LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053234.D
Acq On : 21 Apr 2022 2:58
Operator : CG/JU
Sample : N2444-12 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12

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_G\Methods\8270-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053234.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.682	382	390	403	rVB	235910	421127	9.83%	0.489%
2	7.268	653	660	673	rVB2	309818	646420	15.09%	0.750%
3	8.114	798	804	810	rVB	166715	308738	7.21%	0.358%
4	9.224	983	993	998	rBV3	359852	817728	19.09%	0.949%
5	9.312	1005	1008	1017	rVB4	160664	313324	7.32%	0.364%
6	9.847	1092	1099	1103	rBV4	165846	275363	6.43%	0.320%
7	10.006	1117	1126	1129	rBV5	159746	321566	7.51%	0.373%
8	10.047	1129	1133	1138	rVV	194324	322492	7.53%	0.374%
9	10.111	1138	1144	1150	rVV5	273937	569627	13.30%	0.661%
10	10.170	1150	1154	1164	rVB	152776	316280	7.38%	0.367%
11	10.323	1174	1180	1185	rBV2	397315	736770	17.20%	0.855%
12	10.505	1205	1211	1221	rBV6	125446	324645	7.58%	0.377%
13	10.622	1226	1231	1240	rBV2	157103	376146	8.78%	0.437%
14	10.910	1272	1280	1287	rBV3	332089	941555	21.98%	1.093%
15	11.039	1298	1302	1313	rVB	297631	664852	15.52%	0.772%
16	11.145	1315	1320	1329	rVB3	157588	307965	7.19%	0.357%
17	11.398	1358	1363	1372	rVB3	297865	776038	18.12%	0.901%
18	11.586	1391	1395	1398	rBV	242078	398611	9.31%	0.463%
19	11.627	1398	1402	1409	rVB4	383479	758117	17.70%	0.880%
20	11.703	1410	1415	1419	rBV2	152172	270912	6.32%	0.314%
21	11.844	1432	1439	1445	rVB	368250	735983	17.18%	0.854%
22	11.944	1451	1456	1460	rBV	762454	1125029	26.27%	1.306%
23	12.032	1466	1471	1476	rVB	317352	557191	13.01%	0.647%
24	12.114	1479	1485	1492	rBV3	607184	1145600	26.75%	1.330%
25	12.214	1497	1502	1505	rBV4	173275	289043	6.75%	0.335%
26	12.320	1513	1520	1524	rBV3	192978	523994	12.23%	0.608%
27	12.467	1542	1545	1550	rVB2	304560	422692	9.87%	0.491%
28	12.537	1554	1557	1566	rVB3	275344	587673	13.72%	0.682%
29	12.667	1573	1579	1585	rBV4	150564	398852	9.31%	0.463%
30	12.825	1601	1606	1611	rBV2	523250	948613	22.15%	1.101%
31	13.025	1634	1640	1646	rVB4	309794	617884	14.43%	0.717%
32	13.090	1646	1651	1655	rBV4	163267	326214	7.62%	0.379%
33	13.278	1674	1683	1690	rBV2	1160793	2128276	49.69%	2.470%
34	13.360	1693	1697	1703	rVB2	339729	506877	11.83%	0.588%
35	13.536	1723	1727	1734	rBV6	280479	587496	13.72%	0.682%
36	13.689	1748	1753	1757	rVB2	430534	800982	18.70%	0.930%

LSC Area Percent Report

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Sample : N2444-12 2X
Misc :
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Instrument :
BNA_G
ClientSampleId :
SB-12

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_G\Methods\8270-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.736	1757	1761	1764	rBV5	195982	306996	7.17%	0.356%
38	13.777	1764	1768	1776	rVB	616211	1289041	30.10%	1.496%
39	13.906	1784	1790	1794	rBV	1218144	1895817	44.26%	2.200%
40	14.071	1812	1818	1823	rVV	1754275	3207845	74.89%	3.723%
41	14.123	1823	1827	1832	rVB	1097098	1611043	37.61%	1.870%
42	14.176	1832	1836	1839	rBV	417333	626986	14.64%	0.728%
43	14.217	1839	1843	1847	rVV	1361470	1824608	42.60%	2.118%
44	14.306	1853	1858	1868	rVB3	847935	1994336	46.56%	2.315%
45	14.470	1882	1886	1891	rBV	426138	720057	16.81%	0.836%
46	14.582	1901	1905	1909	rVB2	430924	657841	15.36%	0.763%
47	14.711	1922	1927	1928	rBV2	325493	483811	11.30%	0.561%
48	14.740	1929	1932	1936	rVB2	434042	631892	14.75%	0.733%
49	14.793	1937	1941	1943	rBV	246390	353606	8.26%	0.410%
50	14.952	1962	1968	1976	rVB	902845	2251653	52.57%	2.613%
51	15.034	1978	1982	1985	rBV2	248961	400523	9.35%	0.465%
52	15.140	1993	2000	2007	rVB2	1311753	2394051	55.89%	2.778%
53	15.216	2007	2013	2017	rBV	1024809	1574335	36.76%	1.827%
54	15.257	2017	2020	2031	rVB6	472649	1118833	26.12%	1.298%
55	15.357	2032	2037	2042	rBV	849618	1623872	37.91%	1.885%
56	15.410	2042	2046	2051	rVB	892753	1322449	30.88%	1.535%
57	15.457	2051	2054	2059	rBV5	177638	312241	7.29%	0.362%
58	15.533	2059	2067	2069	rBV2	607814	1278219	29.84%	1.483%
59	15.686	2089	2093	2101	rVB4	274591	599795	14.00%	0.696%
60	15.780	2102	2109	2113	rBV3	574639	1177665	27.49%	1.367%
61	15.915	2129	2132	2135	rVB	250107	288765	6.74%	0.335%
62	15.950	2135	2138	2140	rVV3	365068	524186	12.24%	0.608%
63	15.986	2140	2144	2151	rVB2	1250537	2136266	49.88%	2.479%
64	16.197	2176	2180	2183	rBV3	291830	362827	8.47%	0.421%
65	16.232	2183	2186	2192	rVB4	428068	579609	13.53%	0.673%
66	16.297	2193	2197	2200	rBV	247838	350027	8.17%	0.406%
67	16.373	2207	2210	2215	rBV7	128201	291252	6.80%	0.338%
68	16.467	2220	2226	2232	rVB2	2715964	4283235	100.00%	4.971%
69	16.597	2244	2248	2252	rVB	352770	503202	11.75%	0.584%
70	16.779	2274	2279	2284	rVB6	318035	685732	16.01%	0.796%
71	16.843	2285	2290	2295	rBV5	723323	1188263	27.74%	1.379%
72	16.996	2312	2316	2318	rBV2	247880	375207	8.76%	0.435%
73	17.143	2338	2341	2346	rVB5	236202	353620	8.26%	0.410%
74	17.284	2360	2365	2377	rVB2	1217052	2473166	57.74%	2.870%
75	17.484	2394	2399	2403	rBV2	406846	761975	17.79%	0.884%
76	17.531	2403	2407	2412	rVB	677741	1031532	24.08%	1.197%

LSC Area Percent Report

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Operator : CG/JU
Sample : N2444-12 2X
Misc :
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Instrument :
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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.683	2429	2433	2437	rBV2	258765	422452	9.86%	0.490%
78	17.889	2464	2468	2473	rBV3	538279	867022	20.24%	1.006%
79	18.212	2519	2523	2528	rBV4	196201	388830	9.08%	0.451%
80	18.365	2544	2549	2553	rBV	946596	1459232	34.07%	1.694%
81	18.412	2553	2557	2563	rVB	1139304	1804524	42.13%	2.094%
82	18.547	2577	2580	2585	rVV2	530368	787783	18.39%	0.914%
83	18.594	2585	2588	2597	rVB	501058	863504	20.16%	1.002%
84	19.099	2671	2674	2679	rVB2	511220	669800	15.64%	0.777%
85	19.152	2680	2683	2687	rVV	509340	636267	14.85%	0.738%
86	19.193	2687	2690	2695	rVB	422808	556864	13.00%	0.646%
87	19.275	2699	2704	2708	rBV	1163005	1821264	42.52%	2.114%
88	19.328	2709	2713	2717	rBV2	366425	580925	13.56%	0.674%
89	19.410	2723	2727	2732	rBV	386401	653931	15.27%	0.759%
90	19.810	2791	2795	2802	rVB2	326825	536451	12.52%	0.623%
91	19.910	2807	2812	2818	rVB2	589942	1051569	24.55%	1.220%
92	19.968	2818	2822	2828	rVB	727015	1172814	27.38%	1.361%
93	20.039	2828	2834	2838	rBV3	299598	749523	17.50%	0.870%
94	20.086	2838	2842	2846	rVV	920754	1193494	27.86%	1.385%
95	20.133	2846	2850	2856	rVB3	210297	366376	8.55%	0.425%
96	20.691	2941	2945	2948	rBV2	247816	381103	8.90%	0.442%
97	20.732	2949	2952	2954	rVV	274856	379853	8.87%	0.441%
98	20.762	2955	2957	2962	rVB	320739	379978	8.87%	0.441%
99	21.772	3125	3129	3135	rVB	286683	493699	11.53%	0.573%
100	25.073	3684	3691	3702	rVB3	191233	530301	12.38%	0.615%

Sum of corrected areas: 86164613

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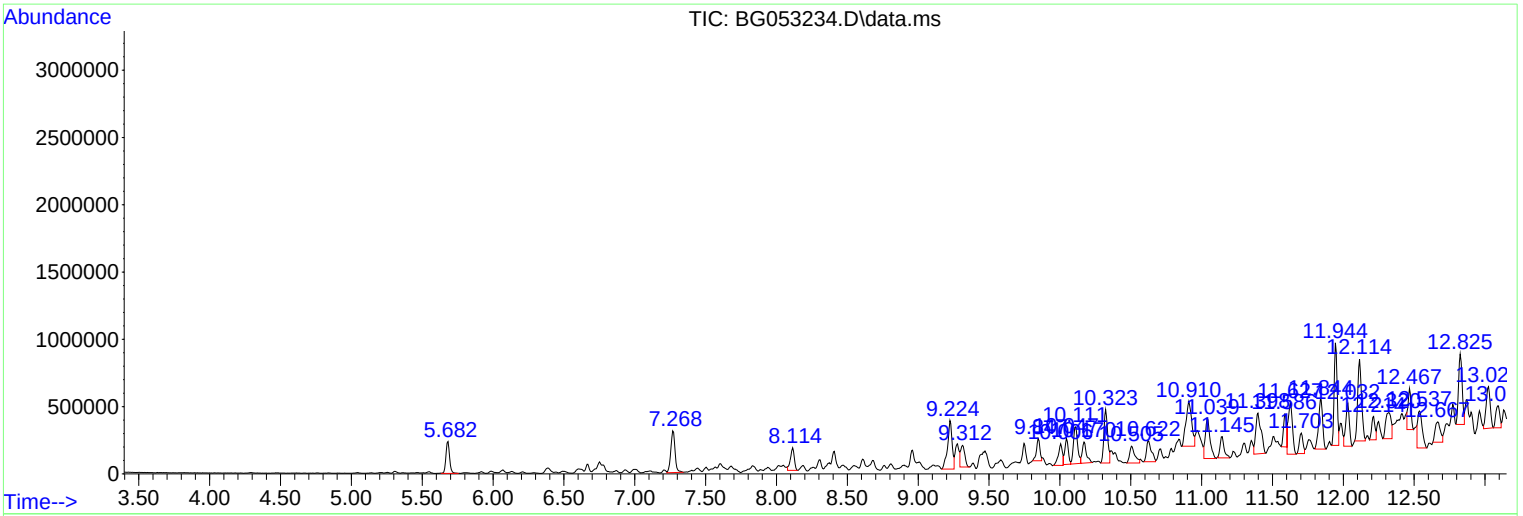
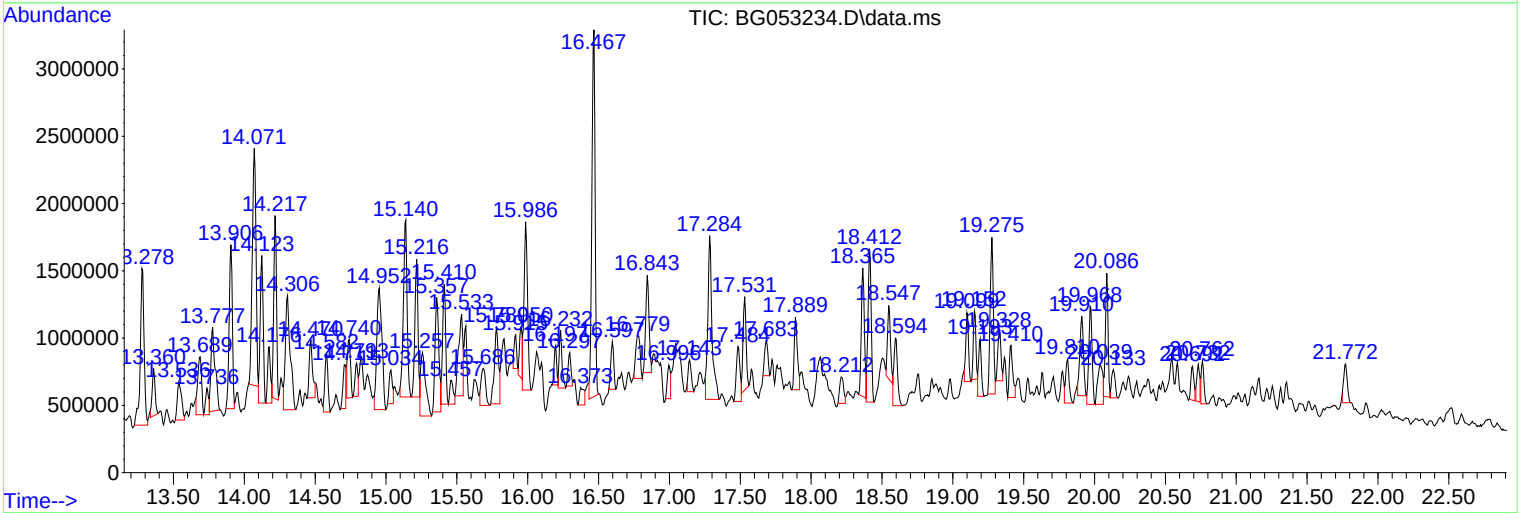
Misc :
ALS Vial : 19 Sample Multiplier: 1

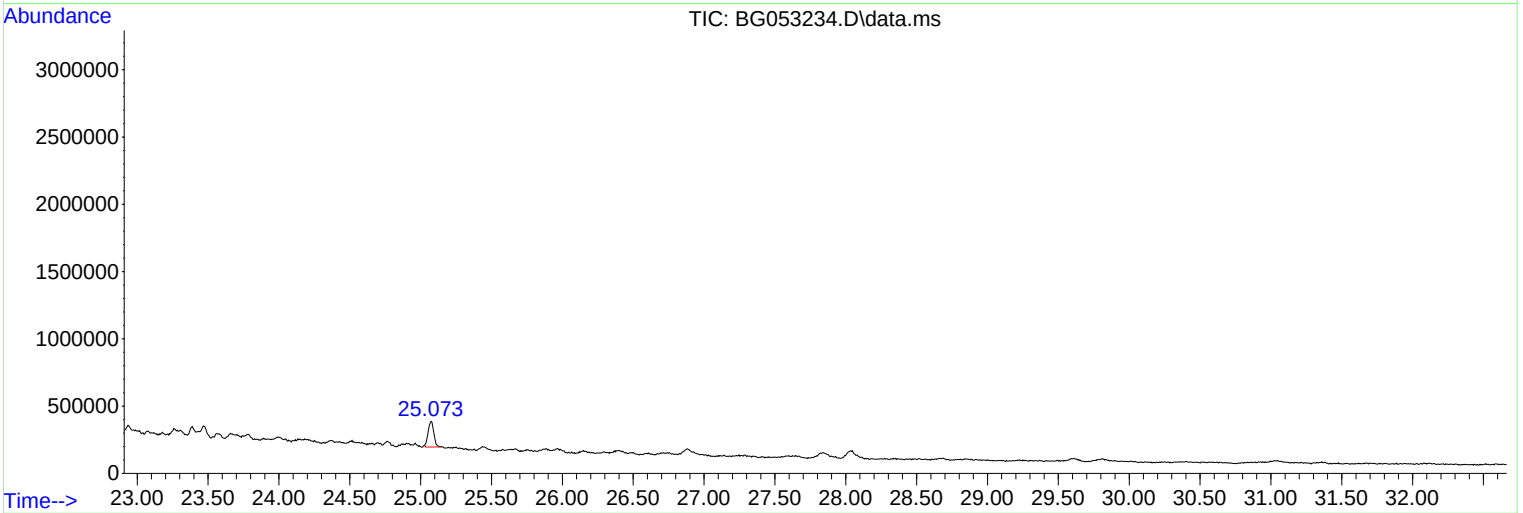
Instrument :
BNA_G
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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_G\Data\BG042022\
Data File : BG053234.D
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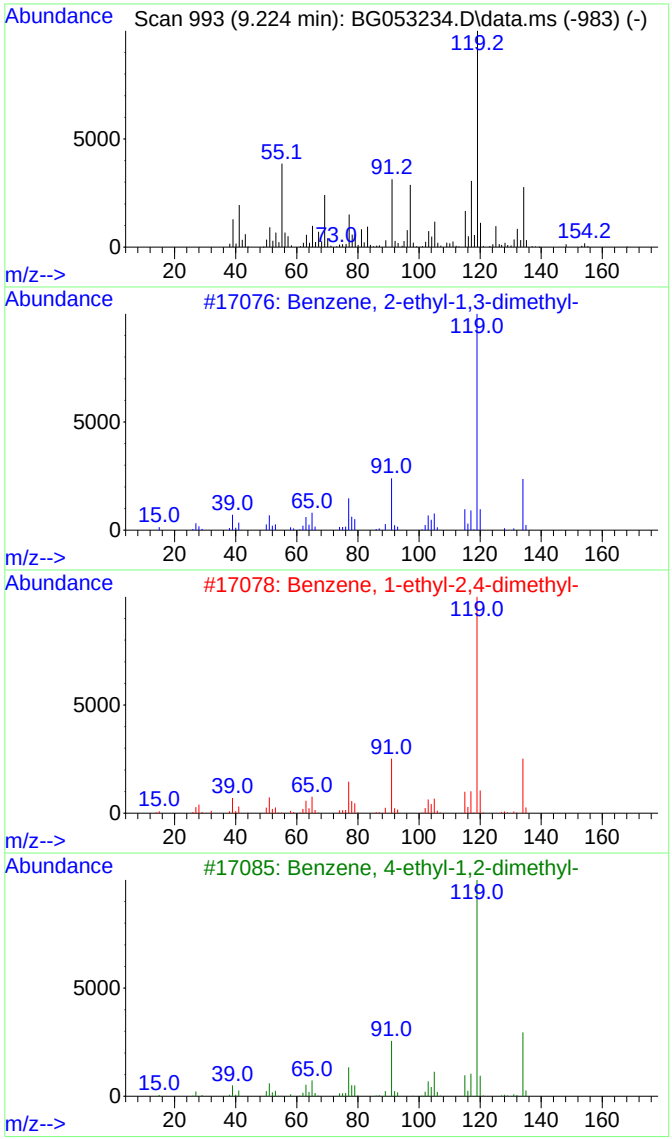
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

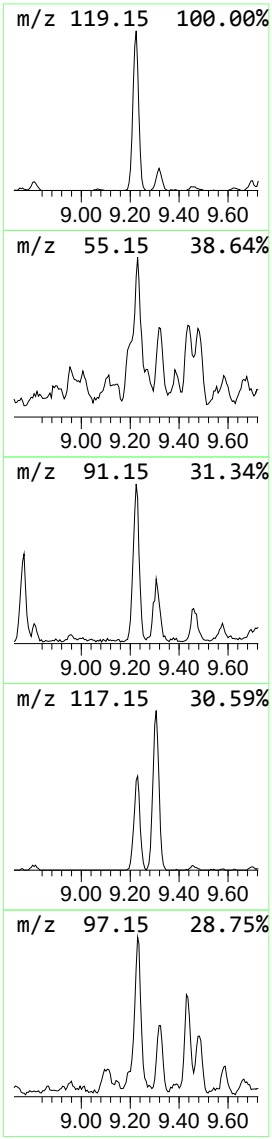
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.224	52.97 ng	817728	1,4-Dichlorobenzene-d4	8.114

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	92
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	o-Cymene	134	C10H14	000527-84-4	70





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Data File : BG053234.D
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

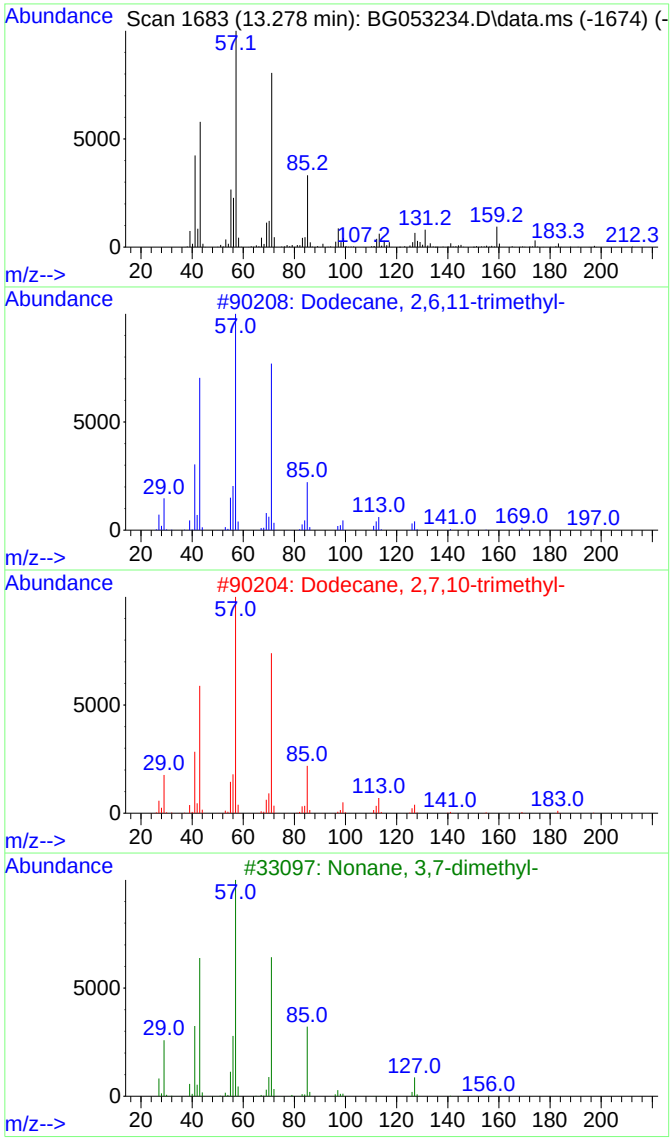
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

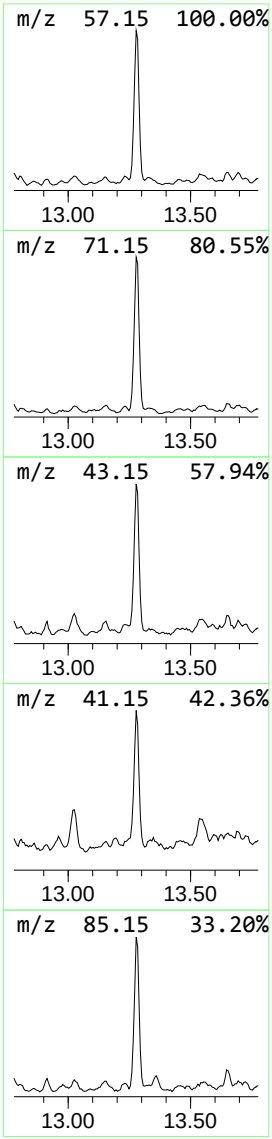
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.278	67.36 ng	2128280	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52
5	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	50





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

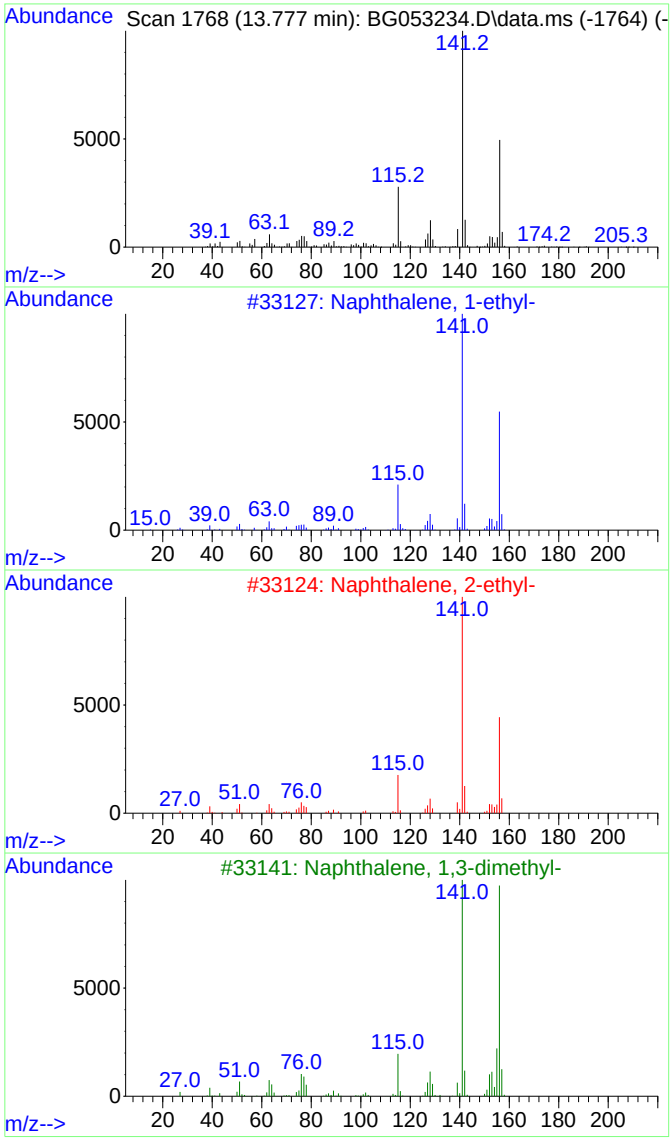
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

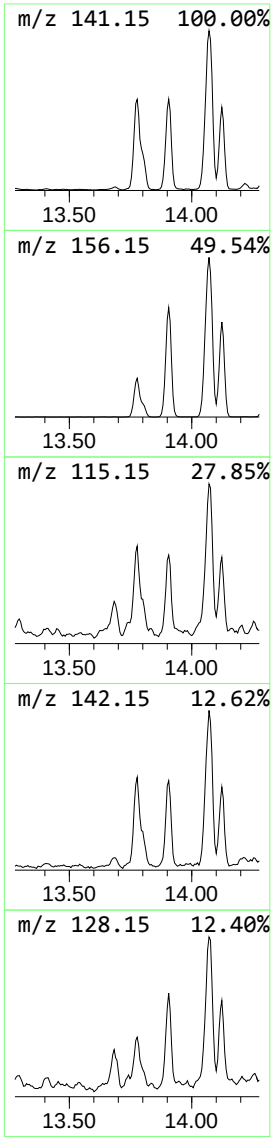
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.777	40.80 ng	1289040	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59





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Data File : BG053234.D
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

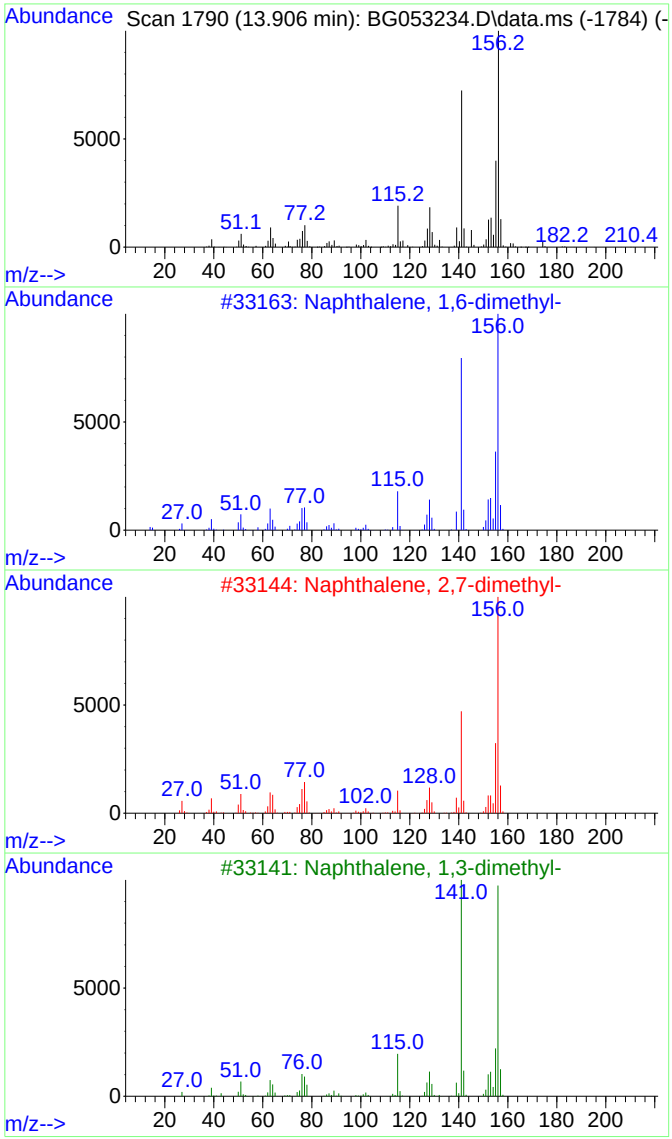
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

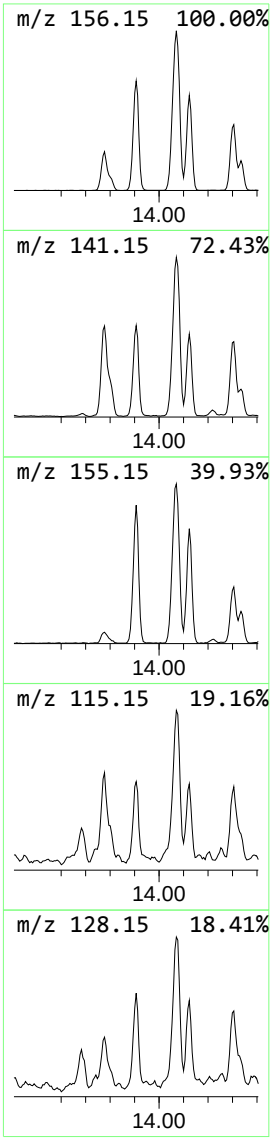
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.906	60.00 ng	1895820	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053234.D
Acq On : 21 Apr 2022 2:58
Operator : CG/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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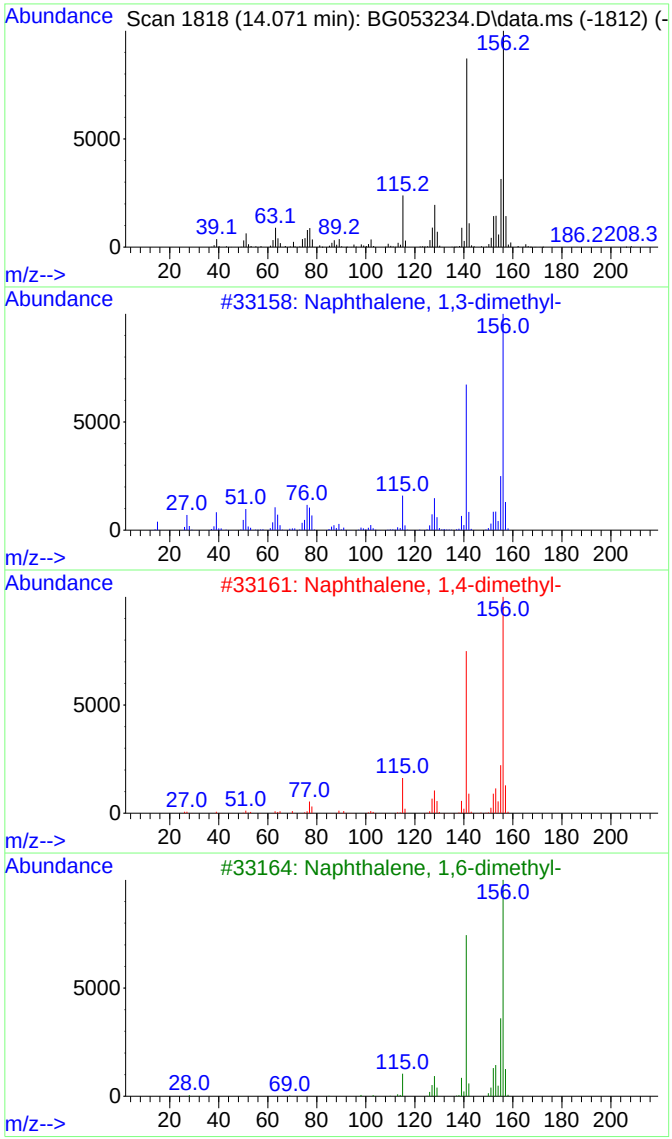
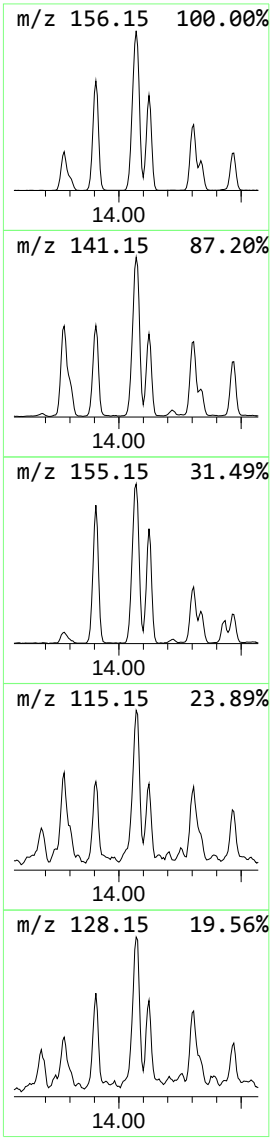
Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.071	101.53 ng	3207850	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 21 Apr 2022 2:58
Operator : CG/JU
Sample : N2444-12 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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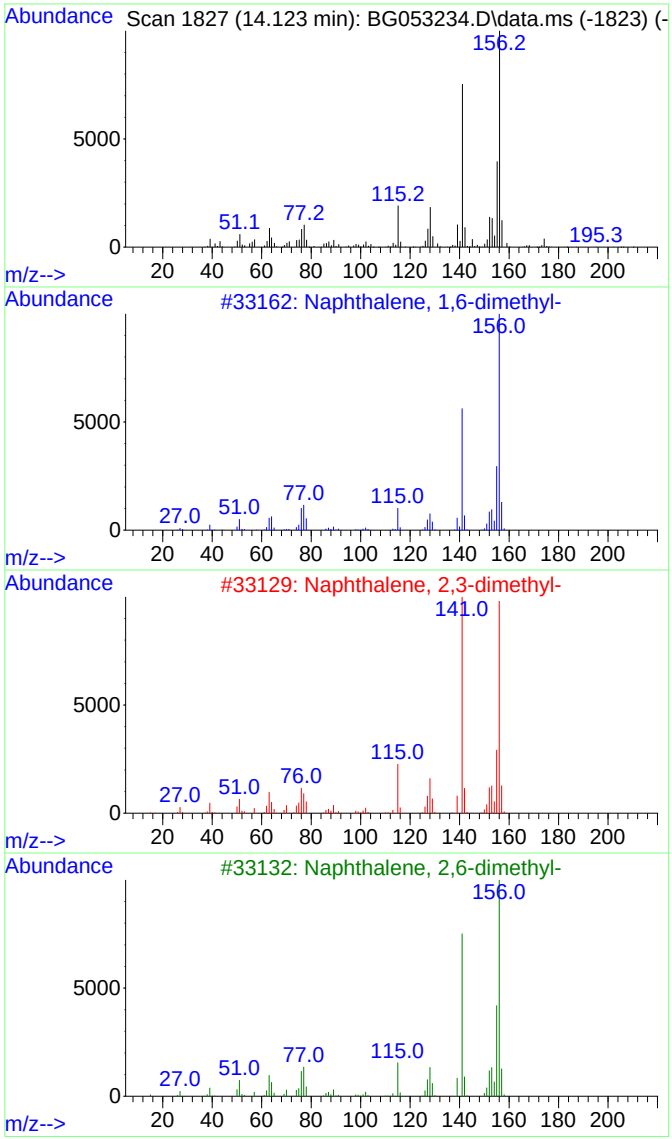
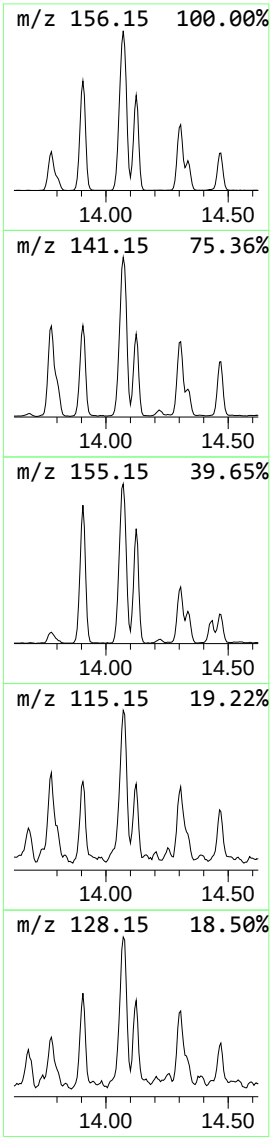
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.124	50.99 ng	1611040	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
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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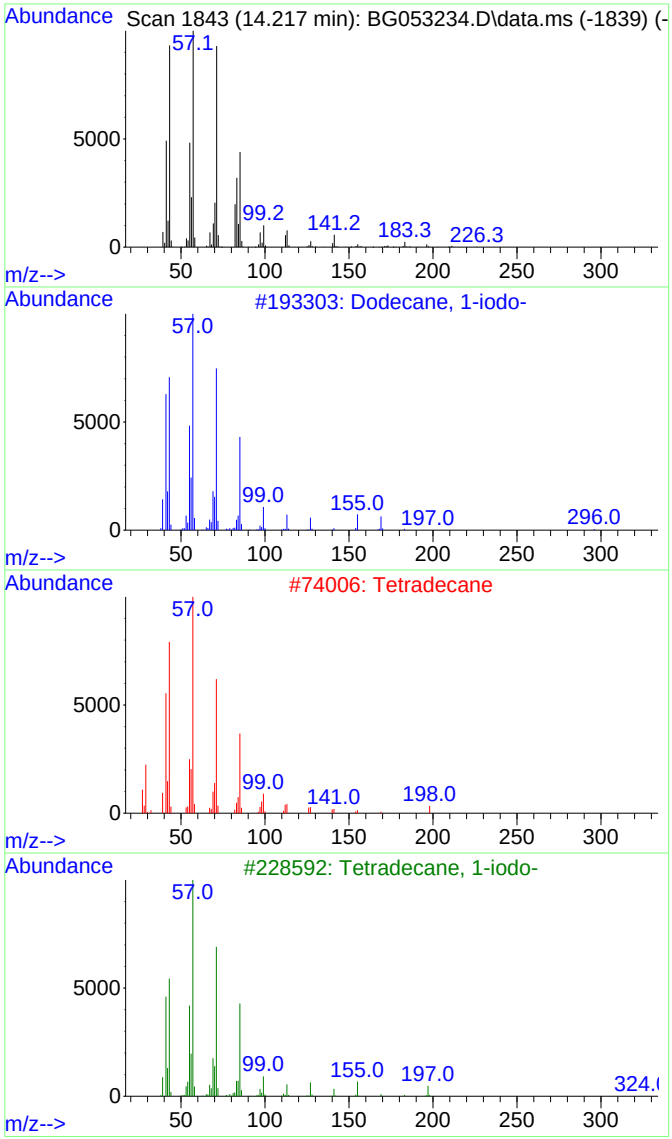
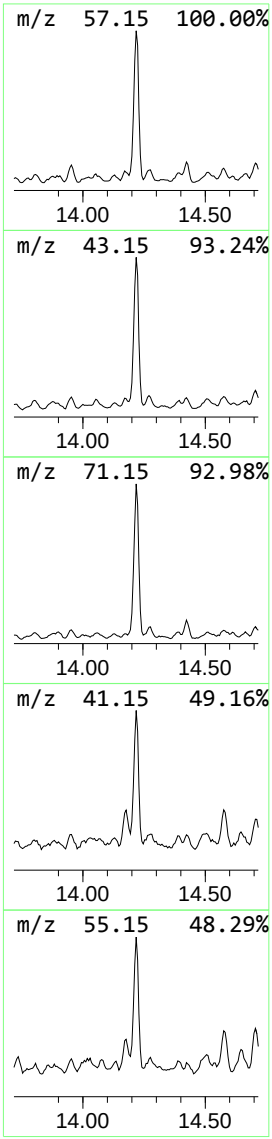
Peak Number 7 Dodecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.217	57.75 ng	1824610	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2	Tetradecane	198	C14H30	000629-59-4	72
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	53
5	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	52





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ALS Vial : 19 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

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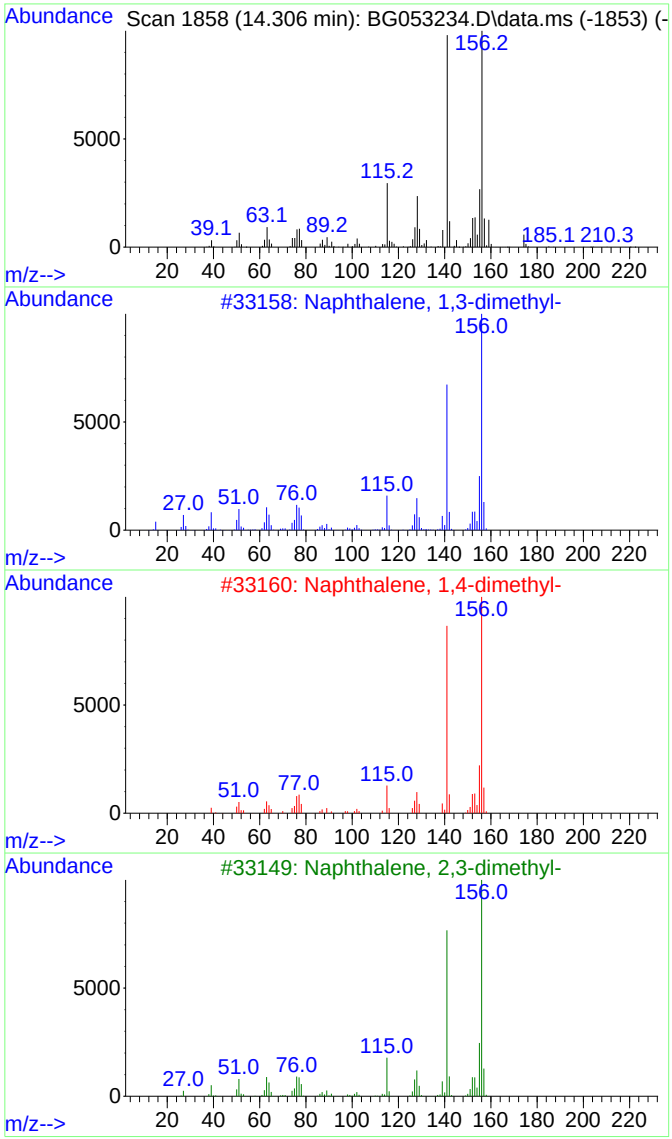
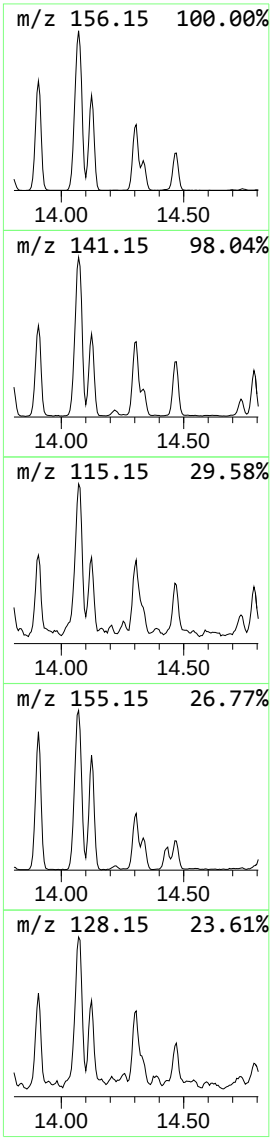
Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	63.12 ng	1994340	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Sample : N2444-12 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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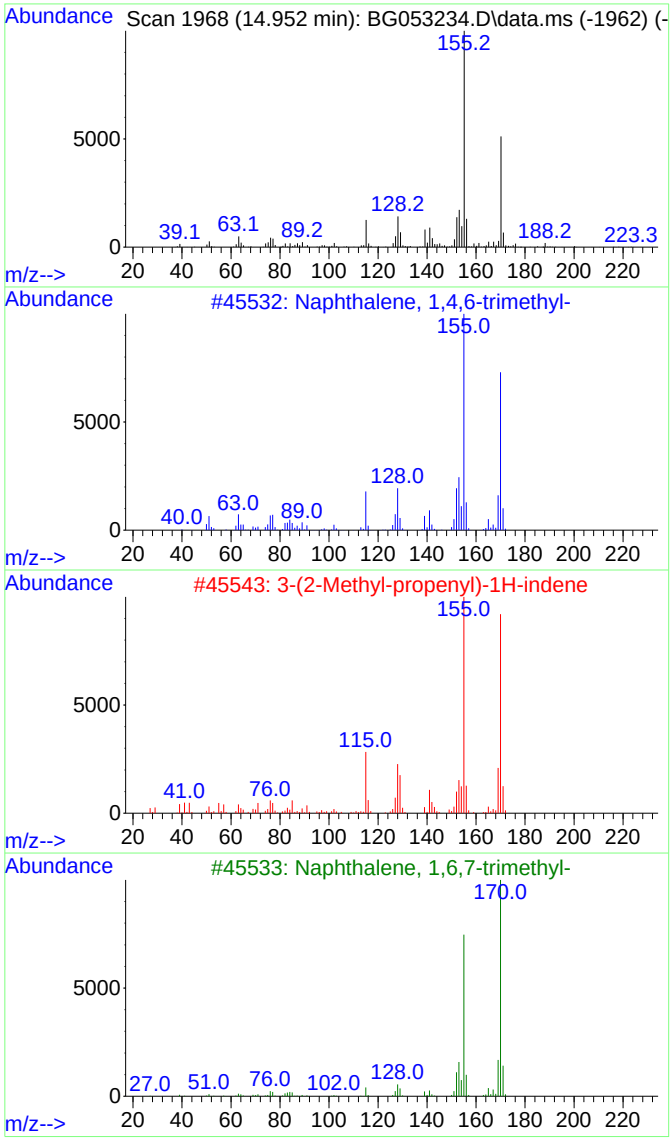
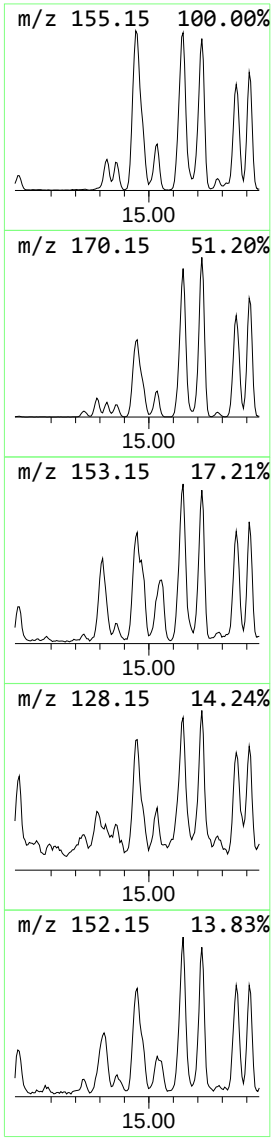
Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.952	71.27 ng	2251650	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91





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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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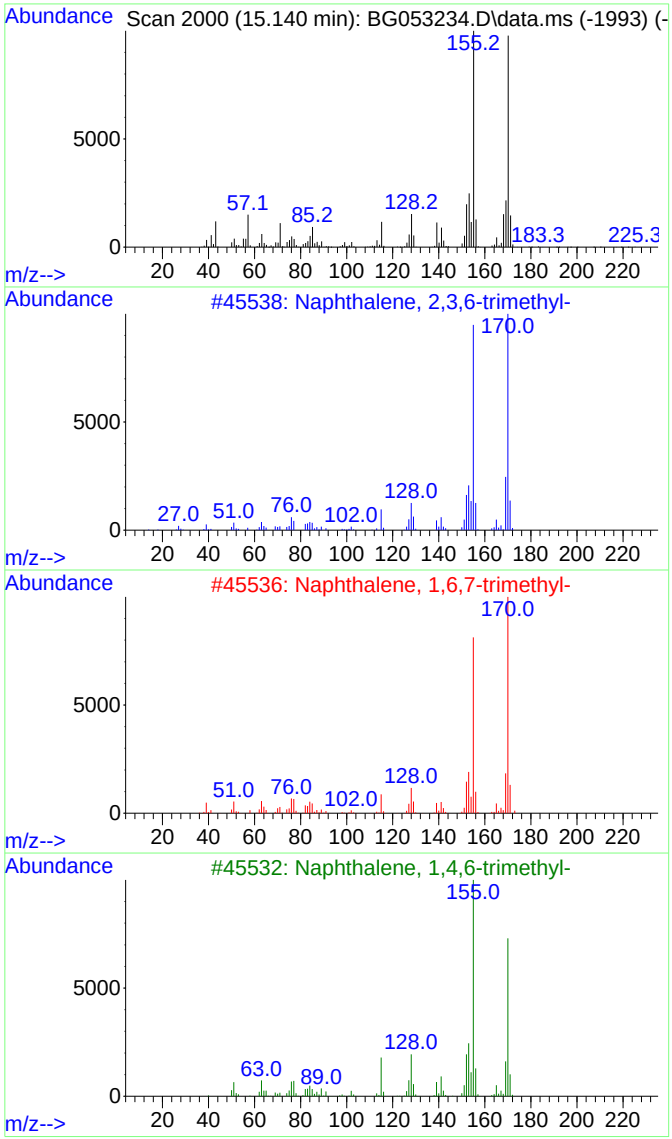
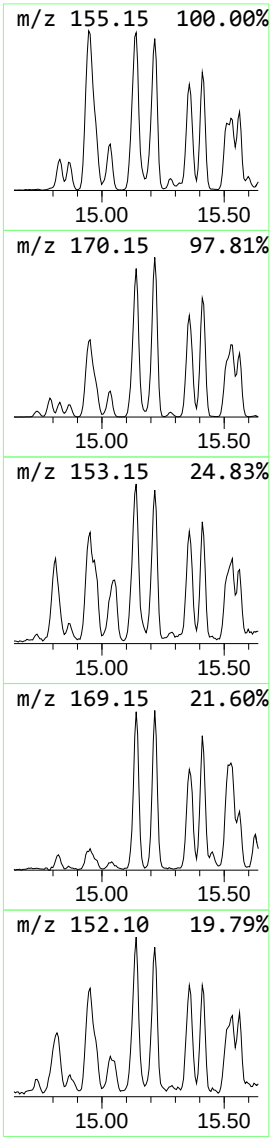
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.140	75.77 ng	2394050	Acenaphthene-d10	14.740

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	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





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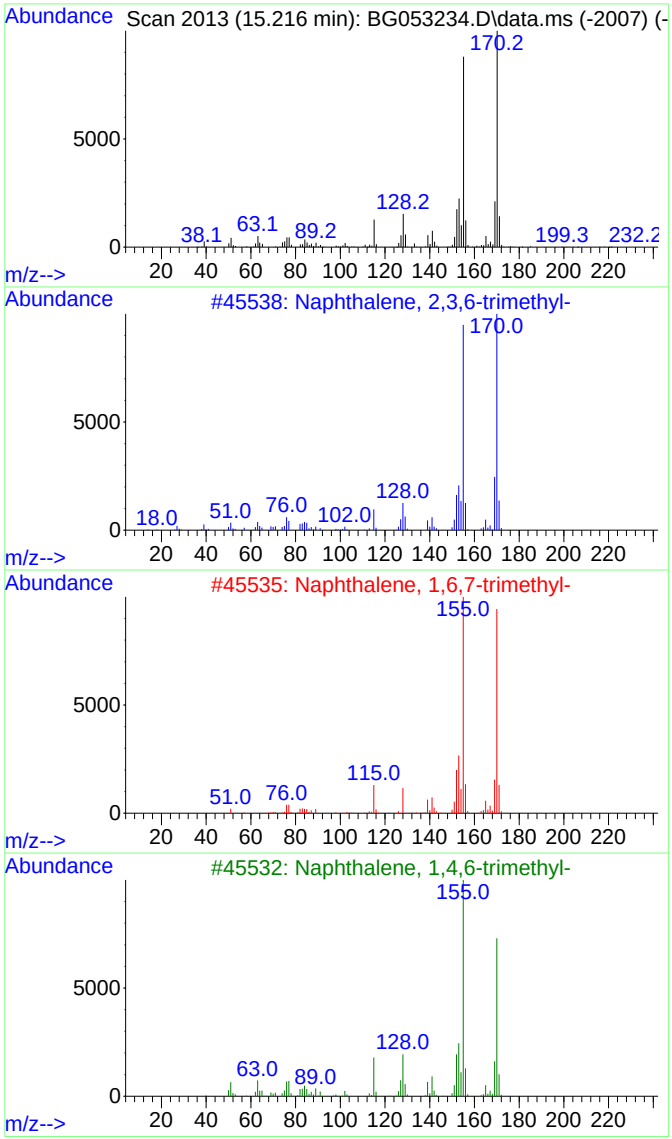
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

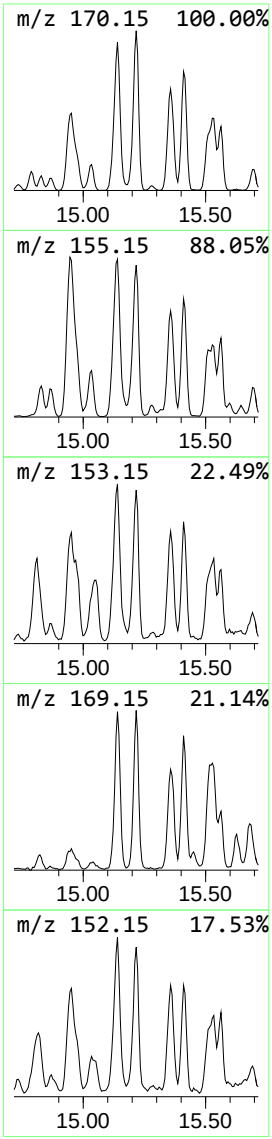
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	49.83 ng	1574340	Acenaphthene-d10	14.740

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

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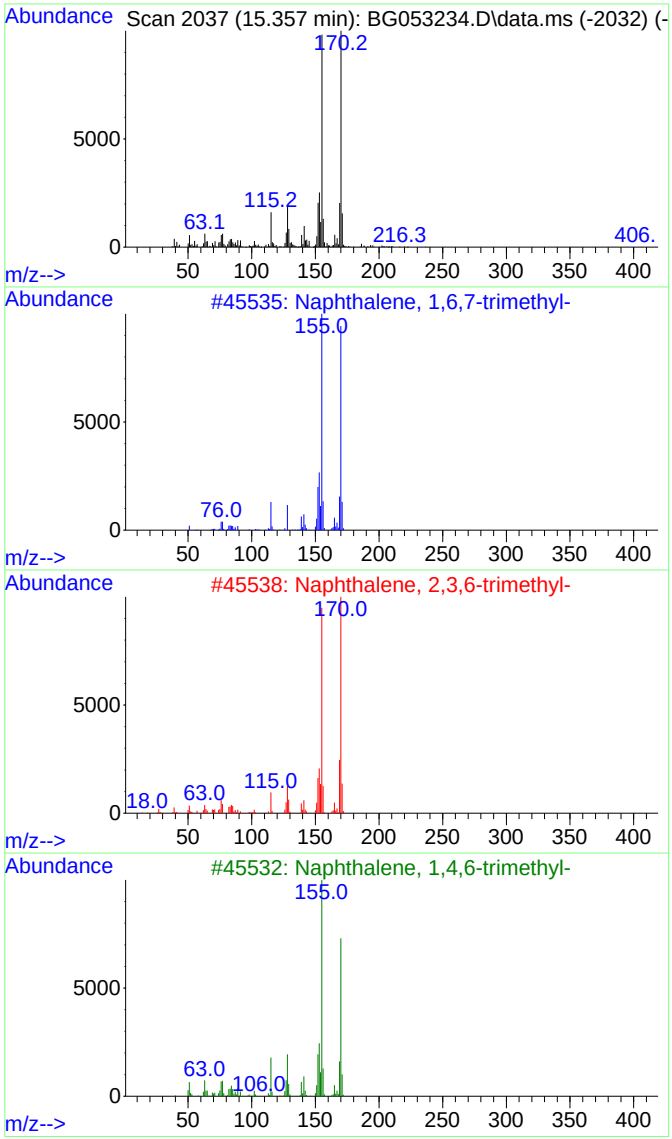
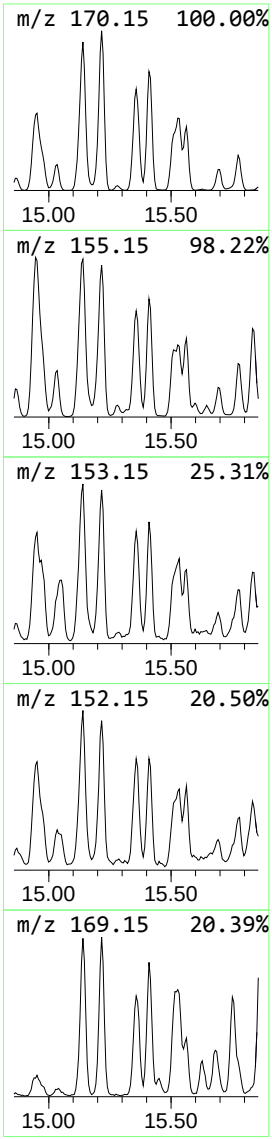
Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	51.40 ng	1623870	Acenaphthene-d10	14.740

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	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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

TIC Library : C:\Database\NIST20.L
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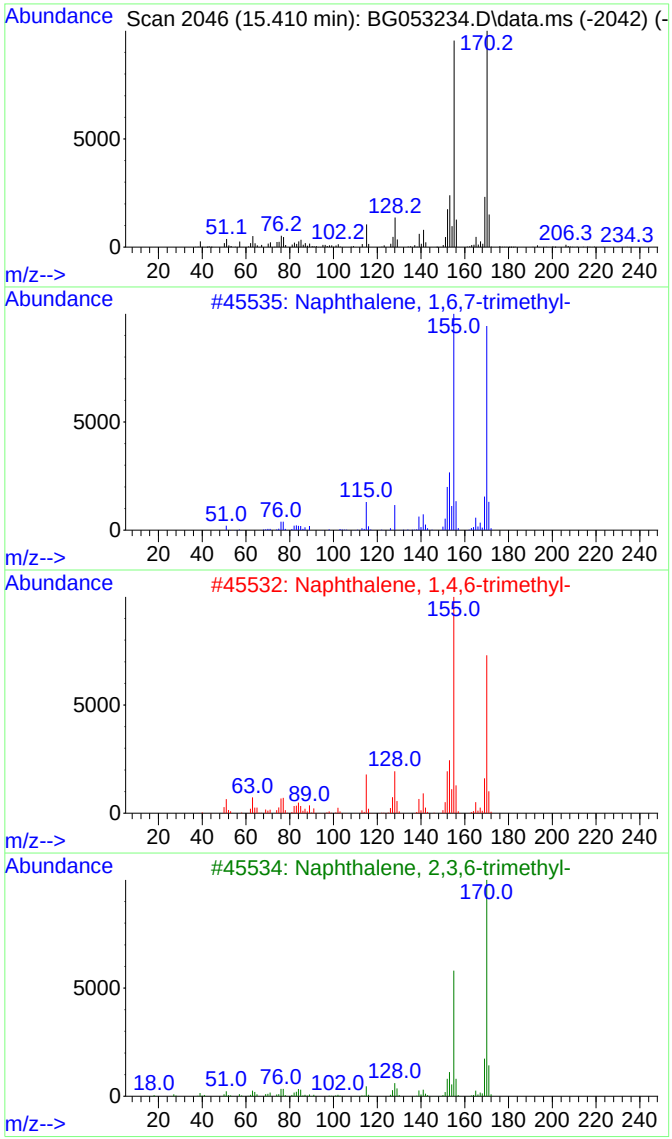
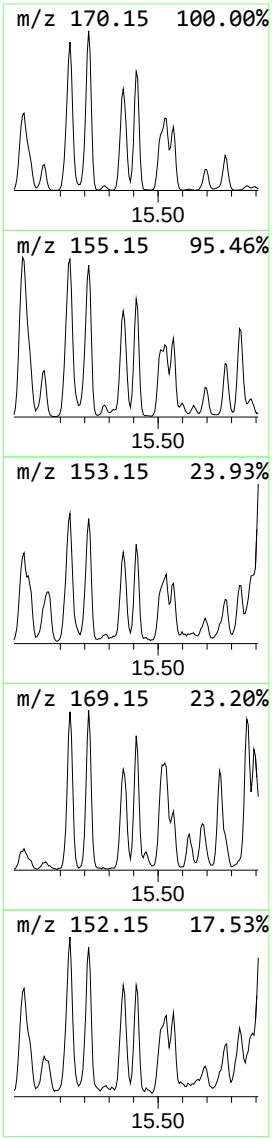
Peak Number 13 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	41.86 ng	1322450	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91





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ALS Vial : 19 Sample Multiplier: 1

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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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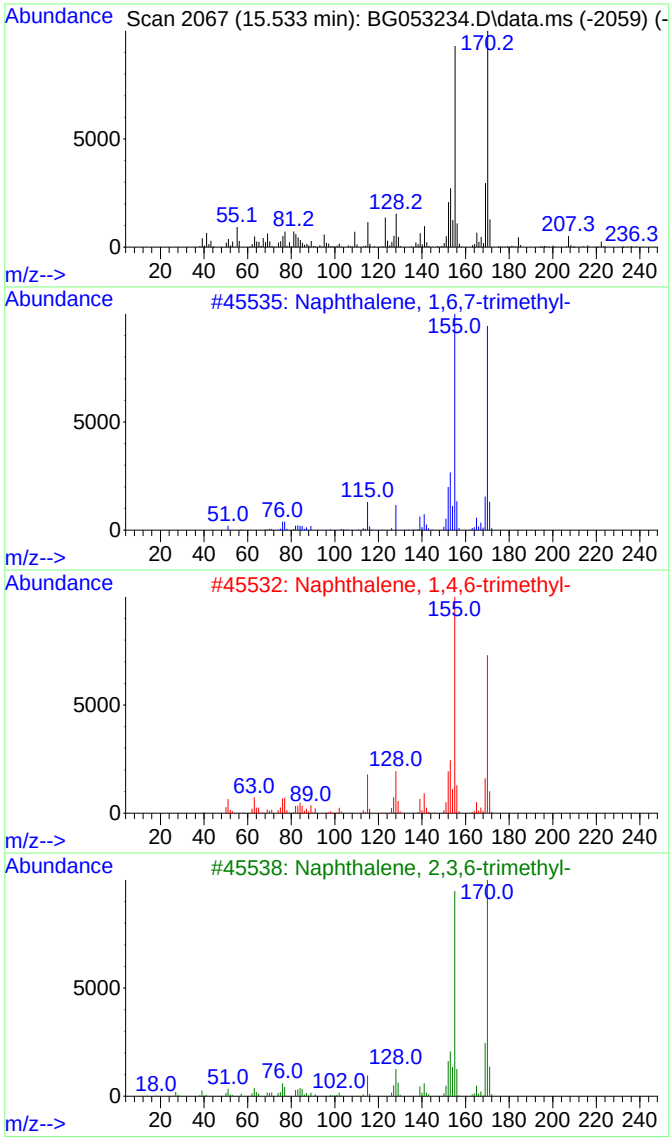
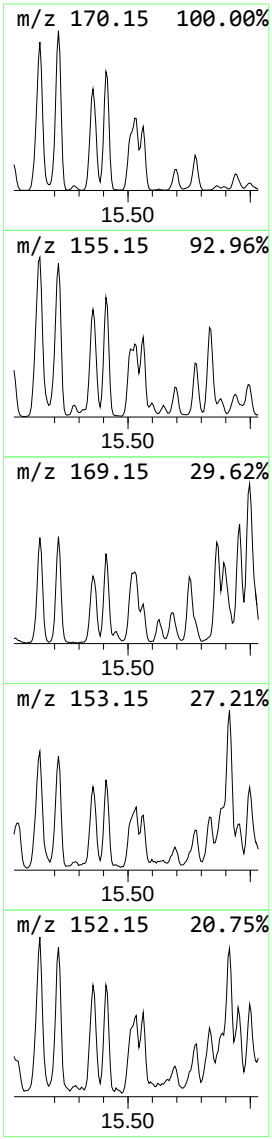
Peak Number 14 4,6,8-Trimethylazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	40.46 ng	1278220	Acenaphthene-d10	14.740

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





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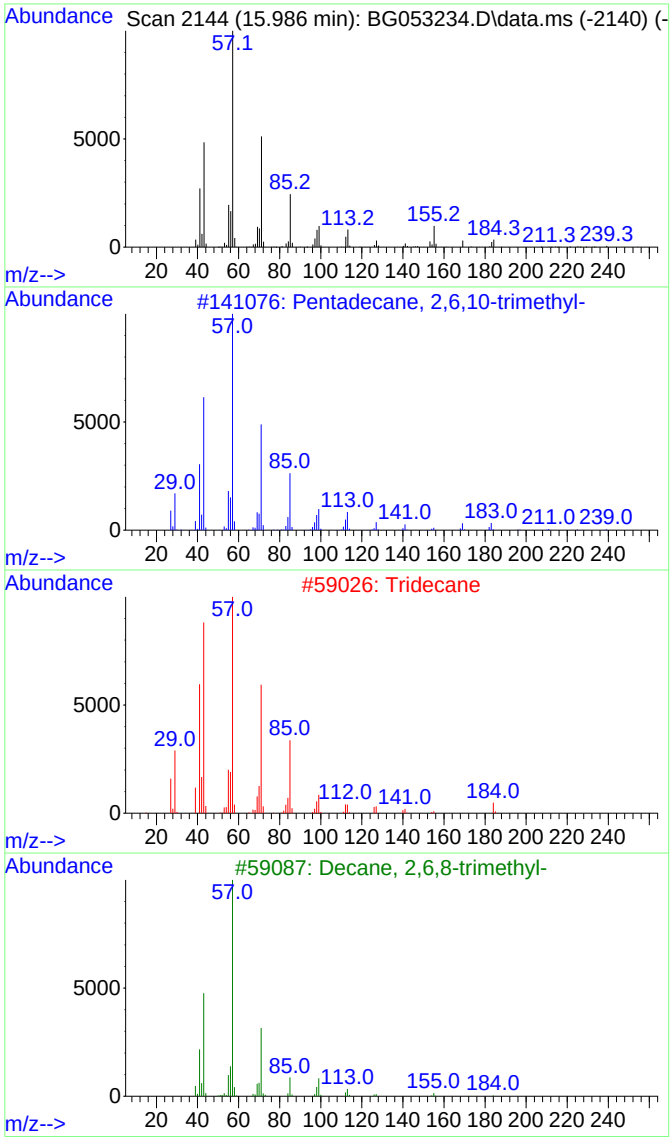
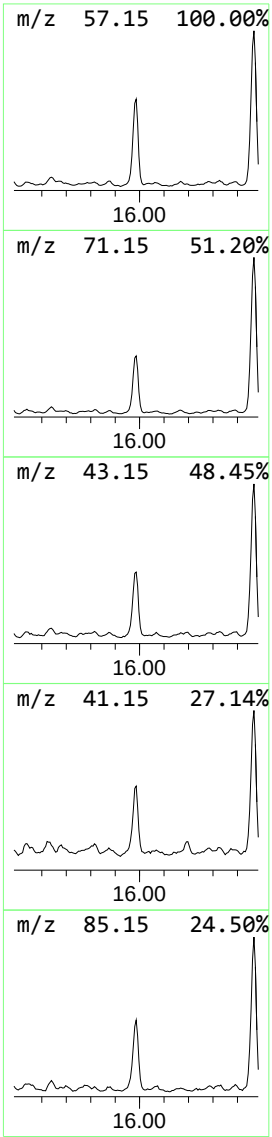
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	67.61 ng	2136270	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Tridecane	184	C13H28	000629-50-5	83
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	81
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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

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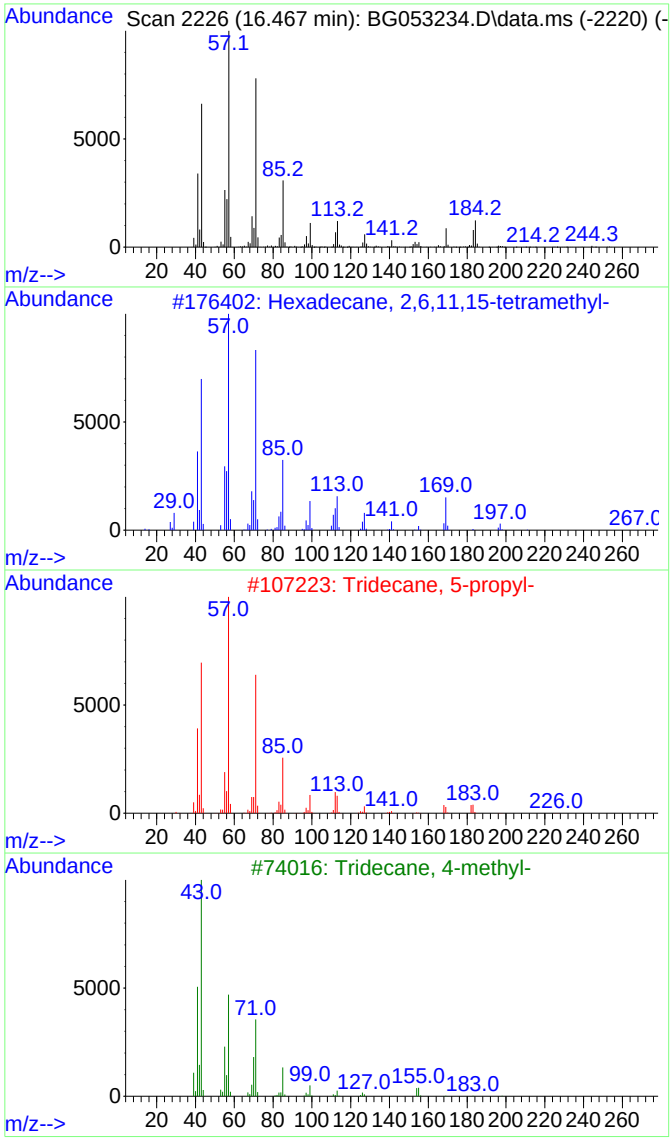
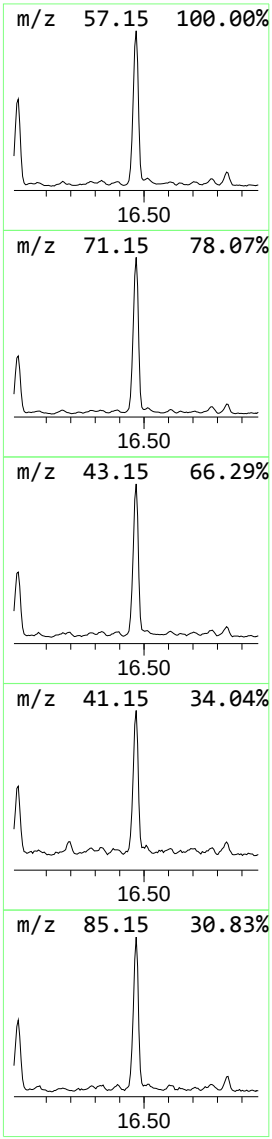
Peak Number 16 Hexadecane, 2,6,11,15-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.467	112.43 ng	4283240	Phenanthrene-d10	17.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	83
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Decane, 2-methyl-	156	C11H24	006975-98-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053234.D
Acq On : 21 Apr 2022 2:58
Operator : CG/JU
Sample : N2444-12 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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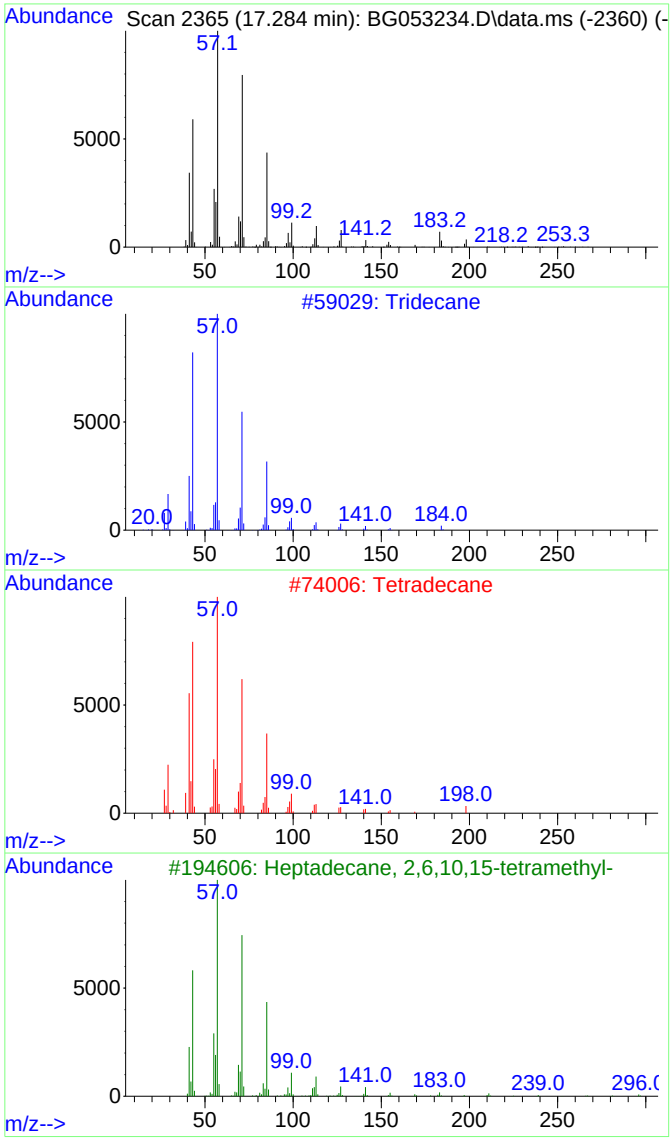
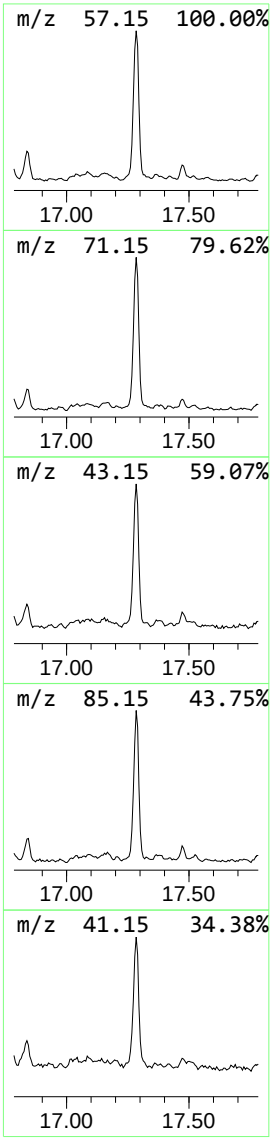
Peak Number 17 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.284	64.91 ng	2473170	Phenanthrene-d10	17.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Heptacosane	380	C27H56	000593-49-7	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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Acq On : 21 Apr 2022 2:58
Operator : CG/JU
Sample : N2444-12 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
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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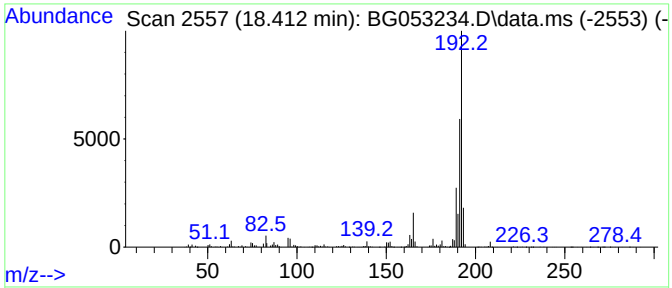
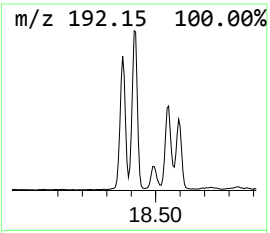
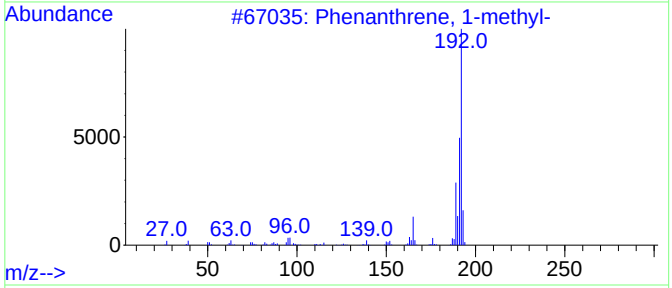
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 17

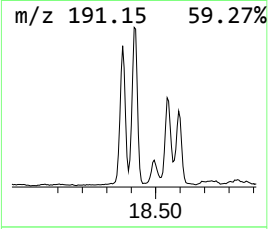
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.412	47.36 ng	1804520	Phenanthrene-d10	17.490

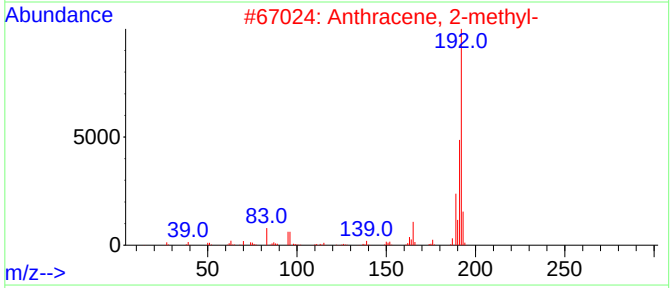
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93

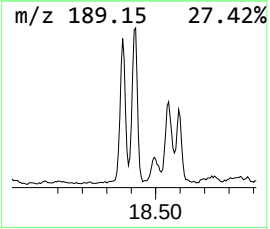


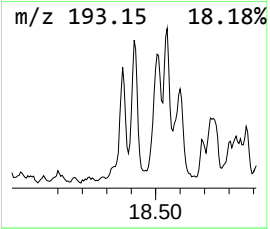


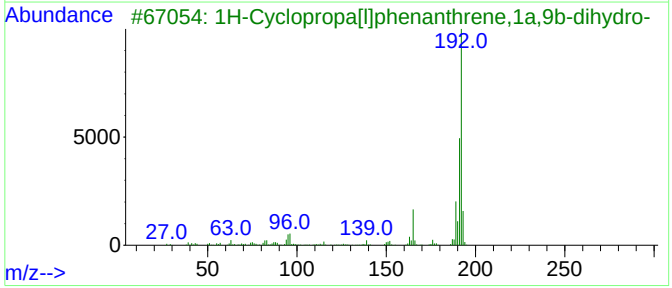


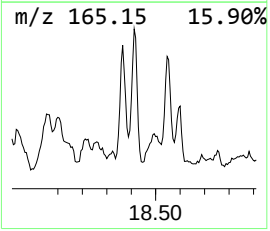












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Data File : BG053234.D
Acq On : 21 Apr 2022 2:58
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Sample : N2444-12 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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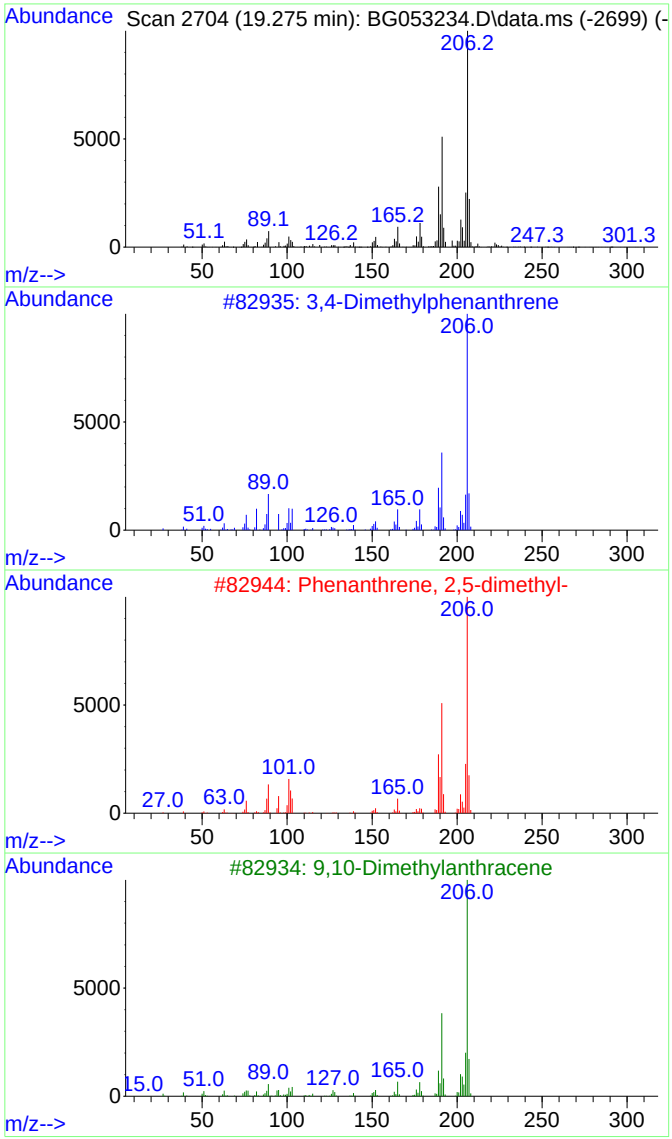
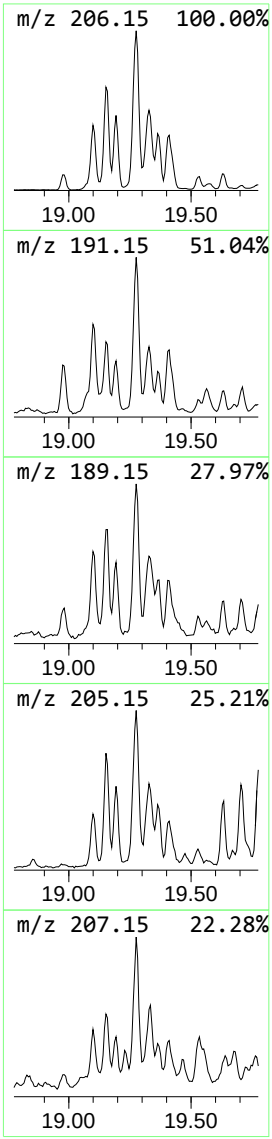
Peak Number 19 3,4-Dimethylphenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	47.80 ng	1821260	Phenanthrene-d10	17.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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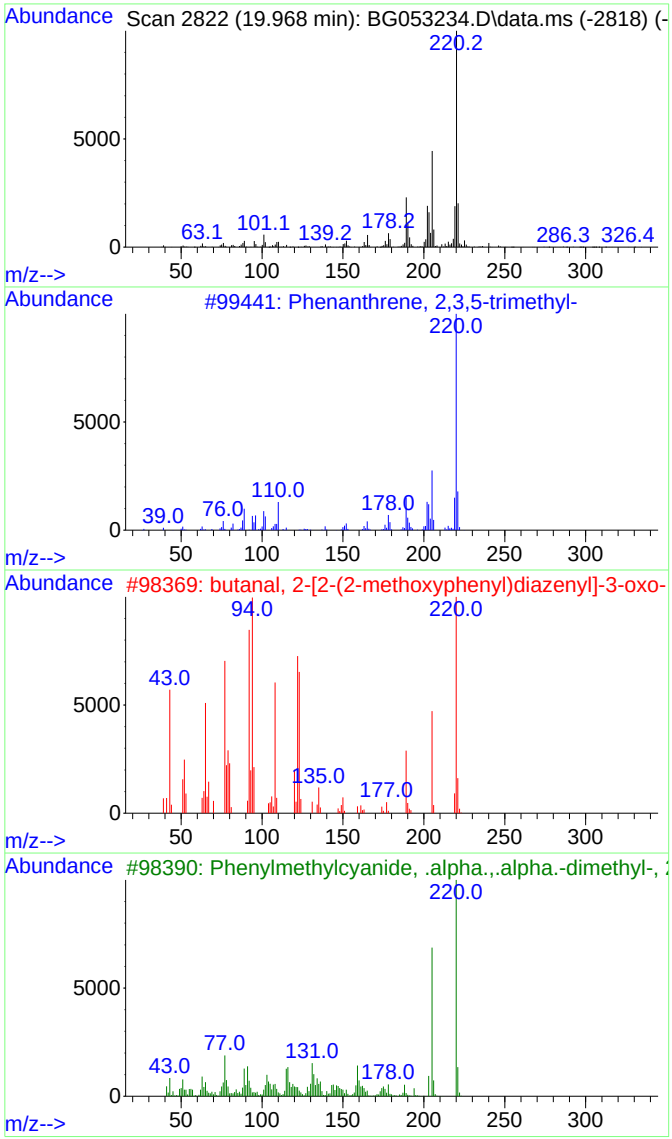
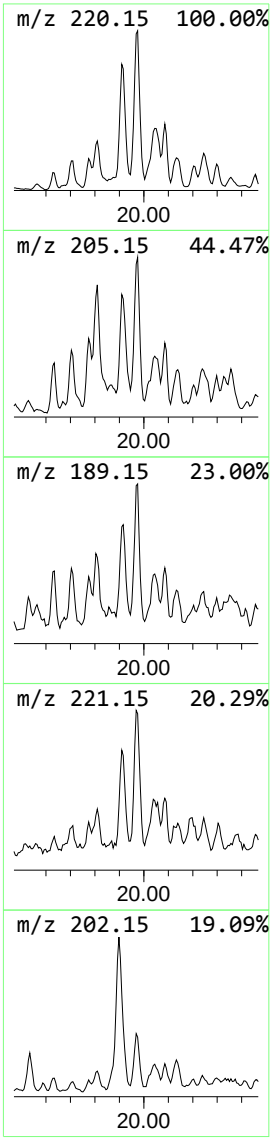
Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.968	47.51 ng	1172810	Chrysene-d12	21.766

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	89
2	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	72
3	Phenylmethylcyanide, .alpha.,.al...	220	C11H12N2O3	1000129-53-0	50
4	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	50
5	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053234.D
Acq On : 21 Apr 2022 2:58
Operator : CG/JU
Sample : N2444-12 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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...	9.224	53.0	ng	817728	1	8.114	308738	20.0
Dodecane, 2,6,1...	13.278	67.4	ng	2128280	3	14.740	631892	20.0
Naphthalene, 1-...	13.777	40.8	ng	1289040	3	14.740	631892	20.0
Naphthalene, 1,...	13.906	60.0	ng	1895820	3	14.740	631892	20.0
Naphthalene, 1,...	14.071	101.5	ng	3207850	3	14.740	631892	20.0
Naphthalene, 2,...	14.124	51.0	ng	1611040	3	14.740	631892	20.0
Dodecane, 1-iodo-	14.217	57.8	ng	1824610	3	14.740	631892	20.0
Naphthalene, 1,...	14.306	63.1	ng	1994340	3	14.740	631892	20.0
Naphthalene, 1,...	14.952	71.3	ng	2251650	3	14.740	631892	20.0
Naphthalene, 2,...	15.140	75.8	ng	2394050	3	14.740	631892	20.0
Naphthalene, 1,...	15.216	49.8	ng	1574340	3	14.740	631892	20.0
Naphthalene, 1,...	15.357	51.4	ng	1623870	3	14.740	631892	20.0
1-(2,2-Dimethyl...	15.410	41.9	ng	1322450	3	14.740	631892	20.0
4,6,8-Trimethyl...	15.533	40.5	ng	1278220	3	14.740	631892	20.0
Pentadecane, 2,...	15.986	67.6	ng	2136270	3	14.740	631892	20.0
Hexadecane, 2,6...	16.467	112.4	ng	4283240	4	17.490	761975	20.0
Tridecane	17.284	64.9	ng	2473170	4	17.490	761975	20.0
Phenanthrene, 1...	18.412	47.4	ng	1804520	4	17.490	761975	20.0
3,4-Dimethylphe...	19.275	47.8	ng	1821260	4	17.490	761975	20.0
Phenanthrene, 2...	19.968	47.5	ng	1172810	5	21.766	493699	20.0