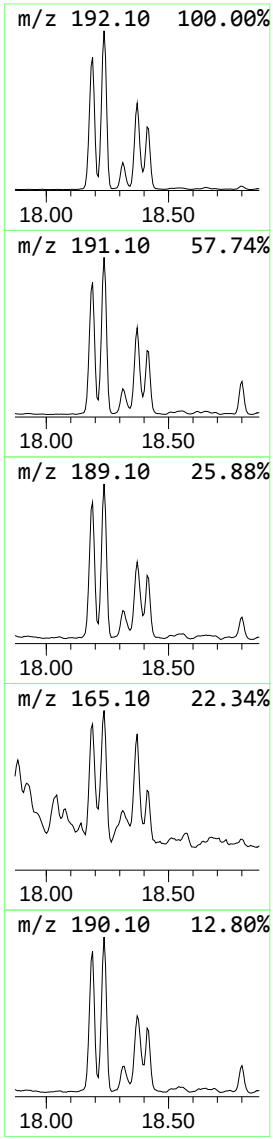
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.371	24.03 ng	6821530	Phenanthrene-d10	17.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033276.D
Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

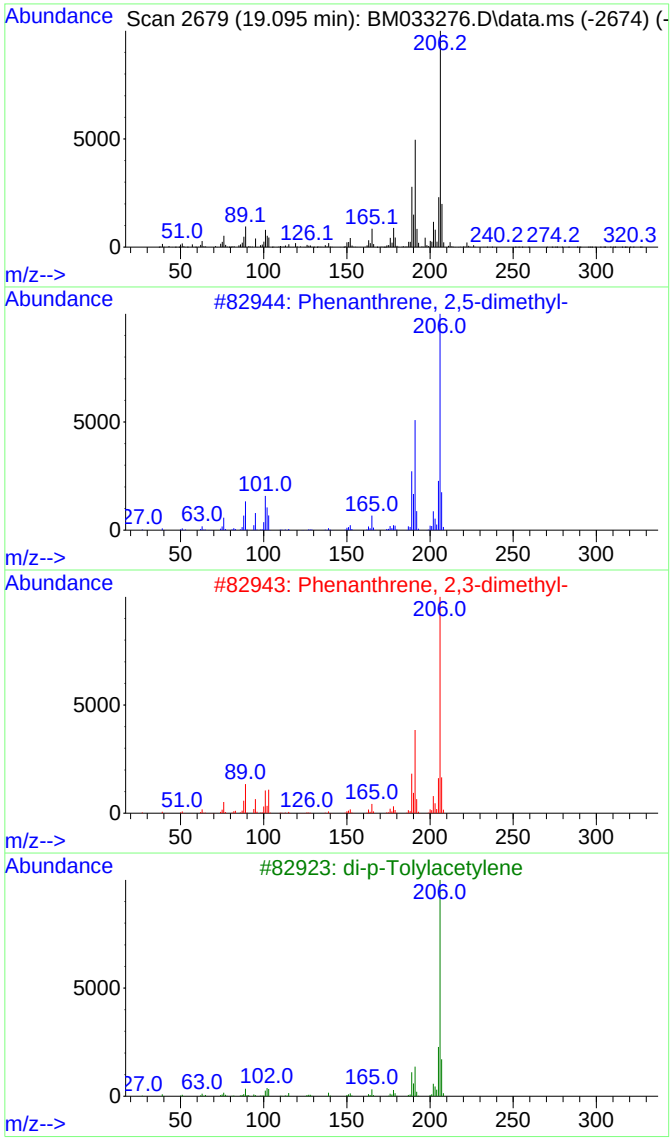
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

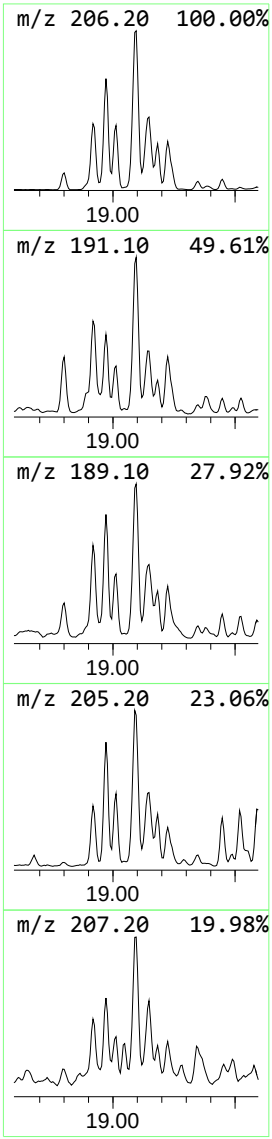
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.095	32.94 ng	9349810	Phenanthrene-d10	17.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033276.D
Acq On : 26 Nov 2021 21:52
Operator : CG/JU
Sample : M4815-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 2-ethy...	9.037	38.8	ng	13127500	1	7.937	6766340	20.0
Octane, 2,6-dim...	11.772	31.4	ng	34685500	2	10.742	22096900	20.0
Dodecane, 2,6,1...	13.119	36.2	ng	32681000	3	14.578	18064000	20.0
Naphthalene, 1,...	13.772	57.1	ng	51613300	3	14.578	18064000	20.0
Naphthalene, 1,...	13.919	41.1	ng	37160200	3	14.578	18064000	20.0
Naphthalene, 2,...	13.972	24.1	ng	21728500	3	14.578	18064000	20.0
Pentacosane	14.066	40.6	ng	36682000	3	14.578	18064000	20.0
Naphthalene, 2,...	14.801	36.3	ng	32804100	3	14.578	18064000	20.0
Naphthalene, 1,...	15.201	26.5	ng	23924400	3	14.578	18064000	20.0
Naphthalene, 1,...	15.371	24.8	ng	22360400	3	14.578	18064000	20.0
Pentadecane, 2,...	15.824	36.6	ng	33073300	3	14.578	18064000	20.0
Pentadecane, 2,...	16.307	218.0	ng	61890900	4	17.313	5677310	20.0
9H-Fluorene, 2-...	16.613	28.4	ng	8071760	4	17.313	5677310	20.0
Dehydrochamazulene	16.683	51.6	ng	14636100	4	17.313	5677310	20.0
Tridecane	17.119	133.4	ng	37866800	4	17.313	5677310	20.0
Octane, 2-methyl-	17.713	38.0	ng	10778500	4	17.313	5677310	20.0
Phenanthrene, 1...	18.189	39.0	ng	11060500	4	17.313	5677310	20.0
Phenanthrene, 2...	18.236	42.4	ng	12040700	4	17.313	5677310	20.0
1a,9b-Dihydro-1...	18.371	24.0	ng	6821530	4	17.313	5677310	20.0
Phenanthrene, 2...	19.095	32.9	ng	9349810	4	17.313	5677310	20.0