LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052771.D
Acq On : 21 Mar 2022 17:10
Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052771.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.138	628	638	643	rBV4	134526	302644	8.40%	0.369%
2	7.297	659	665	672	rVV4	245291	553360	15.37%	0.674%
3	8.061	788	795	801	rVV3	97702	254002	7.05%	0.309%
4	8.131	801	807	815	rVB2	392976	823332	22.86%	1.003%
5	8.801	915	921	934	rVB4	249410	757647	21.04%	0.923%
6	8.918	935	941	945	rBV	189977	347267	9.64%	0.423%
7	9.159	977	982	990	rVB2	137646	281191	7.81%	0.343%
8	9.259	990	999	1005	rBV3	388077	952066	26.44%	1.160%
9	9.359	1010	1016	1024	rVB5	150203	418258	11.62%	0.510%
10	9.512	1031	1042	1049	rBV7	242452	810621	22.51%	0.988%
11	9.641	1051	1064	1072	rBV8	179264	558037	15.50%	0.680%
12	9.799	1085	1091	1095	rBV3	186249	399811	11.10%	0.487%
13	9.840	1095	1098	1102	rVV	157258	255629	7.10%	0.311%
14	10.046	1124	1133	1136	rBV4	193939	432732	12.02%	0.527%
15	10.087	1136	1140	1145	rVB3	216554	343335	9.53%	0.418%
16	10.146	1145	1150	1157	rBV6	305850	617235	17.14%	0.752%
17	10.211	1157	1161	1163	rBV2	202154	298584	8.29%	0.364%
18	10.305	1171	1177	1181	rBV3	286863	481873	13.38%	0.587%
19	10.363	1181	1187	1193	rVV3	282504	758287	21.06%	0.924%
20	10.422	1194	1197	1202	rVB2	243022	389821	10.83%	0.475%
21	10.493	1203	1209	1213	rBV2	228953	448970	12.47%	0.547%
22	10.540	1214	1217	1222	rVV3	157160	266830	7.41%	0.325%
23	10.592	1222	1226	1232	rVB	187735	351314	9.76%	0.428%
24	10.663	1233	1238	1241	rBV	162184	290932	8.08%	0.354%
25	10.863	1268	1272	1278	rVV8	202236	572141	15.89%	0.697%
26	10.945	1278	1286	1292	rVV3	502639	1577964	43.82%	1.923%
27	11.009	1293	1297	1304	rVV6	311852	942499	26.17%	1.148%
28	11.080	1305	1309	1312	rVV2	288797	560082	15.55%	0.682%
29	11.121	1312	1316	1322	rVV	689692	1173739	32.60%	1.430%
30	11.186	1322	1327	1334	rVV4	231379	511779	14.21%	0.624%
31	11.432	1364	1369	1380	rVB4	381965	948460	26.34%	1.156%
32	11.544	1380	1388	1392	rBV4	223733	495111	13.75%	0.603%
33	11.626	1398	1402	1404	rBV	210105	309678	8.60%	0.377%
34	11.667	1405	1409	1416	rVV5	381599	907556	25.20%	1.106%
35	11.726	1416	1419	1426	rVB3	229504	440020	12.22%	0.536%
36	11.797	1426	1431	1437	rBV3	389317	666004	18.50%	0.811%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.873	1438	1444	1451	rBV4	366790	799901	22.21%	0.975%
38	11.985	1457	1463	1467	rBV	872505	1430167	39.72%	1.742%
39	12.067	1473	1477	1482	rVB2	270889	469740	13.05%	0.572%
40	12.149	1485	1491	1498	rVV2	735530	1398740	38.84%	1.704%
41	12.366	1520	1528	1531	rBV3	216696	542653	15.07%	0.661%
42	12.502	1547	1551	1556	rVB3	442939	722129	20.05%	0.880%
43	12.607	1560	1569	1575	rVB2	887693	2134640	59.28%	2.601%
44	12.825	1599	1606	1609	rBV	663743	1429287	39.69%	1.741%
45	12.860	1609	1612	1617	rVV	879394	1357108	37.69%	1.653%
46	12.995	1631	1635	1639	rBV3	334132	491114	13.64%	0.598%
47	13.042	1639	1643	1644	rBV3	198473	254259	7.06%	0.310%
48	13.107	1650	1654	1661	rBV5	313456	605939	16.83%	0.738%
49	13.165	1661	1664	1673	rVB5	235466	331012	9.19%	0.403%
50	13.271	1677	1682	1685	rBV5	168677	342358	9.51%	0.417%
51	13.318	1685	1690	1695	rVB2	1129626	1739942	48.32%	2.120%
52	13.600	1730	1738	1745	rVB8	357623	1015250	28.19%	1.237%
53	13.718	1751	1758	1763	rVB4	537422	1073140	29.80%	1.307%
54	13.765	1763	1766	1769	rBV3	266125	377185	10.47%	0.460%
55	13.806	1769	1773	1776	rBV	297437	370256	10.28%	0.451%
56	13.935	1789	1795	1810	rVB2	997232	2852529	79.22%	3.475%
57	14.094	1811	1822	1827	rBV	1312375	3114787	86.50%	3.795%
58	14.146	1827	1831	1837	rVB2	962511	1639052	45.52%	1.997%
59	14.205	1837	1841	1843	rBV4	372769	529586	14.71%	0.645%
60	14.252	1845	1849	1853	rVB	1062223	1429389	39.70%	1.742%
61	14.329	1858	1862	1873	rVB4	620362	1703052	47.30%	2.075%
62	14.616	1906	1911	1915	rBV4	408975	635902	17.66%	0.775%
63	14.675	1915	1921	1926	rBV7	154214	379801	10.55%	0.463%
64	14.740	1927	1932	1934	rBV	654250	1027785	28.54%	1.252%
65	14.981	1967	1973	1982	rVB	741278	1850690	51.40%	2.255%
66	15.057	1983	1986	1990	rBV2	193354	279180	7.75%	0.340%
67	15.163	2000	2004	2011	rVB	1030060	1731776	48.09%	2.110%
68	15.239	2012	2017	2021	rVB	717130	1051901	29.21%	1.282%
69	15.292	2021	2026	2036	rVB7	430150	993358	27.59%	1.210%
70	15.386	2037	2042	2046	rBV	644138	1196799	33.24%	1.458%
71	15.433	2047	2050	2056	rVB	625713	949783	26.38%	1.157%
72	15.492	2056	2060	2065	rBV5	218859	480395	13.34%	0.585%
73	15.668	2086	2090	2094	rBV4	162322	355366	9.87%	0.433%
74	15.803	2110	2113	2117	rBV2	321851	426459	11.84%	0.520%
75	15.856	2117	2122	2127	rVV3	292981	590336	16.39%	0.719%
76	15.938	2133	2136	2139	rVB2	302210	385905	10.72%	0.470%

LSC Area Percent Report

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Acq On : 21 Mar 2022 17:10
Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

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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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.979	2140	2143	2145	rVV3	215553	302786	8.41%	0.369%
78	16.020	2146	2150	2156	rVB2	1344090	2059108	57.18%	2.509%
79	16.103	2159	2164	2173	rVB4	393523	1217938	33.82%	1.484%
80	16.226	2182	2185	2188	rBV2	230851	298303	8.28%	0.363%
81	16.320	2197	2201	2205	rBV3	252862	434224	12.06%	0.529%
82	16.496	2225	2231	2242	rVB2	2059763	3600867	100.00%	4.387%
83	16.620	2250	2252	2258	rVB3	230167	307120	8.53%	0.374%
84	16.872	2290	2295	2300	rBV3	699928	1144275	31.78%	1.394%
85	17.319	2366	2371	2382	rVB	1368179	2605305	72.35%	3.174%
86	17.512	2399	2404	2407	rBV	564437	860503	23.90%	1.048%
87	17.554	2407	2411	2416	rVB	457493	683505	18.98%	0.833%
88	17.924	2470	2474	2479	rBV3	387374	687581	19.09%	0.838%
89	18.388	2549	2553	2557	rBV	584170	883924	24.55%	1.077%
90	18.435	2557	2561	2567	rVB	746137	1119860	31.10%	1.364%
91	18.570	2581	2584	2588	rVB	298409	391331	10.87%	0.477%
92	19.175	2684	2687	2691	rVB	250538	288646	8.02%	0.352%
93	19.298	2703	2708	2712	rBV	519357	769242	21.36%	0.937%
94	19.428	2727	2730	2736	rBV	159358	278277	7.73%	0.339%
95	19.486	2736	2740	2745	rVB	169083	271156	7.53%	0.330%
96	19.933	2812	2816	2821	rVB2	200500	344762	9.57%	0.420%
97	19.991	2822	2826	2832	rVB	226000	341372	9.48%	0.416%
98	20.109	2843	2846	2851	rVB2	299339	365179	10.14%	0.445%
99	21.795	3126	3133	3144	rVB	496909	880571	24.45%	1.073%
100	25.108	3685	3697	3709	rBV2	308757	954179	26.50%	1.163%

Sum of corrected areas: 82077476

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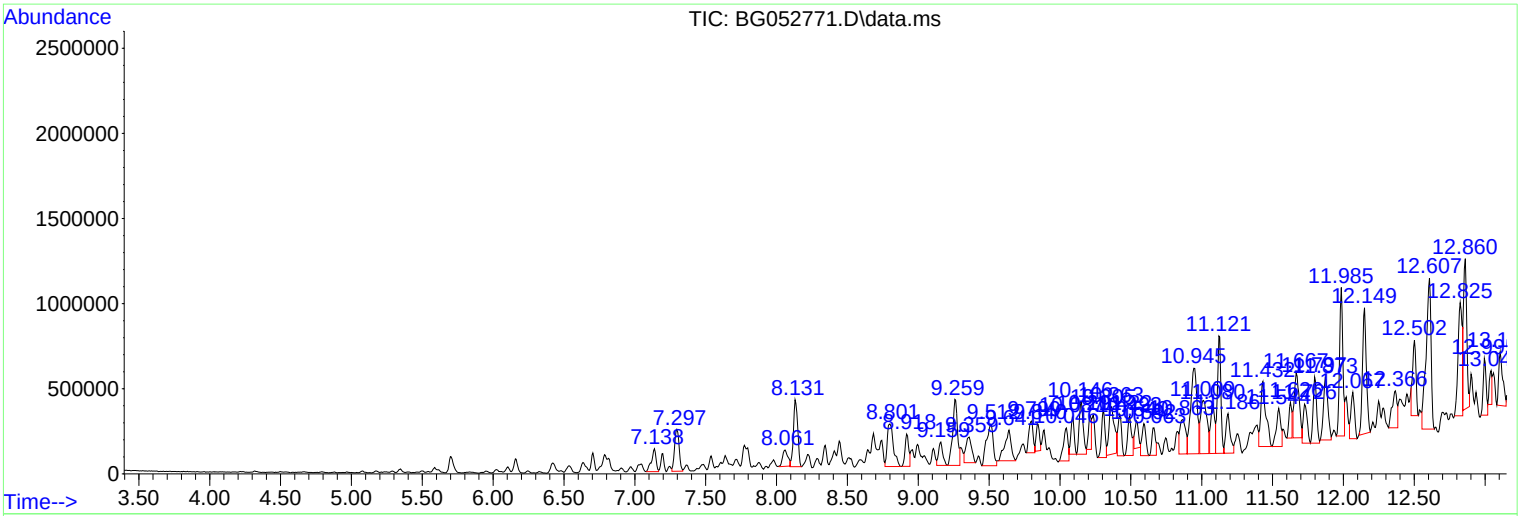
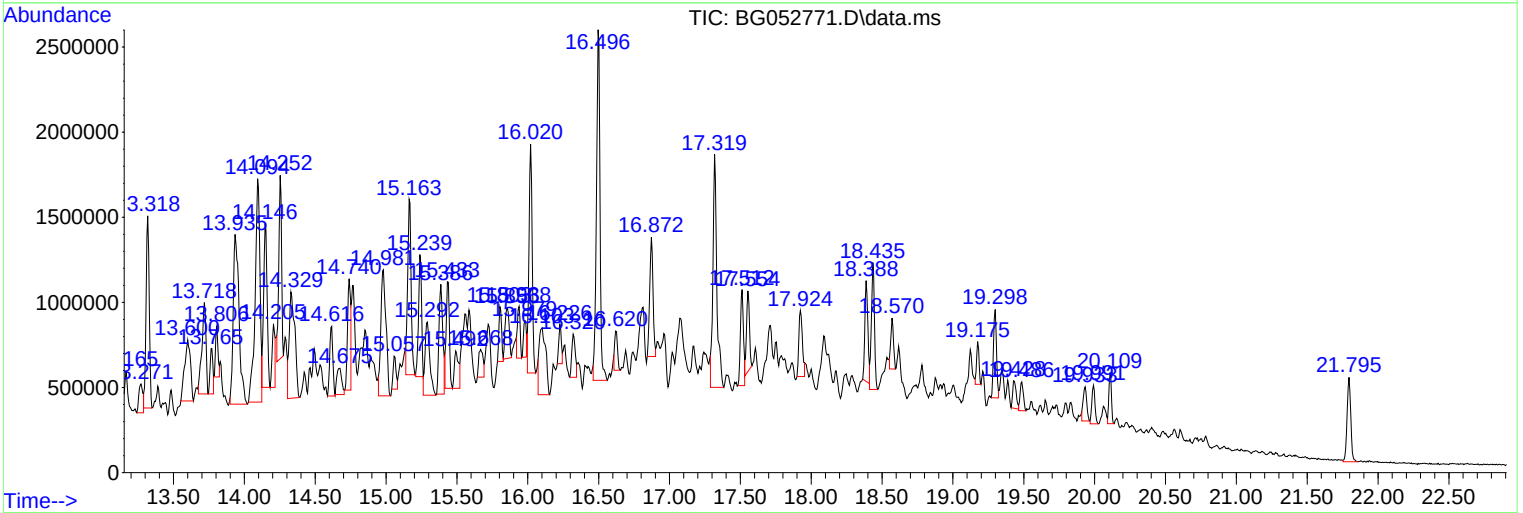
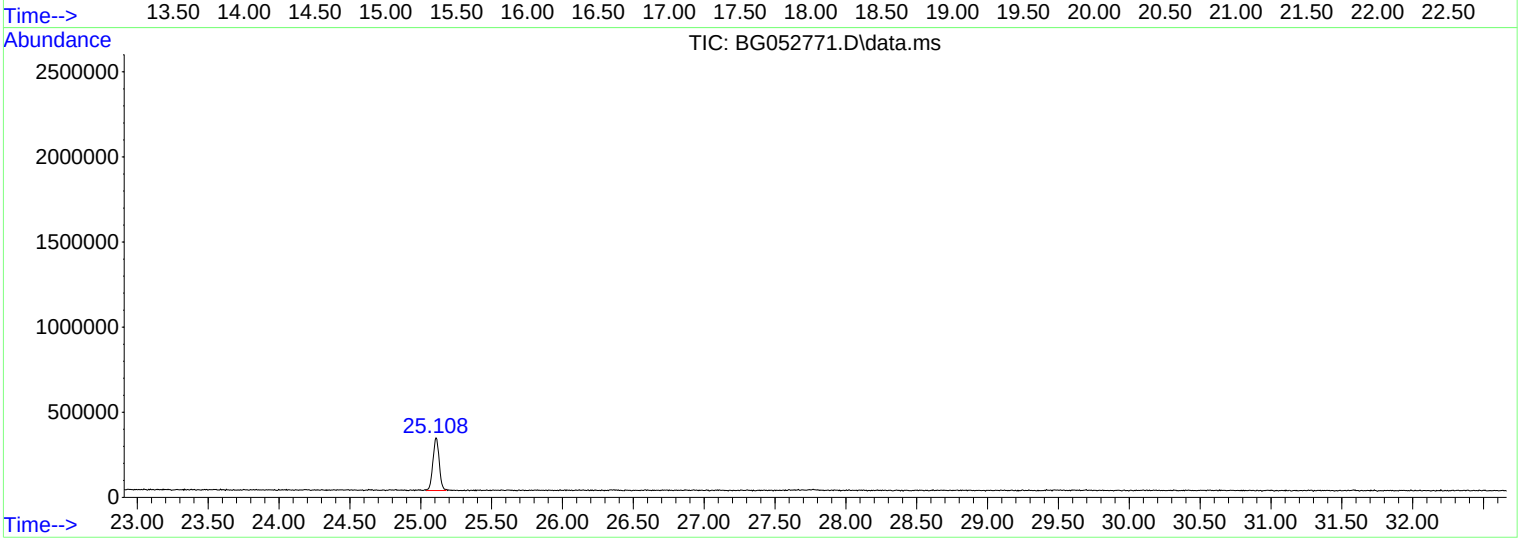
Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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Data File : BG052771.D
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BNA_G
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PPSP-B17-23.5-24.0

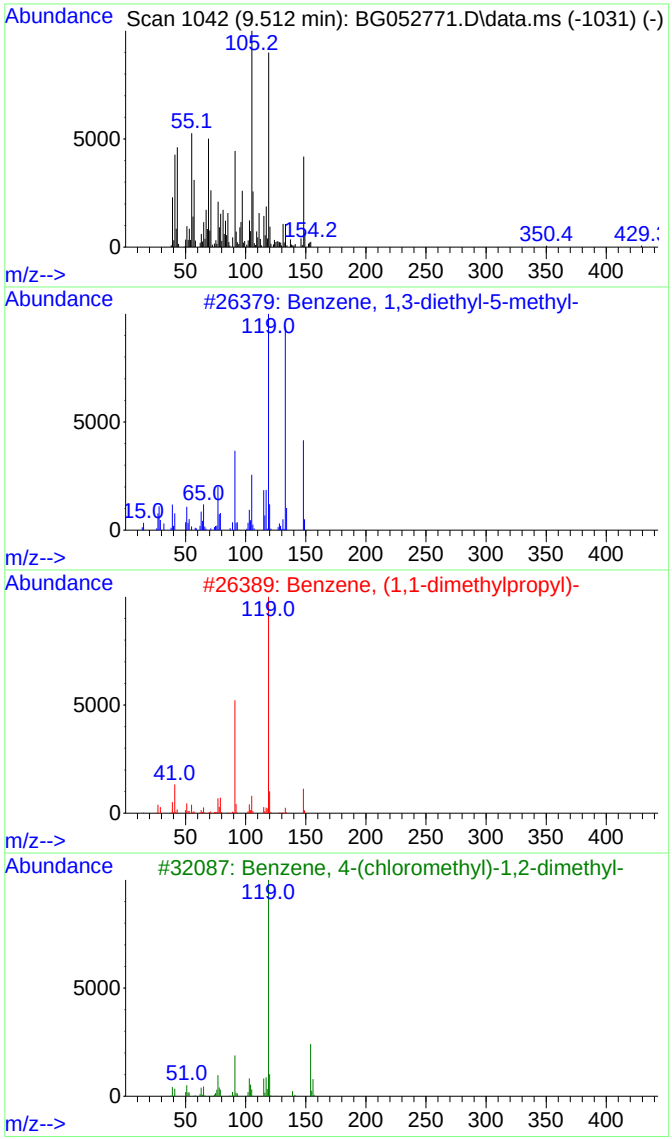
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

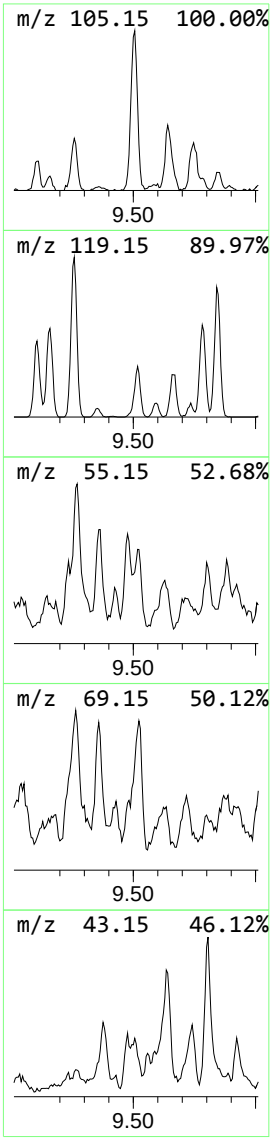
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.512	19.69 ng	810621	1,4-Dichlorobenzene-d4	8.143

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	47
3	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	38
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	35
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	35





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PPSP-B17-23.5-24.0

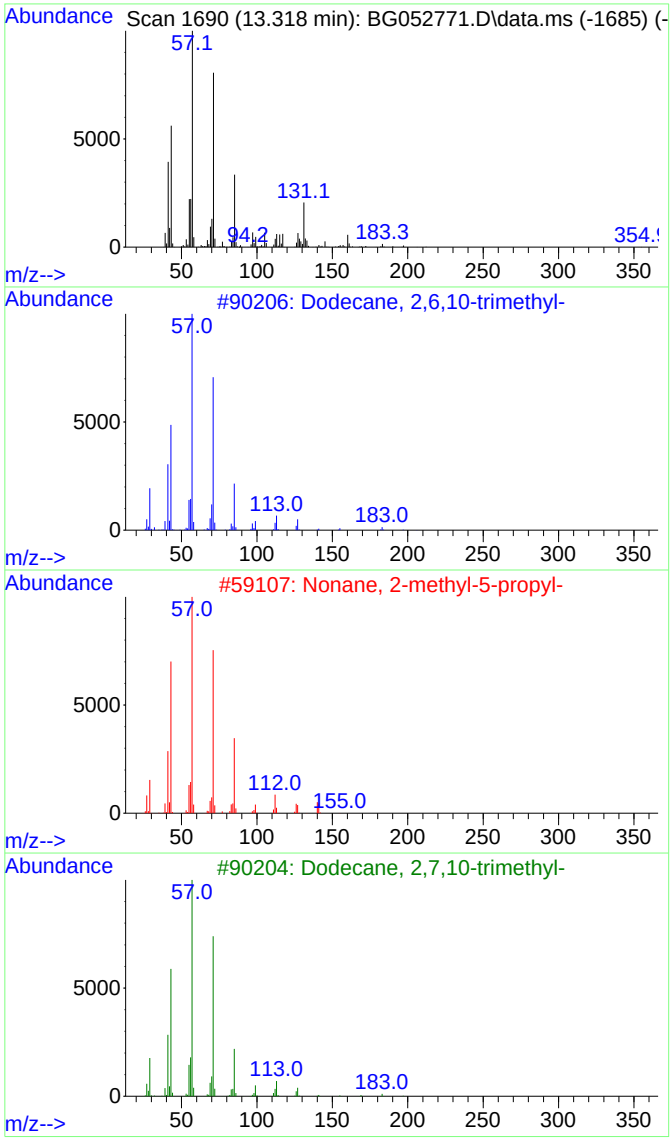
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

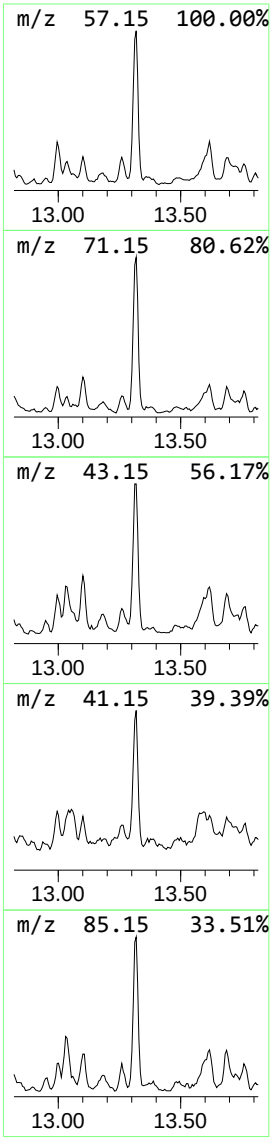
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.318	33.86 ng	1739940	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	52
4	Heptacosane	380	C27H56	000593-49-7	50
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47





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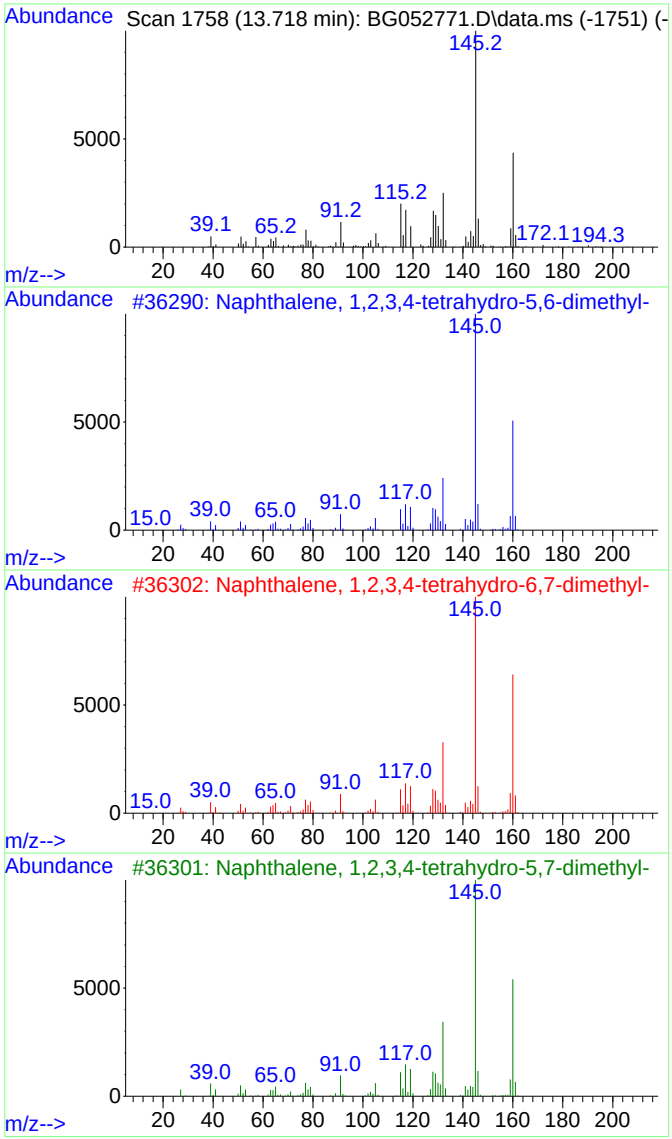
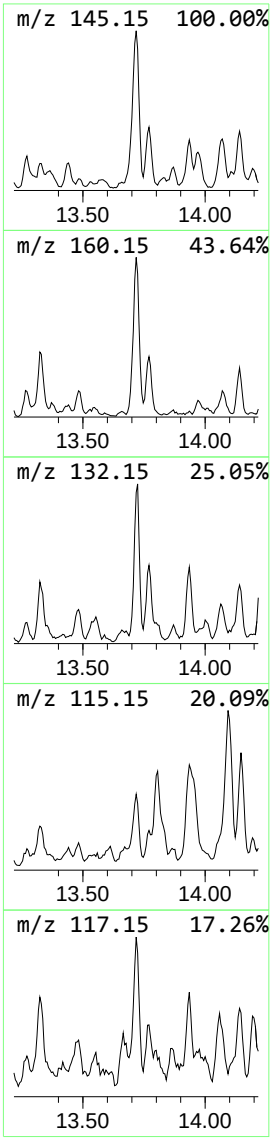
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.718	20.88 ng	1073140	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	94
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	91





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Data File : BG052771.D
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Sample : N1709-14 10X
Misc :
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Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

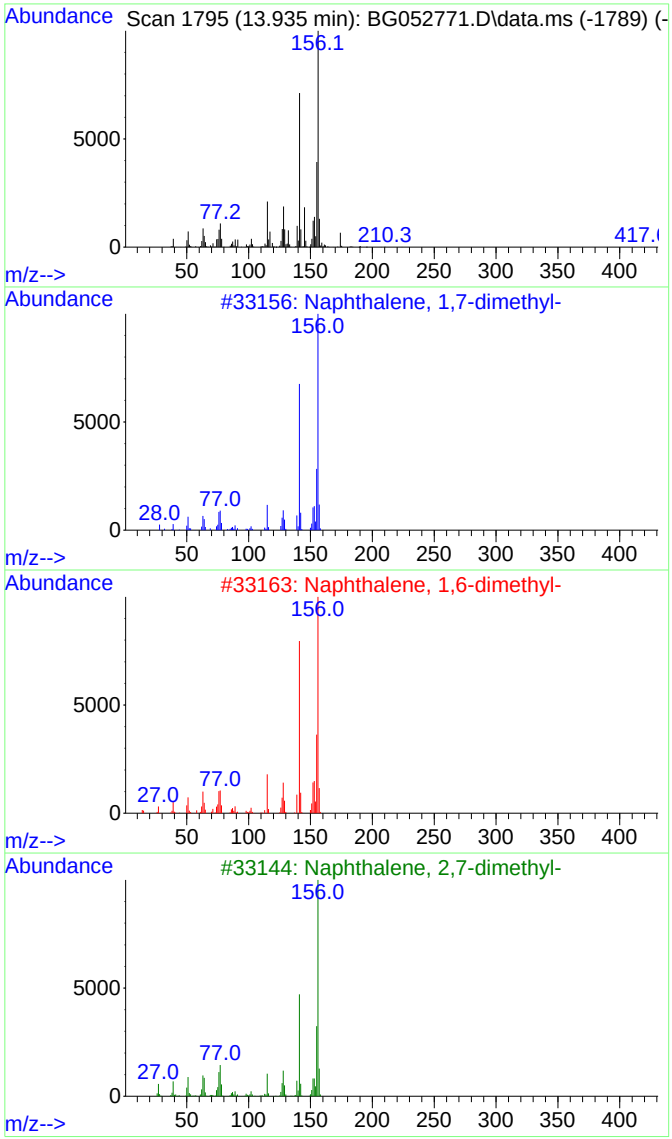
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

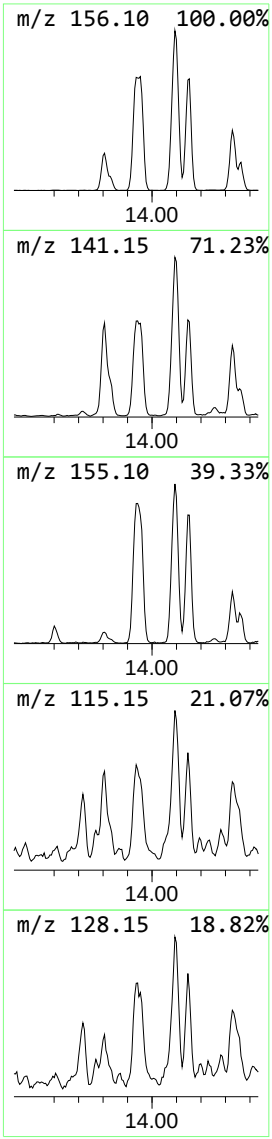
****

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.935	55.51 ng	2852530	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

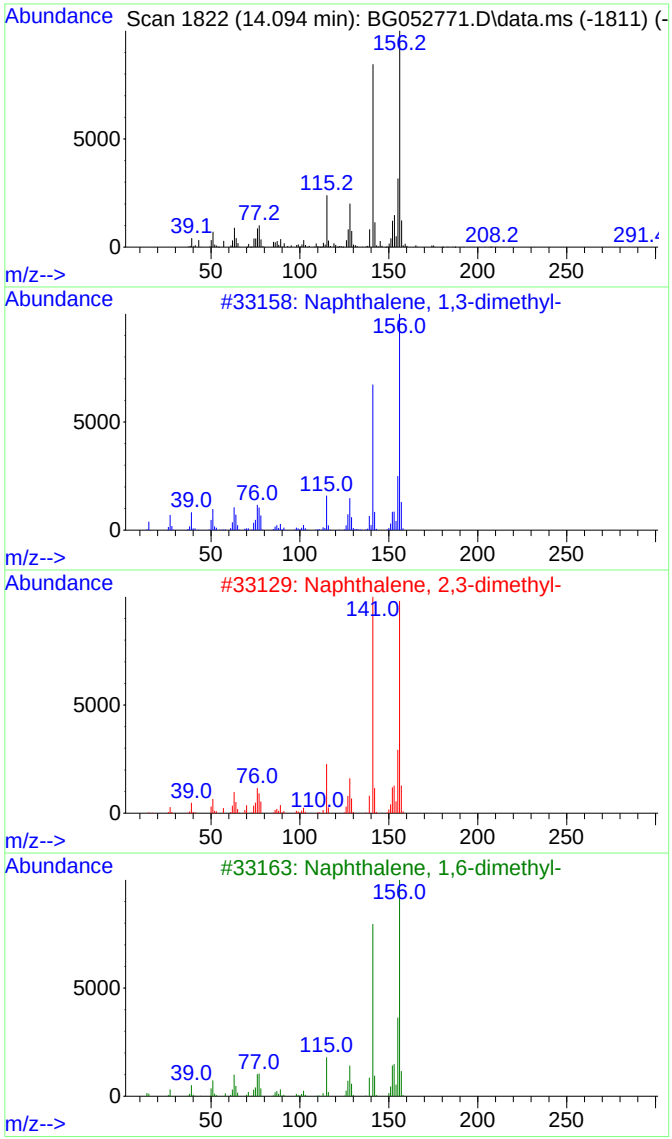
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

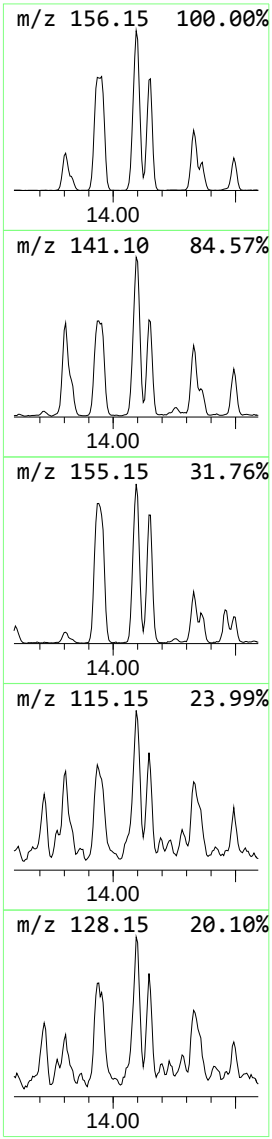
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.094	60.61 ng	3114790	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Acq On : 21 Mar 2022 17:10
Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

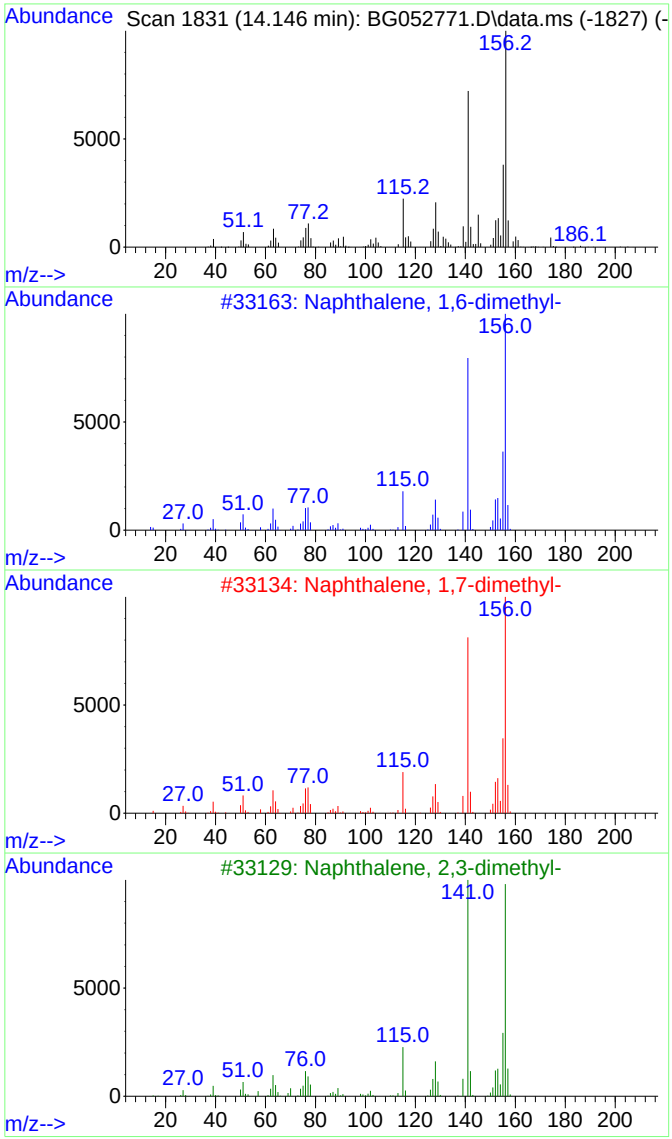
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

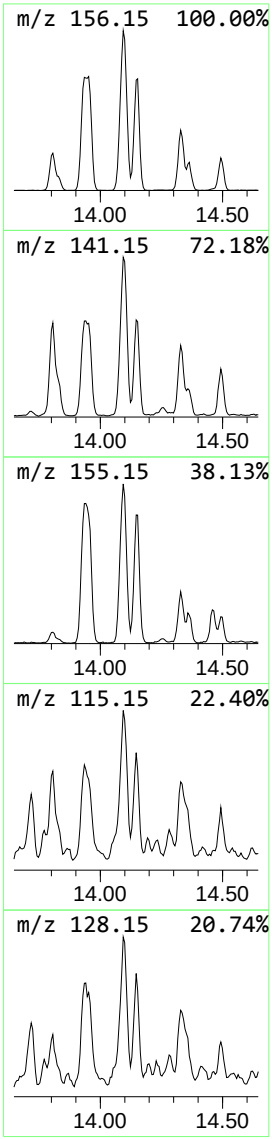
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.146	31.89 ng	1639050	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

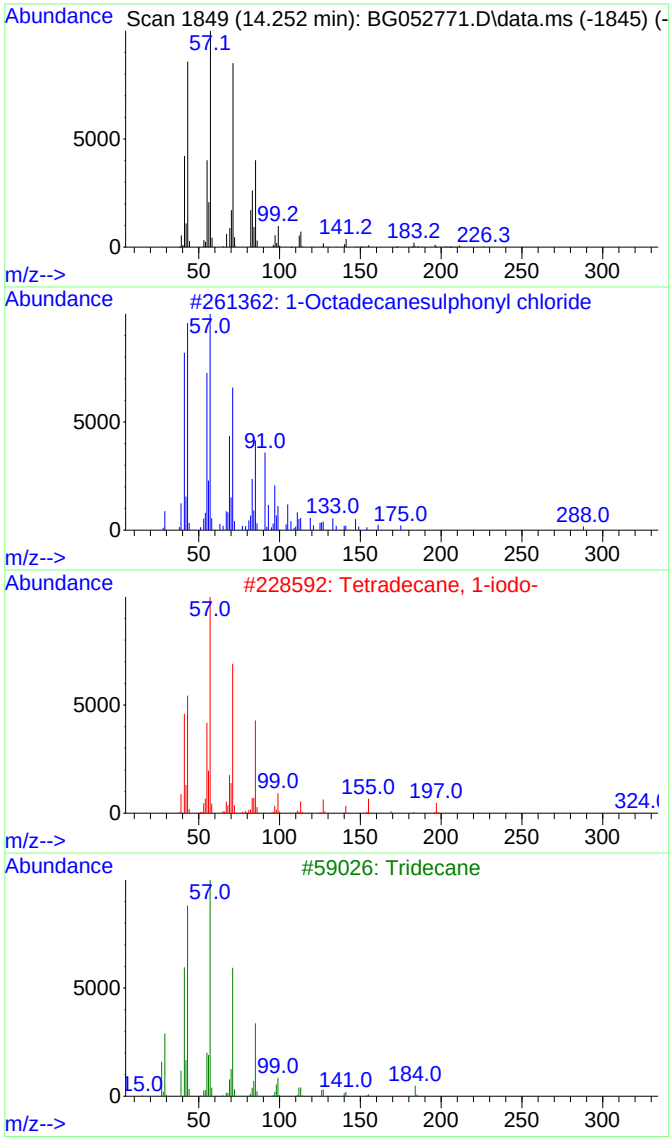
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

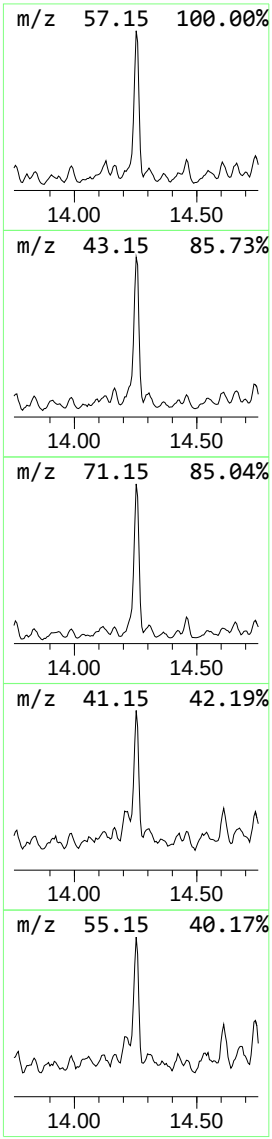
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Octadecanesulphonyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.252	27.81 ng	1429390	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83
5	Nonadecane	268	C19H40	000629-92-5	80





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Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B17-23.5-24.0

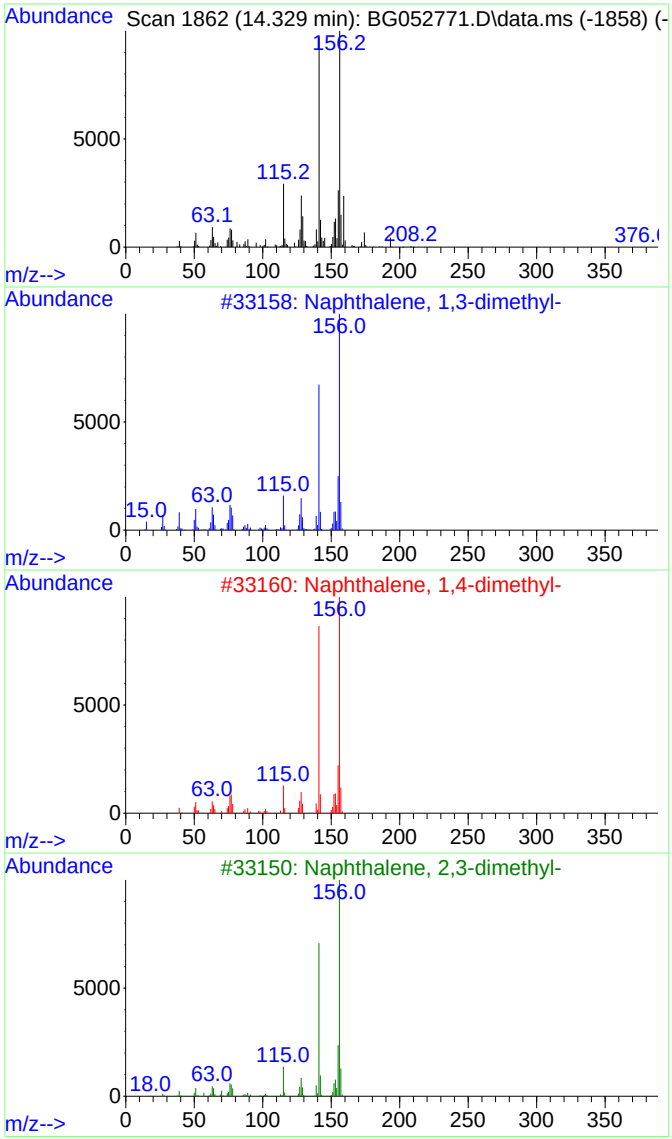
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

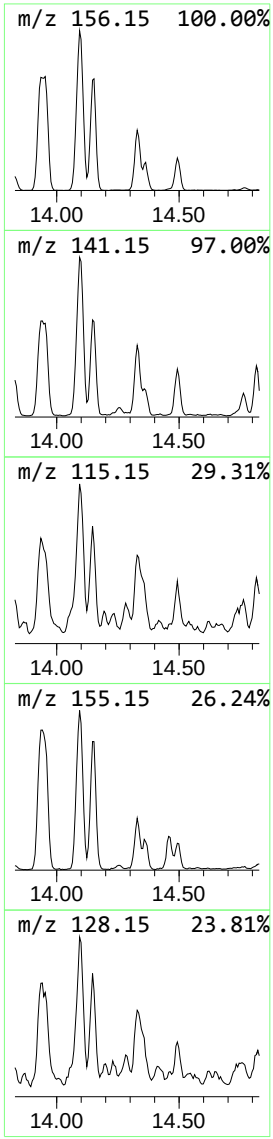
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.329	33.14 ng	1703050	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





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Acq On : 21 Mar 2022 17:10
Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

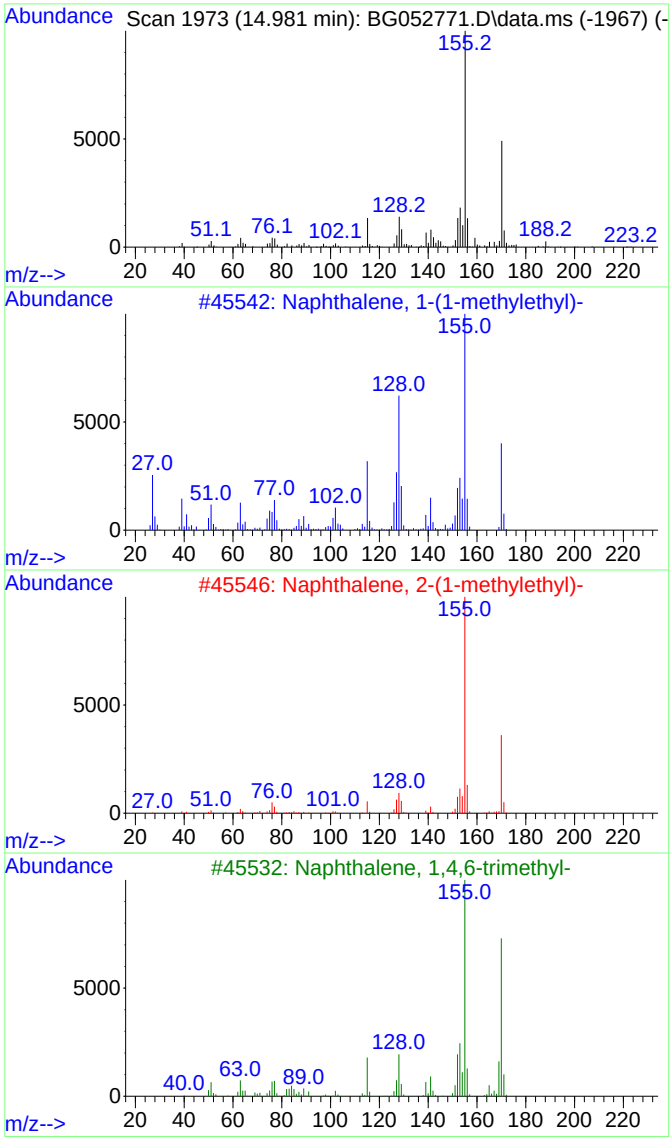
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

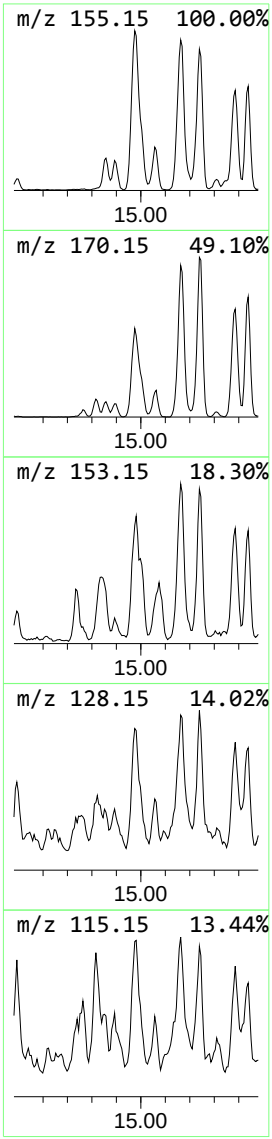
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1-(1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.981	36.01 ng	1850690	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	91
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72





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Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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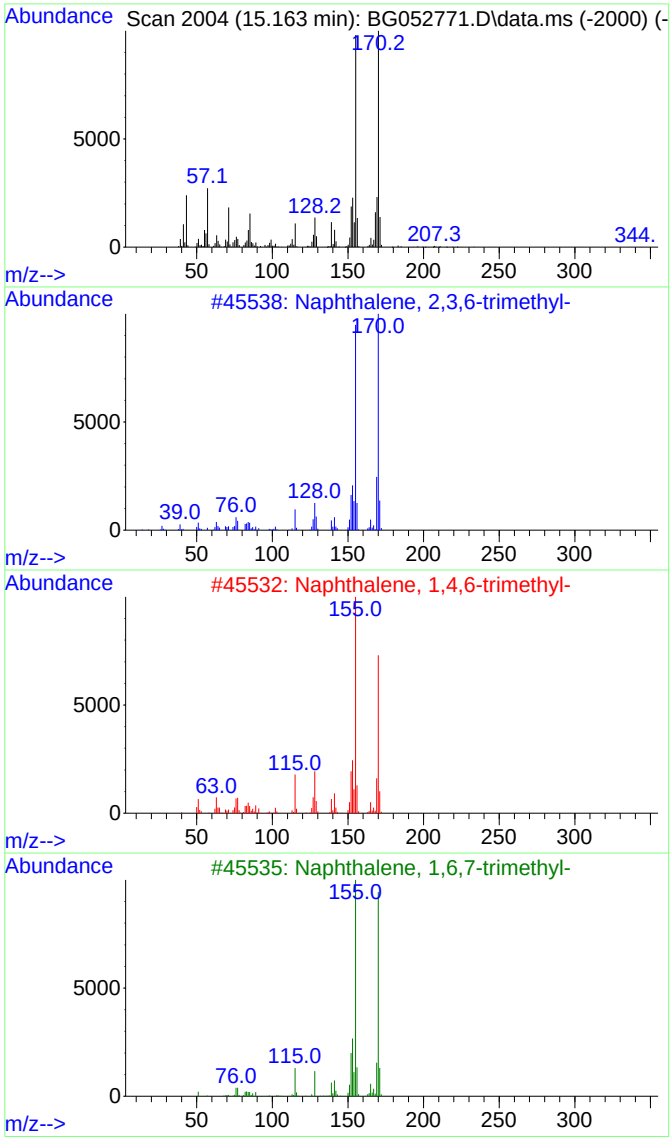
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

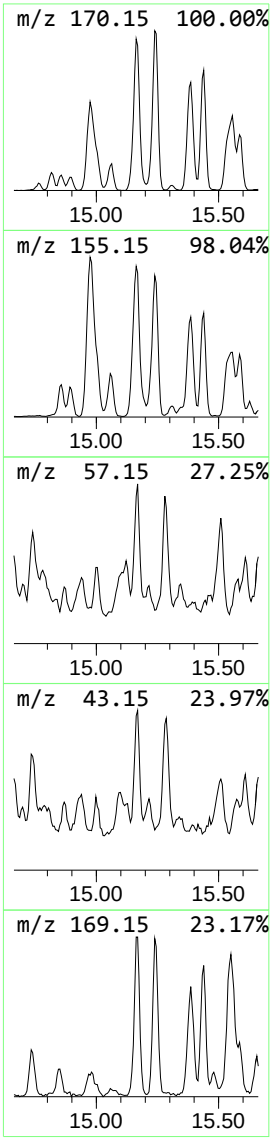
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.163	33.70 ng	1731780	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B17-23.5-24.0

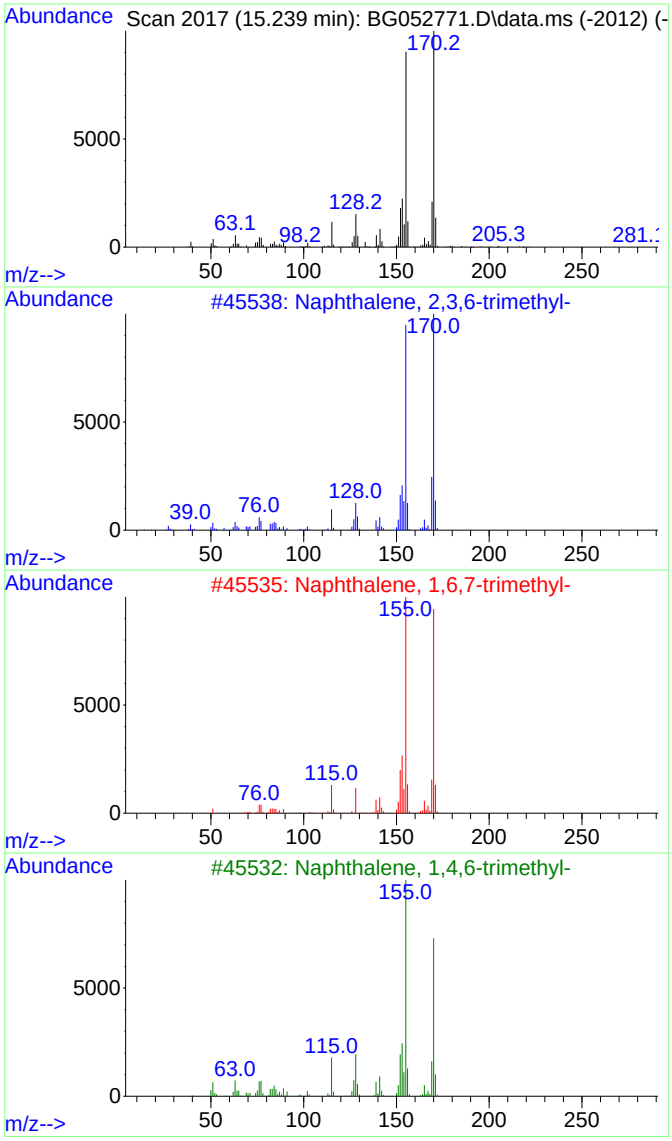
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

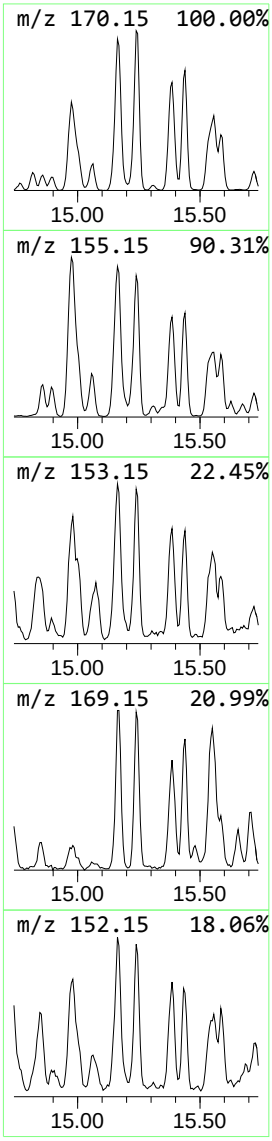
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	20.47 ng	1051900	Acenaphthene-d10	14.769

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	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90





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Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B17-23.5-24.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

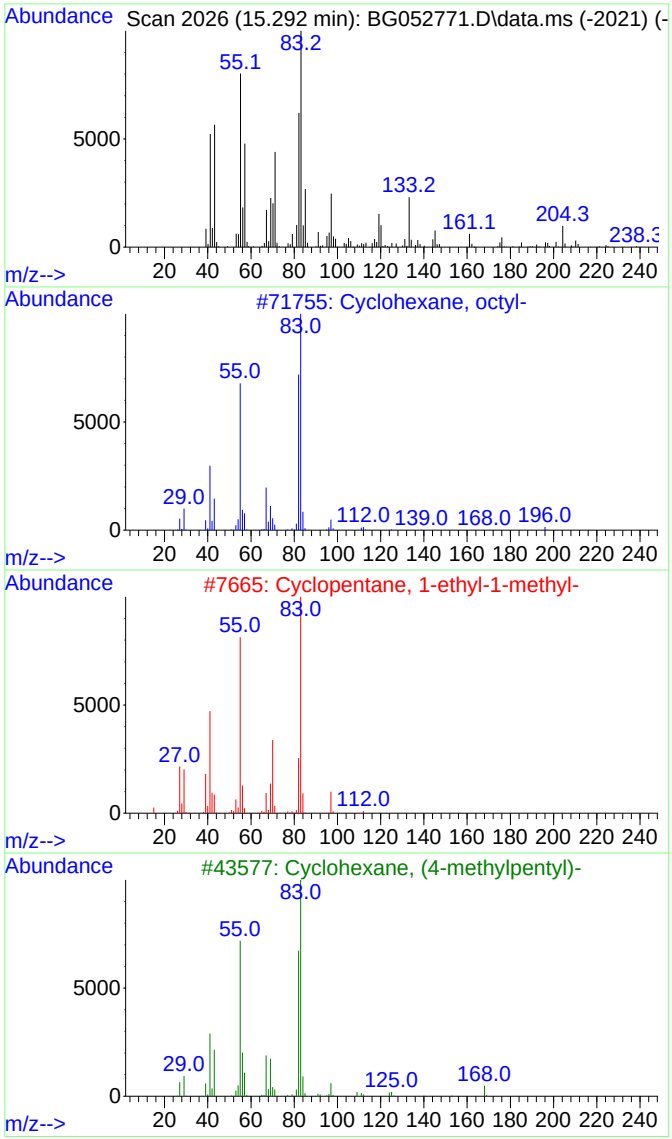
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

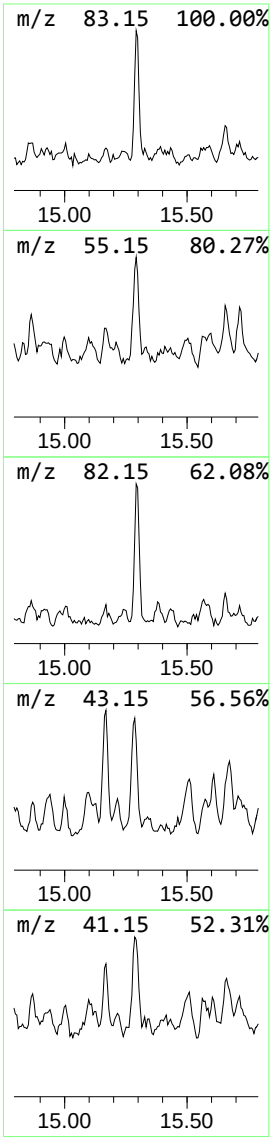
****

Peak Number 12 unknown15.292 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	19.33 ng	993358	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	45
2	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
4	Cyclohexane, 1,1'-(1,2-ethanediy...	194	C14H26	003321-50-4	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





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Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B17-23.5-24.0

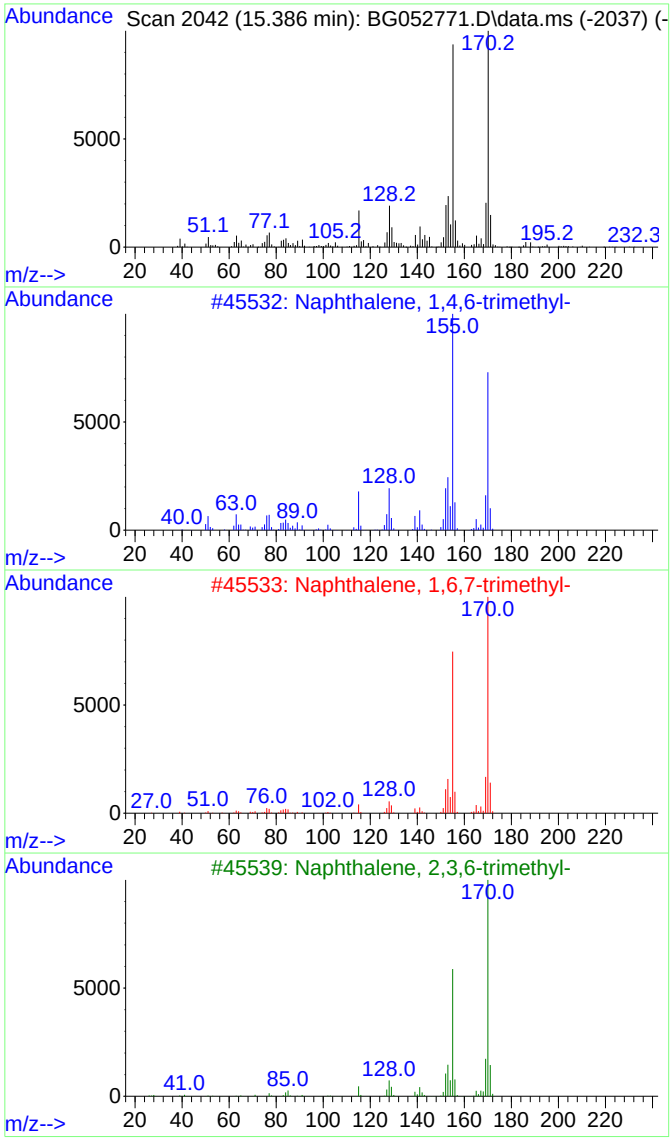
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

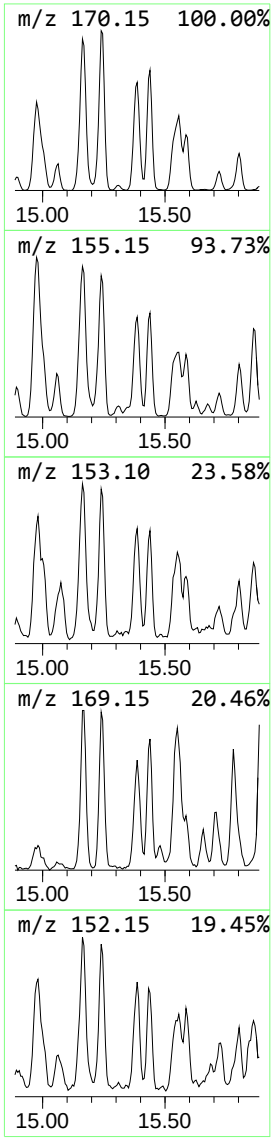
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	23.29 ng	1196800	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B17-23.5-24.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

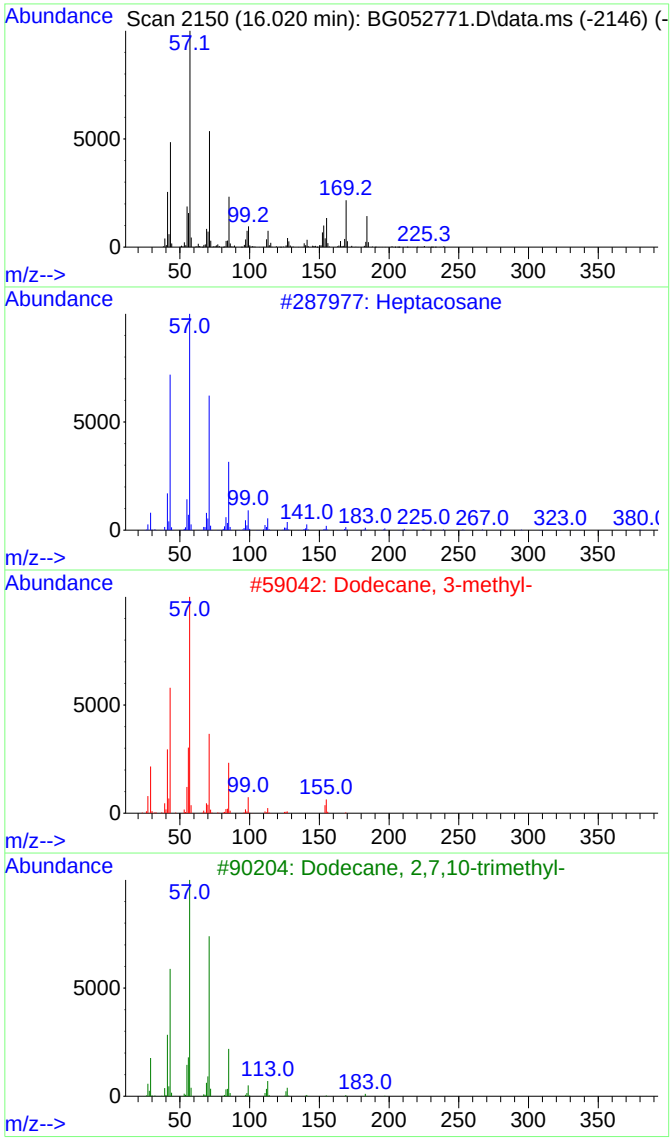
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

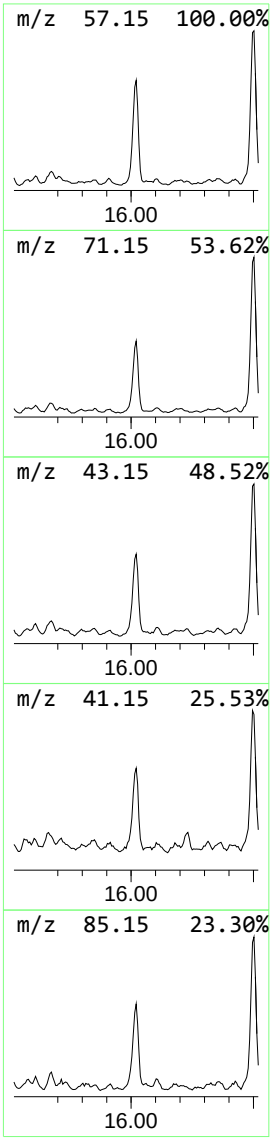
****

Peak Number 14 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.020	40.07 ng	2059110	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	52
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	52
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	46
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
5	Hexadecane	226	C16H34	000544-76-3	43





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Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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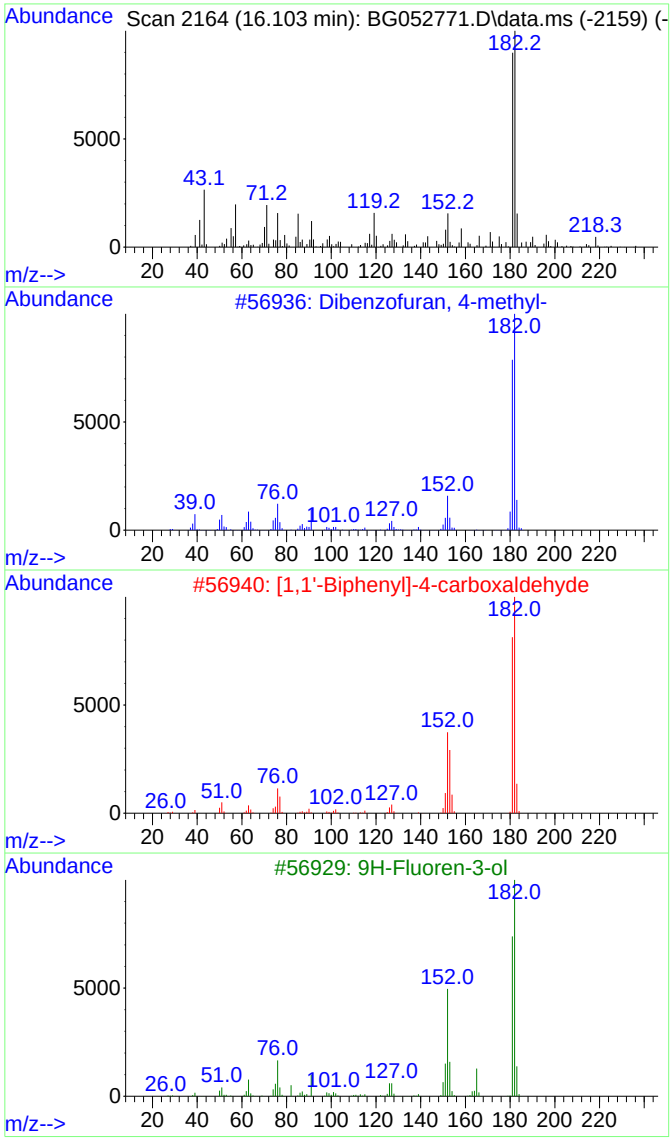
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

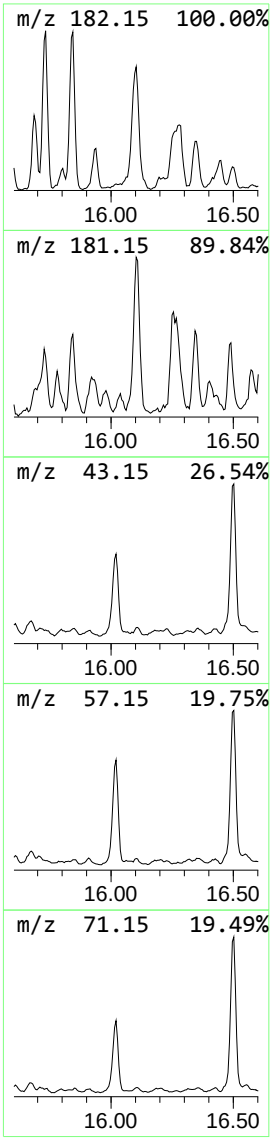
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.103	23.70 ng	1217940	Acenaphthene-d10	14.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	74
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	68
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	64
4	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	53
5	9H-Xanthene	182	C13H10O	000092-83-1	47





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ALS Vial : 12 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

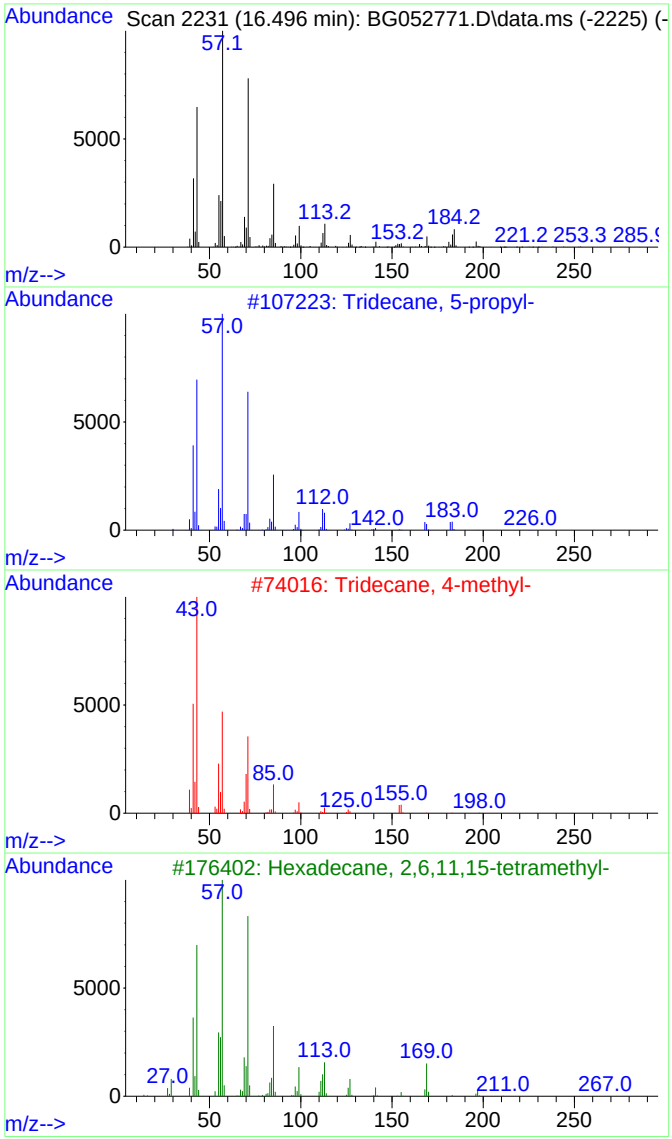
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

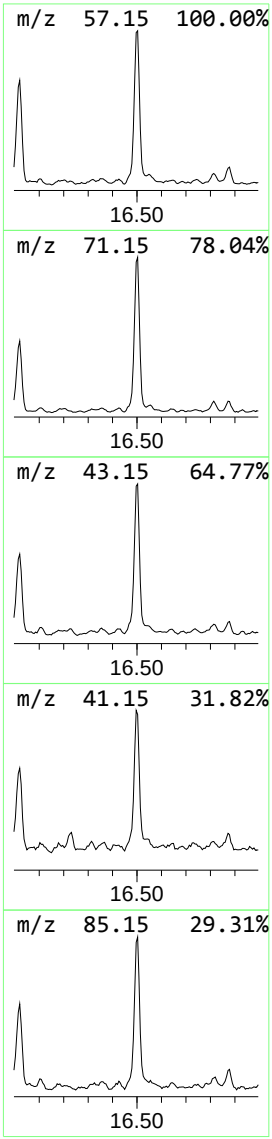
****

Peak Number 16 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.496	83.69 ng	3600870	Phenanthrene-d10	17.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	93
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	90
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052771.D
Acq On : 21 Mar 2022 17:10
Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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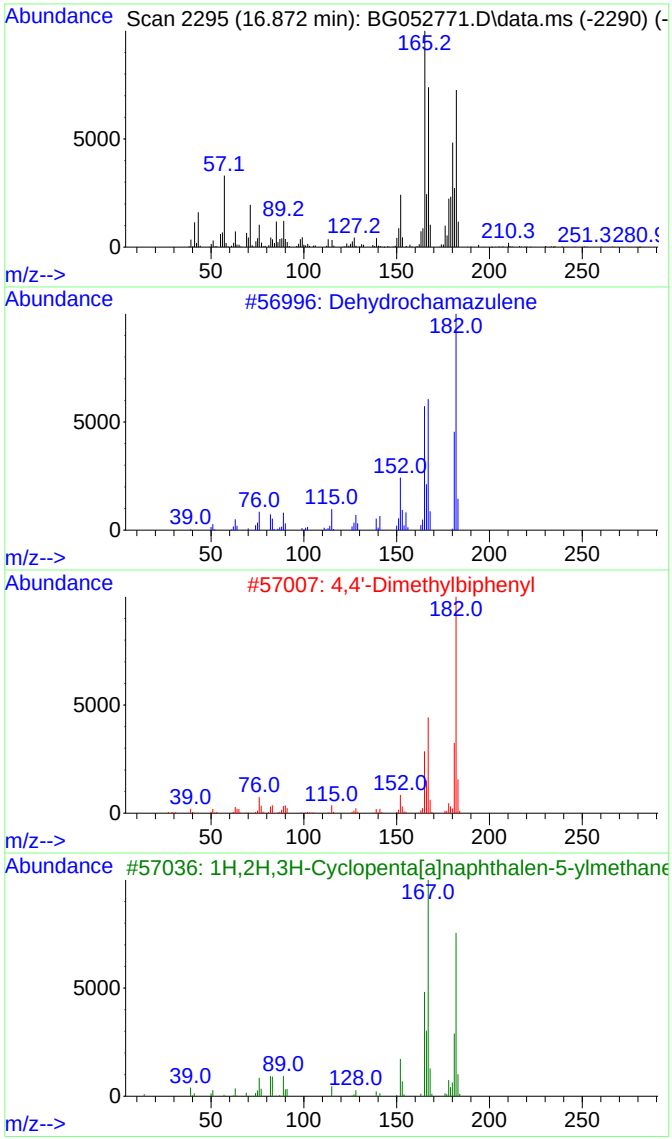
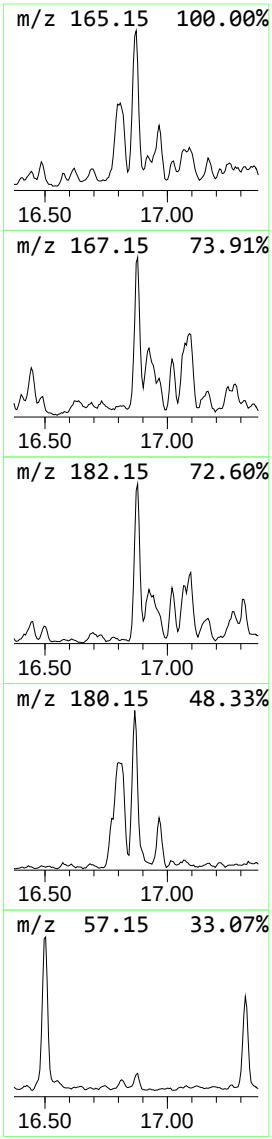
Peak Number 17 Dehydrochamazulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.872	26.60 ng	1144280	Phenanthrene-d10	17.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	83
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
3	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	60
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	60
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052771.D
Acq On : 21 Mar 2022 17:10
Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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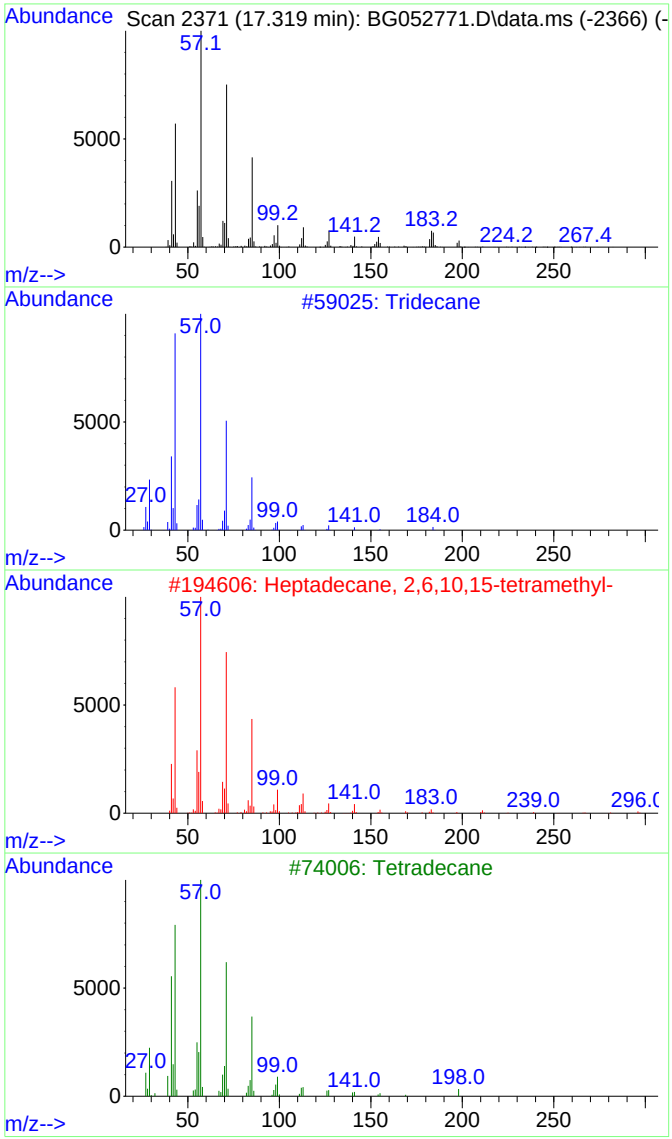
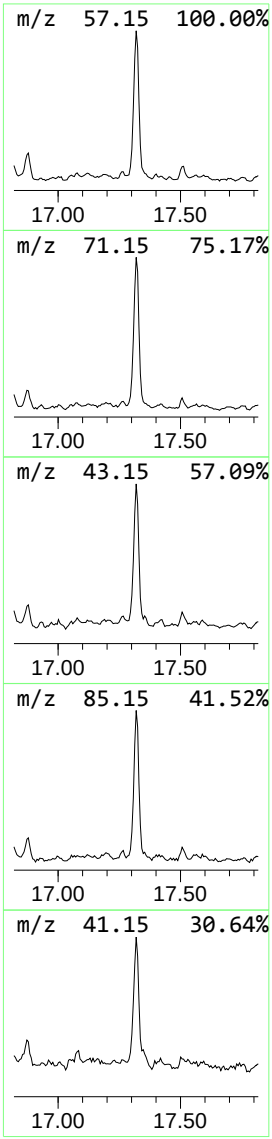
Peak Number 18 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.319	60.55 ng	2605310	Phenanthrene-d10	17.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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Data File : BG052771.D
Acq On : 21 Mar 2022 17:10
Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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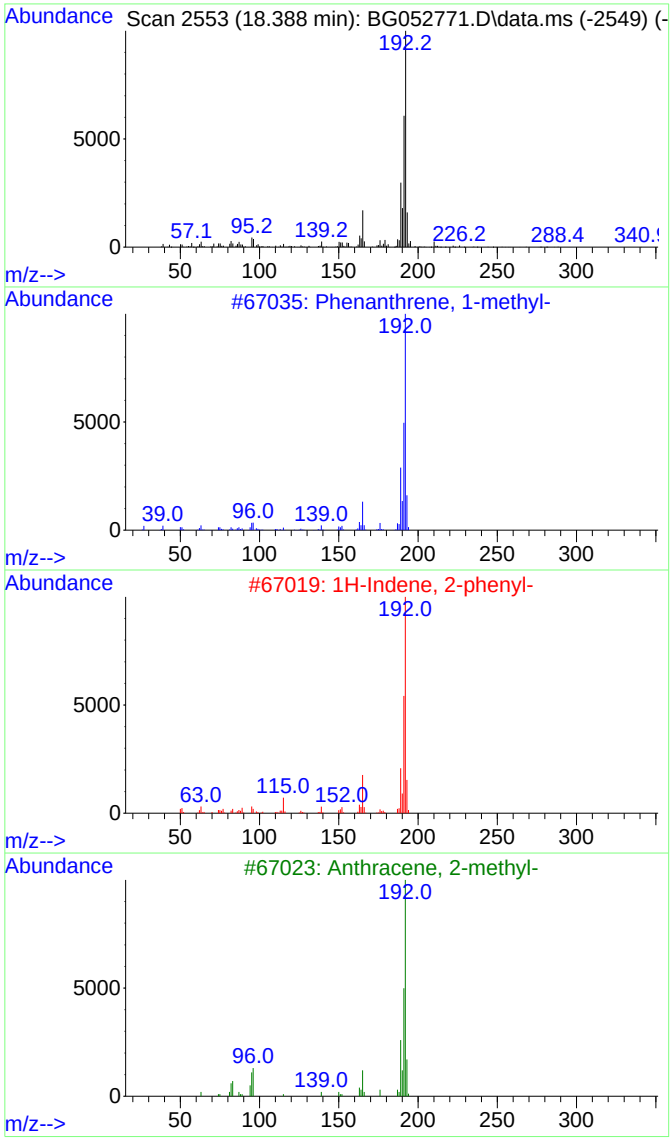
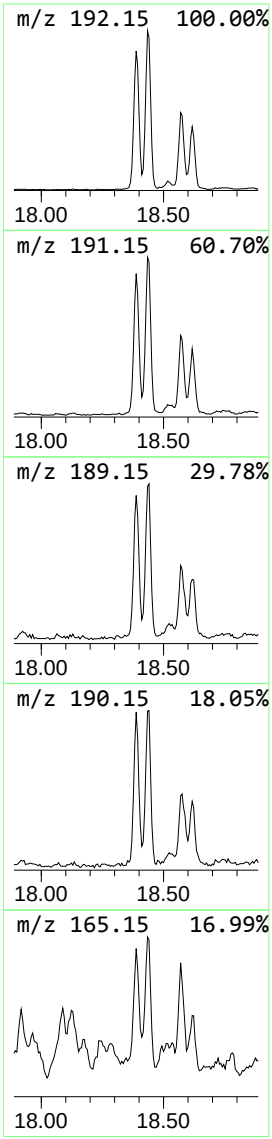
Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.388	20.54 ng	883924	Phenanthrene-d10	17.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052771.D
Acq On : 21 Mar 2022 17:10
Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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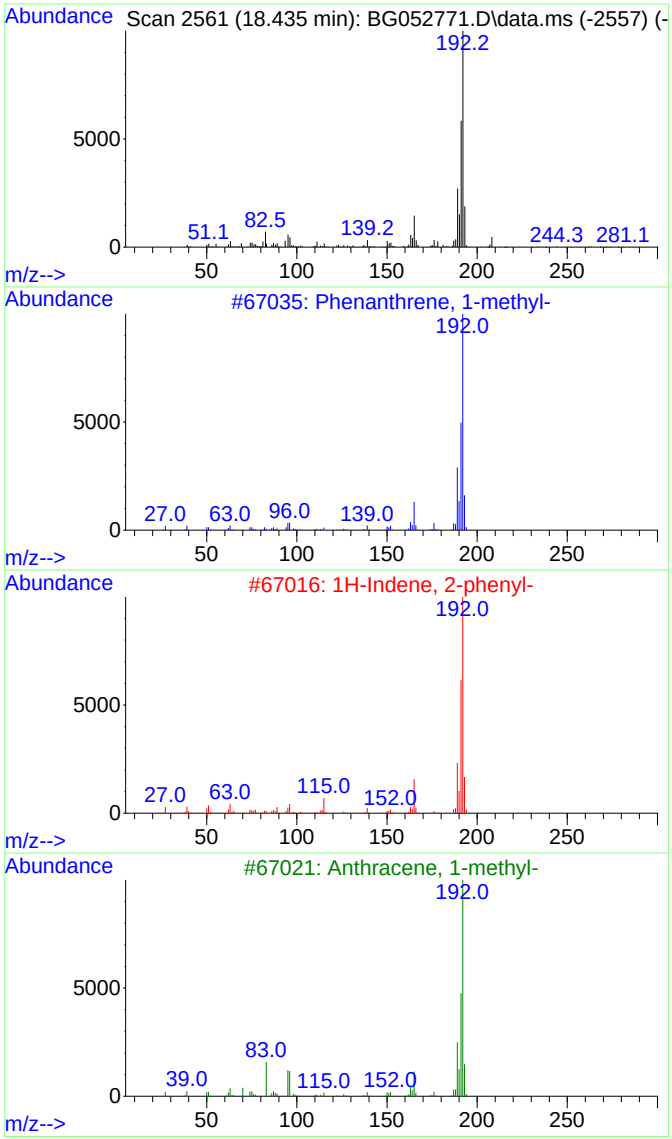
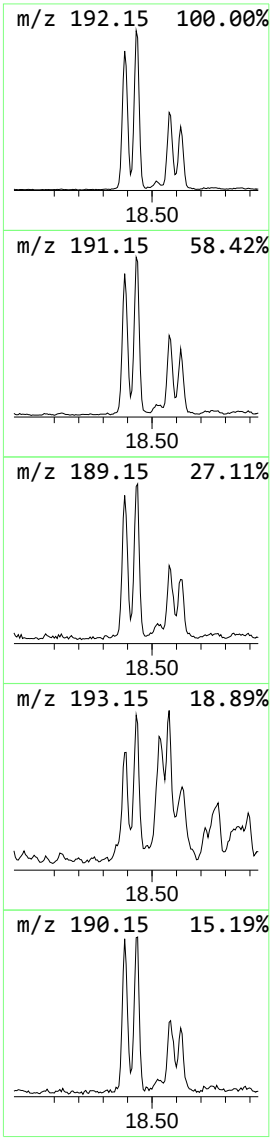
Peak Number 20 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.435	26.03 ng	1119860	Phenanthrene-d10	17.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052771.D
Acq On : 21 Mar 2022 17:10
Operator : CG/JU
Sample : N1709-14 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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, 1,3-di...	9.512	19.7	ng	810621	1	8.143	823332	20.0
Dodecane, 2,6,1...	13.318	33.9	ng	1739940	3	14.769	1027790	20.0
Naphthalene, 1,...	13.718	20.9	ng	1073140	3	14.769	1027790	20.0
Naphthalene, 1,...	13.935	55.5	ng	2852530	3	14.769	1027790	20.0
Naphthalene, 1,...	14.094	60.6	ng	3114790	3	14.769	1027790	20.0
Naphthalene, 1,...	14.146	31.9	ng	1639050	3	14.769	1027790	20.0
1-Octadecanesul...	14.252	27.8	ng	1429390	3	14.769	1027790	20.0
Naphthalene, 1,...	14.329	33.1	ng	1703050	3	14.769	1027790	20.0
Naphthalene, 1-...	14.981	36.0	ng	1850690	3	14.769	1027790	20.0
Naphthalene, 2,...	15.163	33.7	ng	1731780	3	14.769	1027790	20.0
Naphthalene, 1,...	15.239	20.5	ng	1051900	3	14.769	1027790	20.0
unknown15.292	15.292	19.3	ng	993358	3	14.769	1027790	20.0
Naphthalene, 1,...	15.386	23.3	ng	1196800	3	14.769	1027790	20.0
Heptacosane	16.020	40.1	ng	2059110	3	14.769	1027790	20.0
Dibenzofuran, 4...	16.103	23.7	ng	1217940	3	14.769	1027790	20.0
Tridecane, 5-pr...	16.496	83.7	ng	3600870	4	17.512	860503	20.0
Dehydrochamazulene	16.872	26.6	ng	1144280	4	17.512	860503	20.0
Tridecane	17.319	60.5	ng	2605310	4	17.512	860503	20.0
Phenanthrene, 1...	18.388	20.5	ng	883924	4	17.512	860503	20.0
1H-Indene, 2-ph...	18.435	26.0	ng	1119860	4	17.512	860503	20.0