LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033269.D
Acq On : 26 Nov 2021 17:41
Operator : CG/JU
Sample : M4815-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-6

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: BM033269.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.507	362	369	378	rBV	1112693	1685006	20.41%	0.971%
2	7.095	631	639	646	rBV	678227	1199113	14.53%	0.691%
3	7.937	777	782	788	rVB	396901	650112	7.88%	0.375%
4	8.572	884	890	895	rBV4	177082	344555	4.17%	0.199%
5	9.031	958	968	973	rBV2	328175	661216	8.01%	0.381%
6	9.095	973	979	986	rBV	1757205	3155680	38.23%	1.819%
7	9.378	1019	1027	1030	rBV3	136975	346989	4.20%	0.200%
8	9.560	1052	1058	1062	rVV2	331786	592221	7.17%	0.341%
9	9.613	1062	1067	1071	rVV2	245166	457184	5.54%	0.264%
10	9.807	1091	1100	1103	rBV4	147917	345854	4.19%	0.199%
11	9.848	1103	1107	1112	rVV3	216512	378605	4.59%	0.218%
12	9.913	1112	1118	1124	rVV6	231617	589322	7.14%	0.340%
13	9.978	1124	1129	1137	rVV2	319657	755915	9.16%	0.436%
14	10.131	1149	1155	1162	rVV3	614106	1326348	16.07%	0.765%
15	10.301	1178	1184	1191	rVV5	180108	433407	5.25%	0.250%
16	10.425	1200	1205	1213	rBV2	184592	439557	5.33%	0.253%
17	10.695	1245	1251	1252	rBV2	466145	751143	9.10%	0.433%
18	10.783	1261	1266	1271	rVB2	524954	1058550	12.82%	0.610%
19	10.842	1271	1276	1278	rBV2	304259	505745	6.13%	0.292%
20	10.878	1278	1282	1288	rVB	1243980	1857090	22.50%	1.071%
21	10.942	1288	1293	1300	rBV2	351921	626251	7.59%	0.361%
22	11.007	1300	1304	1311	rVB5	174709	398994	4.83%	0.230%
23	11.207	1333	1338	1345	rVB5	229003	493382	5.98%	0.284%
24	11.383	1364	1368	1371	rVV2	387473	679199	8.23%	0.392%
25	11.425	1371	1375	1382	rVV5	604376	1409428	17.08%	0.812%
26	11.483	1382	1385	1392	rVV2	222127	510034	6.18%	0.294%
27	11.554	1392	1397	1404	rVV4	368435	684972	8.30%	0.395%
28	11.636	1405	1411	1418	rVB	732534	1438454	17.43%	0.829%
29	11.742	1424	1429	1433	rVV	1961927	3069352	37.19%	1.769%
30	11.778	1433	1435	1439	rVV2	466903	673331	8.16%	0.388%
31	11.830	1439	1444	1449	rVB	619070	1134504	13.74%	0.654%
32	11.919	1455	1459	1466	rVB5	295682	628822	7.62%	0.362%
33	12.136	1487	1496	1500	rBV3	530549	1540723	18.67%	0.888%
34	12.272	1517	1519	1524	rVV2	356662	453797	5.50%	0.262%
35	12.354	1527	1533	1534	rVV3	747755	1265304	15.33%	0.729%
36	12.389	1534	1539	1546	rVB	3406183	5672757	68.73%	3.270%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_M
ClientSampleId :
MW-6

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	12.607	1567	1576	1584	rBV	2490845	4515877	54.71%	2.603%
38	12.683	1585	1589	1593	rVB2	305702	405894	4.92%	0.234%
39	12.766	1598	1603	1607	rBV5	435407	757657	9.18%	0.437%
40	12.830	1607	1614	1620	rVV5	633730	1543262	18.70%	0.890%
41	13.042	1646	1650	1652	rBV3	225319	371860	4.51%	0.214%
42	13.089	1653	1658	1664	rVB	2651047	3816080	46.23%	2.200%
43	13.183	1668	1674	1680	rVB	3920487	5995771	72.64%	3.456%
44	13.372	1697	1706	1707	rBV6	531187	1325889	16.06%	0.764%
45	13.395	1708	1710	1715	rVB2	693504	840325	10.18%	0.484%
46	13.489	1720	1726	1731	rVB3	514331	1183619	14.34%	0.682%
47	13.542	1732	1735	1738	rVB3	341452	413369	5.01%	0.238%
48	13.589	1739	1743	1746	rBV	1014821	1640989	19.88%	0.946%
49	13.724	1760	1766	1768	rBV	2275505	4216751	51.09%	2.431%
50	13.883	1787	1793	1798	rBV	3835004	6988011	84.66%	4.028%
51	13.936	1798	1802	1806	rVV	2651852	3782745	45.83%	2.181%
52	13.977	1806	1809	1813	rVV	1086062	1545735	18.73%	0.891%
53	14.030	1813	1818	1823	rVB	3823150	5320493	64.46%	3.067%
54	14.113	1823	1832	1836	rBV2	1449280	3032037	36.73%	1.748%
55	14.148	1836	1838	1843	rVB	740997	907191	10.99%	0.523%
56	14.201	1843	1847	1851	rBV5	380007	634974	7.69%	0.366%
57	14.283	1857	1861	1870	rBV2	912304	1707233	20.68%	0.984%
58	14.389	1874	1879	1884	rVB	1308620	2085402	25.27%	1.202%
59	14.454	1884	1890	1896	rBV6	415710	1114311	13.50%	0.642%
60	14.524	1897	1902	1904	rBV3	1193386	1884327	22.83%	1.086%
61	14.554	1905	1907	1912	rVB2	1227519	1639922	19.87%	0.945%
62	14.607	1913	1916	1919	rBV2	472246	674852	8.18%	0.389%
63	14.642	1919	1922	1926	rVB2	717731	926138	11.22%	0.534%
64	14.683	1926	1929	1932	rBV	298894	359620	4.36%	0.207%
65	14.766	1938	1943	1951	rVB	1544463	3985294	48.28%	2.297%
66	14.848	1953	1957	1960	rBV2	528622	862763	10.45%	0.497%
67	14.954	1969	1975	1981	rVB2	2637287	4174643	50.58%	2.406%
68	15.030	1983	1988	1991	rVV	1855141	2513060	30.45%	1.449%
69	15.066	1991	1994	2006	rVB5	904697	2164718	26.23%	1.248%
70	15.171	2007	2012	2016	rBV	1686948	2888297	34.99%	1.665%
71	15.224	2017	2021	2025	rVB	1484410	2081877	25.22%	1.200%
72	15.277	2026	2030	2034	rBV4	379688	751508	9.10%	0.433%
73	15.342	2034	2041	2044	rBV	1176371	2245613	27.21%	1.294%
74	15.371	2044	2046	2053	rVB3	905799	1254402	15.20%	0.723%
75	15.442	2055	2058	2063	rBV4	386935	695518	8.43%	0.401%
76	15.507	2065	2069	2076	rVB3	647701	1348178	16.33%	0.777%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4815-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-6

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.595	2077	2084	2088	rBV4	822906	1745947	21.15%	1.006%
78	15.648	2088	2093	2096	rVB3	569290	924908	11.21%	0.533%
79	15.724	2103	2106	2110	rVB	690286	839365	10.17%	0.484%
80	15.801	2115	2119	2125	rVB2	3090159	4738191	57.40%	2.731%
81	16.013	2151	2155	2156	rBV	607202	723509	8.77%	0.417%
82	16.042	2156	2160	2167	rVB2	3178123	4439566	53.79%	2.559%
83	16.107	2168	2171	2175	rVB2	373772	473836	5.74%	0.273%
84	16.277	2194	2200	2206	rBV2	5609642	8254084	100.00%	4.758%
85	16.407	2218	2222	2226	rVB	599654	818397	9.92%	0.472%
86	16.595	2249	2254	2258	rVB4	604550	1076210	13.04%	0.620%
87	16.654	2260	2264	2269	rVB4	1248331	1873888	22.70%	1.080%
88	16.948	2312	2314	2319	rVB3	350614	487918	5.91%	0.281%
89	17.095	2334	2339	2350	rVB2	2500099	4778384	57.89%	2.754%
90	17.295	2368	2373	2377	rBV	1160910	1916799	23.22%	1.105%
91	17.336	2377	2380	2387	rVB	758194	1097454	13.30%	0.633%
92	17.695	2437	2441	2446	rBV3	773051	1168690	14.16%	0.674%
93	18.165	2517	2521	2525	rBV	832824	1243807	15.07%	0.717%
94	18.212	2526	2529	2536	rVB	861753	1297332	15.72%	0.748%
95	18.348	2549	2552	2557	rVB2	346938	463614	5.62%	0.267%
96	18.906	2644	2647	2653	rBV2	245669	418596	5.07%	0.241%
97	19.077	2672	2676	2681	rBV	584040	858506	10.40%	0.495%
98	19.901	2811	2816	2821	rVV	6239207	7760573	94.02%	4.474%
99	21.453	3075	3080	3086	rBV	1246793	1633707	19.79%	0.942%
100	23.783	3470	3476	3487	rVB2	784788	1635644	19.82%	0.943%

Sum of corrected areas: 173478046

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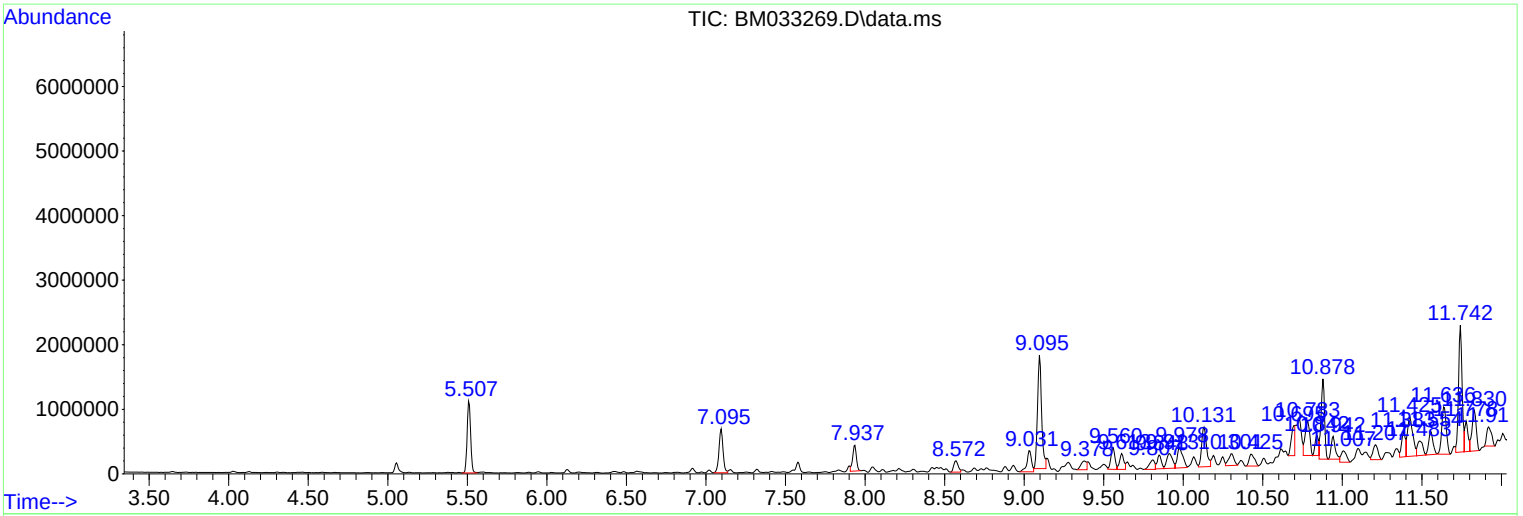
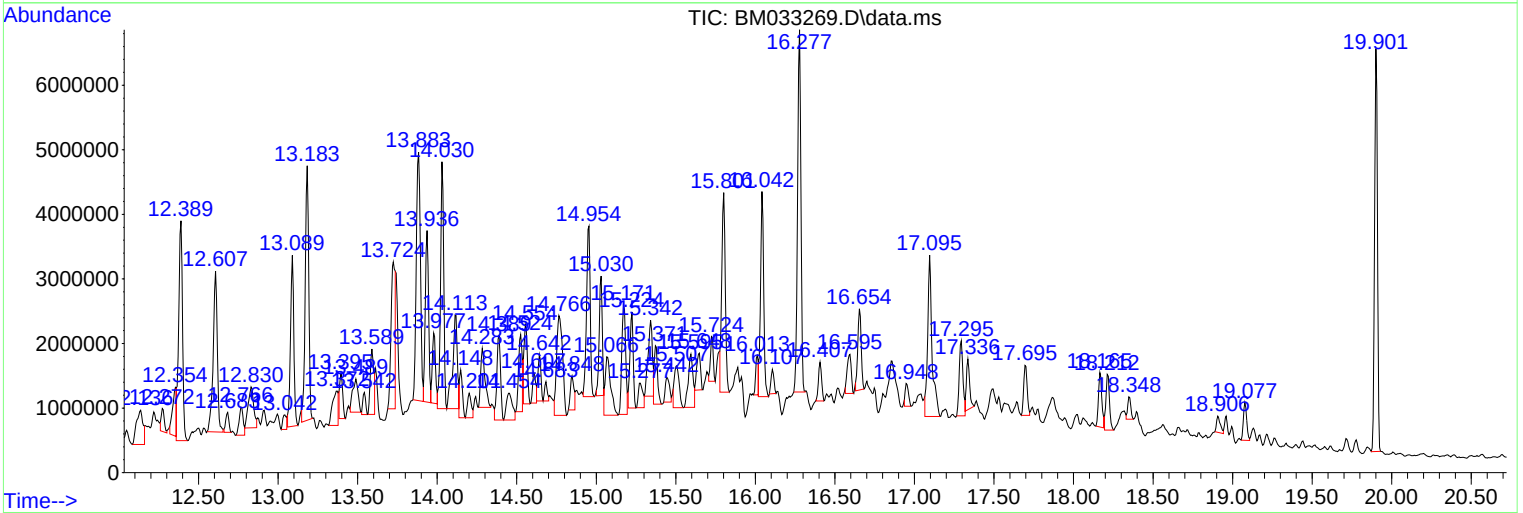
Misc :
ALS Vial : 6 Sample Multiplier: 1

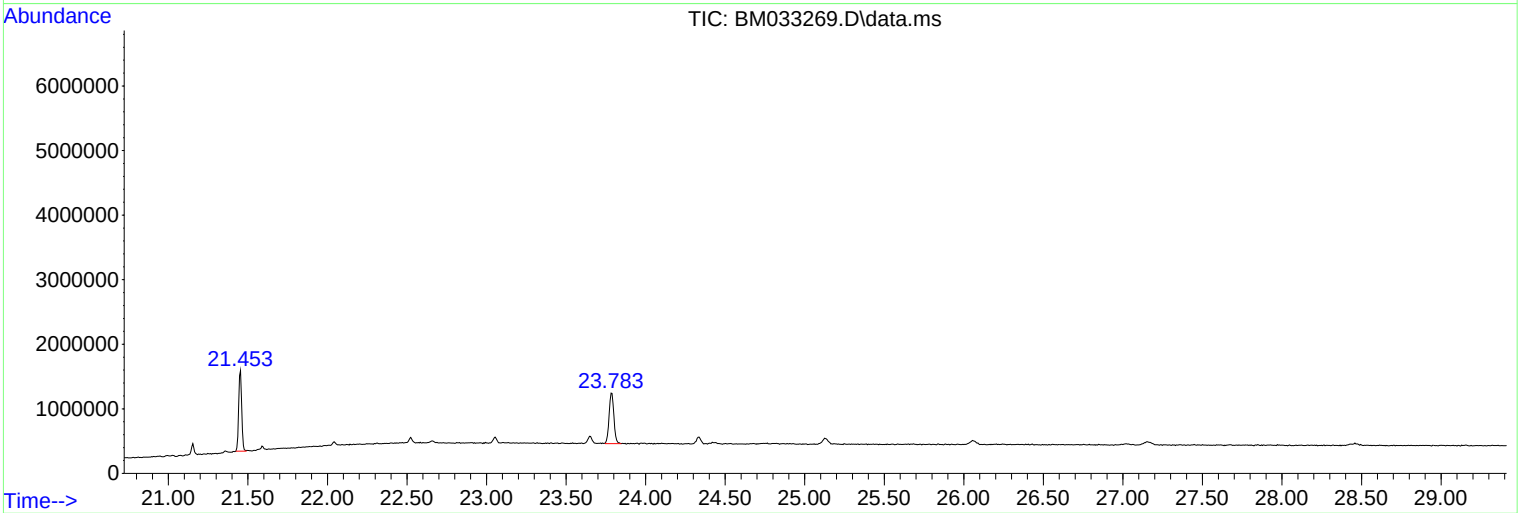
Instrument :
BNA_M
ClientSampleId :
MW-6

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

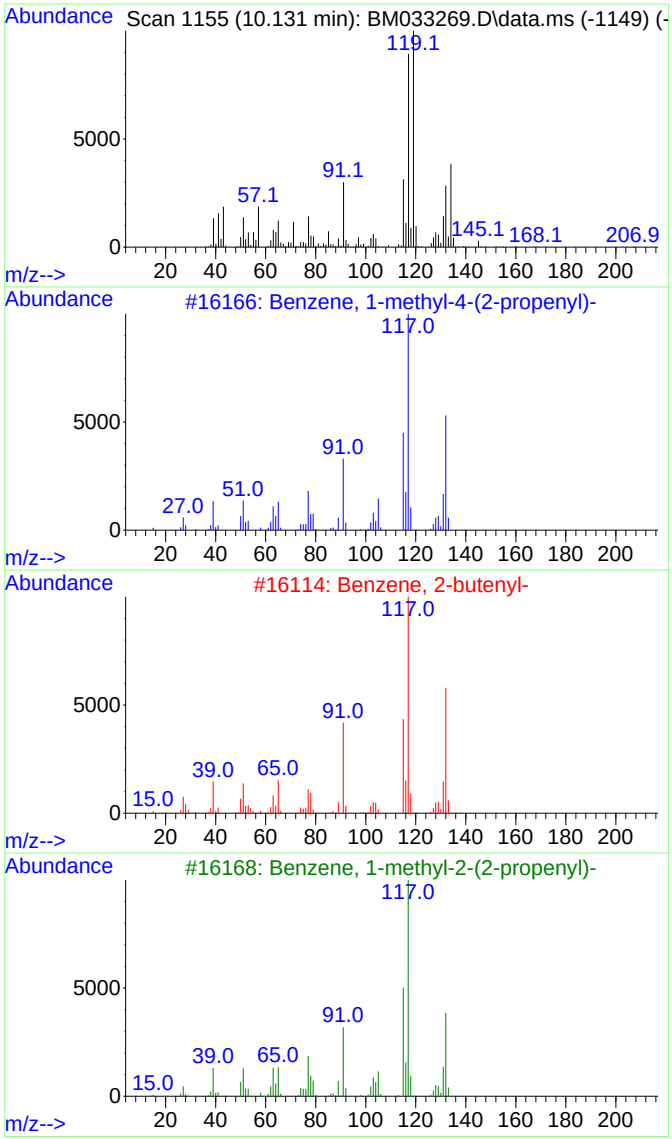
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

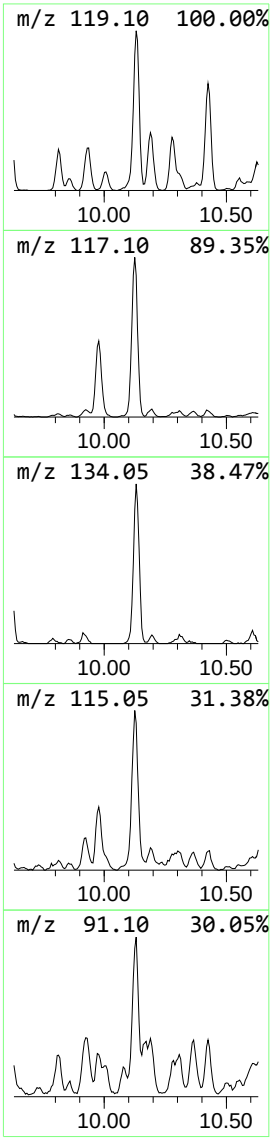
****

Peak Number 1 Benzene, 1-methyl-4-(2-prop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.131	35.32 ng	1326350	Naphthalene-d8	10.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	89
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
4	o-Cymene	134	C10H14	000527-84-4	55
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50





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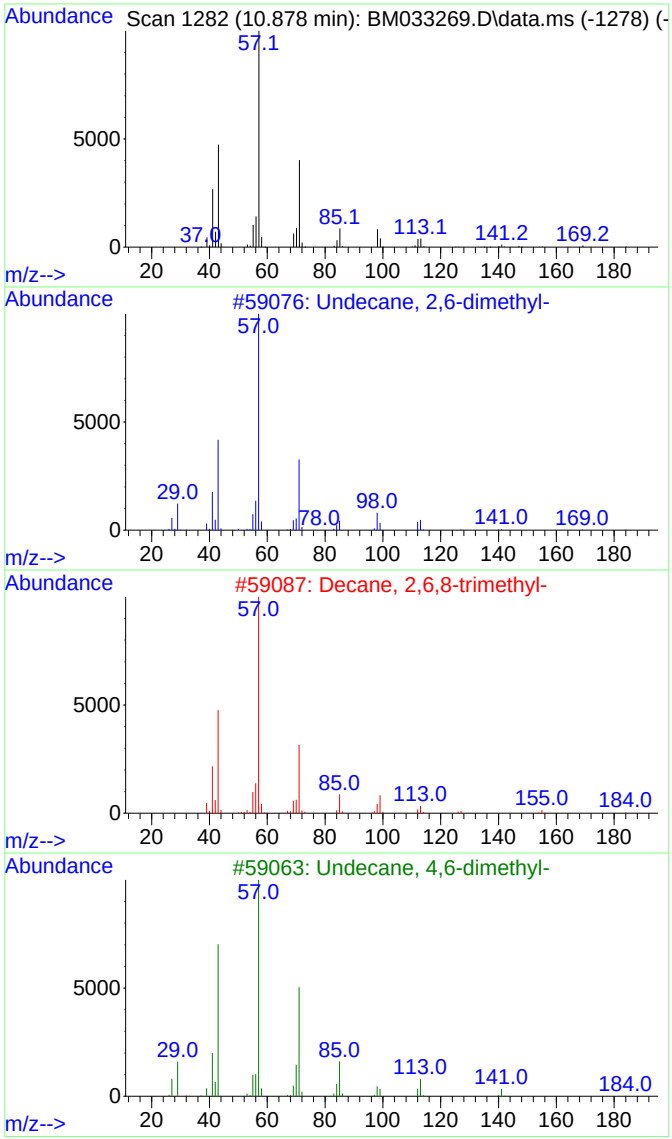
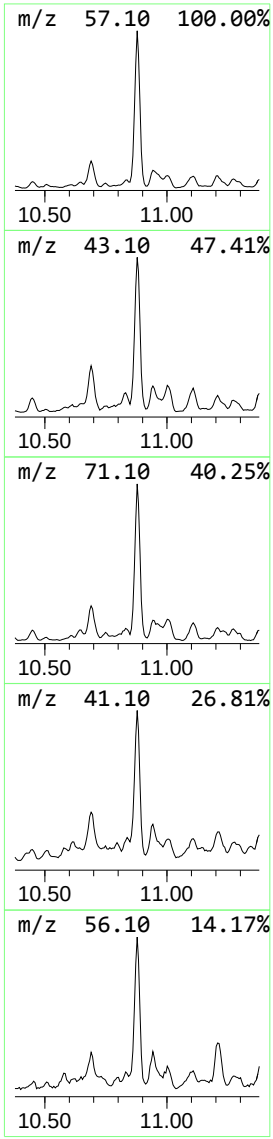
Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.878	49.45 ng	1857090	Naphthalene-d8	10.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	90
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	83
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78





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Sample : M4815-03
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ALS Vial : 6 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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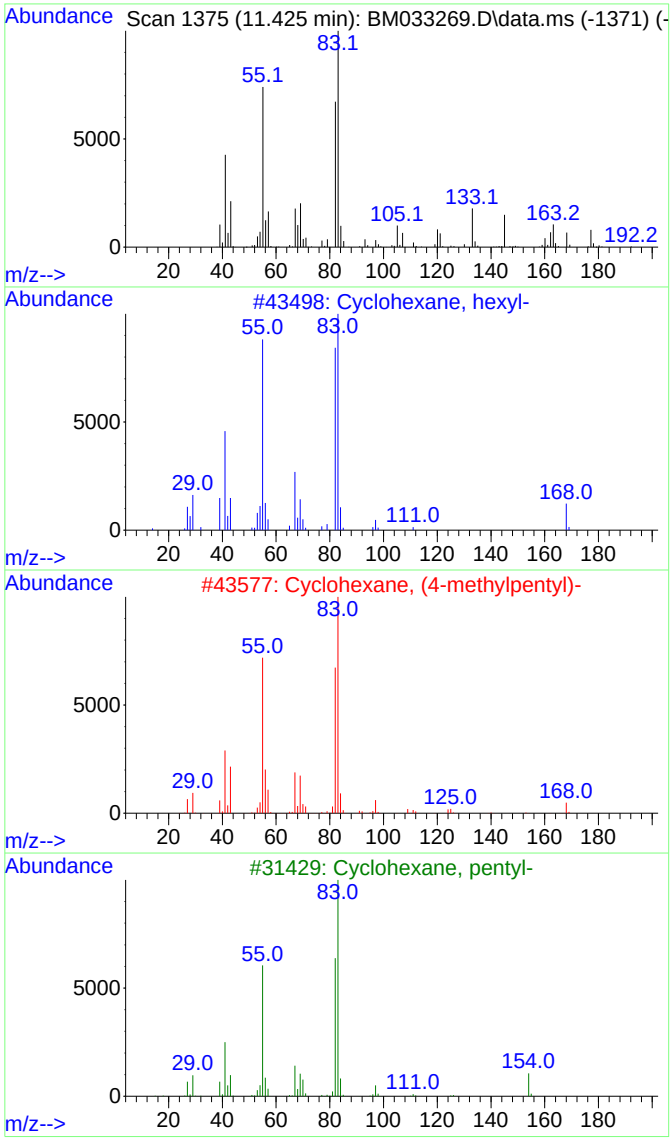
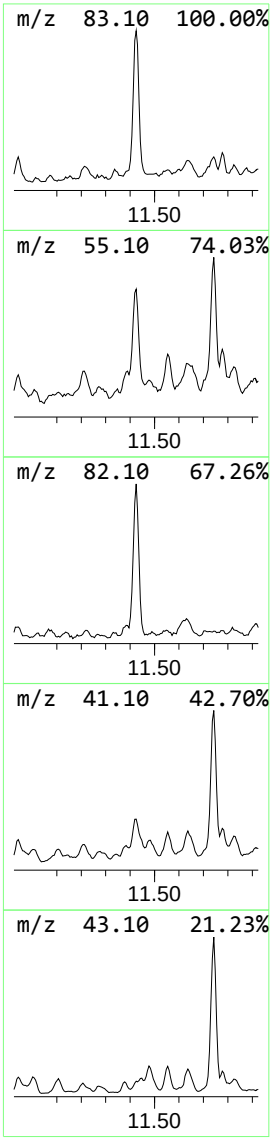
Peak Number 3 Cyclohexane, hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.425	37.53 ng	1409430	Naphthalene-d8	10.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	74
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	74
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	59





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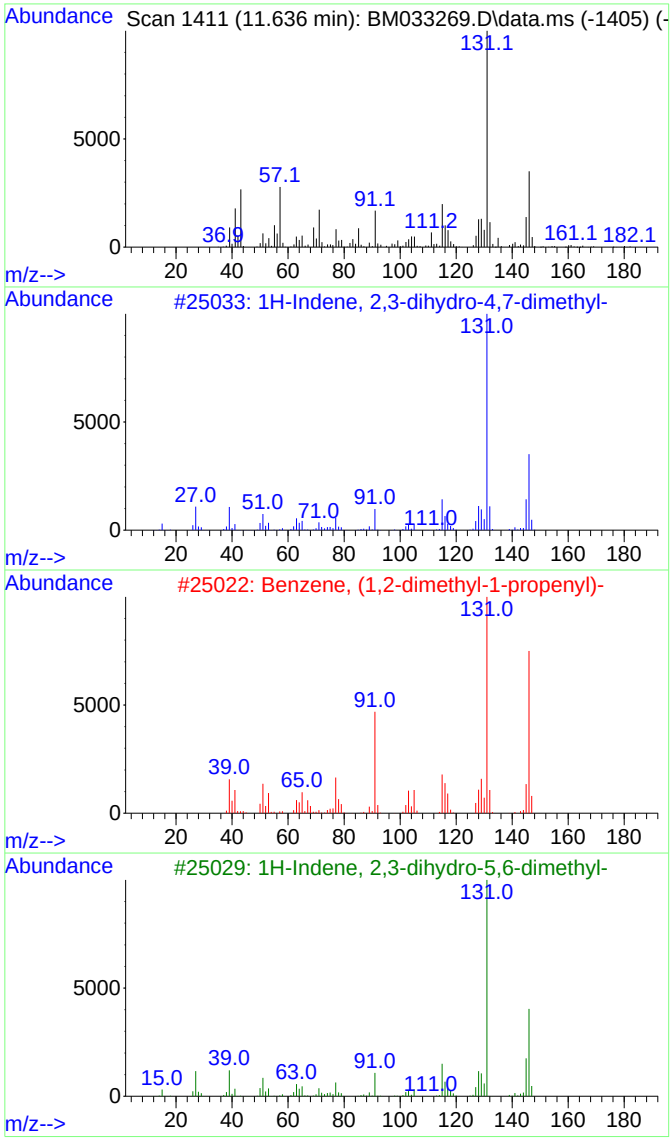
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

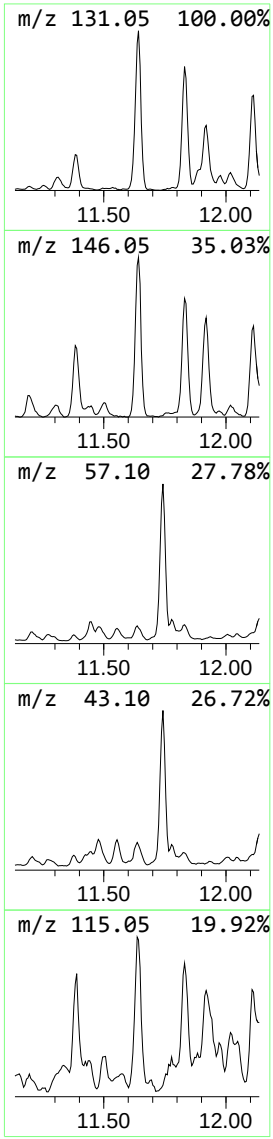
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.636	38.30 ng	1438450	Naphthalene-d8	10.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033269.D
Acq On : 26 Nov 2021 17:41
Operator : CG/JU
Sample : M4815-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

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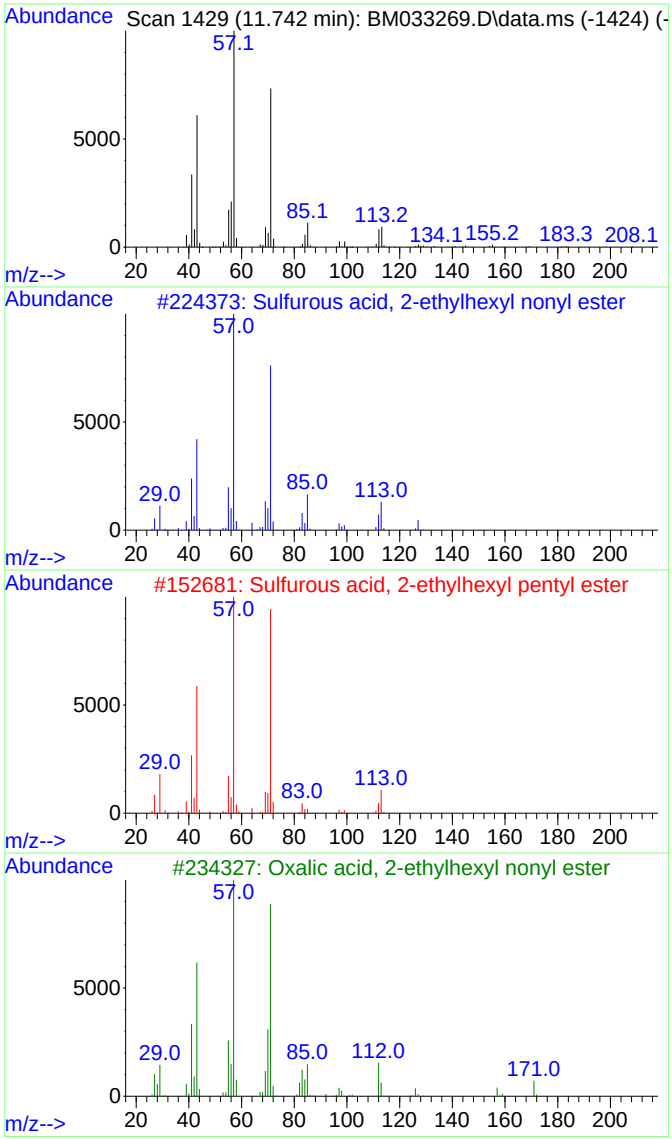
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

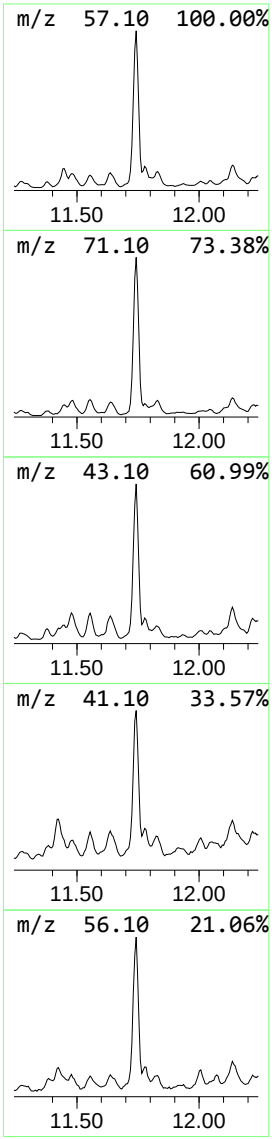
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.742	81.72 ng	3069350	Naphthalene-d8	10.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
2	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
3	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64





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Acq On : 26 Nov 2021 17:41
Operator : CG/JU
Sample : M4815-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-6

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

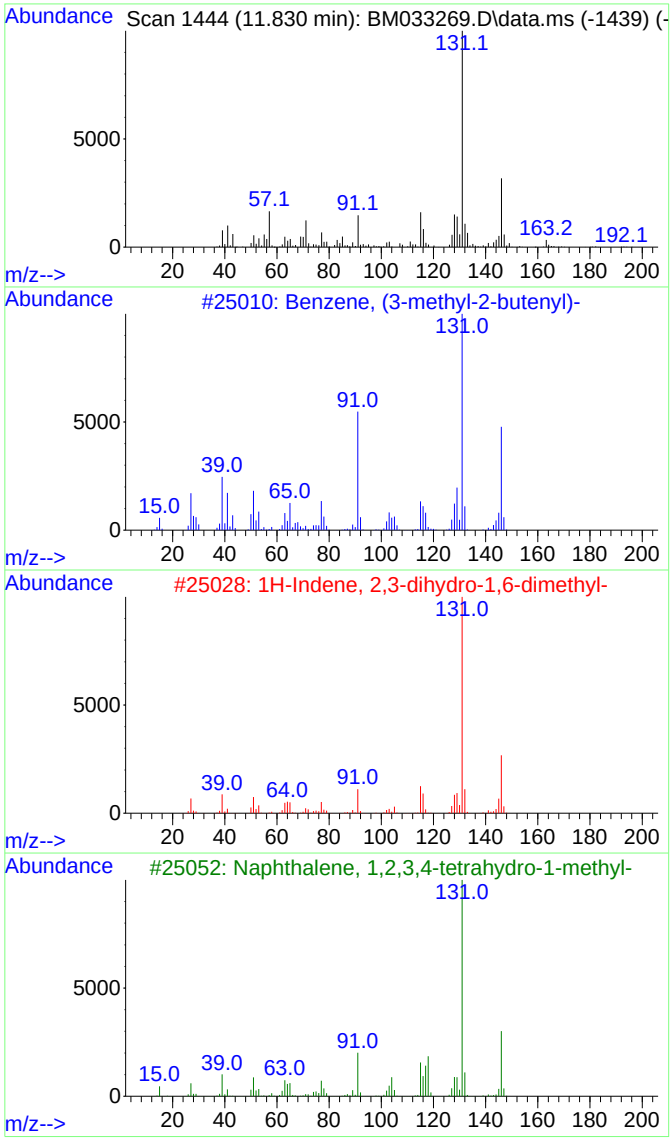
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

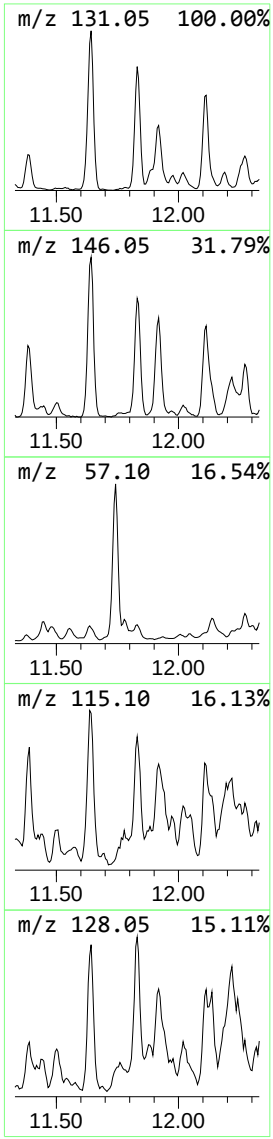
****

Peak Number 6 Benzene, (3-methyl-2-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.830	30.21 ng	1134500	Naphthalene-d8	10.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	90
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

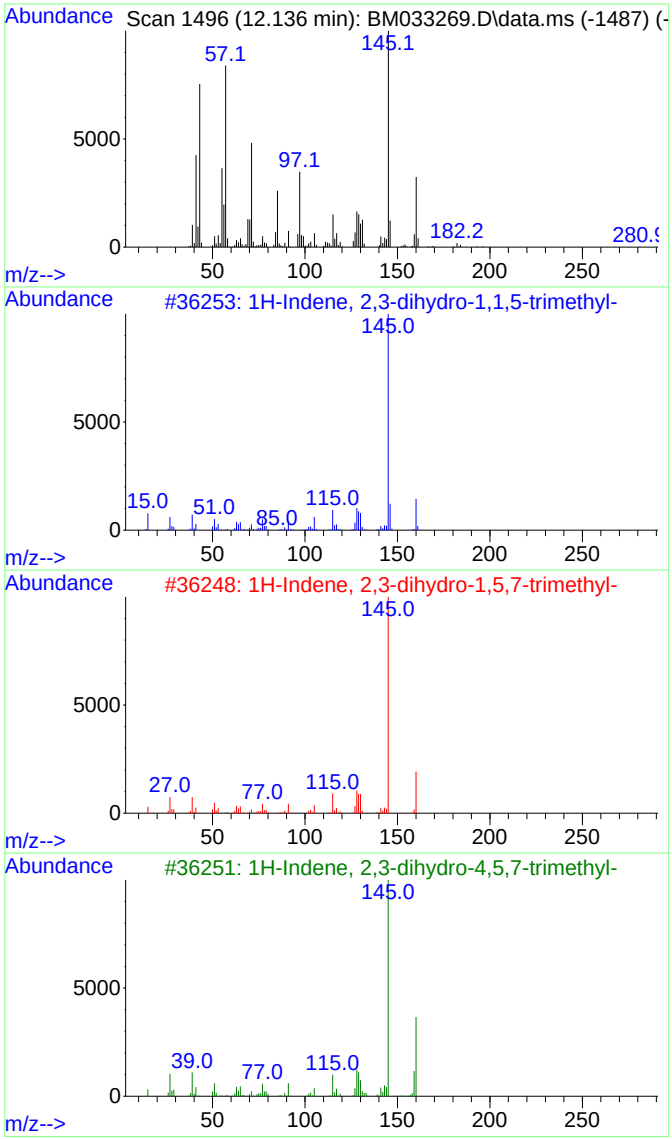
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

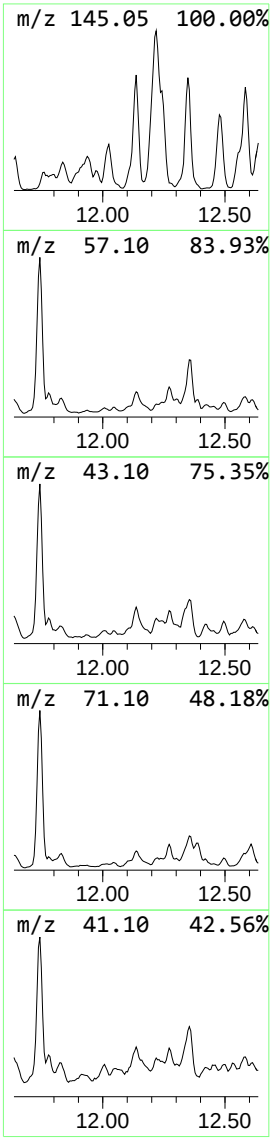
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.136	41.02 ng	1540720	Naphthalene-d8	10.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	60
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	55
3	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	55
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	53





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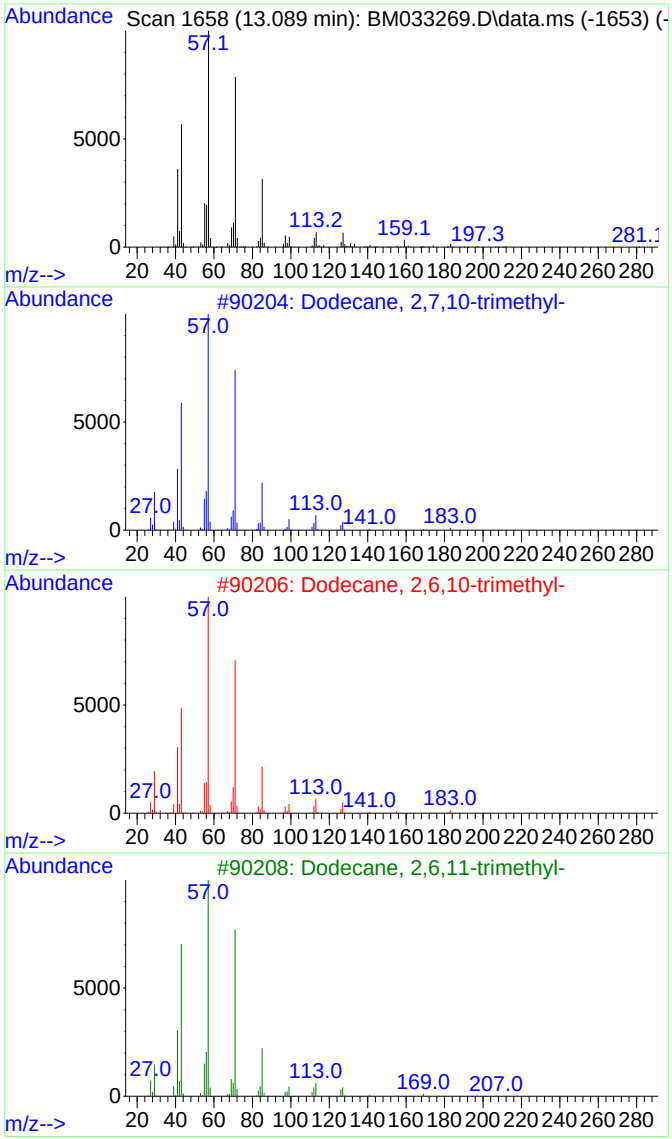
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

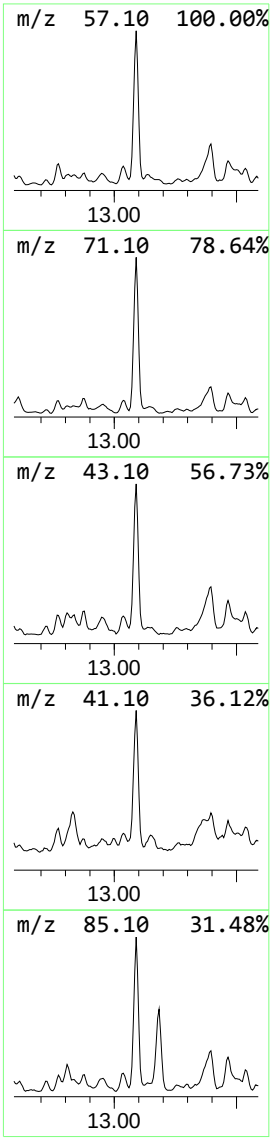
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.089	46.54 ng	3816080	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	53
5	Oxalic acid, butyl neopentyl ester	216	C11H20O4	1000309-72-8	53





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Misc :
ALS Vial : 6 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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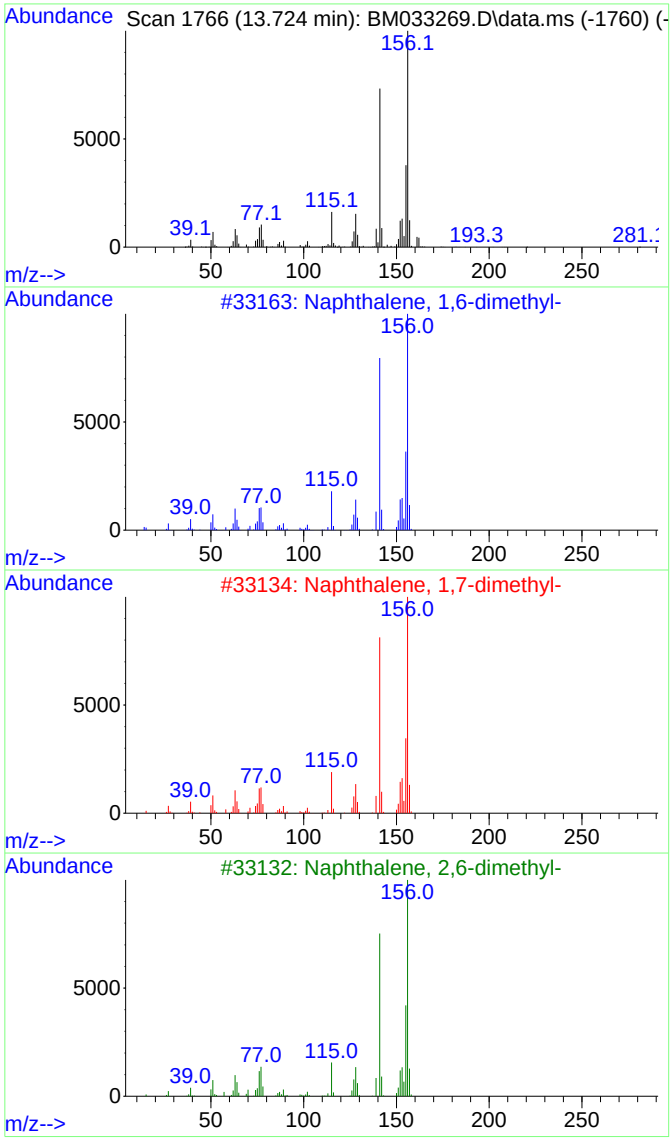
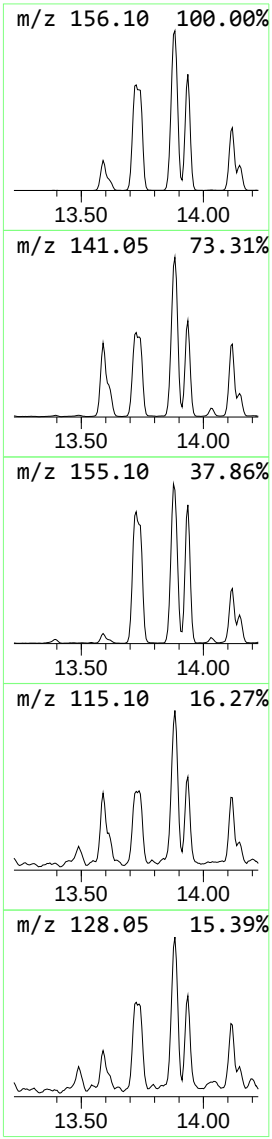
Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.724	51.43 ng	4216750	Acenaphthene-d10	14.560

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	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Misc :
ALS Vial : 6 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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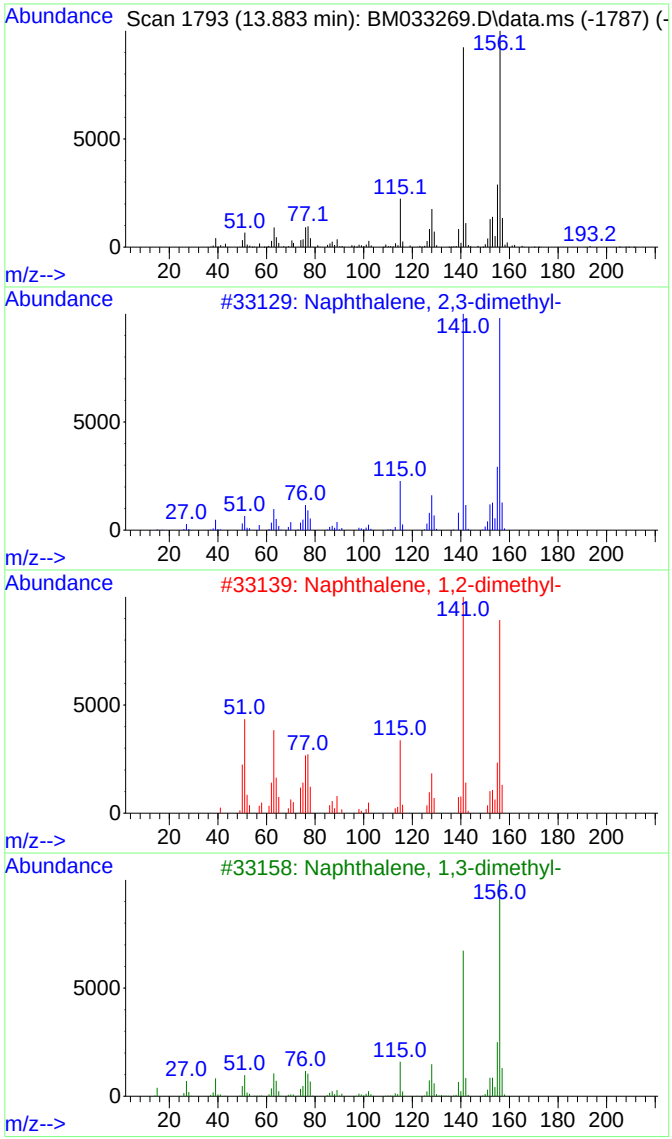
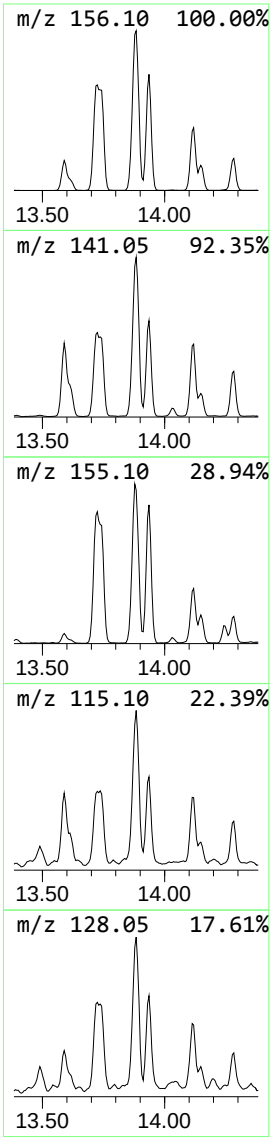
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.883	85.22 ng	6988010	Acenaphthene-d10	14.560

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





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Misc :
ALS Vial : 6 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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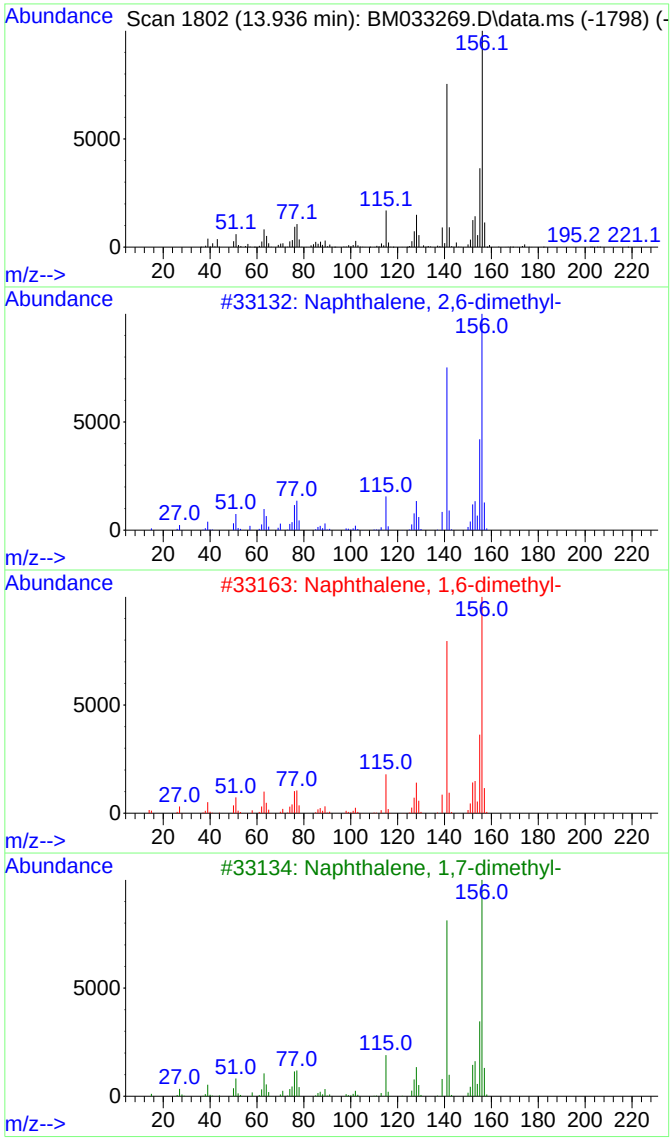
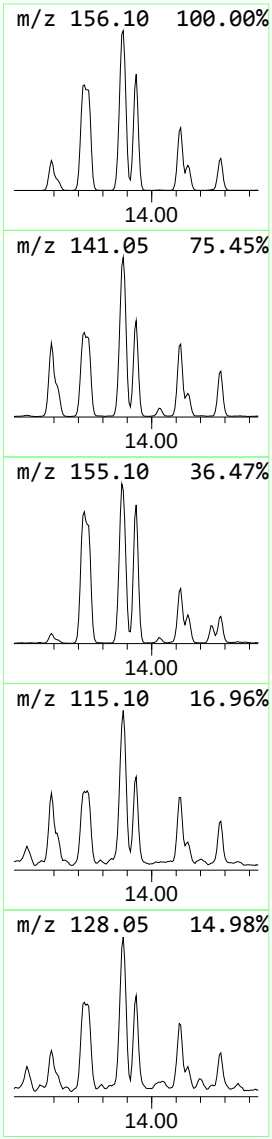
Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.936	46.13 ng	3782750	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : M4815-03
Misc :
ALS Vial : 6 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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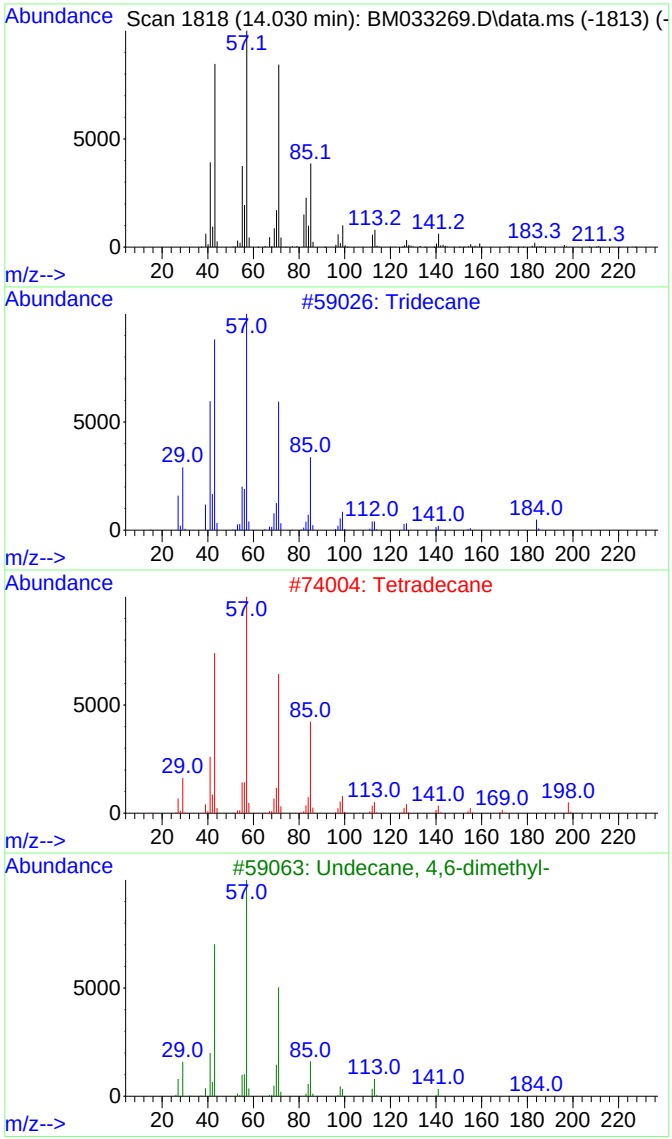
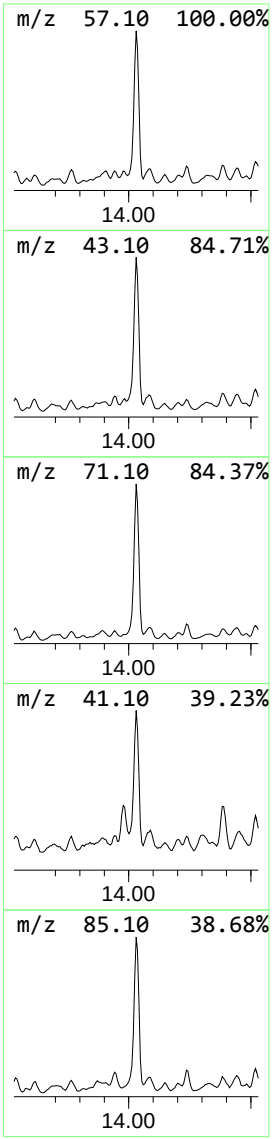
Peak Number 12 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.030	64.89 ng	5320490	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	81
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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ALS Vial : 6 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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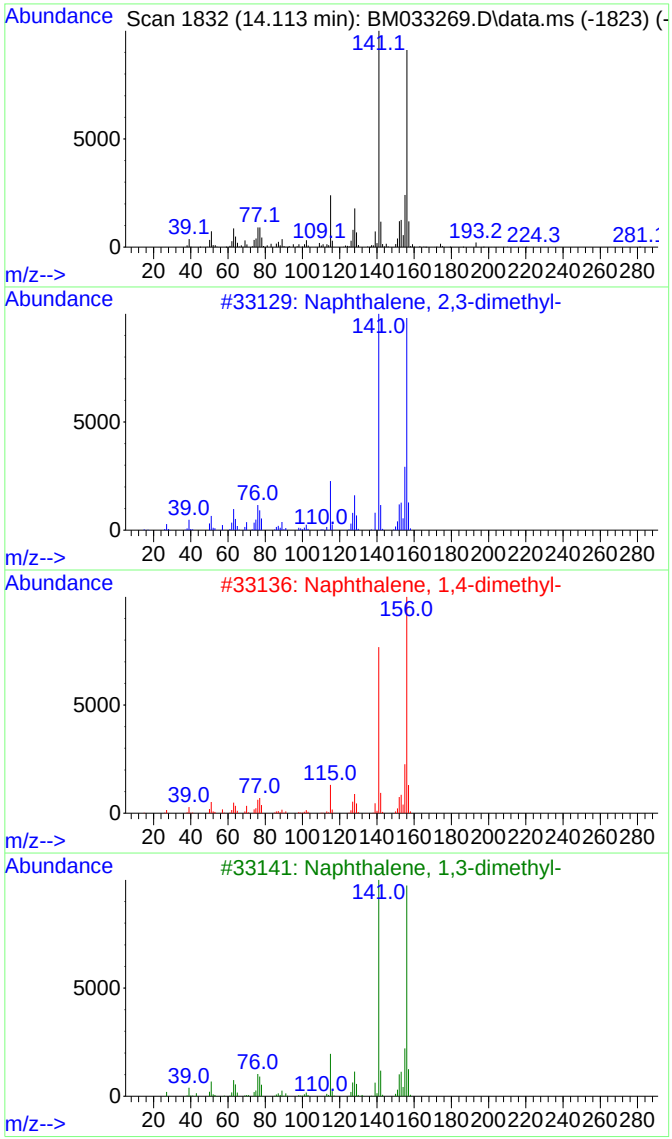
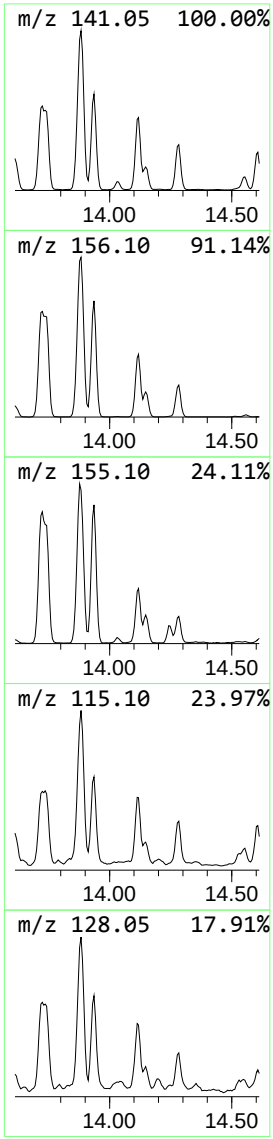
Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.113	36.98 ng	3032040	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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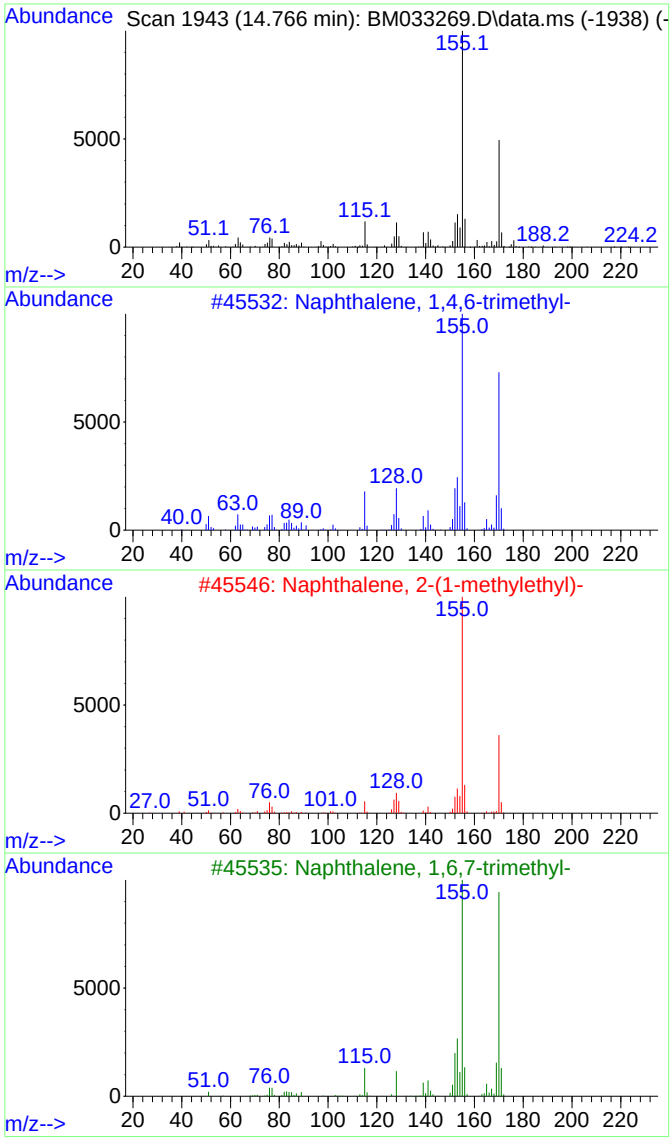
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

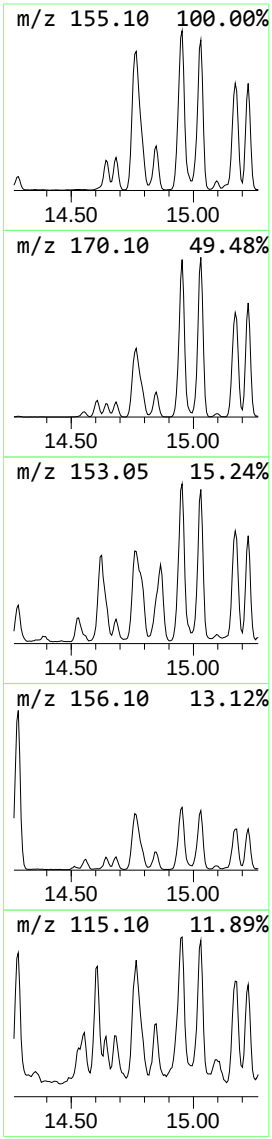
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.765	48.60 ng	3985290	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	74





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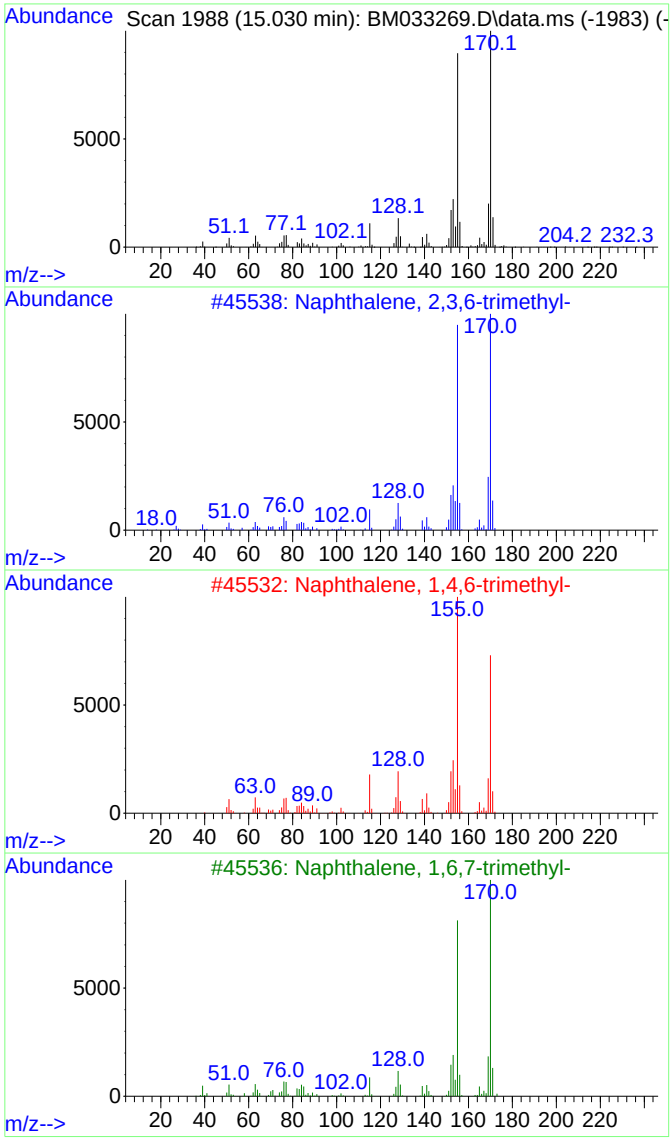
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

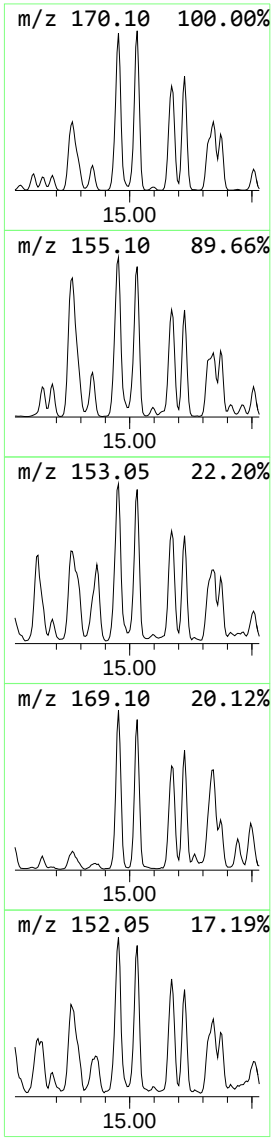
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.030	30.65 ng	2513060	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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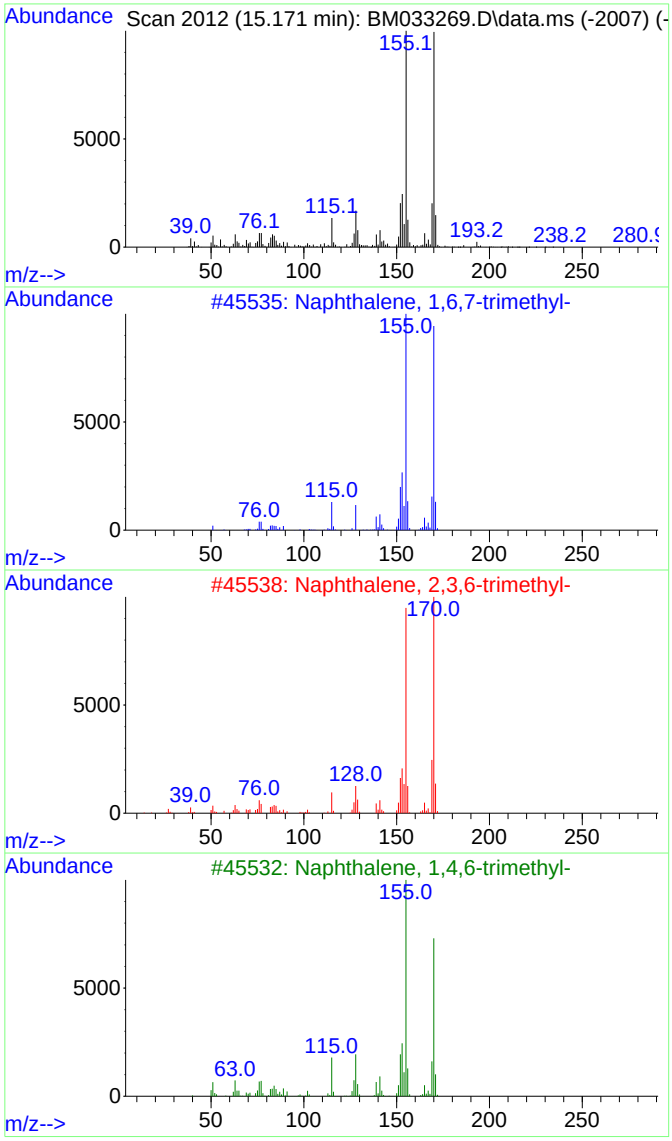
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

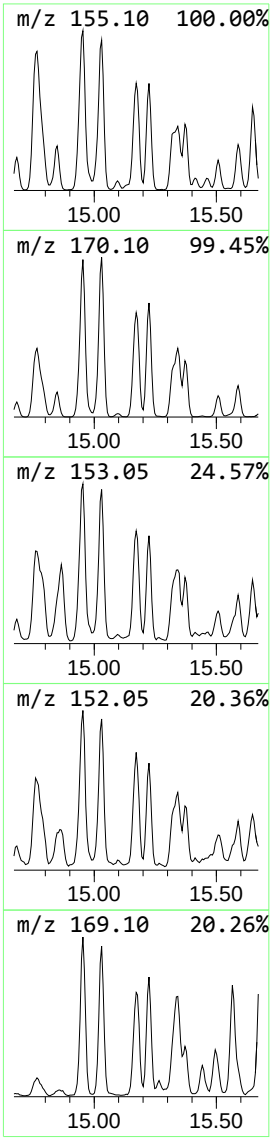
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.171	35.22 ng	2888300	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Data File : BM033269.D
Acq On : 26 Nov 2021 17:41
Operator : CG/JU
Sample : M4815-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-6

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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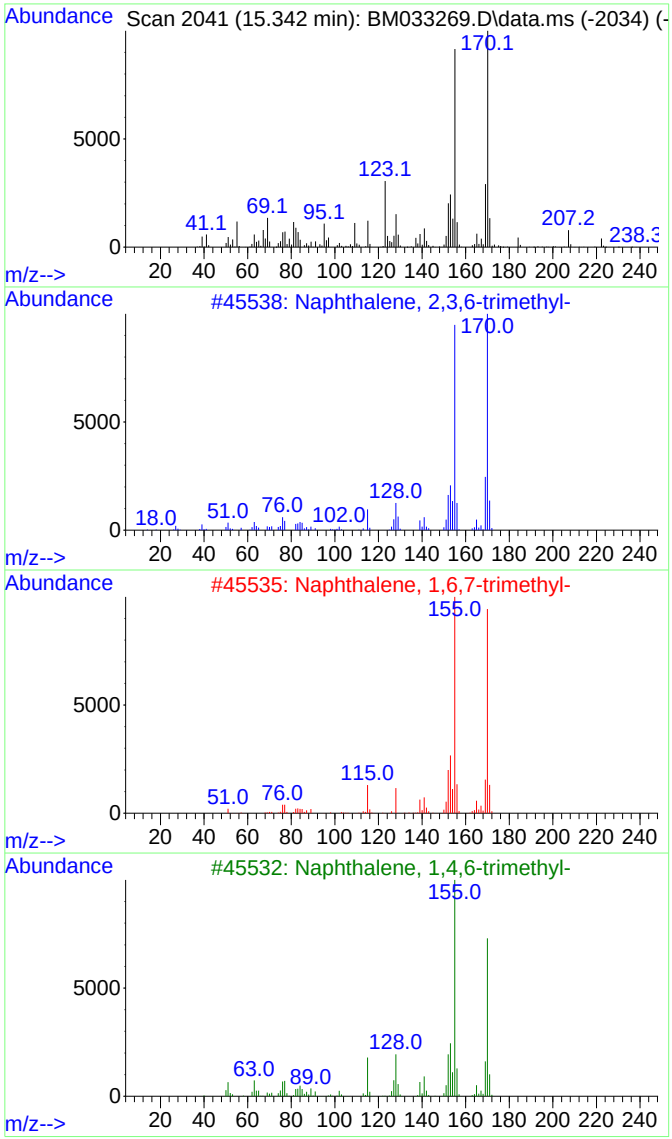
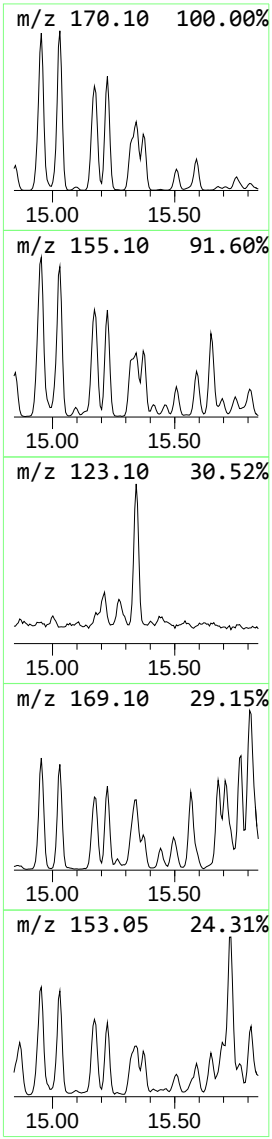
Peak Number 17 4,6,8-Trimethylazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.342	27.39 ng	2245610	Acenaphthene-d10	14.560

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	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89





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Data File : BM033269.D
Acq On : 26 Nov 2021 17:41
Operator : CG/JU
Sample : M4815-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-6

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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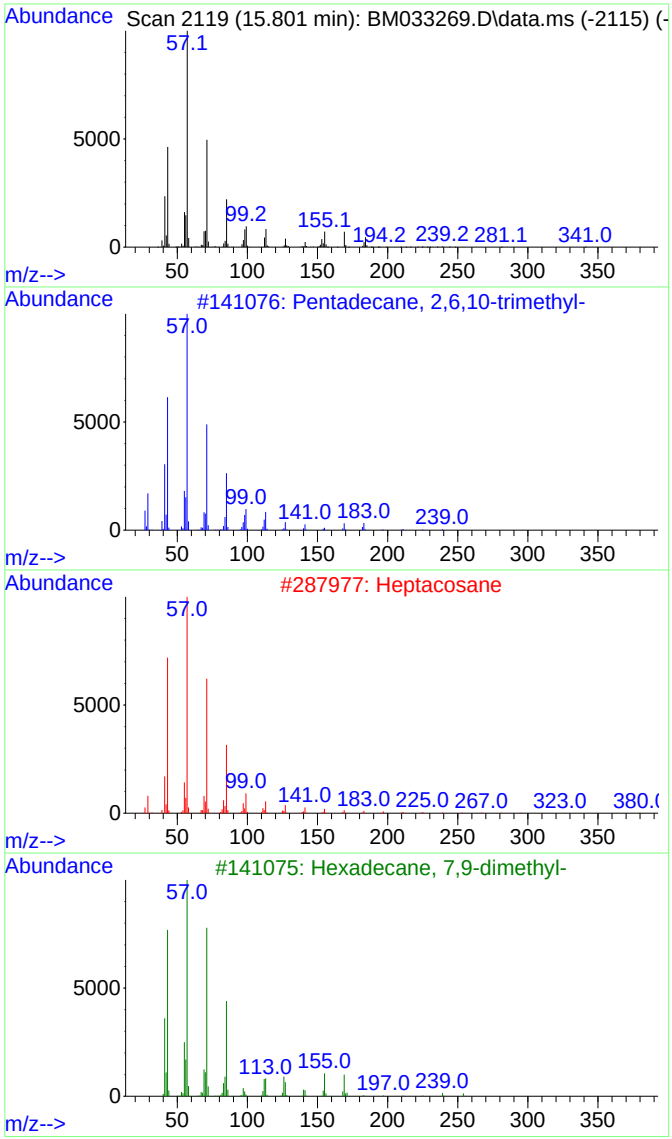
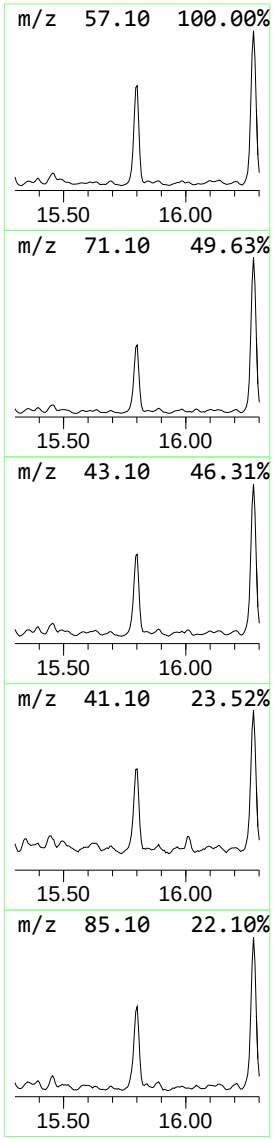
Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.801	57.79 ng	4738190	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Heptacosane	380	C27H56	000593-49-7	72
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	68
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64





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Data File : BM033269.D
Acq On : 26 Nov 2021 17:41
Operator : CG/JU
Sample : M4815-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-6

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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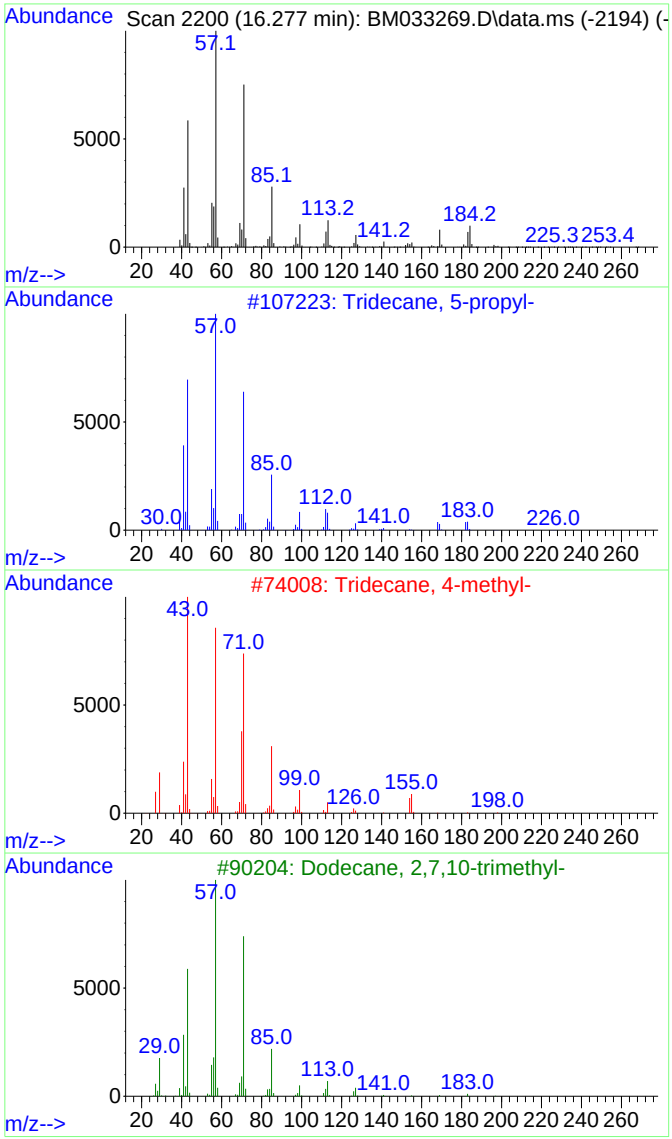
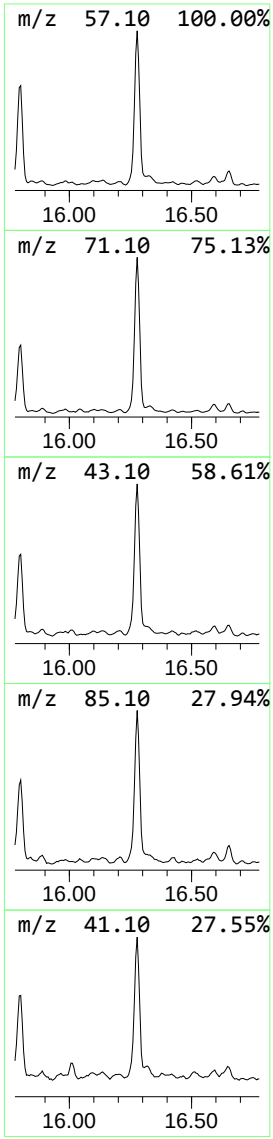
Peak Number 19 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.277	86.12 ng	8254080	Phenanthrene-d10	17.295

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72





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Data File : BM033269.D
Acq On : 26 Nov 2021 17:41
Operator : CG/JU
Sample : M4815-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-6

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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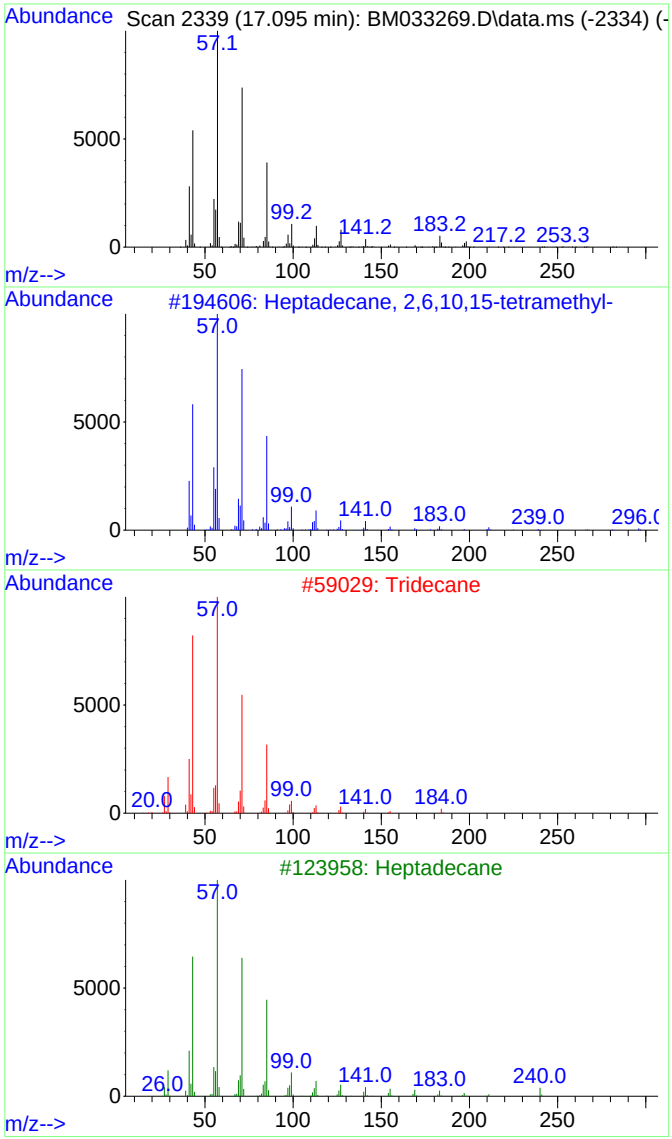
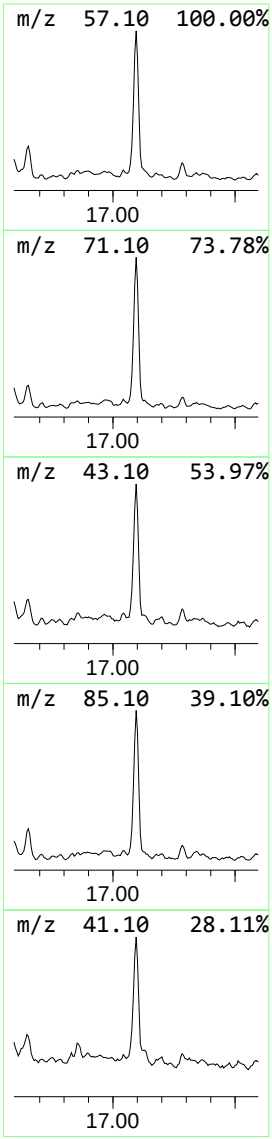
Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.095	49.86 ng	4778380	Phenanthrene-d10	17.295

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033269.D
Acq On : 26 Nov 2021 17:41
Operator : CG/JU
Sample : M4815-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-6

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, 1-meth...	10.131	35.3	ng	1326350	2	10.730	751143	20.0
Undecane, 2,6-d...	10.878	49.5	ng	1857090	2	10.730	751143	20.0
Cyclohexane, he...	11.425	37.5	ng	1409430	2	10.730	751143	20.0
1H-Indene, 2,3-...	11.636	38.3	ng	1438450	2	10.730	751143	20.0
Sulfurous acid,...	11.742	81.7	ng	3069350	2	10.730	751143	20.0
Benzene, (3-met...	11.830	30.2	ng	1134500	2	10.730	751143	20.0
1H-Indene, 2,3-...	12.136	41.0	ng	1540720	2	10.730	751143	20.0
Dodecane, 2,7,1...	13.089	46.5	ng	3816080	3	14.560	1639920	20.0
Naphthalene, 1,...	13.724	51.4	ng	4216750	3	14.560	1639920	20.0
Naphthalene, 2,...	13.883	85.2	ng	6988010	3	14.560	1639920	20.0
Naphthalene, 2,...	13.936	46.1	ng	3782750	3	14.560	1639920	20.0
Tridecane	14.030	64.9	ng	5320490	3	14.560	1639920	20.0
Naphthalene, 1,...	14.113	37.0	ng	3032040	3	14.560	1639920	20.0
Naphthalene, 1,...	14.765	48.6	ng	3985290	3	14.560	1639920	20.0
Naphthalene, 2,...	15.030	30.6	ng	2513060	3	14.560	1639920	20.0
Naphthalene, 1,...	15.171	35.2	ng	2888300	3	14.560	1639920	20.0
4,6,8-Trimethyl...	15.342	27.4	ng	2245610	3	14.560	1639920	20.0
Pentadecane, 2,...	15.801	57.8	ng	4738190	3	14.560	1639920	20.0
Tridecane, 5-pr...	16.277	86.1	ng	8254080	4	17.295	1916800	20.0
Heptadecane, 2,...	17.095	49.9	ng	4778380	4	17.295	1916800	20.0