LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 105-SB-2(S)

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048852.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.613	380	387	394	rVB2	347722	593761	11.31%	0.394%
2	7.029	618	628	634	rBV	345475	672934	12.82%	0.447%
3	7.205	651	658	660	rBV2	396607	752601	14.33%	0.499%
4	7.675	732	738	741	rVV	469025	787036	14.99%	0.522%
5	8.715	908	915	920	rBV3	787713	1554053	29.60%	1.031%
6	8.826	928	934	943	rBV	322898	608220	11.58%	0.404%
7	9.179	983	994	1000	rBV2	990100	2049983	39.04%	1.360%
8	9.267	1000	1009	1011	rVV2	450185	1034033	19.69%	0.686%
9	9.296	1011	1014	1019	rVB	680050	966039	18.40%	0.641%
10	9.426	1025	1036	1044	rBV7	461903	1426264	27.16%	0.946%
11	9.555	1044	1058	1061	rBV8	243053	901490	17.17%	0.598%
12	9.714	1079	1085	1089	rBV2	576182	923631	17.59%	0.613%
13	9.772	1089	1095	1098	rBV	513002	822288	15.66%	0.546%
14	9.966	1119	1128	1131	rBV2	372877	763605	14.54%	0.507%
15	10.007	1131	1135	1140	rVV3	492624	875062	16.67%	0.581%
16	10.078	1140	1147	1152	rVV4	551394	1374231	26.17%	0.912%
17	10.137	1152	1157	1166	rVB4	774647	1901808	36.22%	1.262%
18	10.225	1166	1172	1177	rBV3	541584	1026081	19.54%	0.681%
19	10.289	1177	1183	1189	rVV3	1264017	2760654	52.58%	1.832%
20	10.354	1190	1194	1199	rVB2	610741	983850	18.74%	0.653%
21	10.407	1199	1203	1207	rBV	409175	666742	12.70%	0.442%
22	10.472	1207	1214	1218	rVV5	312869	686577	13.08%	0.456%
23	10.530	1218	1224	1229	rVB	865073	1529002	29.12%	1.015%
24	10.589	1229	1234	1242	rVB	465837	915071	17.43%	0.607%
25	10.806	1264	1271	1274	rVV7	334763	906917	17.27%	0.602%
26	10.865	1274	1281	1288	rVV3	1104249	3172964	60.43%	2.105%
27	10.953	1288	1296	1301	rVV5	1020510	2462576	46.90%	1.634%
28	11.012	1301	1306	1309	rVV	630526	1190638	22.68%	0.790%
29	11.047	1309	1312	1317	rVB	1006011	1438419	27.39%	0.954%
30	11.112	1317	1323	1329	rBV2	527072	921957	17.56%	0.612%
31	11.271	1341	1350	1353	rBV8	271984	637322	12.14%	0.423%
32	11.370	1362	1367	1375	rVB2	1083260	2202616	41.95%	1.462%
33	11.482	1381	1386	1394	rBV3	446738	1071843	20.41%	0.711%
34	11.559	1394	1399	1402	rBV2	598306	1026904	19.56%	0.681%
35	11.600	1402	1406	1413	rVB5	672941	1481683	28.22%	0.983%
36	11.658	1413	1416	1423	rVB4	333326	788597	15.02%	0.523%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 105-SB-2(S)

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.729	1423	1428	1435	rBV4	696962	1296735	24.70%	0.860%
38	11.817	1436	1443	1449	rBV3	1120943	2245757	42.77%	1.490%
39	11.917	1455	1460	1464	rBV2	1061039	1642923	31.29%	1.090%
40	12.011	1471	1476	1481	rVB	623042	1107674	21.10%	0.735%
41	12.099	1483	1491	1497	rBV2	2535493	4469688	85.12%	2.966%
42	12.311	1518	1527	1532	rBV4	845793	2166331	41.26%	1.437%
43	12.452	1546	1551	1556	rVB2	1107841	1892465	36.04%	1.256%
44	12.528	1560	1564	1567	rVV3	468021	690562	13.15%	0.458%
45	12.575	1567	1572	1578	rVB	2039604	3466246	66.01%	2.300%
46	12.657	1580	1586	1591	rBV5	237497	575679	10.96%	0.382%
47	12.786	1599	1608	1610	rBV	1363698	2652580	50.52%	1.760%
48	12.816	1610	1613	1617	rVB2	1666368	2320868	44.20%	1.540%
49	12.939	1629	1634	1638	rVV5	444634	784853	14.95%	0.521%
50	12.998	1639	1644	1648	rVV5	460008	1002515	19.09%	0.665%
51	13.069	1649	1656	1661	rVV6	509394	1510279	28.76%	1.002%
52	13.116	1661	1664	1669	rVB2	652223	918391	17.49%	0.609%
53	13.262	1685	1689	1696	rVV2	1366938	2643364	50.34%	1.754%
54	13.544	1728	1737	1745	rVB6	715083	2012233	38.32%	1.335%
55	13.638	1750	1753	1755	rVV	356439	550945	10.49%	0.366%
56	13.680	1755	1760	1764	rVV	1226776	2161610	41.17%	1.434%
57	13.727	1764	1768	1771	rVV5	454910	795027	15.14%	0.528%
58	13.768	1771	1775	1782	rVB2	591130	1307913	24.91%	0.868%
59	13.897	1788	1797	1799	rBV2	1471316	2693007	51.29%	1.787%
60	14.067	1813	1826	1830	rBV2	2137173	5250838	100.00%	3.484%
61	14.114	1830	1834	1839	rVV2	1852293	3185992	60.68%	2.114%
62	14.161	1839	1842	1845	rVV3	738757	1253285	23.87%	0.832%
63	14.202	1845	1849	1853	rVV2	2020816	2989507	56.93%	1.984%
64	14.244	1853	1856	1861	rVV	972220	1518567	28.92%	1.008%
65	14.308	1861	1867	1874	rVB4	1145823	2868865	54.64%	1.904%
66	14.461	1889	1893	1897	rBV	497990	814849	15.52%	0.541%
67	14.567	1907	1911	1916	rBV5	331856	535323	10.20%	0.355%
68	14.620	1916	1920	1927	rVB4	683226	1191138	22.68%	0.790%
69	14.702	1928	1934	1937	rBV3	971146	1841539	35.07%	1.222%
70	14.949	1970	1976	1983	rVB	1135516	2497018	47.55%	1.657%
71	15.060	1992	1995	1997	rVV4	339669	526504	10.03%	0.349%
72	15.131	2001	2007	2017	rVV2	1345852	3464235	65.97%	2.299%
73	15.213	2017	2021	2039	rVB4	1349159	4133646	78.72%	2.743%
74	15.354	2040	2045	2050	rBV	995614	2112795	40.24%	1.402%
75	15.407	2051	2054	2058	rVB	808467	1093279	20.82%	0.725%
76	15.524	2072	2074	2077	rVV2	571030	801855	15.27%	0.532%

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Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 105-SB-2(S)

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.560	2077	2080	2086	rVB3	747472	1246695	23.74%	0.827%
78	15.777	2110	2117	2120	rBV3	678253	1338927	25.50%	0.888%
79	15.830	2121	2126	2130	rVB3	326712	786751	14.98%	0.522%
80	15.977	2143	2151	2160	rVB2	1544842	4200795	80.00%	2.787%
81	16.065	2161	2166	2170	rBV6	485504	860048	16.38%	0.571%
82	16.188	2184	2187	2191	rVB3	580043	766776	14.60%	0.509%
83	16.230	2191	2194	2200	rBV3	475100	720600	13.72%	0.478%
84	16.459	2225	2233	2245	rVB	2896033	5227897	99.56%	3.469%
85	16.770	2283	2286	2293	rVV6	397952	693693	13.21%	0.460%
86	16.846	2294	2299	2304	rVB4	711569	1259107	23.98%	0.835%
87	17.005	2321	2326	2329	rBV4	391831	664996	12.66%	0.441%
88	17.046	2329	2333	2336	rBV4	427297	661142	12.59%	0.439%
89	17.281	2368	2373	2377	rBV	1469400	2064686	39.32%	1.370%
90	17.540	2412	2417	2421	rBV	637330	1025103	19.52%	0.680%
91	17.763	2452	2455	2462	rVB5	268627	549120	10.46%	0.364%
92	17.892	2472	2477	2481	rBV4	573252	966534	18.41%	0.641%
93	18.368	2554	2558	2562	rBV	606578	942631	17.95%	0.625%
94	18.421	2563	2567	2572	rVB	802322	1267370	24.14%	0.841%
95	18.562	2586	2591	2595	rVV4	424349	783938	14.93%	0.520%
96	18.603	2595	2598	2603	rVB2	408559	607275	11.57%	0.403%
97	19.108	2681	2684	2689	rVB2	427410	565045	10.76%	0.375%
98	19.285	2709	2714	2718	rBV	643176	919603	17.51%	0.610%
99	19.913	2817	2821	2827	rVB2	417751	676334	12.88%	0.449%
100	20.096	2848	2852	2856	rVB	832055	1045244	19.91%	0.694%

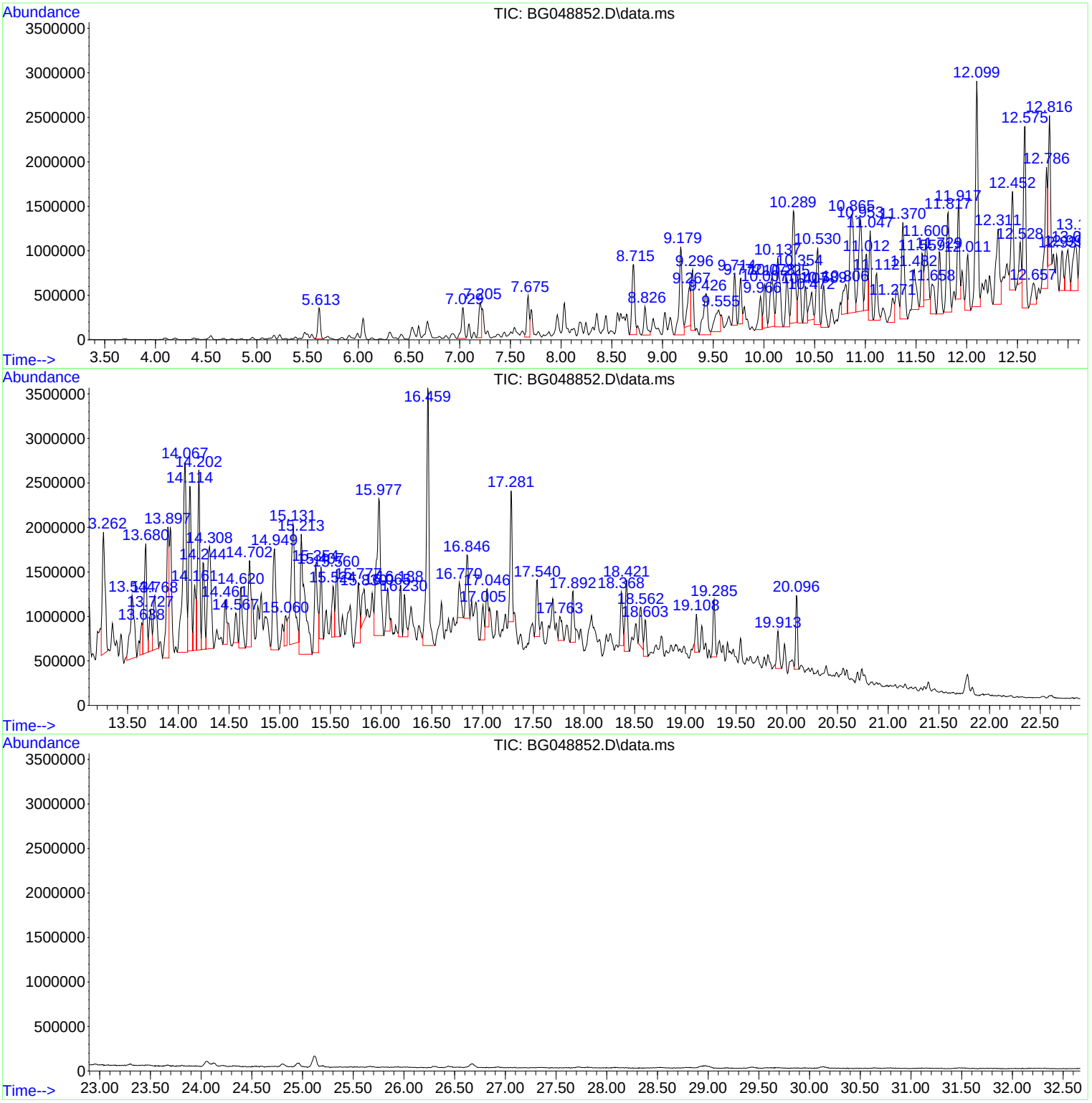
Sum of corrected areas: 150704642

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

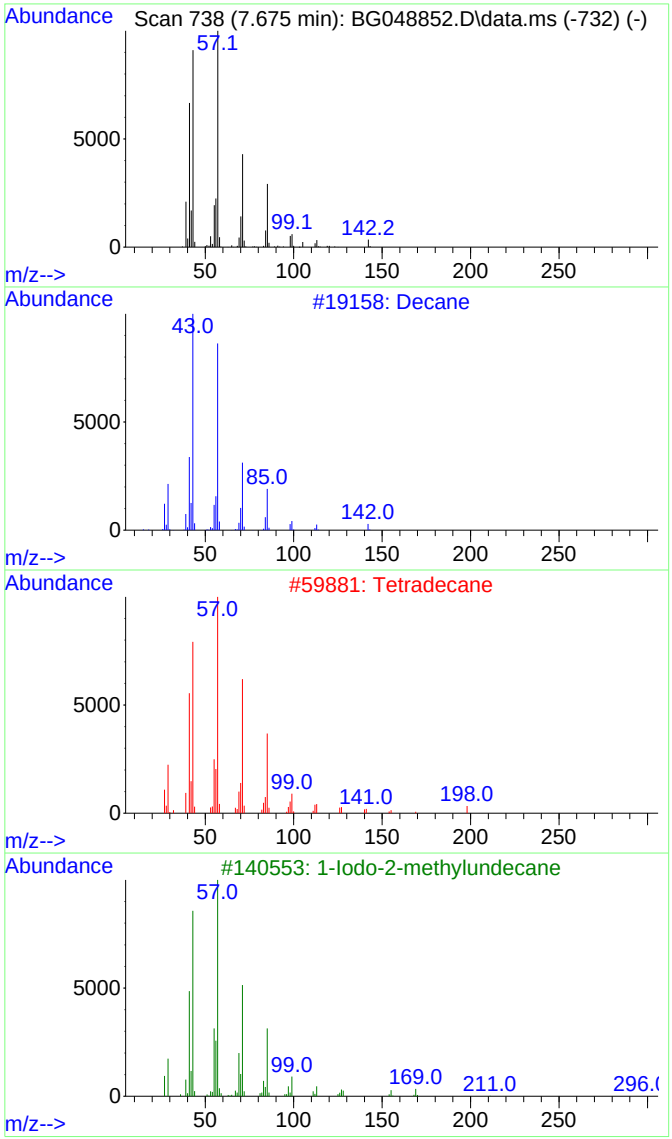
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

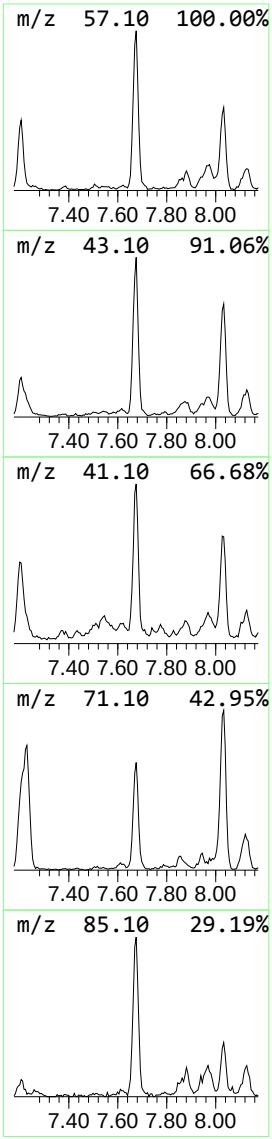
****

Peak Number 1 Decane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	20.00 ng	787036	1,4-Dichlorobenzene-d4	8.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Tetradecane	198	C14H30	000629-59-4	83
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
4	Hexadecane	226	C16H34	000544-76-3	72
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

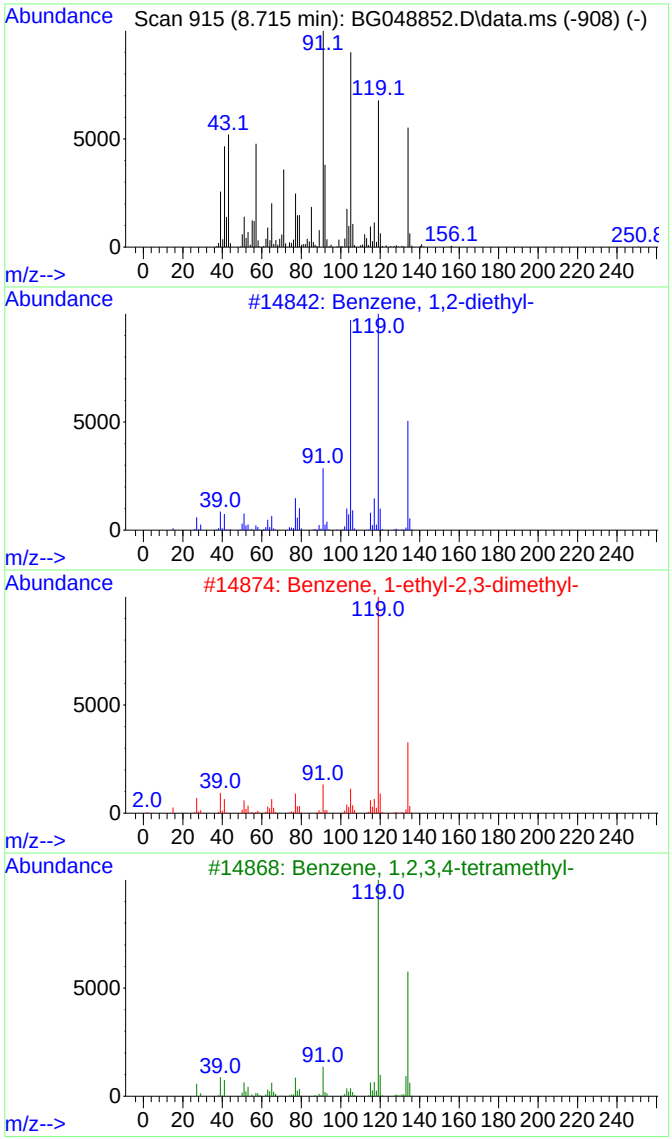
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

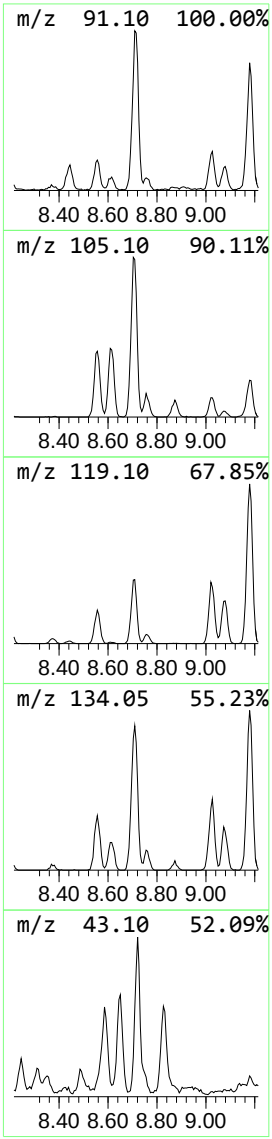
****

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.715	39.49 ng	1554050	1,4-Dichlorobenzene-d4	8.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

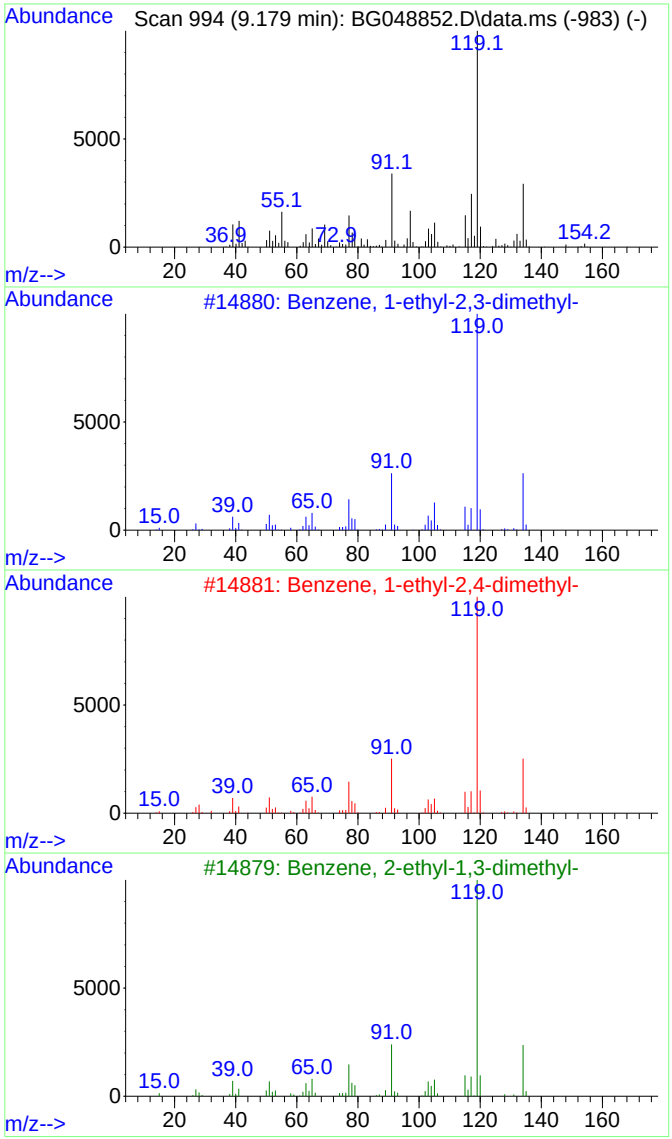
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

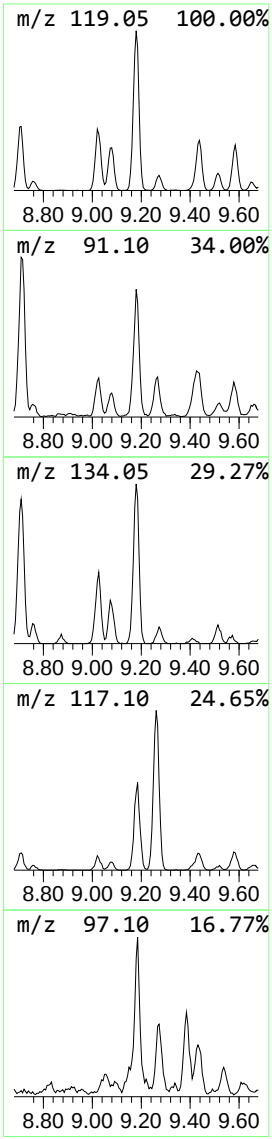
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.179	52.09 ng	2049980	1,4-Dichlorobenzene-d4	8.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	o-Cymene	134	C10H14	000527-84-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

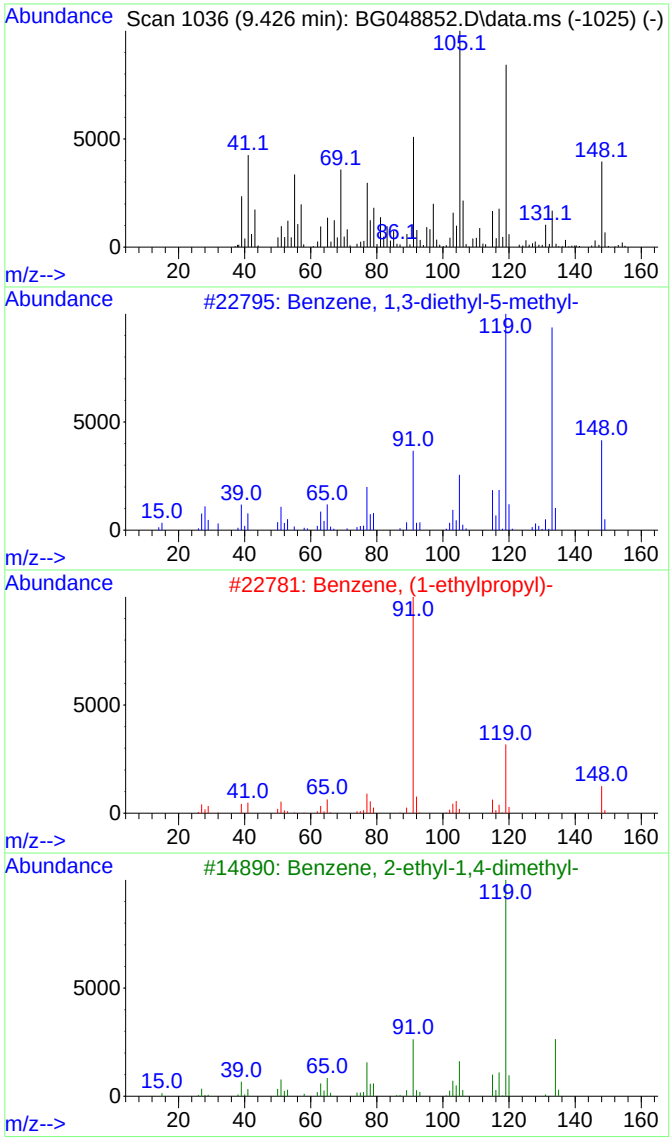
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

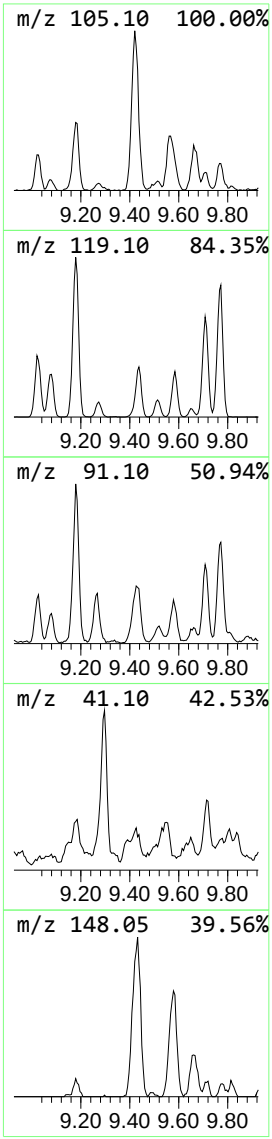
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.426	36.24 ng	1426260	1,4-Dichlorobenzene-d4	8.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	58
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	49
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	43
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

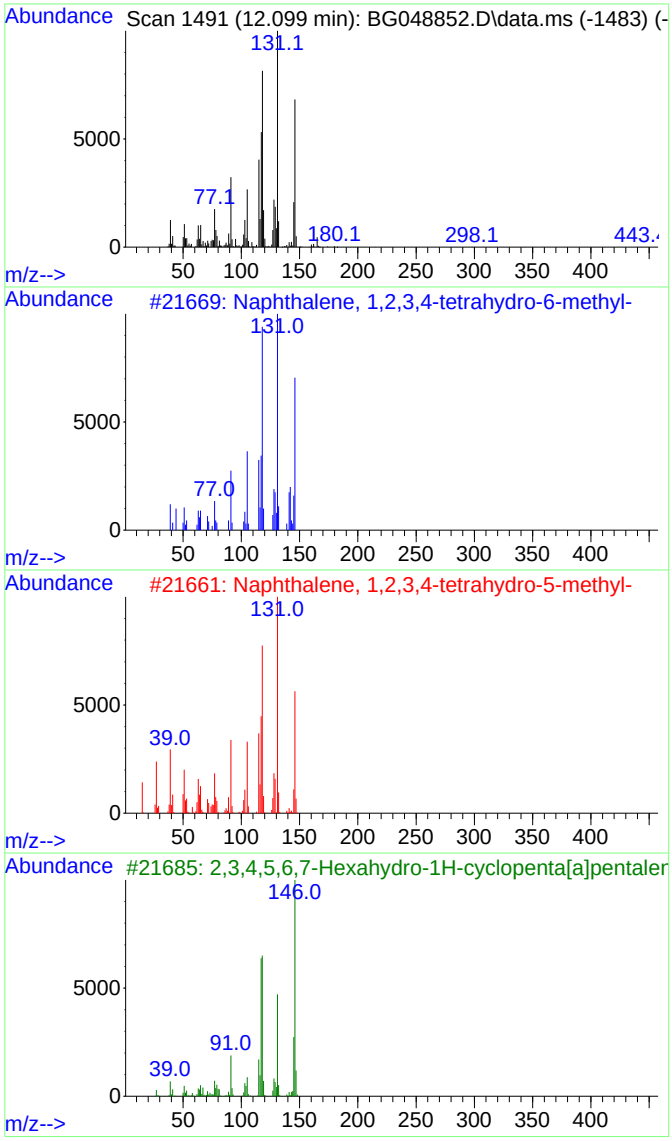
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

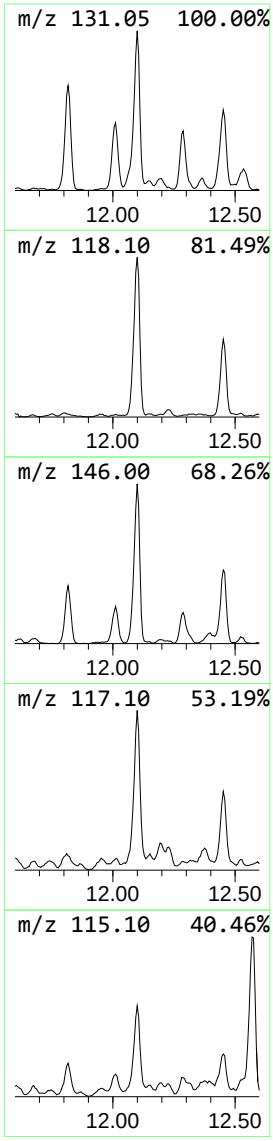
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.099	28.17 ng	4469690	Naphthalene-d8	10.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	87
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58





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Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

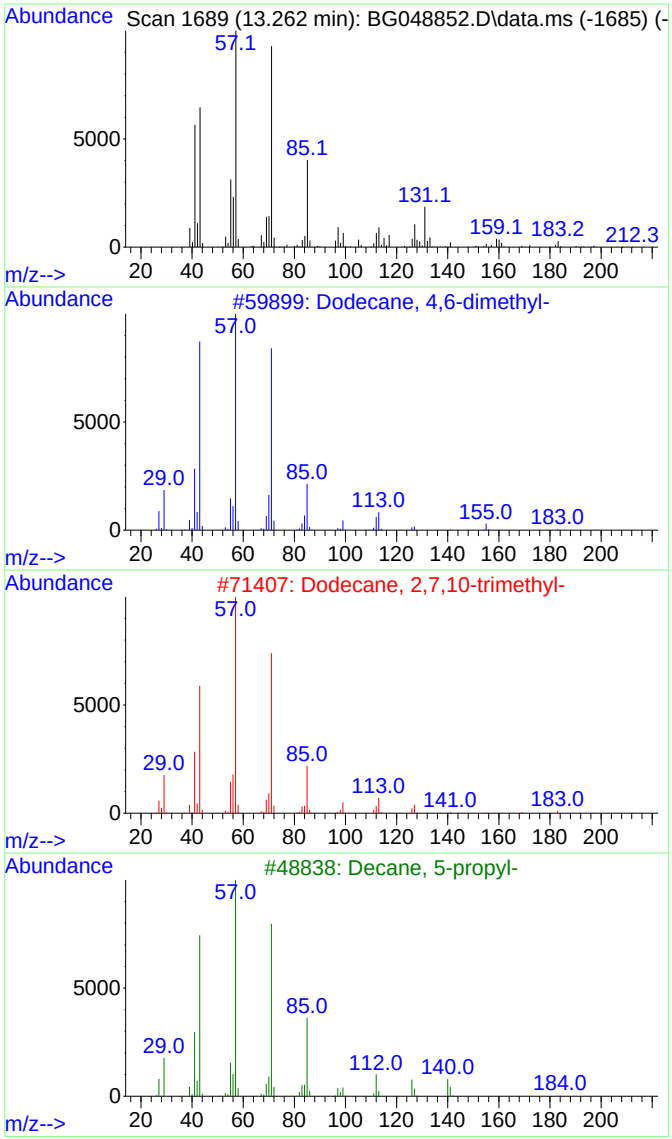
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

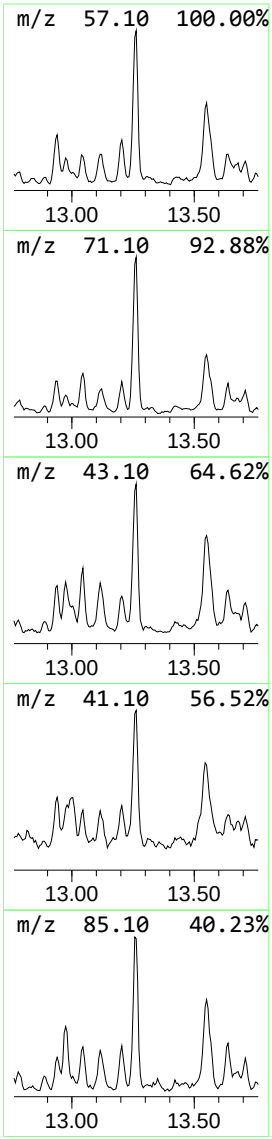
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dodecane, 4,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.262	28.71 ng	2643360	Acenaphthene-d10	14.737

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	60
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
3	Decane, 5-propyl-	184	C13H28	017312-62-8	58
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	53
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49





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Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

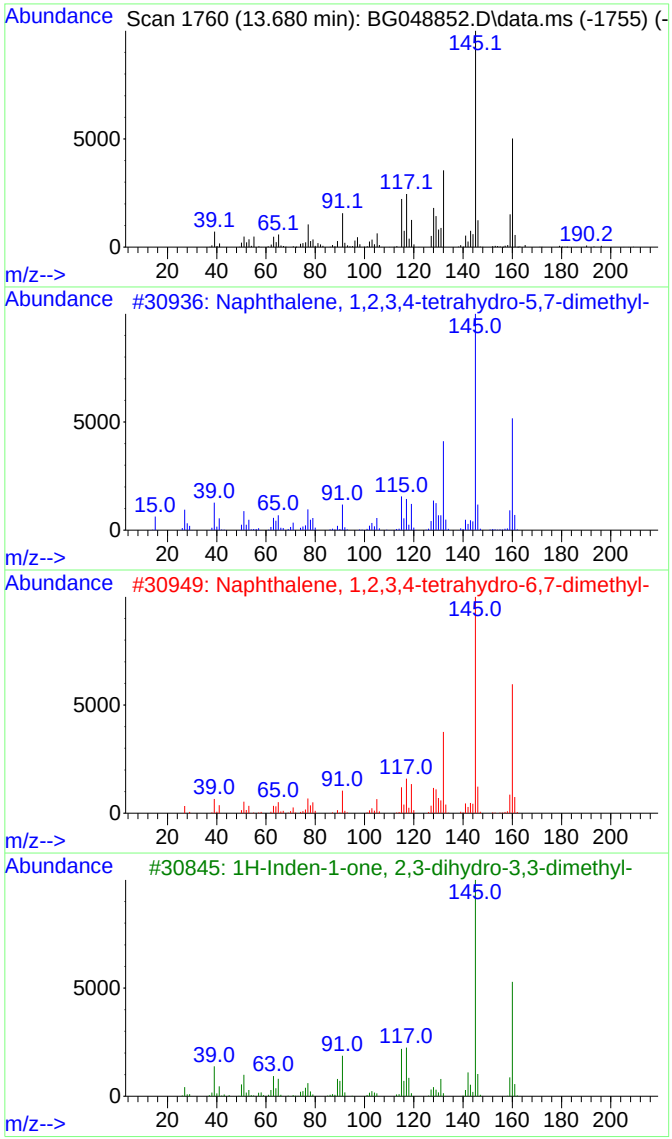
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

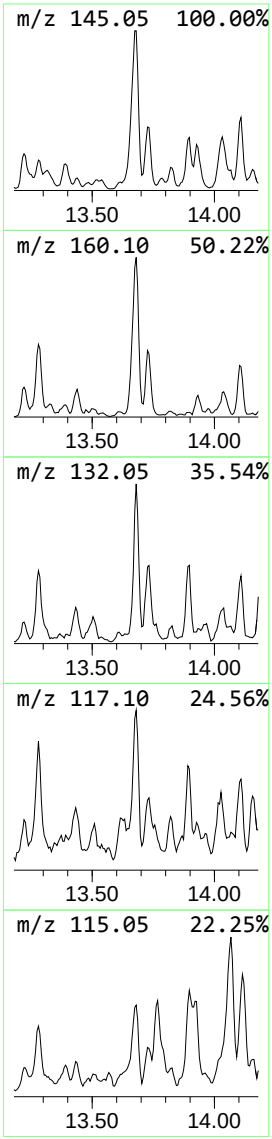
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.680	23.48 ng	2161610	Acenaphthene-d10	14.737

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	90
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	89
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87





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Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

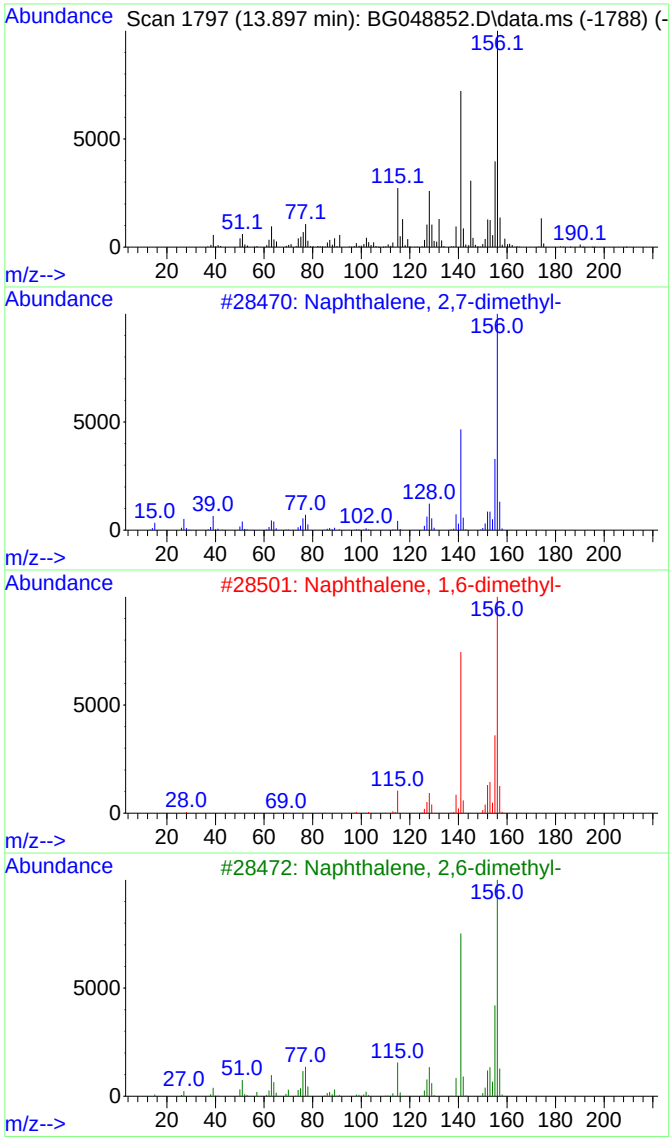
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

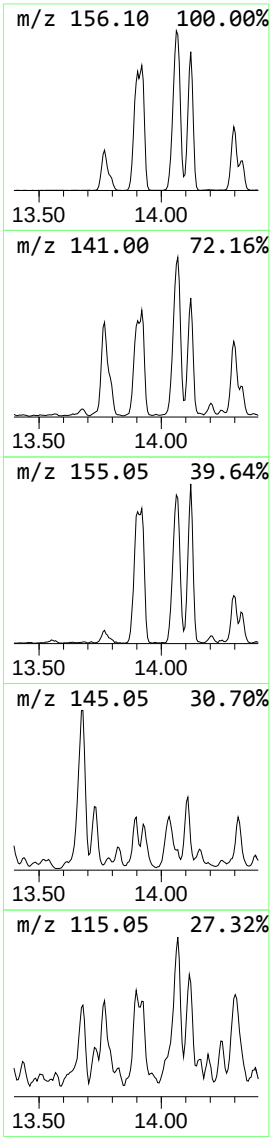
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.897	29.25 ng	2693010	Acenaphthene-d10	14.737

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

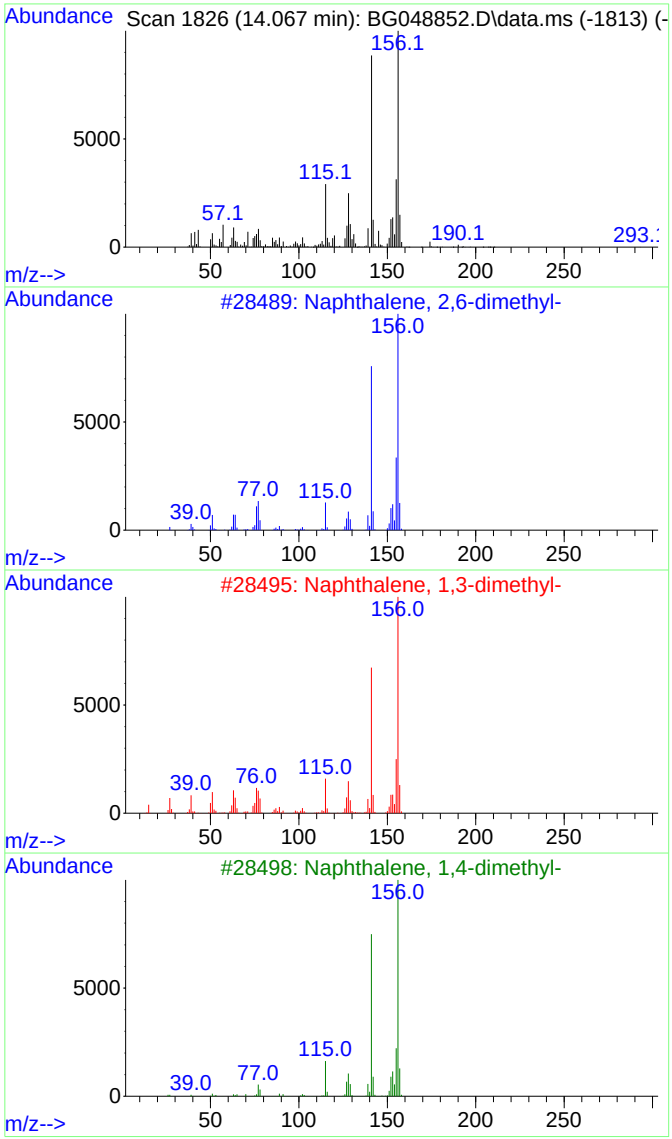
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

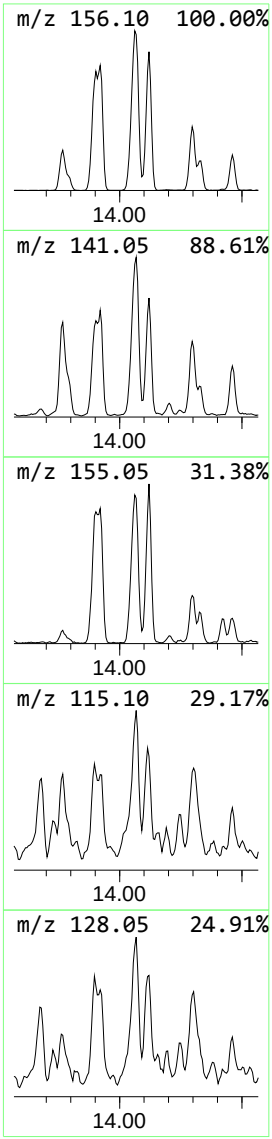
****

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.067	57.03 ng	5250840	Acenaphthene-d10	14.737

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
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Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

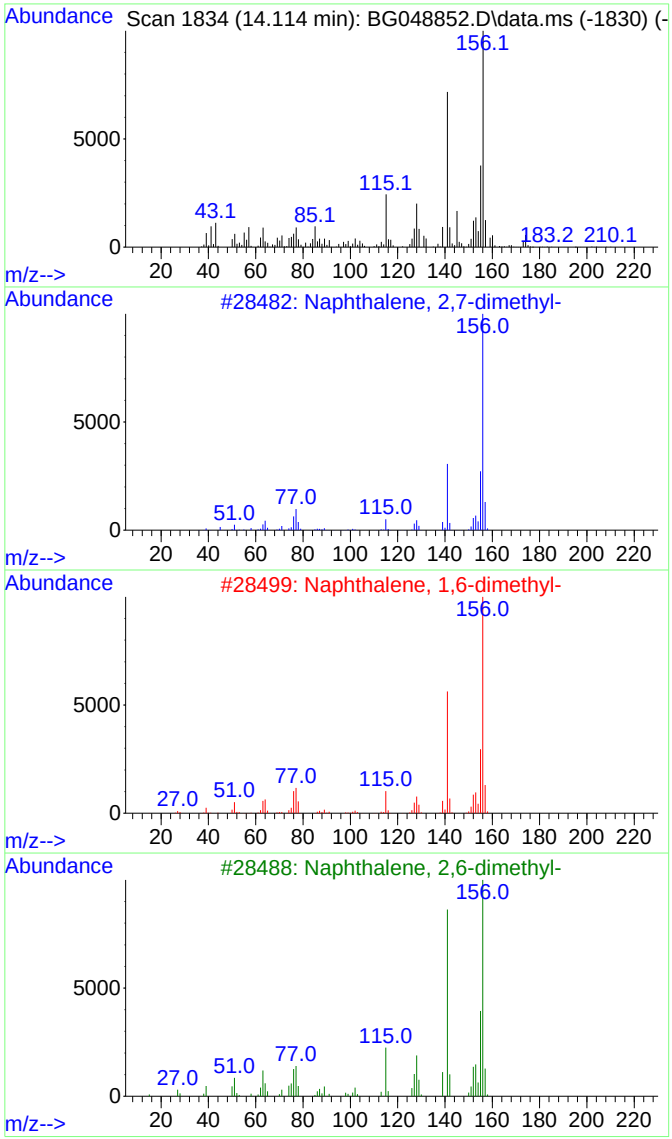
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

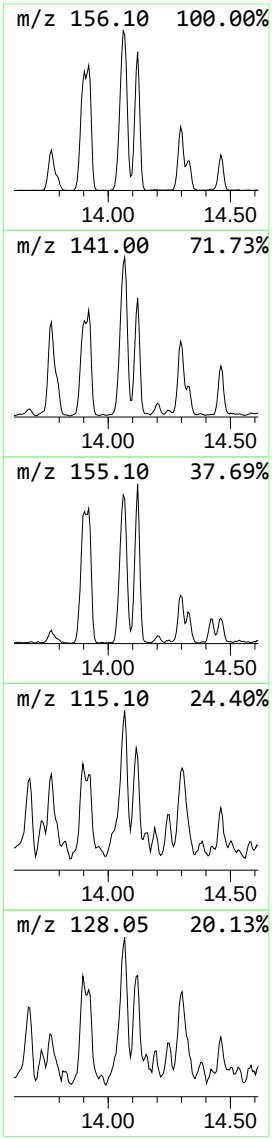
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.114	34.60 ng	3185990	Acenaphthene-d10	14.737

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

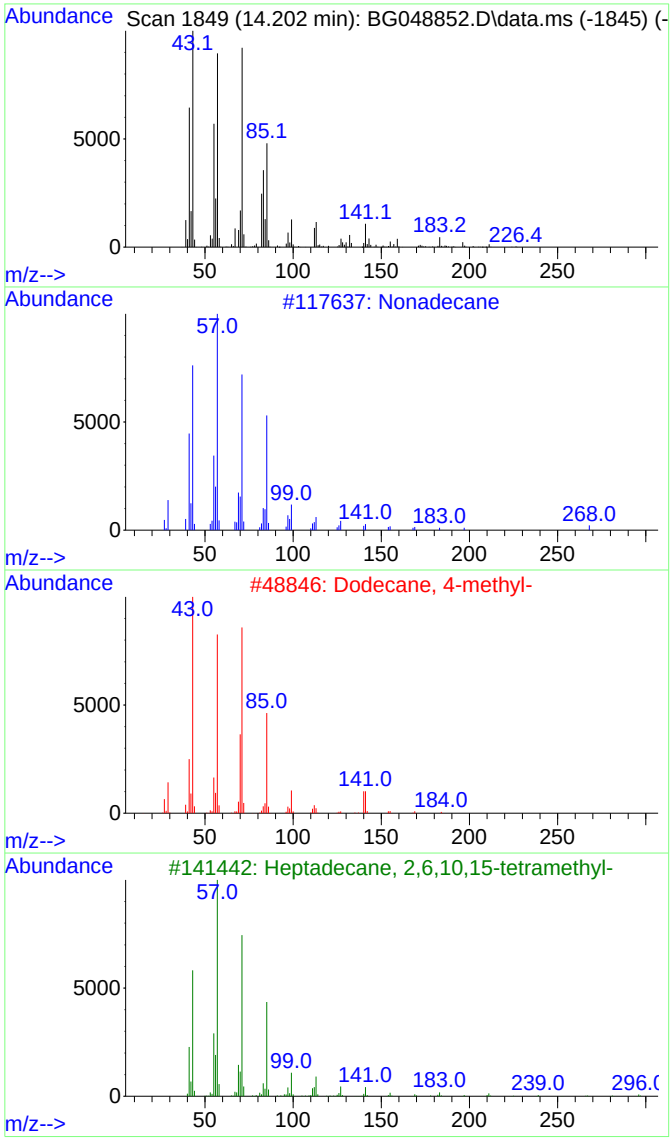
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

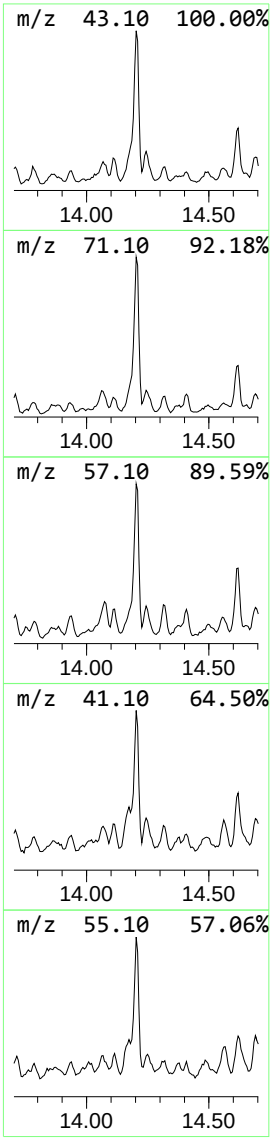
****

Peak Number 11 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.203	32.47 ng	2989510	Acenaphthene-d10	14.737

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	72
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	52
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

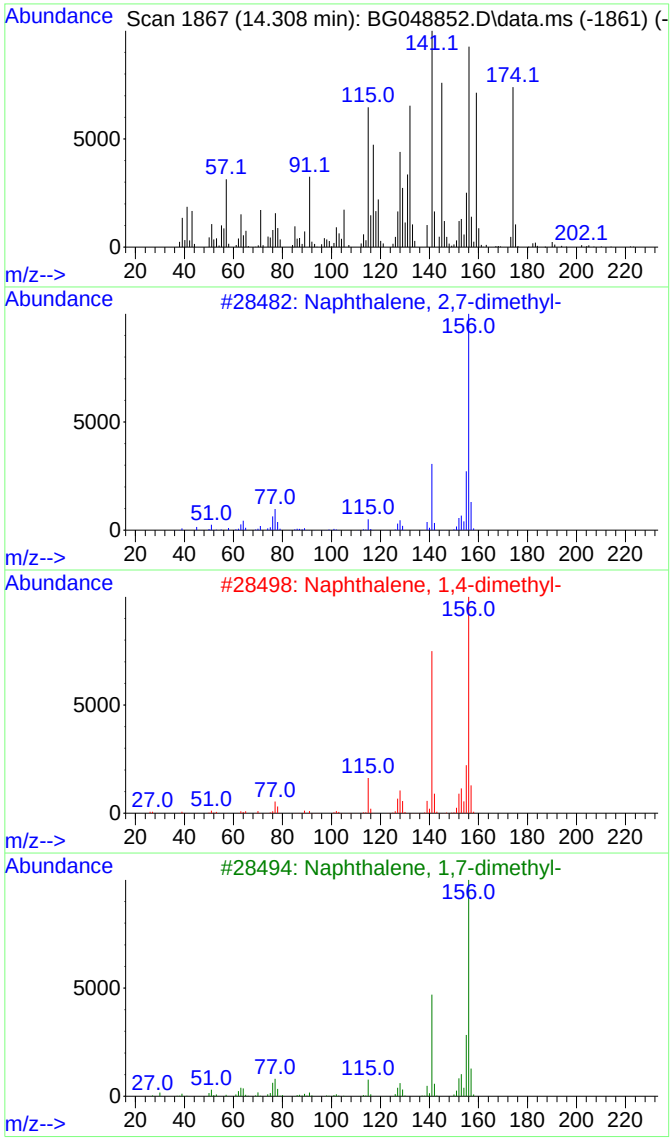
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

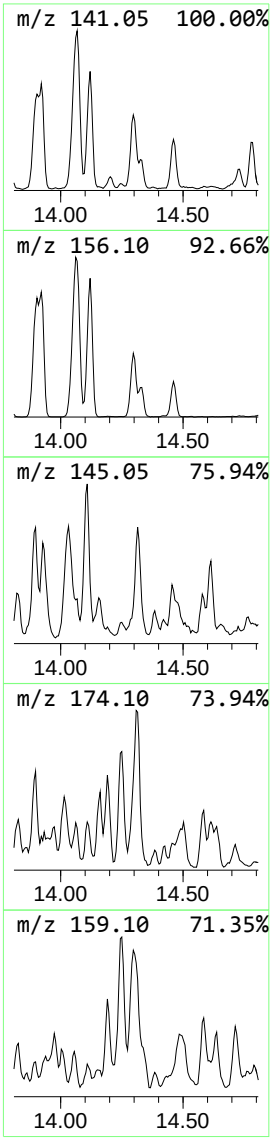
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.308	31.16 ng	2868870	Acenaphthene-d10	14.737

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	74
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	47
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	47
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	46
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	43





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Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

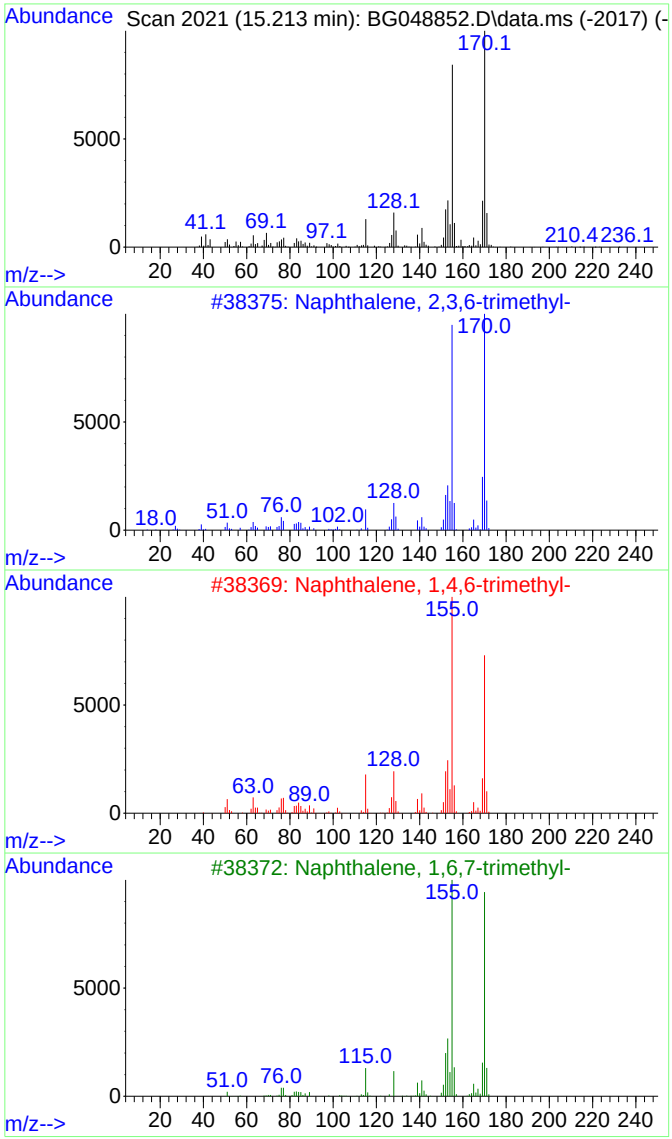
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

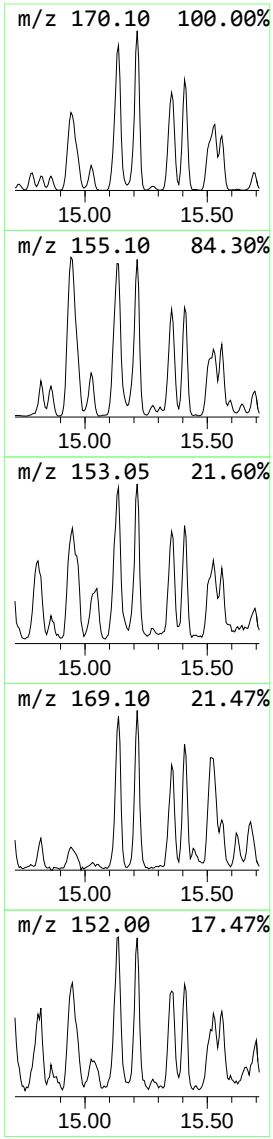
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.213	44.89 ng	4133650	Acenaphthene-d10	14.737

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	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	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

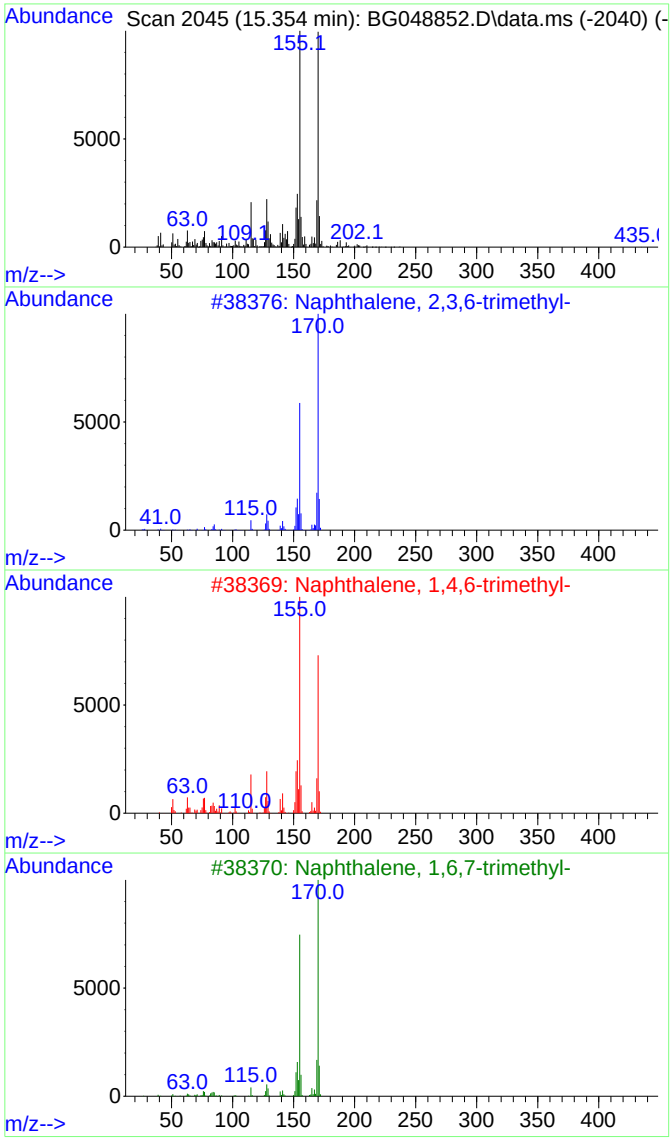
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

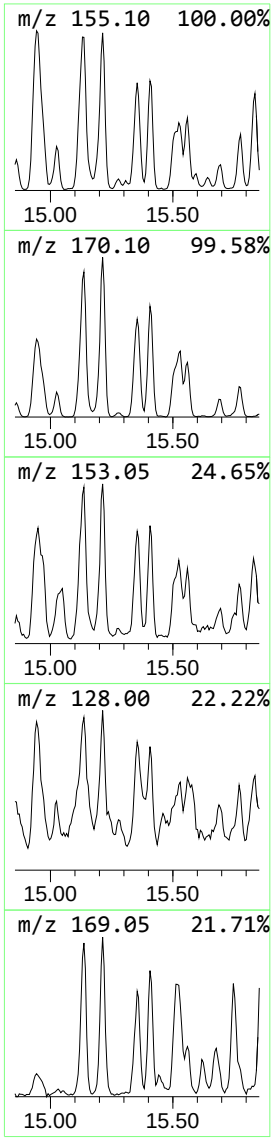
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.354	22.95 ng	2112800	Acenaphthene-d10	14.737

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	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
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Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

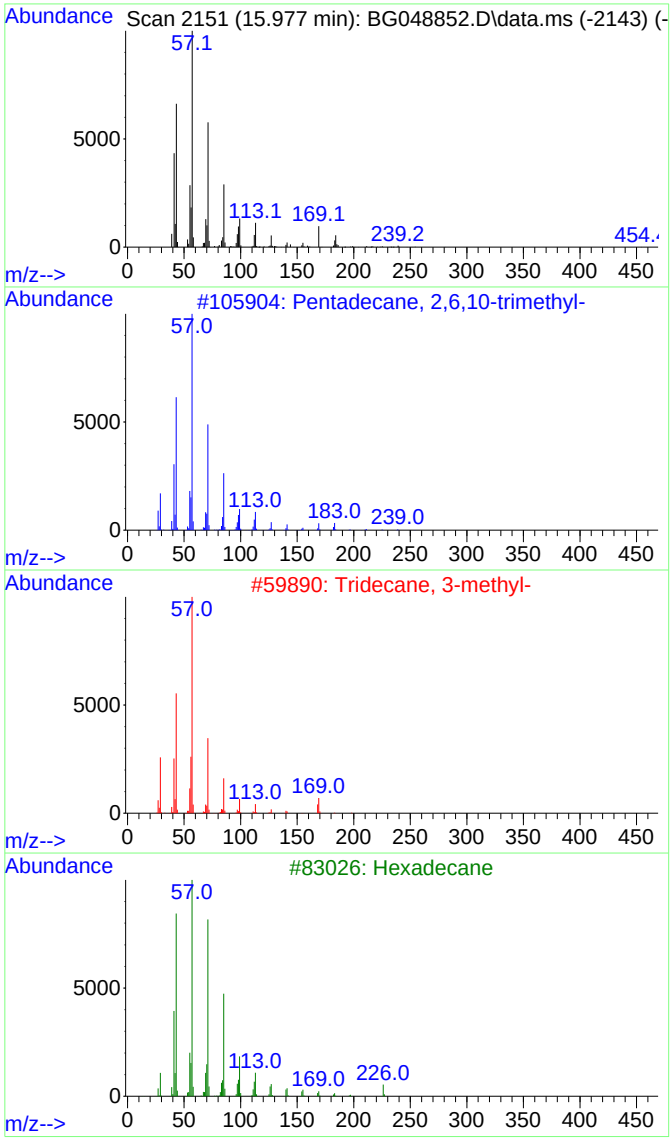
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

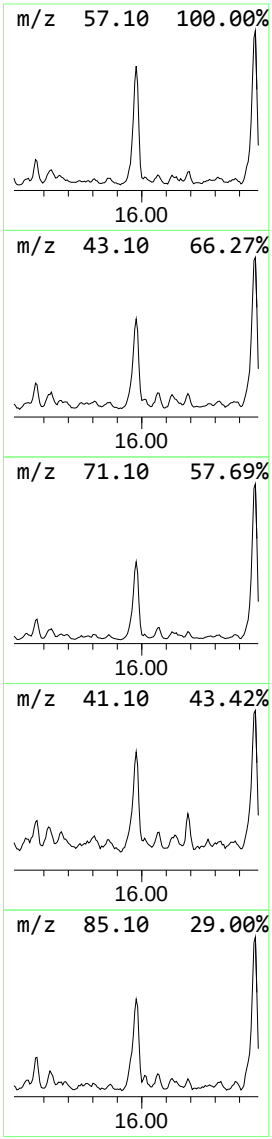
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.977	45.62 ng	4200800	Acenaphthene-d10	14.737

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tridecane	184	C13H28	000629-50-5	70
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
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Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

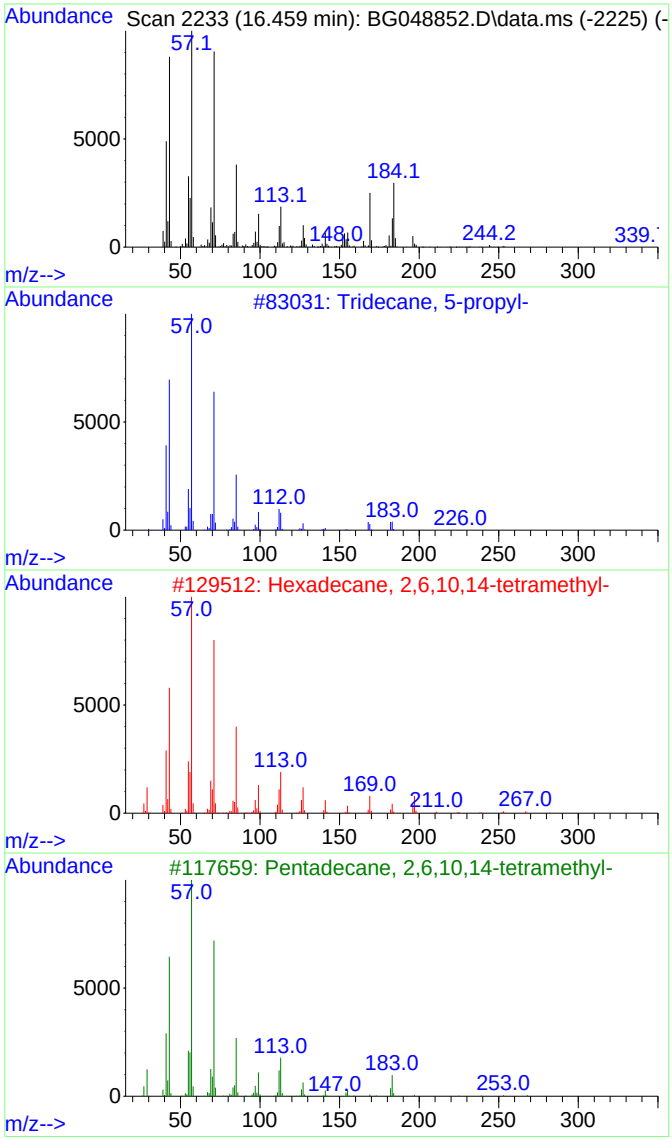
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

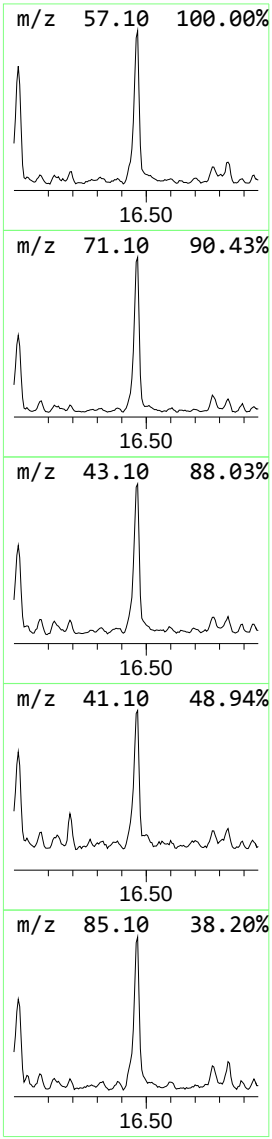
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.459	102.00 ng	5227900	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	89
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	70
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

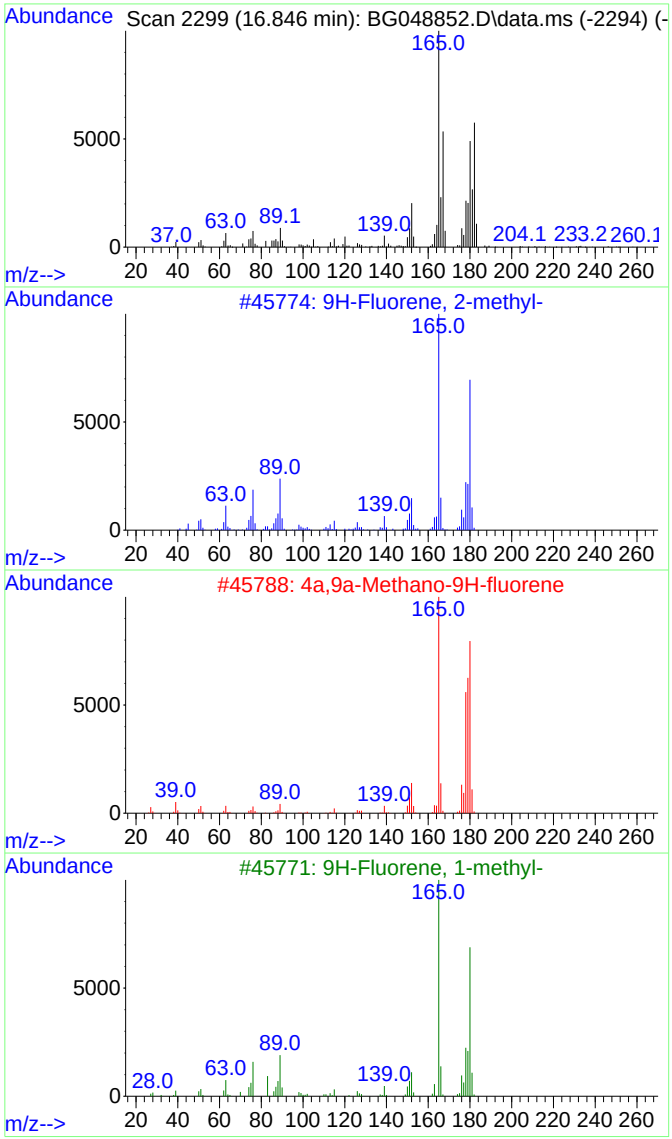
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

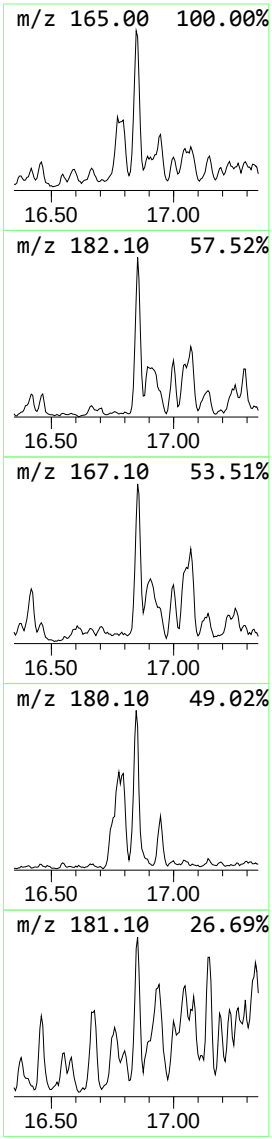
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.846	24.57 ng	1259110	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	55
2	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	50
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	45
4	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	43
5	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

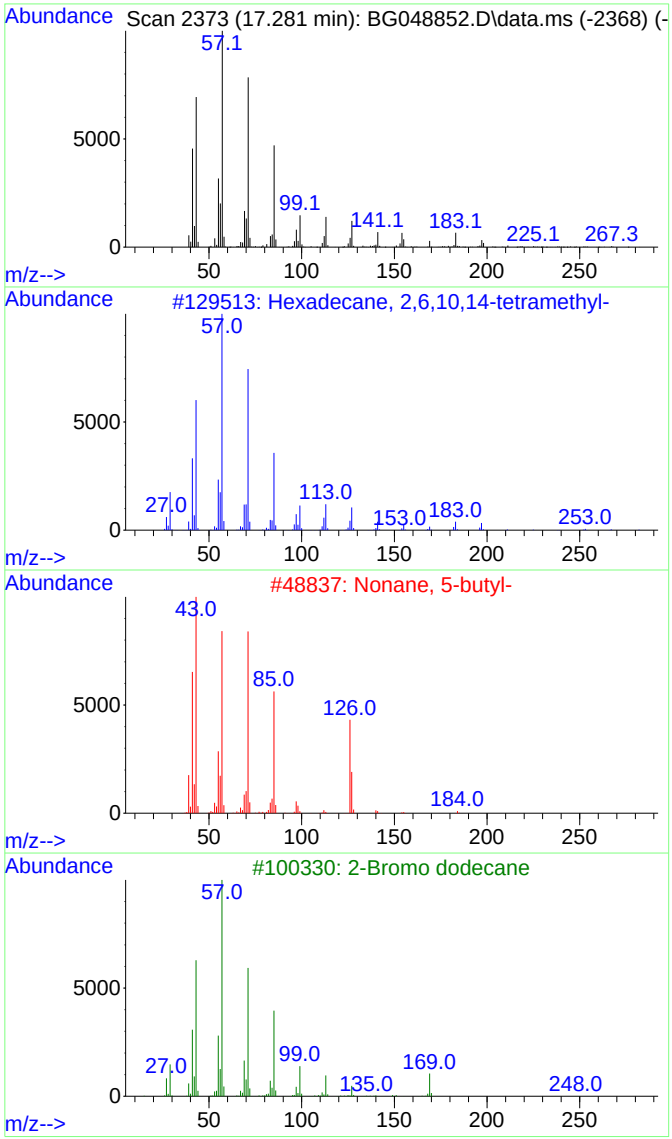
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

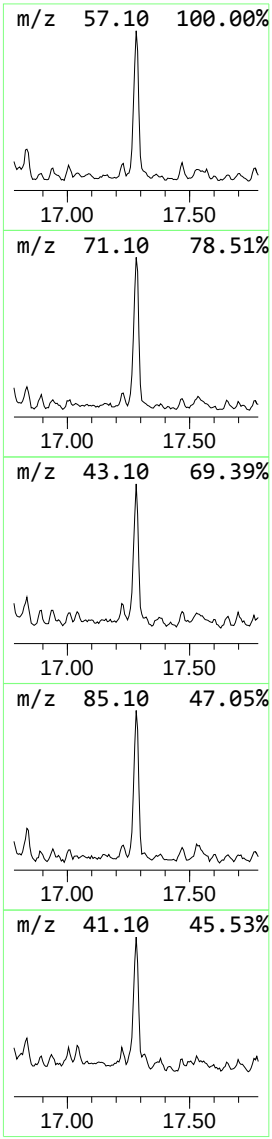
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.281	40.28 ng	2064690	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
105-SB-2(S)

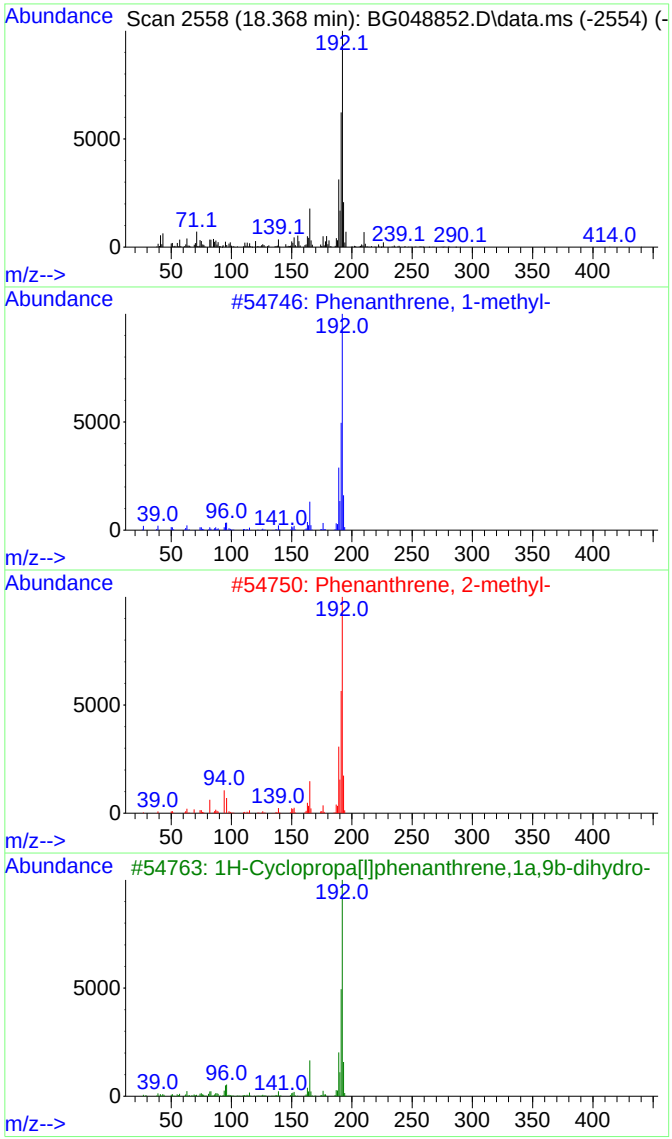
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

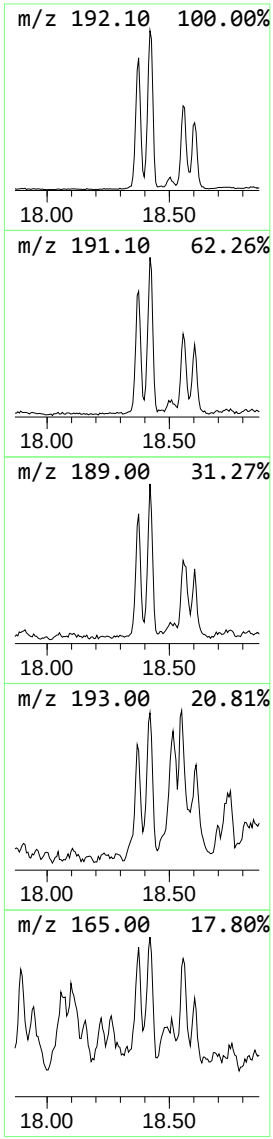
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	18.39 ng	942631	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 105-SB-2(S)

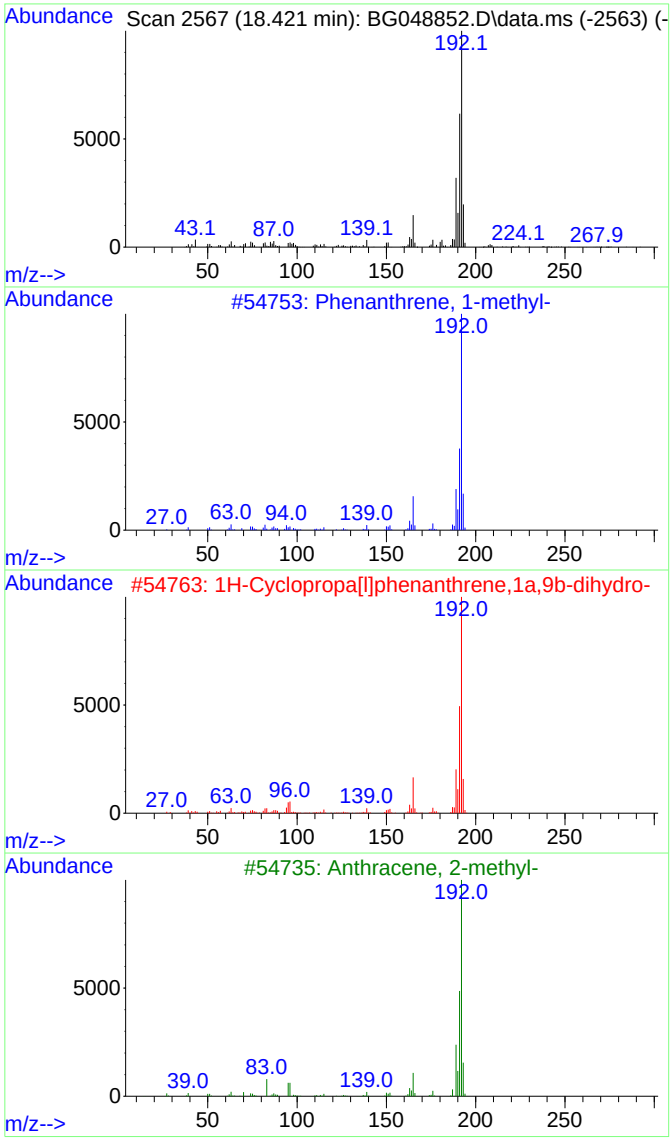
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

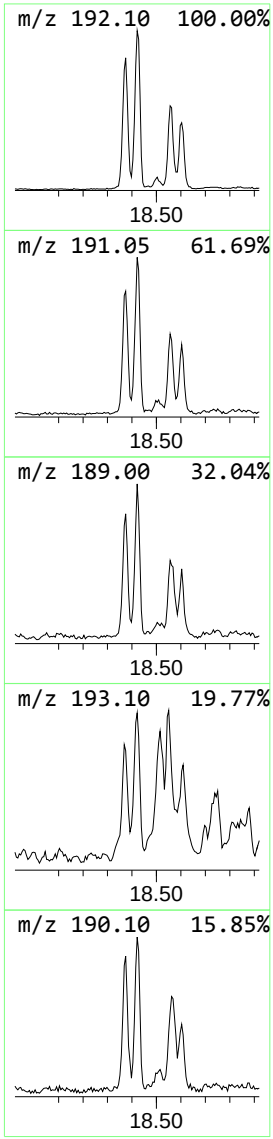
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	24.73 ng	1267370	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048852.D
Acq On : 22 Apr 2021 18:24
Operator : CG/JU
Sample : M2020-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 105-SB-2(S)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Decane	7.675	20.0	ng	787036	1	8.068	787036	20.0
Benzene, 1,2-di...	8.715	39.5	ng	1554050	1	8.068	787036	20.0
Benzene, 1-ethy...	9.179	52.1	ng	2049980	1	8.068	787036	20.0
Benzene, 1,3-di...	9.426	36.2	ng	1426260	1	8.068	787036	20.0
Naphthalene, 1,...	12.099	28.2	ng	4469690	2	10.895	3172960	20.0
Dodecane, 4,6-d...	13.262	28.7	ng	2643360	3	14.737	1841540	20.0
Naphthalene, 1,...	13.680	23.5	ng	2161610	3	14.737	1841540	20.0
Naphthalene, 2,...	13.897	29.3	ng	2693010	3	14.737	1841540	20.0
Naphthalene, 2,...	14.067	57.0	ng	5250840	3	14.737	1841540	20.0
Naphthalene, 1,...	14.114	34.6	ng	3185990	3	14.737	1841540	20.0
Nonadecane	14.203	32.5	ng	2989510	3	14.737	1841540	20.0
Naphthalene, 1,...	14.308	31.2	ng	2868870	3	14.737	1841540	20.0
Naphthalene, 2,...	15.213	44.9	ng	4133650	3	14.737	1841540	20.0
Naphthalene, 1,...	15.354	22.9	ng	2112800	3	14.737	1841540	20.0
Pentadecane, 2,...	15.977	45.6	ng	4200800	3	14.737	1841540	20.0
Tridecane, 5-pr...	16.459	102.0	ng	5227900	4	17.493	1025100	20.0
9H-Fluorene, 2-...	16.846	24.6	ng	1259110	4	17.493	1025100	20.0
Hexadecane, 2,6...	17.281	40.3	ng	2064690	4	17.493	1025100	20.0
Phenanthrene, 1...	18.368	18.4	ng	942631	4	17.493	1025100	20.0
1H-Cyclopropa[l...	18.421	24.7	ng	1267370	4	17.493	1025100	20.0