LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BG052768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.136	628	638	643	rBV5	77578	177382	11.21%	0.456%
2	7.301	659	666	673	rVB4	104149	225357	14.24%	0.579%
3	8.141	802	809	816	rVB2	232889	523556	33.07%	1.345%
4	8.446	857	861	868	rVB3	67894	117392	7.42%	0.301%
5	8.804	915	922	928	rBV4	107568	269553	17.03%	0.692%
6	8.916	935	941	945	rBV	87614	158780	10.03%	0.408%
7	9.157	977	982	990	rVB4	53927	114098	7.21%	0.293%
8	9.257	990	999	1006	rBV2	205747	491732	31.06%	1.263%
9	9.351	1009	1015	1024	rVB4	88378	221468	13.99%	0.569%
10	9.503	1032	1041	1048	rBV8	68947	246998	15.60%	0.634%
11	9.639	1051	1064	1072	rBV8	60767	222070	14.03%	0.570%
12	9.785	1084	1089	1095	rVV3	85410	197388	12.47%	0.507%
13	9.844	1095	1099	1103	rVV	109782	179605	11.35%	0.461%
14	10.044	1124	1133	1136	rBV4	84852	173831	10.98%	0.446%
15	10.091	1136	1141	1145	rVB2	83155	143703	9.08%	0.369%
16	10.144	1145	1150	1156	rBV7	113692	215083	13.59%	0.552%
17	10.208	1156	1161	1164	rBV2	111010	198987	12.57%	0.511%
18	10.302	1171	1177	1181	rBV	91779	162888	10.29%	0.418%
19	10.361	1181	1187	1194	rVV3	208930	531877	33.60%	1.366%
20	10.420	1194	1197	1202	rVB2	118833	196317	12.40%	0.504%
21	10.490	1203	1209	1214	rBV2	97344	213983	13.52%	0.550%
22	10.537	1214	1217	1222	rVV5	74286	128893	8.14%	0.331%
23	10.590	1222	1226	1233	rVB2	138922	257614	16.27%	0.662%
24	10.661	1233	1238	1242	rBV	81686	140925	8.90%	0.362%
25	10.866	1269	1273	1278	rVV6	54884	132859	8.39%	0.341%
26	10.954	1278	1288	1293	rVV2	298832	819324	51.76%	2.104%
27	11.007	1293	1297	1305	rVV3	197994	458985	28.99%	1.179%
28	11.078	1305	1309	1312	rVV2	93020	164012	10.36%	0.421%
29	11.119	1312	1316	1322	rVB	263396	420219	26.55%	1.079%
30	11.184	1322	1327	1334	rBV3	84740	166730	10.53%	0.428%
31	11.336	1344	1353	1358	rBV7	51892	148158	9.36%	0.381%
32	11.430	1364	1369	1379	rVB4	193975	459703	29.04%	1.181%
33	11.542	1380	1388	1392	rBV2	118209	250579	15.83%	0.644%
34	11.624	1398	1402	1405	rBV	100014	164848	10.41%	0.423%
35	11.665	1405	1409	1416	rVV6	161223	372050	23.50%	0.956%
36	11.724	1416	1419	1426	rVB5	90247	180680	11.41%	0.464%

LSC Area Percent Report

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Data File : BG052768.D
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Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

37	11.794	1426	1431	1437	rBV4	146357	246109	15.55%	0.632%
38	11.871	1438	1444	1451	rBV4	195191	407827	25.76%	1.047%
39	11.982	1457	1463	1467	rBV	325470	558016	35.25%	1.433%
40	12.065	1472	1477	1483	rVB2	123465	229055	14.47%	0.588%
41	12.147	1485	1491	1498	rVB2	429659	772809	48.82%	1.985%
42	12.499	1545	1551	1556	rVB4	233436	428617	27.08%	1.101%
43	12.605	1560	1569	1579	rVB2	757047	1558545	98.46%	4.003%
44	12.822	1599	1606	1609	rBV	440289	860268	54.34%	2.209%
45	12.852	1609	1611	1617	rVV2	345496	556281	35.14%	1.429%
46	12.993	1631	1635	1639	rBV	135234	211950	13.39%	0.544%
47	13.034	1639	1642	1644	rBV3	84153	111654	7.05%	0.287%
48	13.104	1650	1654	1661	rBV6	126136	242252	15.30%	0.622%
49	13.163	1661	1664	1673	rVB5	88462	134493	8.50%	0.345%
50	13.263	1677	1681	1685	rBV6	69659	151883	9.59%	0.390%
51	13.316	1685	1690	1696	rVB3	453007	729980	46.11%	1.875%
52	13.580	1729	1735	1736	rBV6	82078	144186	9.11%	0.370%
53	13.715	1750	1758	1762	rVB3	242478	502207	31.73%	1.290%
54	13.762	1762	1766	1769	rVV4	126489	188400	11.90%	0.484%
55	13.798	1769	1772	1782	rVB	207905	425908	26.91%	1.094%
56	13.933	1788	1795	1810	rVB3	480721	1444239	91.23%	3.709%
57	14.091	1810	1822	1827	rBV	693988	1583000	100.00%	4.066%
58	14.144	1827	1831	1837	rVB2	518995	842589	53.23%	2.164%
59	14.203	1837	1841	1843	rBV4	119462	184421	11.65%	0.474%
60	14.250	1845	1849	1853	rVB	444735	587318	37.10%	1.508%
61	14.326	1858	1862	1872	rVB4	302721	766173	48.40%	1.968%
62	14.491	1887	1890	1894	rVB2	107718	142986	9.03%	0.367%
63	14.608	1906	1910	1915	rBV4	156539	232134	14.66%	0.596%
64	14.738	1927	1932	1934	rBV	308006	514463	32.50%	1.321%
65	14.767	1934	1937	1942	rVB2	410063	600019	37.90%	1.541%
66	14.820	1942	1946	1948	rBV	87550	135540	8.56%	0.348%
67	14.973	1967	1972	1981	rVB2	309187	802701	50.71%	2.062%
68	15.160	1999	2004	2011	rVB	457853	771827	48.76%	1.982%
69	15.237	2012	2017	2021	rVB	329391	485449	30.67%	1.247%
70	15.290	2021	2026	2036	rVB7	188063	434583	27.45%	1.116%
71	15.384	2036	2042	2046	rBV	281430	552395	34.90%	1.419%
72	15.431	2046	2050	2055	rVB	274429	426121	26.92%	1.094%
73	15.666	2085	2090	2094	rBV5	76869	191743	12.11%	0.492%
74	15.801	2109	2113	2117	rBV3	178282	275119	17.38%	0.707%
75	15.854	2117	2122	2126	rVB3	128134	256918	16.23%	0.660%
76	15.936	2133	2136	2139	rVB	147016	174211	11.01%	0.447%

LSC Area Percent Report

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Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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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	15.977	2139	2143	2145	rBV4	92789	134301	8.48%	0.345%
78	16.018	2145	2150	2156	rVB2	549537	857877	54.19%	2.203%
79	16.095	2158	2163	2167	rBV4	87222	202030	12.76%	0.519%
80	16.224	2182	2185	2188	rVV3	98363	134172	8.48%	0.345%
81	16.318	2197	2201	2207	rBV3	117989	218237	13.79%	0.560%
82	16.494	2225	2231	2237	rBV2	868734	1354625	85.57%	3.479%
83	16.870	2289	2295	2300	rBV3	301583	538217	34.00%	1.382%
84	17.316	2366	2371	2381	rVB	596638	1099954	69.49%	2.825%
85	17.510	2399	2404	2408	rBV	470378	745246	47.08%	1.914%
86	17.551	2408	2411	2416	rVB	192562	277961	17.56%	0.714%
87	17.921	2470	2474	2479	rBV3	167485	277090	17.50%	0.712%
88	18.086	2495	2502	2505	rBV5	128664	267206	16.88%	0.686%
89	18.386	2549	2553	2557	rBV	231467	343065	21.67%	0.881%
90	18.433	2557	2561	2568	rVB	298439	452488	28.58%	1.162%
91	18.568	2581	2584	2588	rVB3	116892	152867	9.66%	0.393%
92	19.120	2675	2678	2682	rBV	83335	111398	7.04%	0.286%
93	19.173	2684	2687	2691	rVB	106936	122962	7.77%	0.316%
94	19.296	2703	2708	2712	rBV	204977	296861	18.75%	0.762%
95	19.431	2727	2731	2736	rBV2	65404	112889	7.13%	0.290%
96	19.931	2813	2816	2822	rVB2	88817	140329	8.86%	0.360%
97	19.989	2822	2826	2832	rVB2	93075	136854	8.65%	0.351%
98	20.107	2843	2846	2850	rVB	121433	154256	9.74%	0.396%
99	21.793	3126	3133	3141	rVB	470438	823223	52.00%	2.114%
100	25.106	3687	3697	3709	rVB3	298220	870822	55.01%	2.236%

Sum of corrected areas: 38936946

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
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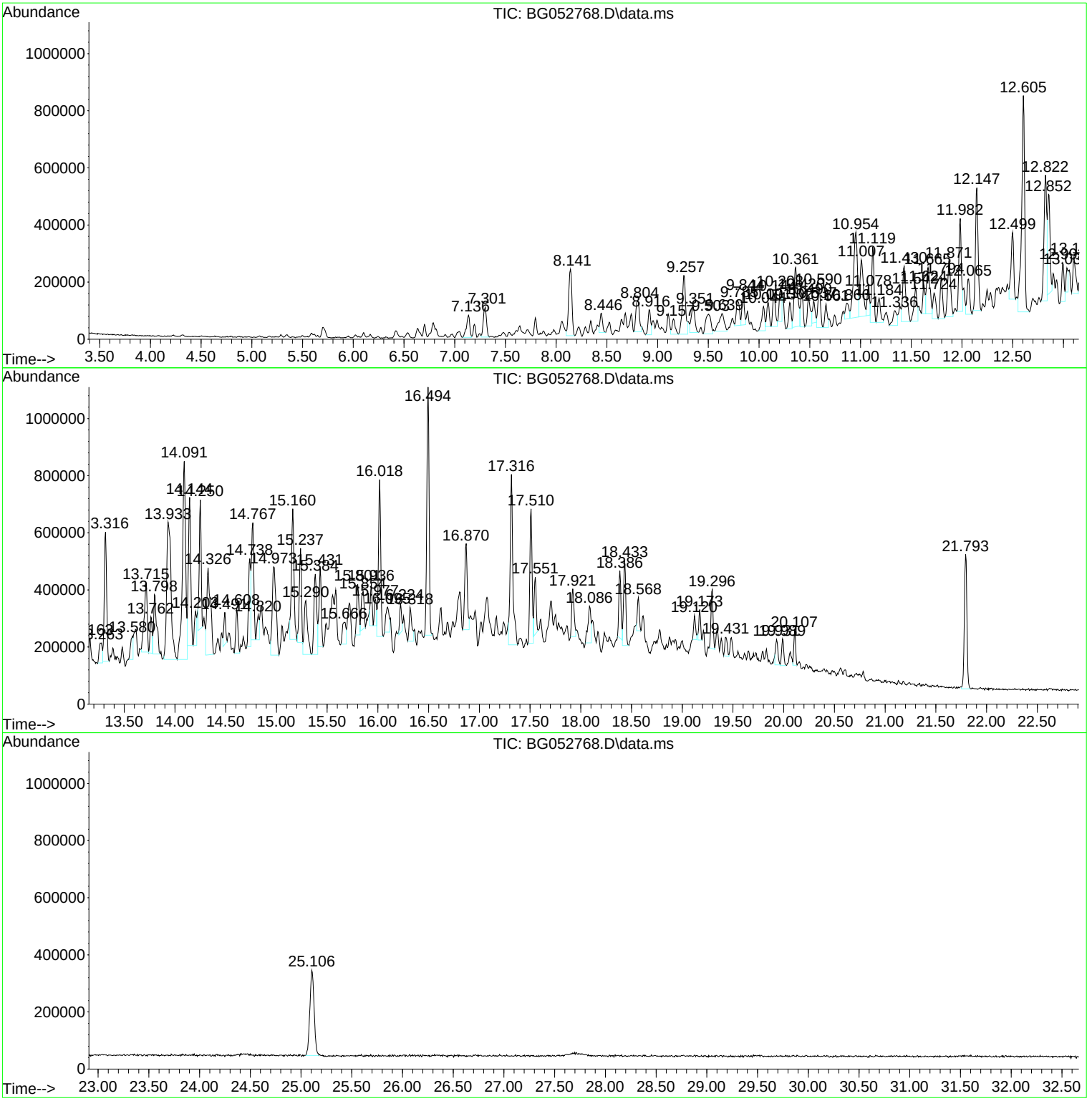
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
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Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

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

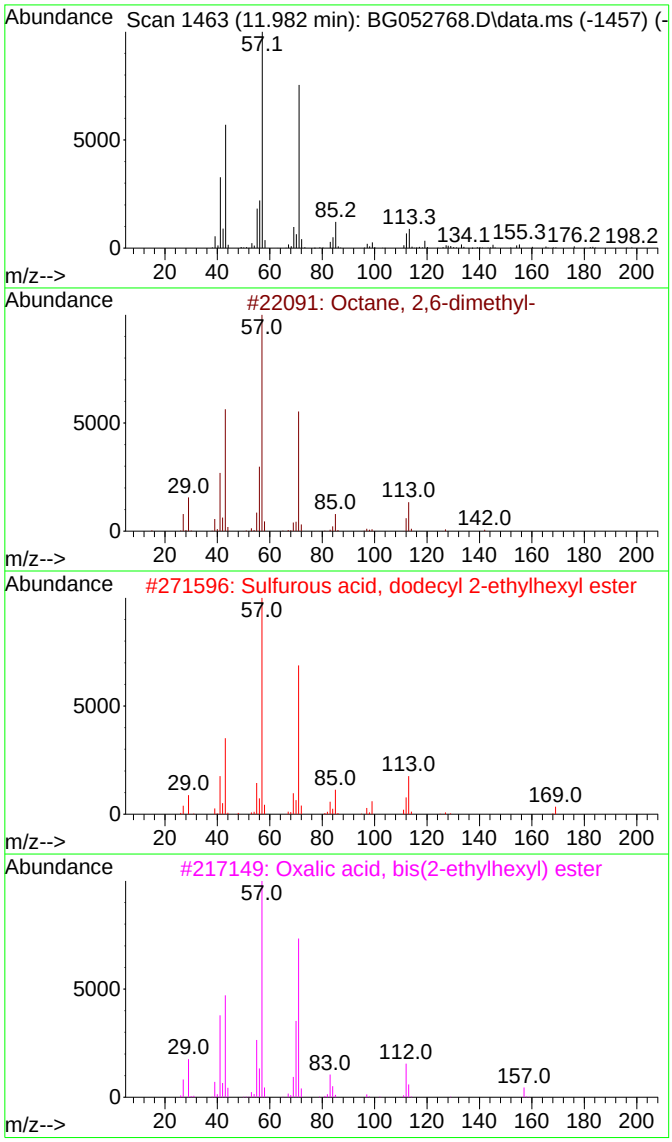
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

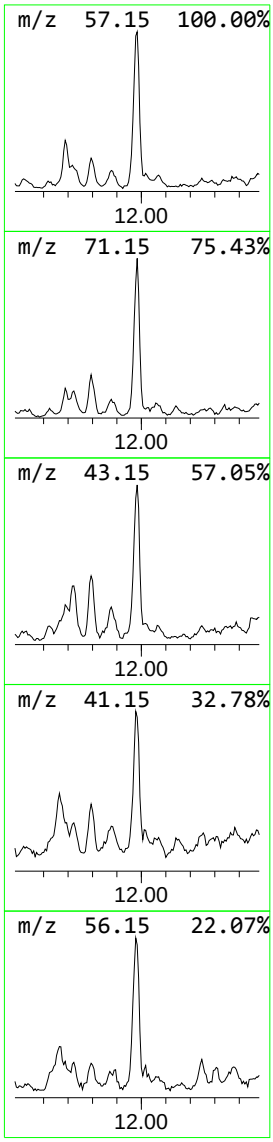
****

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.982	13.62 ng	558016	Naphthalene-d8	10.960

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	72
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
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Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

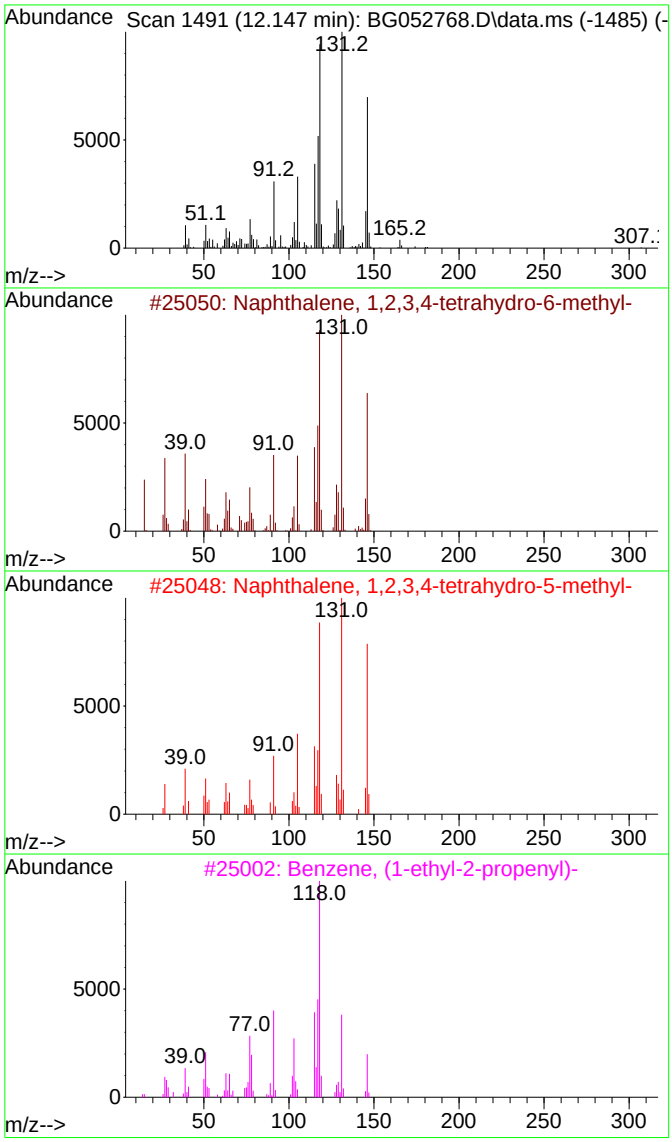
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

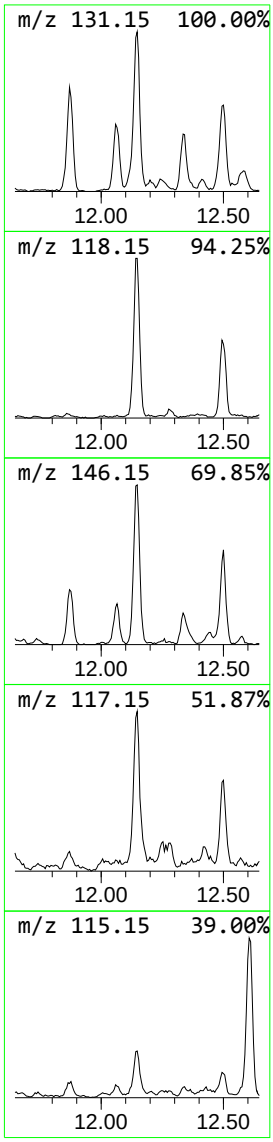
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.147	18.86 ng	772809	Naphthalene-d8	10.960

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	91
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	76
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
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Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

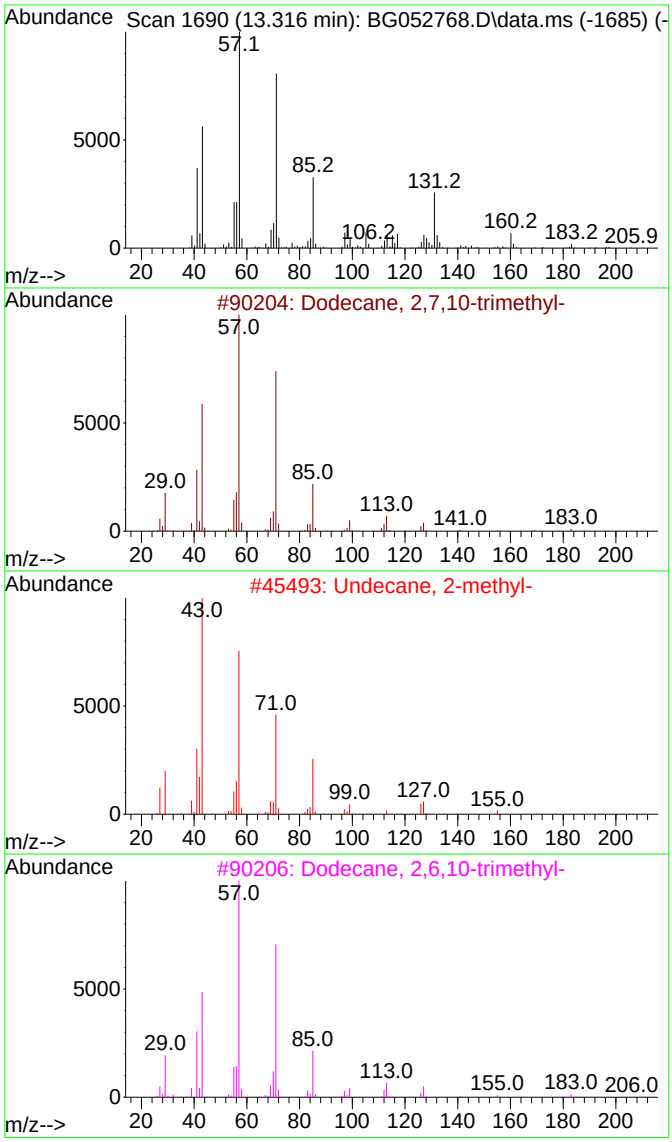
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

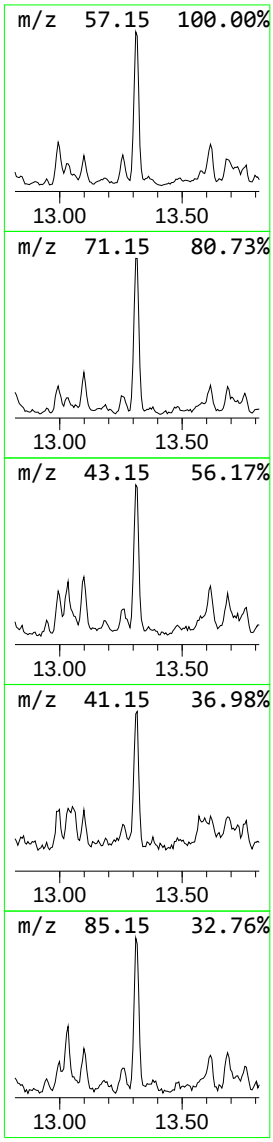
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	24.33 ng	729980	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	68
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	53
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
4	1-Decene, 4-methyl-	154	C11H22	013151-29-6	50
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

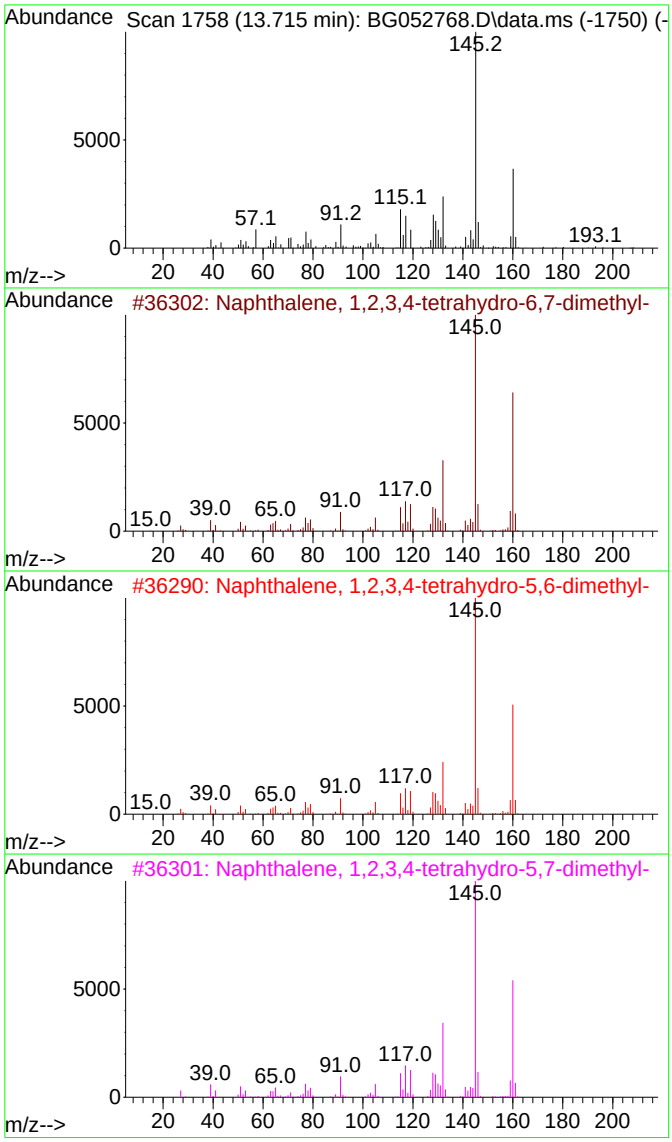
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

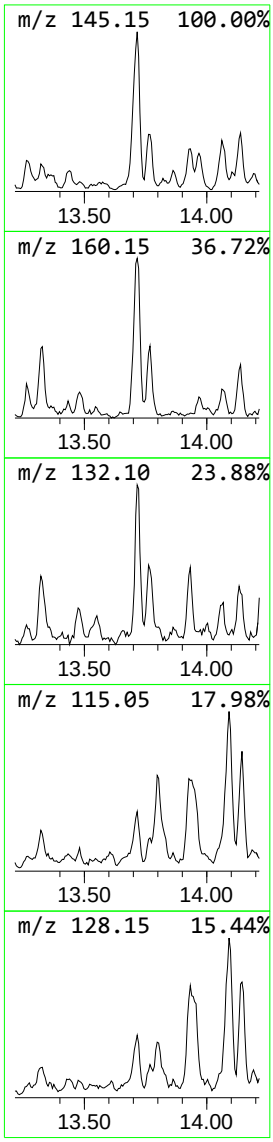
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.715	16.74 ng	502207	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

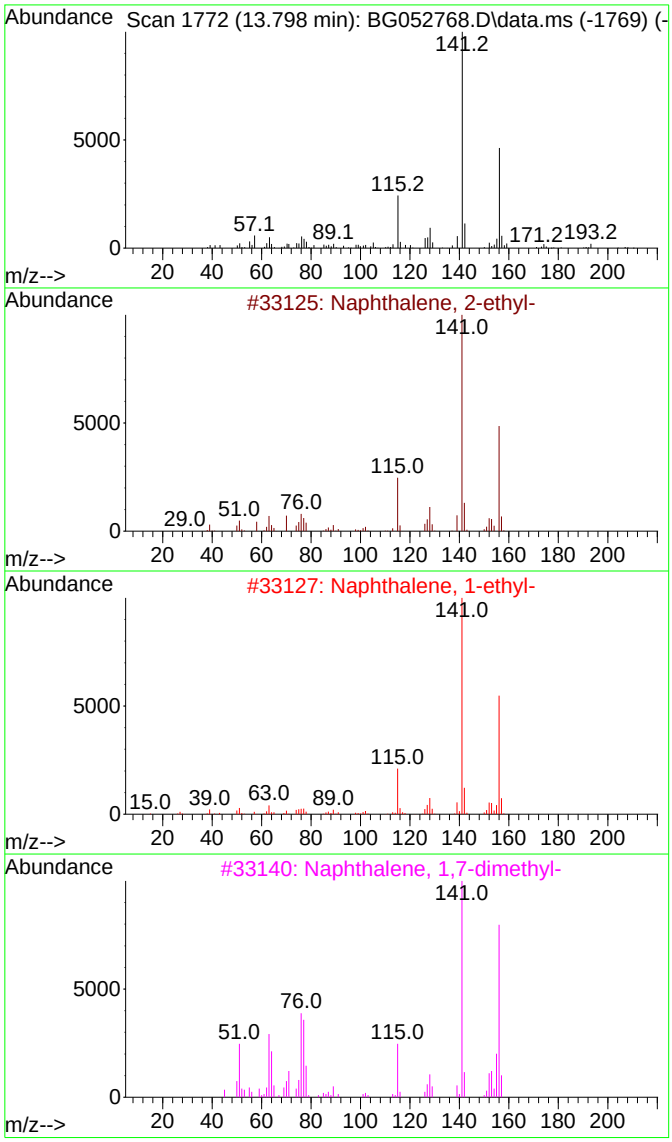
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

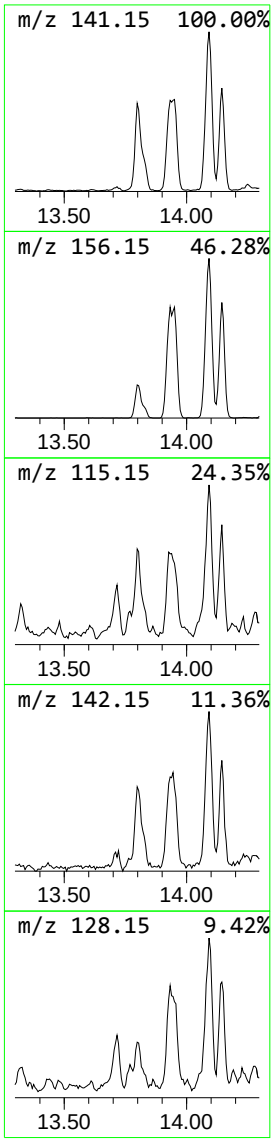
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	14.20 ng	425908	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

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

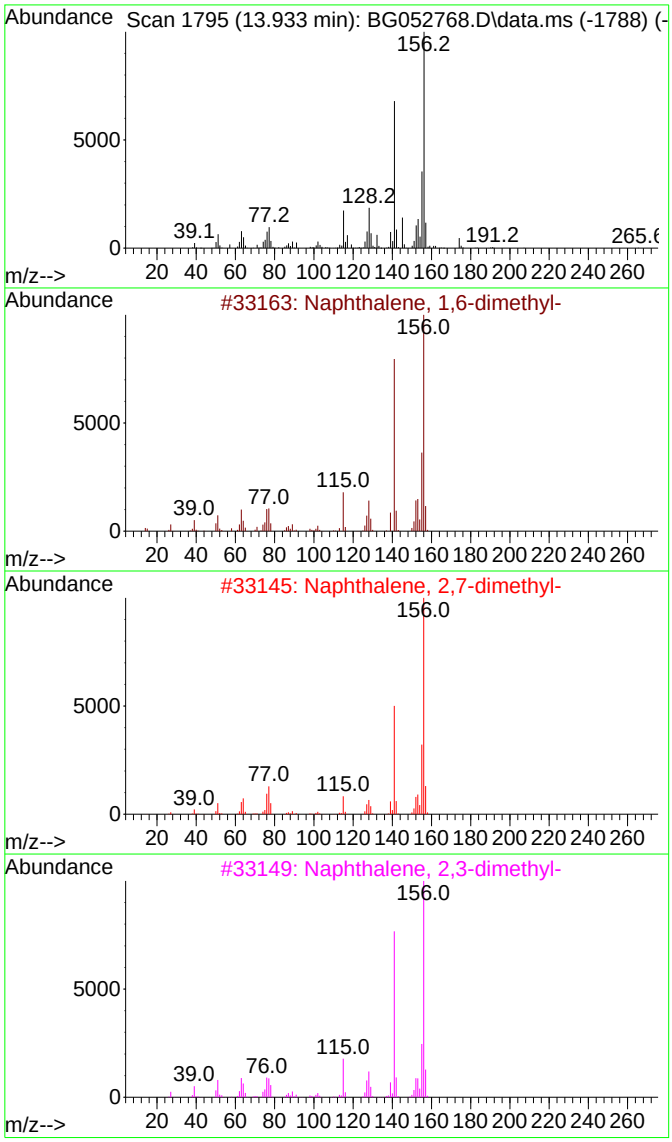
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

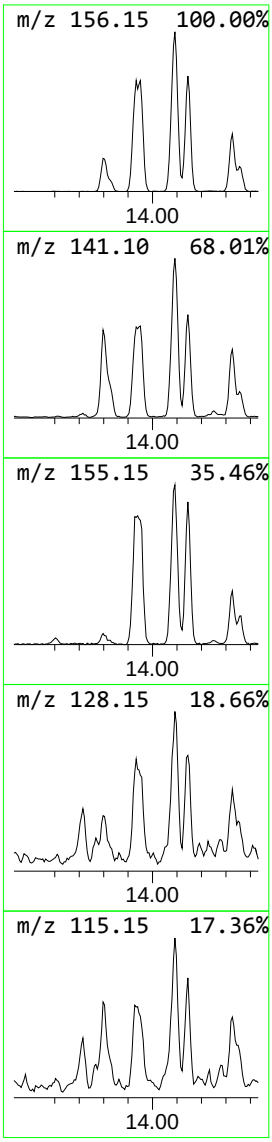
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	48.14 ng	1444240	Acenaphthene-d10	14.767

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, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

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

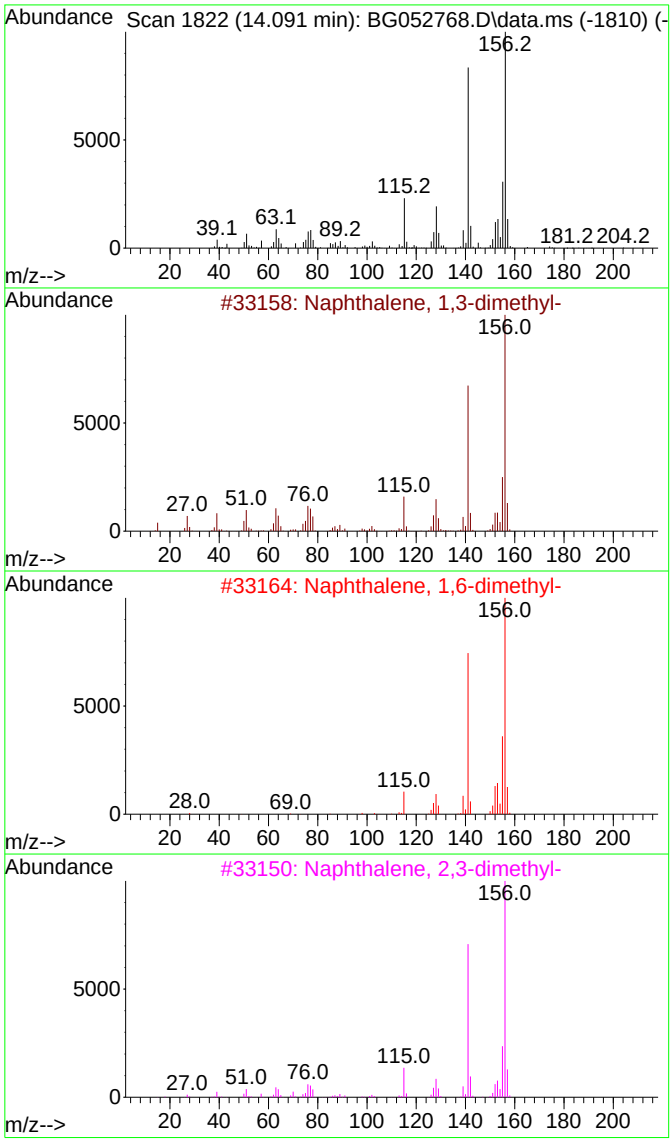
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

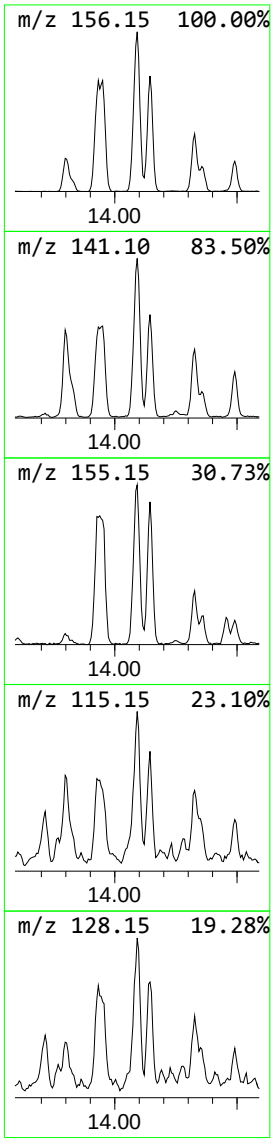
****

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.091	52.77 ng	1583000	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

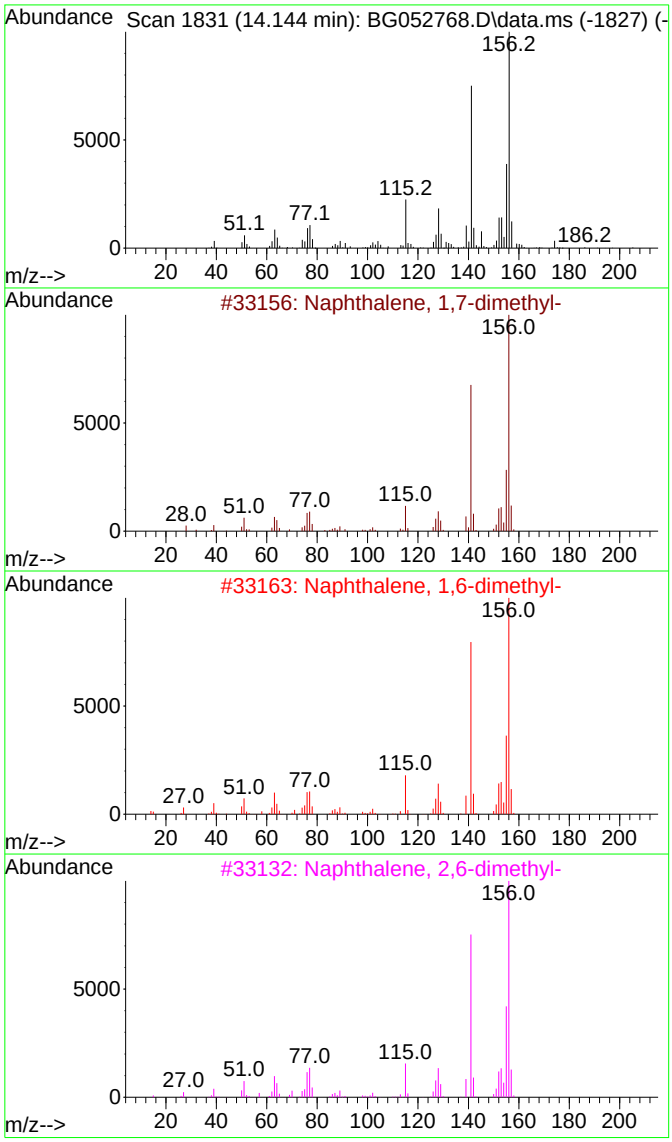
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

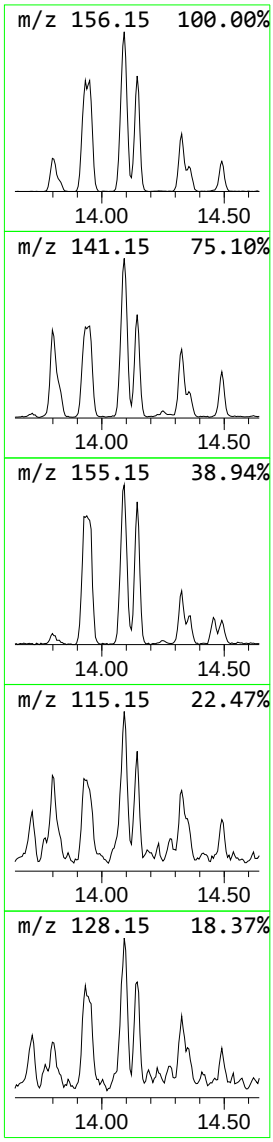
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.144	28.09 ng	842589	Acenaphthene-d10	14.767

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, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

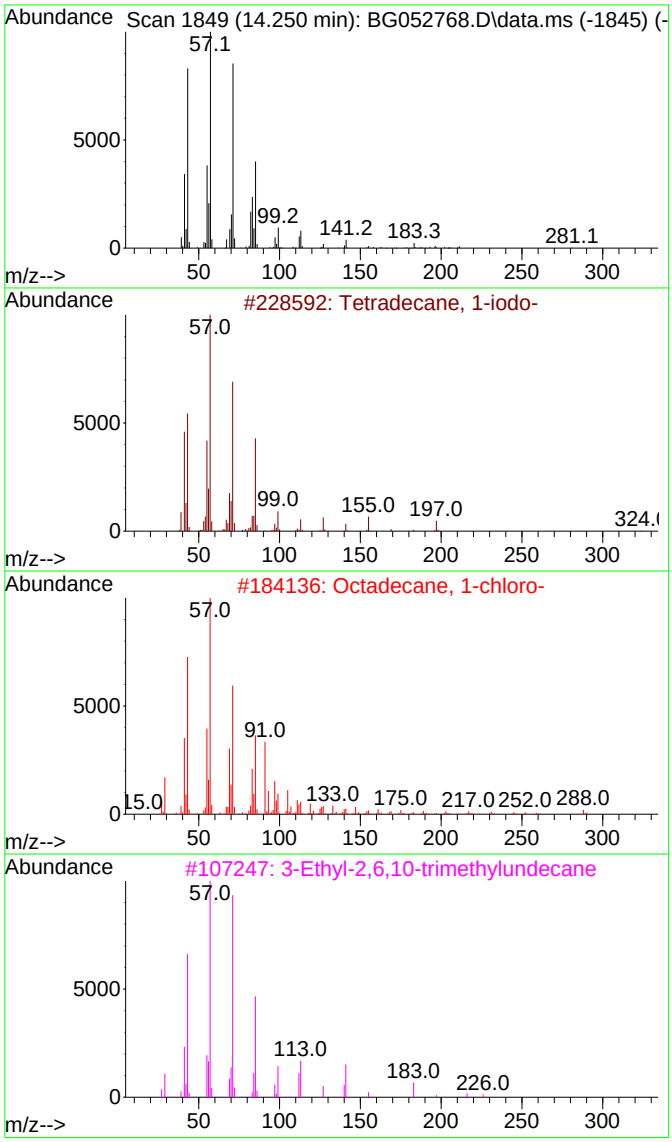
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

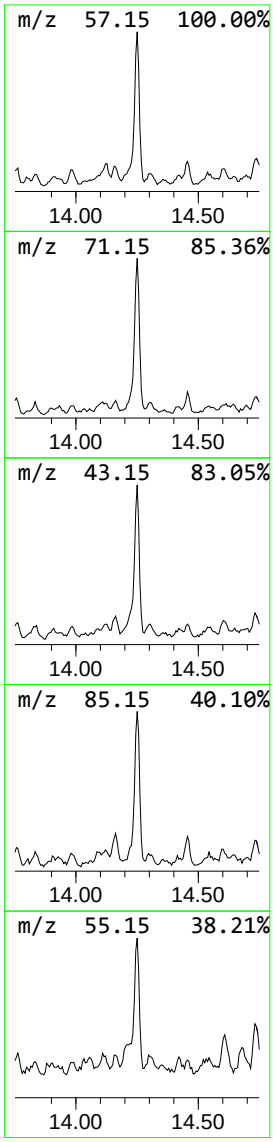
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Tetradecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.250	19.58 ng	587318	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	78
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	72
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72





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Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

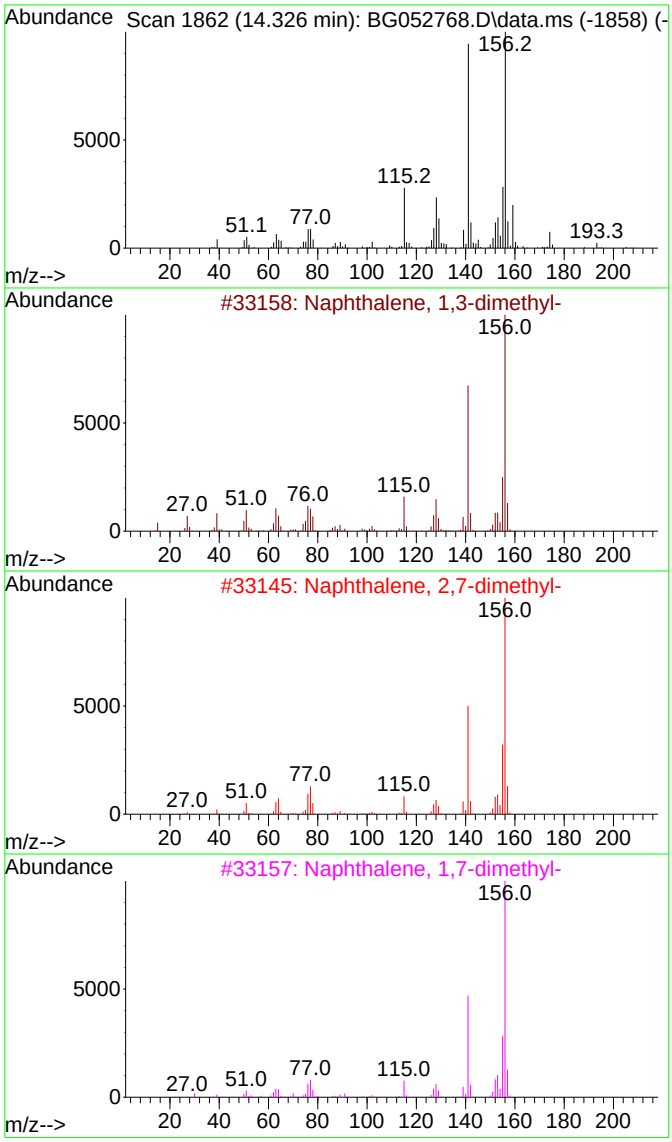
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

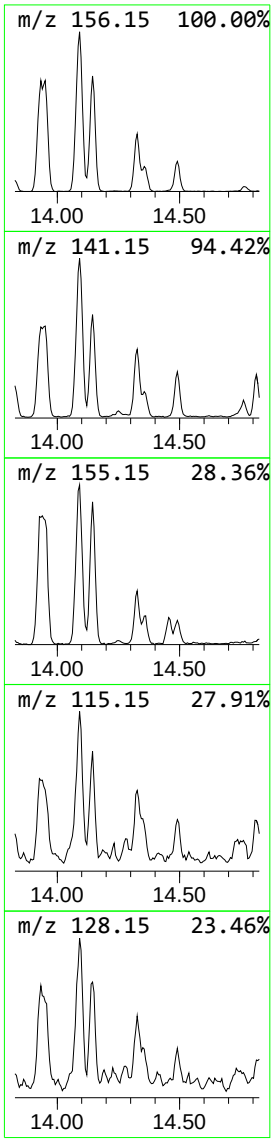
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.326	25.54 ng	766173	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





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Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

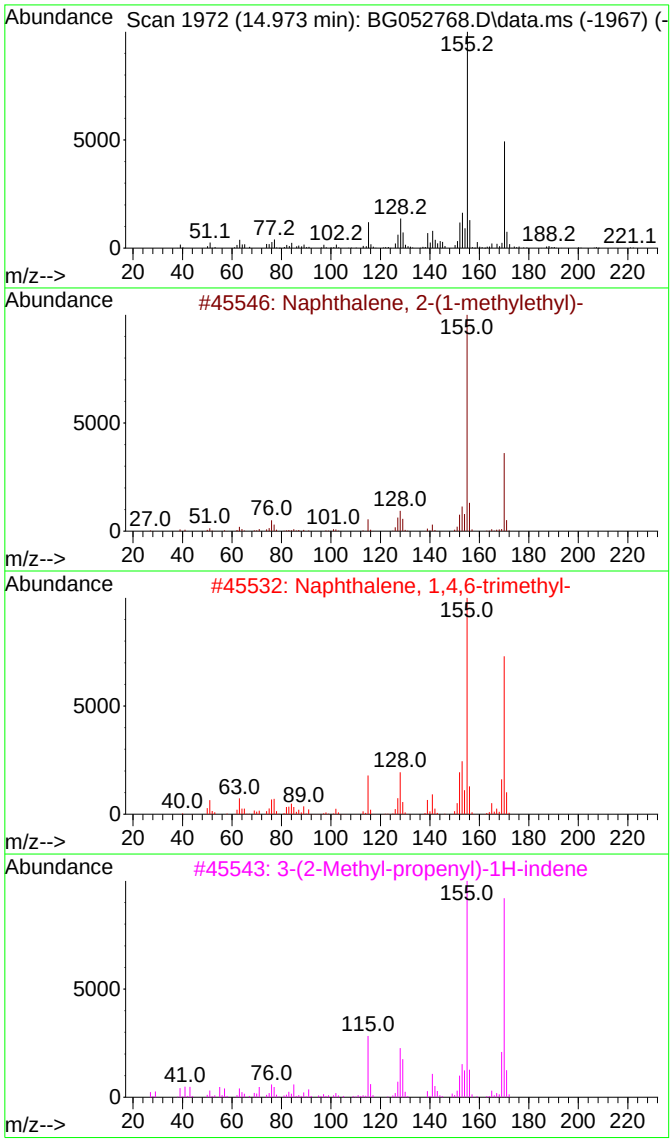
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

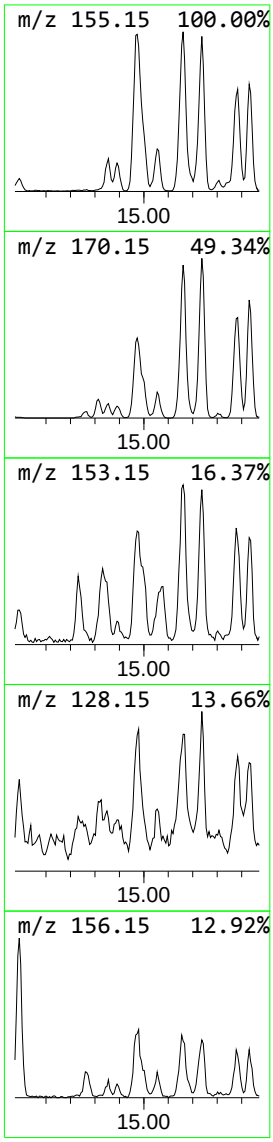
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.973	26.76 ng	802701	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72





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Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

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

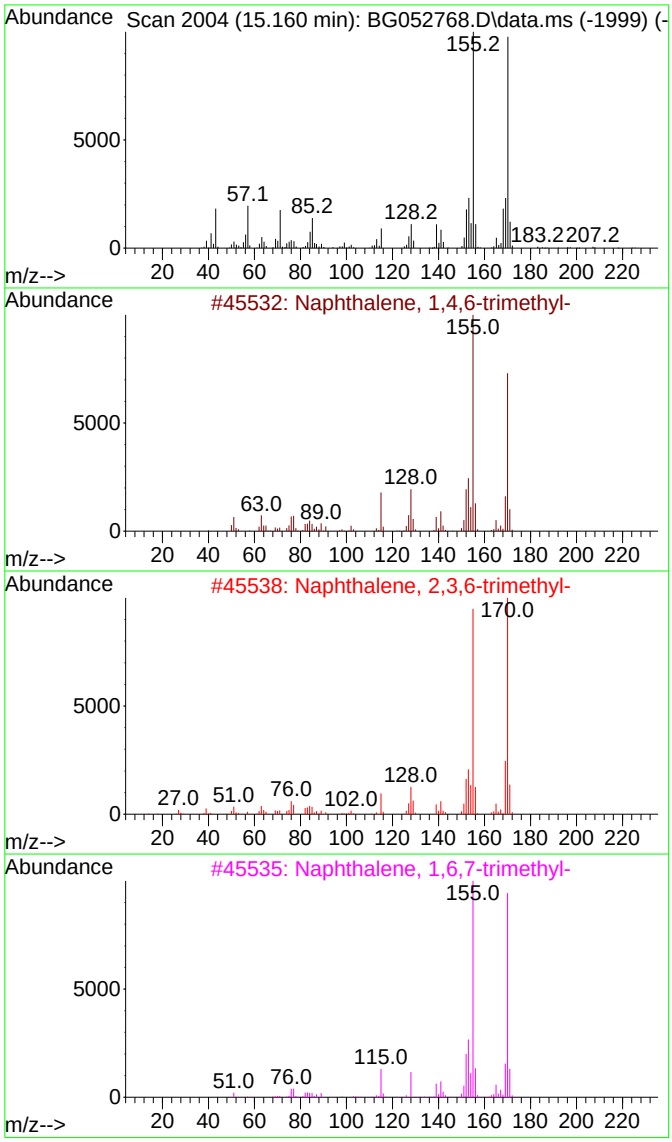
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

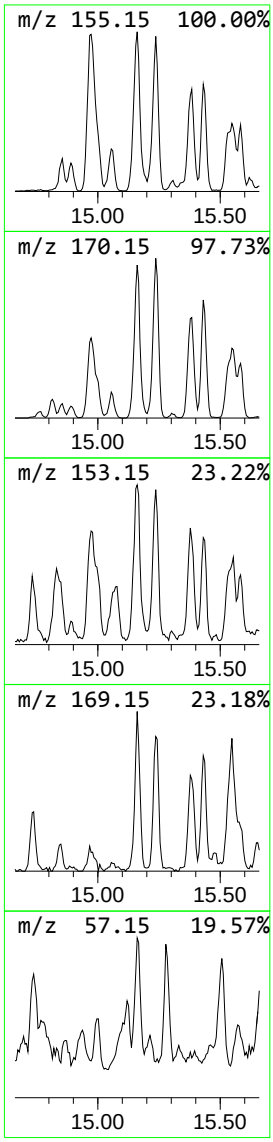
****

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.161	25.73 ng	771827	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83





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Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

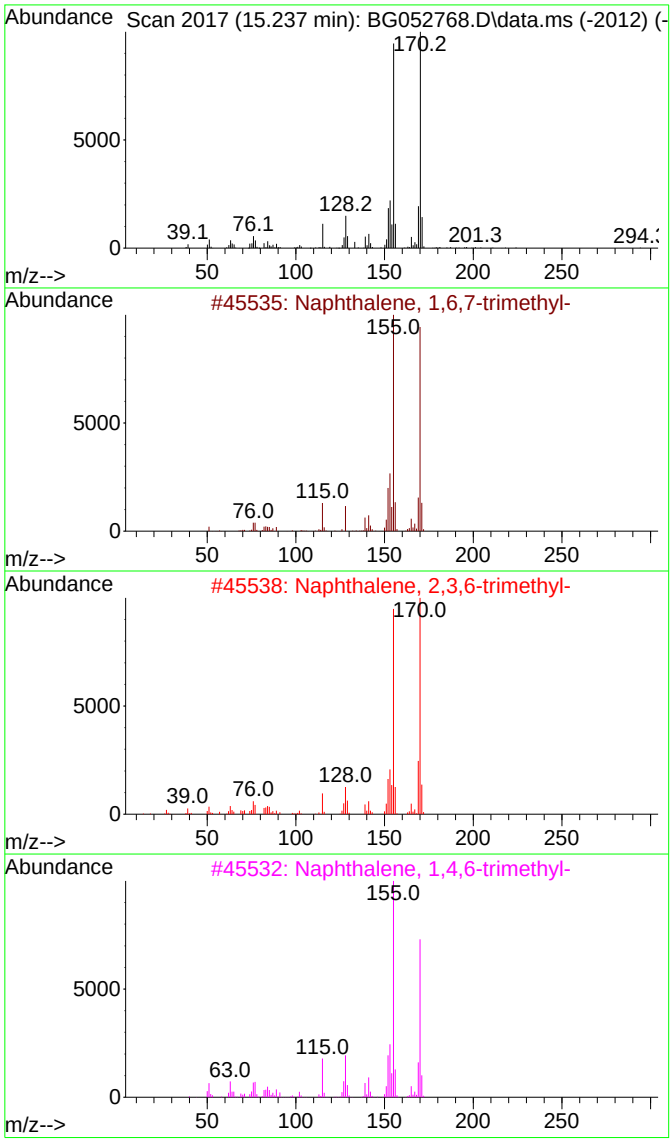
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

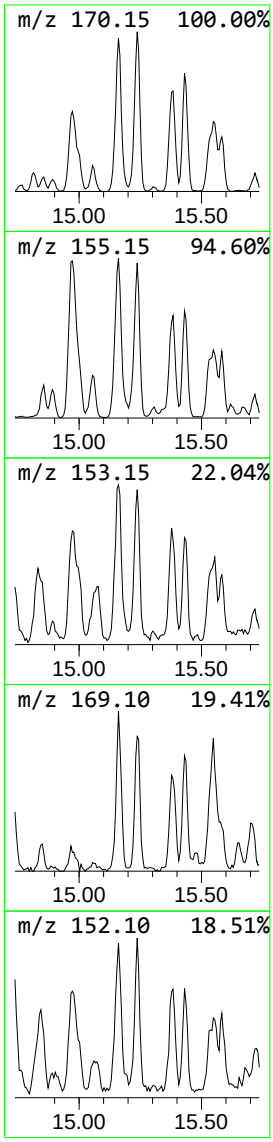
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.237	16.18 ng	485449	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





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Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

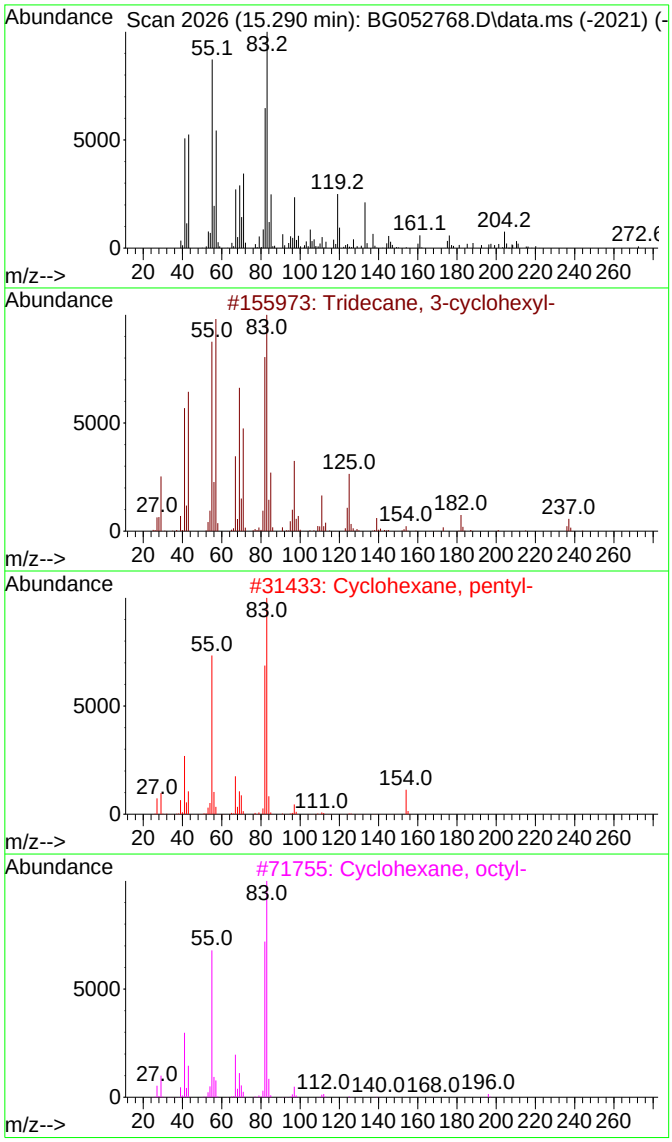
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

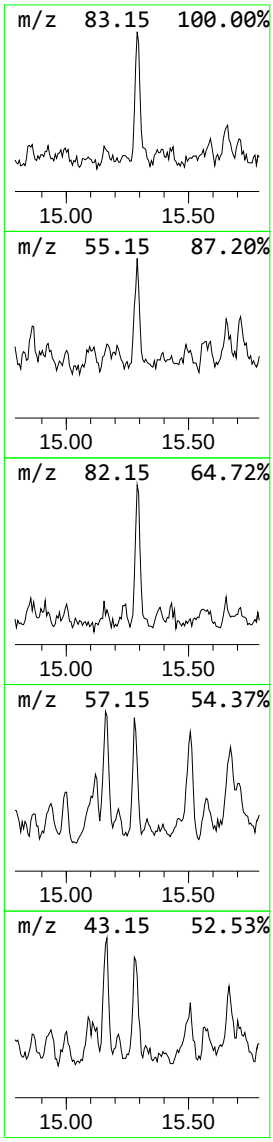
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Tridecane, 3-cyclohexyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.290	14.49 ng	434583	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-cyclohexyl-	266	C19H38	013151-88-7	64
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	46
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	43
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	43





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Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

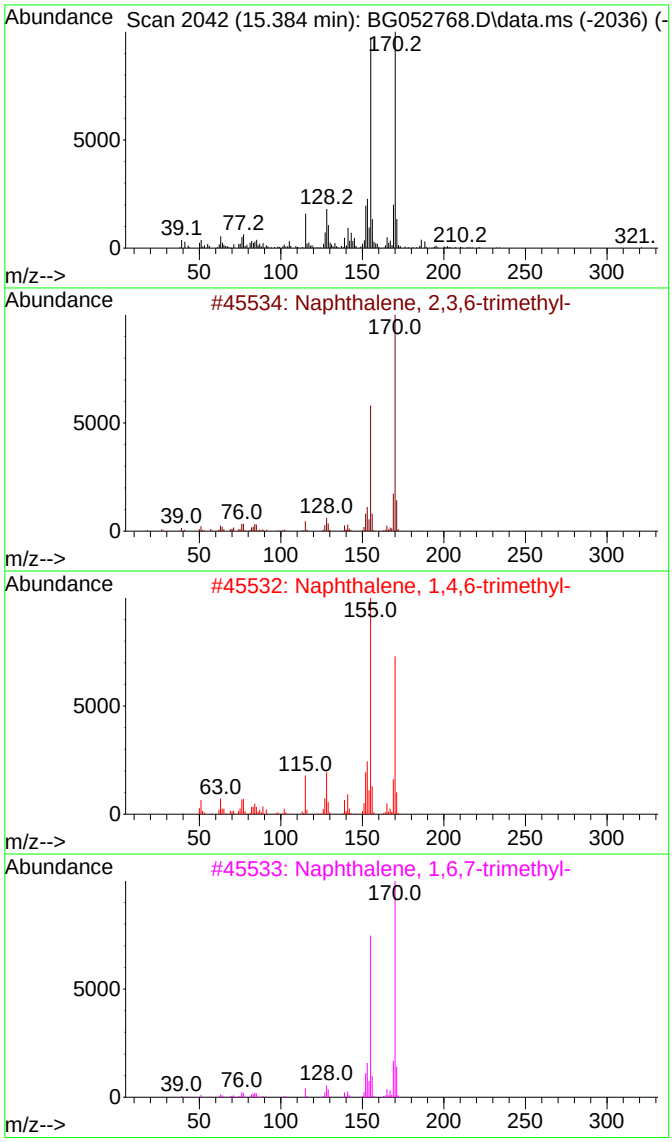
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

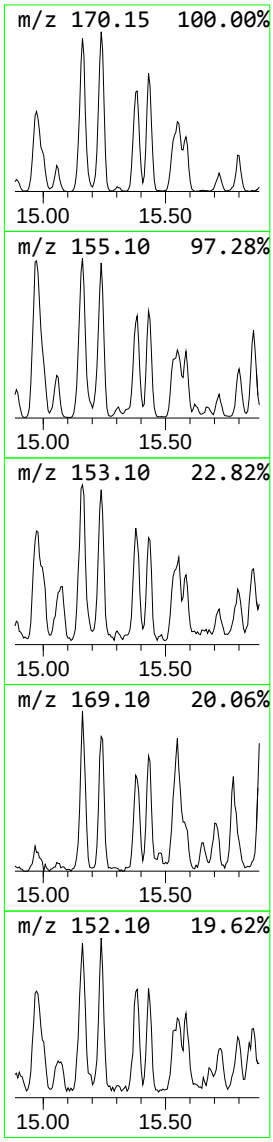
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.384	18.41 ng	552395	Acenaphthene-d10	14.767

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	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PPSP-B15-25.0-25.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

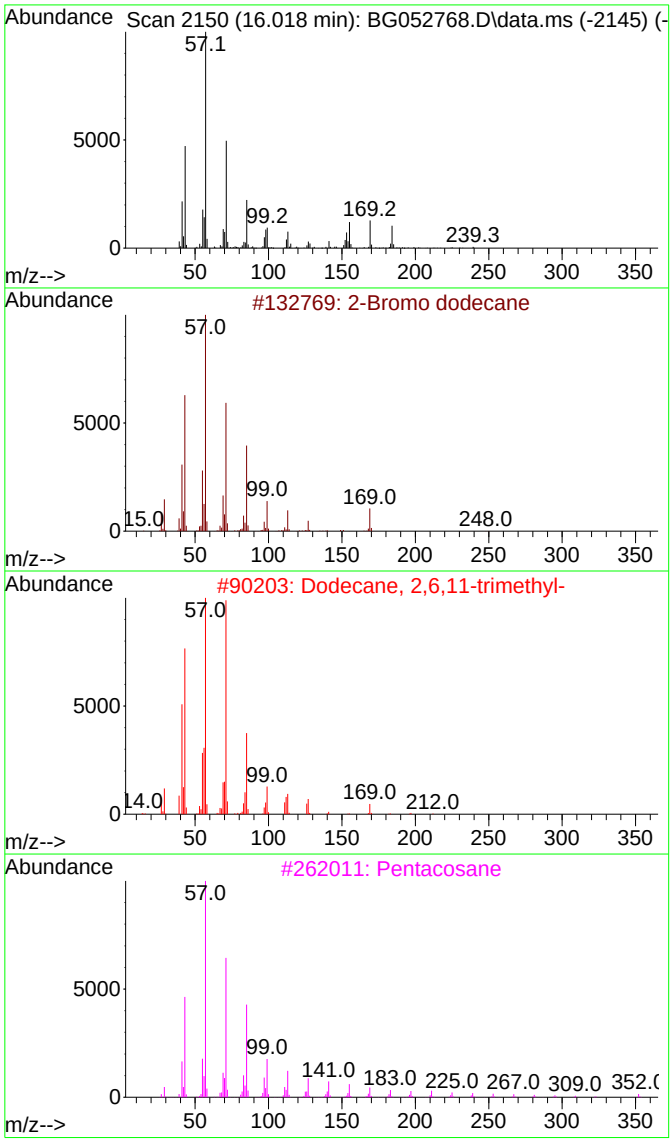
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

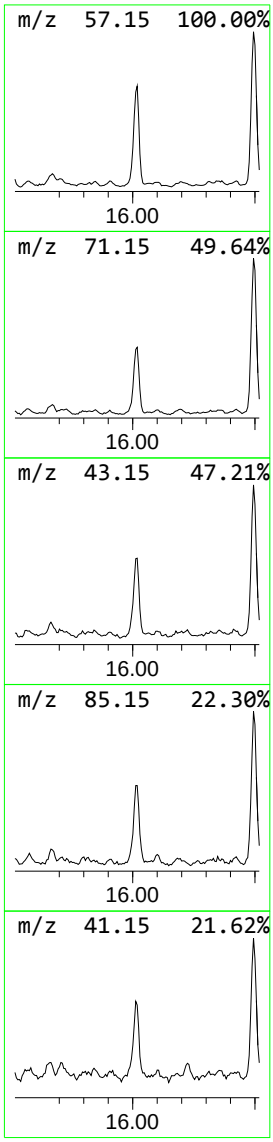
****

Peak Number 17 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.018	28.59 ng	857877	Acenaphthene-d10	14.767

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
3	Pentacosane	352	C25H52	000629-99-2	53
4	Octacosane	394	C28H58	000630-02-4	52
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

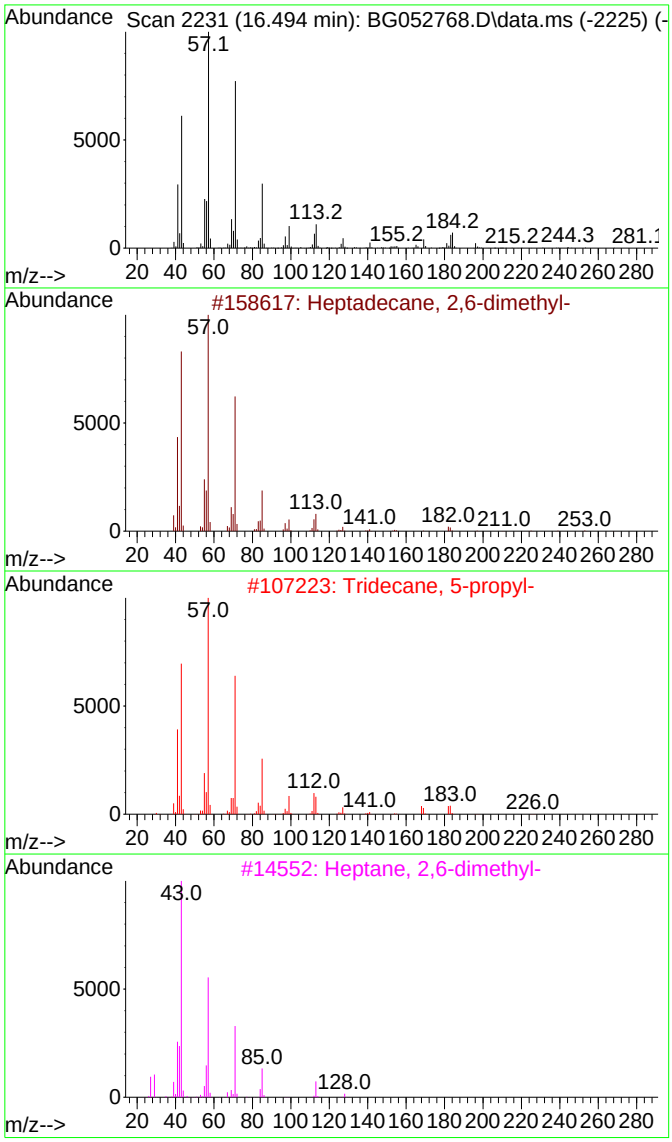
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

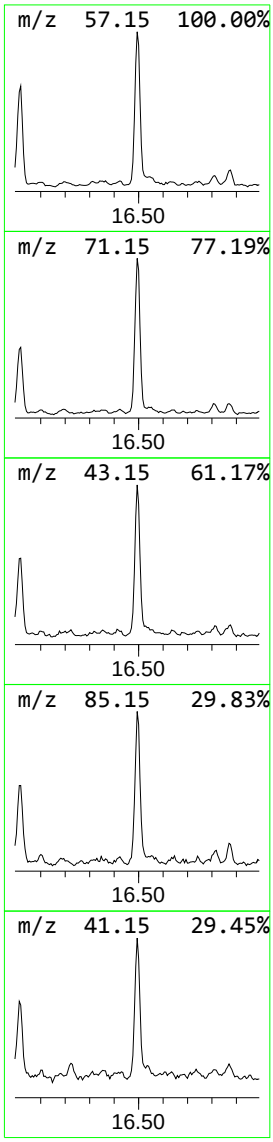
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Heptadecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.494	36.35 ng	1354630	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
4	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	80
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

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

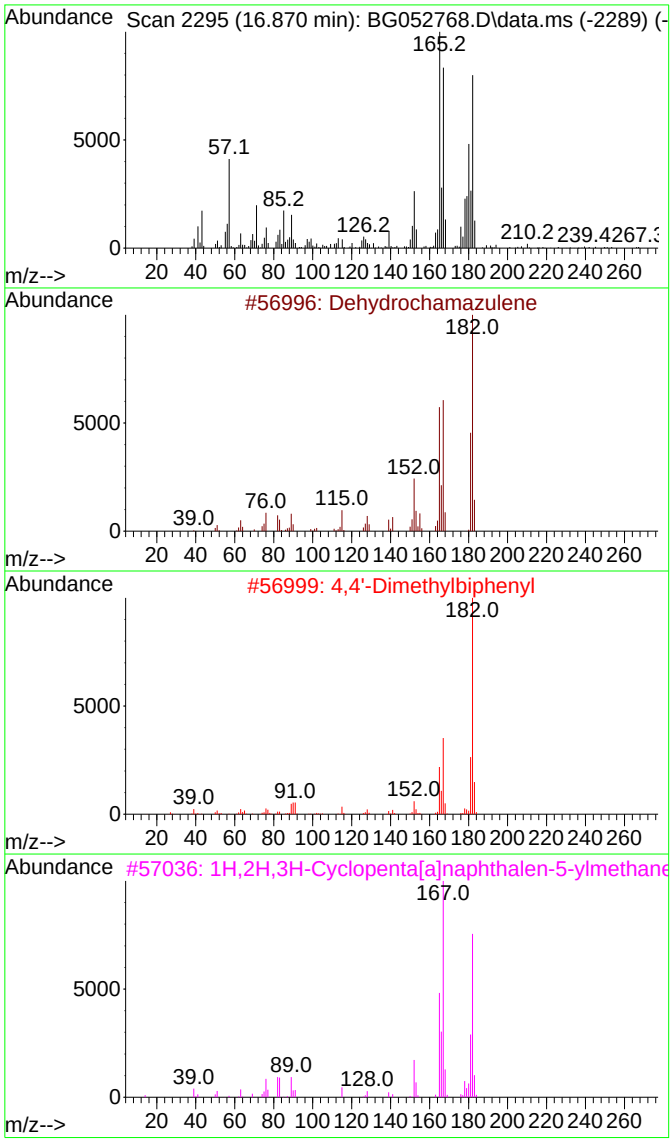
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

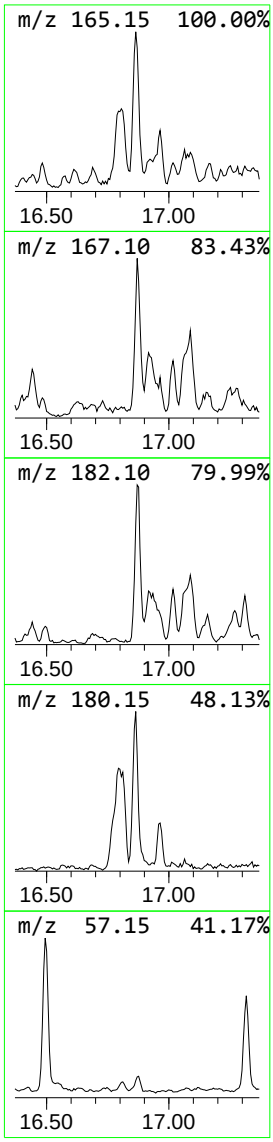
****

Peak Number 19 Dehydrochamazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.870	14.44 ng	538217	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	92
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	86
3	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	70
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
5	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

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

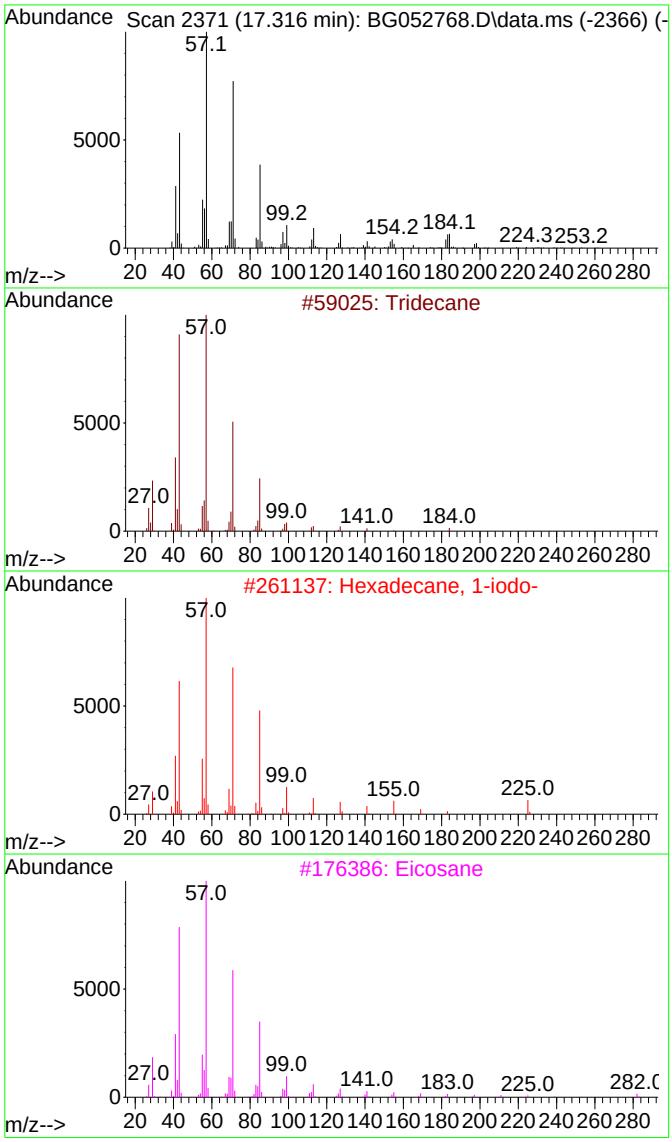
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

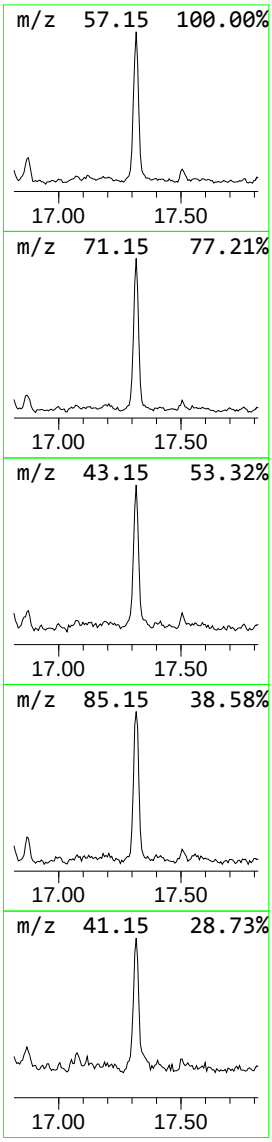
****

Peak Number 20 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.316	29.52 ng	1099950	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052768.D
Acq On : 21 Mar 2022 15:13
Operator : CG/JU
Sample : N1708-09 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

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
Octane, 2,6-dim...	11.982	13.6	ng	558016	2	10.960	819324	20.0
Naphthalene, 1,...	12.147	18.9	ng	772809	2	10.960	819324	20.0
Dodecane, 2,7,1...	13.316	24.3	ng	729980	3	14.767	600019	20.0
Naphthalene, 1,...	13.715	16.7	ng	502207	3	14.767	600019	20.0
Naphthalene, 2-...	13.798	14.2	ng	425908	3	14.767	600019	20.0
Naphthalene, 1,...	13.933	48.1	ng	1444240	3	14.767	600019	20.0
Naphthalene, 1,...	14.091	52.8	ng	1583000	3	14.767	600019	20.0
Naphthalene, 1,...	14.144	28.1	ng	842589	3	14.767	600019	20.0
Tetradecane, 1-...	14.250	19.6	ng	587318	3	14.767	600019	20.0
Naphthalene, 2,...	14.326	25.5	ng	766173	3	14.767	600019	20.0
Naphthalene, 2-...	14.973	26.8	ng	802701	3	14.767	600019	20.0
Naphthalene, 1,...	15.161	25.7	ng	771827	3	14.767	600019	20.0
Naphthalene, 1,...	15.237	16.2	ng	485449	3	14.767	600019	20.0
Tridecane, 3-cy...	15.290	14.5	ng	434583	3	14.767	600019	20.0
Naphthalene, 2,...	15.384	18.4	ng	552395	3	14.767	600019	20.0
2-Bromo dodecane	16.018	28.6	ng	857877	3	14.767	600019	20.0
Heptadecane, 2,...	16.494	36.4	ng	1354630	4	17.510	745246	20.0
Dehydrochamazulene	16.870	14.4	ng	538217	4	17.510	745246	20.0
Tridecane	17.316	29.5	ng	1099950	4	17.510	745246	20.0