LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055706.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.785	416	425	437	rBV	282871	488259	4.47%	0.377%
2	7.401	692	700	713	rBV	302976	535713	4.90%	0.413%
3	8.253	839	845	853	rVB	196265	333558	3.05%	0.257%
4	9.422	1038	1044	1050	rBV	182307	339134	3.10%	0.262%
5	11.085	1320	1327	1331	rBV	262634	475761	4.35%	0.367%
6	11.138	1331	1336	1342	rVB	326050	575981	5.27%	0.444%
7	12.724	1599	1606	1613	rVB	821634	1336594	12.23%	1.031%
8	12.942	1632	1643	1651	rBV	625266	1058230	9.69%	0.816%
9	13.500	1729	1738	1745	rBV	511508	786270	7.20%	0.607%
10	13.711	1770	1774	1780	rVB	152277	235233	2.15%	0.181%
11	13.911	1802	1808	1820	rVB	245204	506577	4.64%	0.391%
12	14.058	1822	1833	1840	rBV2	513300	1372338	12.56%	1.059%
13	14.199	1849	1857	1862	rBV	790744	1532753	14.03%	1.183%
14	14.252	1862	1866	1872	rVB	532479	832585	7.62%	0.642%
15	14.434	1891	1897	1901	rBV	416953	682254	6.24%	0.526%
16	14.469	1901	1903	1909	rVB	154661	182753	1.67%	0.141%
17	14.599	1921	1925	1933	rVB	276783	439772	4.03%	0.339%
18	14.840	1960	1966	1969	rBV	227536	363603	3.33%	0.281%
19	14.875	1969	1972	1978	rVB	388388	584793	5.35%	0.451%
20	14.945	1978	1984	1990	rVB	736133	1214218	11.11%	0.937%
21	15.075	2000	2006	2015	rBV	255936	652177	5.97%	0.503%
22	15.163	2015	2021	2023	rBV	116756	191118	1.75%	0.147%
23	15.268	2032	2039	2046	rVB2	659061	1168025	10.69%	0.901%
24	15.345	2046	2052	2059	rVB	470584	705068	6.45%	0.544%
25	15.486	2069	2076	2081	rBV	339907	625422	5.72%	0.483%
26	15.539	2081	2085	2090	rVB	367052	517235	4.73%	0.399%
27	15.656	2096	2105	2108	rBV2	263629	645120	5.90%	0.498%
28	15.692	2108	2111	2116	rVB2	288122	381254	3.49%	0.294%
29	15.827	2130	2134	2139	rVB	184068	265781	2.43%	0.205%
30	15.921	2143	2150	2160	rVV	1133872	2118636	19.39%	1.635%
31	16.015	2160	2166	2168	rVV	243228	393480	3.60%	0.304%
32	16.044	2168	2171	2174	rVV	332392	539157	4.93%	0.416%
33	16.079	2174	2177	2182	rVV3	405301	697137	6.38%	0.538%
34	16.126	2182	2185	2189	rVV3	209469	346799	3.17%	0.268%
35	16.179	2189	2194	2196	rVV2	201654	402741	3.69%	0.311%
36	16.214	2196	2200	2207	rVB3	295269	590561	5.41%	0.456%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.320	2207	2218	2220	rBV3	72131	185842	1.70%	0.143%
38	16.361	2220	2225	2232	rVV	603169	1059082	9.69%	0.817%
39	16.420	2232	2235	2238	rVV	99899	152257	1.39%	0.117%
40	16.549	2253	2257	2259	rBV2	112712	154131	1.41%	0.119%
41	16.585	2259	2263	2273	rVB2	228434	418428	3.83%	0.323%
42	16.720	2281	2286	2291	rBV3	147788	269590	2.47%	0.208%
43	16.919	2310	2320	2325	rBV2	549461	1271656	11.64%	0.981%
44	16.972	2325	2329	2334	rVV2	406111	653649	5.98%	0.504%
45	17.072	2342	2346	2351	rVB2	329623	521624	4.77%	0.402%
46	17.125	2351	2355	2358	rBV	205540	342051	3.13%	0.264%
47	17.190	2362	2366	2373	rVB3	185732	338872	3.10%	0.261%
48	17.272	2373	2380	2386	rVB4	135509	267222	2.45%	0.206%
49	17.343	2388	2392	2398	rBV4	183793	346709	3.17%	0.267%
50	17.442	2404	2409	2417	rVB	462753	743508	6.81%	0.574%
51	17.625	2434	2440	2443	rBV	408677	708574	6.49%	0.547%
52	17.677	2443	2449	2455	rVV	4556539	8143968	74.54%	6.283%
53	17.760	2458	2463	2468	rVV	1827520	2841185	26.00%	2.192%
54	17.813	2468	2472	2476	rVV2	236971	408055	3.73%	0.315%
55	17.883	2482	2484	2495	rVB3	138292	369674	3.38%	0.285%
56	18.024	2503	2508	2513	rBV3	183251	405634	3.71%	0.313%
57	18.136	2523	2527	2530	rBV	211980	274398	2.51%	0.212%
58	18.200	2530	2538	2543	rVV2	394701	751907	6.88%	0.580%
59	18.259	2543	2548	2557	rVB	1877587	2442134	22.35%	1.884%
60	18.347	2558	2563	2569	rBV	239362	470280	4.30%	0.363%
61	18.500	2582	2589	2593	rBV	1914016	3221234	29.48%	2.485%
62	18.553	2593	2598	2603	rVB	2251454	3392754	31.05%	2.618%
63	18.629	2604	2611	2615	rBV	973178	1564078	14.32%	1.207%
64	18.694	2615	2622	2626	rVV3	1926740	4257066	38.96%	3.284%
65	18.729	2626	2628	2633	rVB	1458122	1650361	15.11%	1.273%
66	18.935	2659	2663	2666	rBV4	91274	150510	1.38%	0.116%
67	18.982	2666	2671	2676	rVV	803416	1211182	11.09%	0.934%
68	19.035	2676	2680	2688	rVB4	229573	464640	4.25%	0.358%
69	19.105	2688	2692	2697	rBV	198928	314058	2.87%	0.242%
70	19.229	2705	2713	2717	rBV2	616433	1043622	9.55%	0.805%
71	19.281	2717	2722	2725	rBV	694356	918122	8.40%	0.708%
72	19.317	2725	2728	2732	rVB	516854	650180	5.95%	0.502%
73	19.393	2735	2741	2744	rBV2	7086522	10925603	100.00%	8.429%
74	19.422	2744	2746	2757	rVB4	3952299	5788113	52.98%	4.466%
75	19.546	2762	2767	2780	rVB4	1321183	2499369	22.88%	1.928%
76	19.675	2781	2789	2793	rBV	3691402	6270007	57.39%	4.837%

LSC Area Percent Report

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Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

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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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.722	2793	2797	2799	rVV2	257657	381948	3.50%	0.295%
78	19.757	2800	2803	2807	rVB	391193	525544	4.81%	0.405%
79	19.904	2824	2828	2831	rBV2	316081	499317	4.57%	0.385%
80	20.039	2840	2851	2857	rBV	4509170	9105832	83.34%	7.025%
81	20.098	2857	2861	2866	rVB	715461	1115011	10.21%	0.860%
82	20.169	2866	2873	2876	rBV4	273315	645529	5.91%	0.498%
83	20.210	2876	2880	2884	rVV2	1026636	1388356	12.71%	1.071%
84	20.257	2884	2888	2895	rVB3	252866	481391	4.41%	0.371%
85	20.357	2897	2905	2910	rBV3	703777	1654726	15.15%	1.277%
86	20.515	2923	2932	2940	rVB	1412505	3137786	28.72%	2.421%
87	20.615	2944	2949	2953	rBV	1085360	1590930	14.56%	1.227%
88	20.674	2954	2959	2963	rVV	1075969	1522539	13.94%	1.175%
89	20.815	2979	2983	2987	rBV	925145	1309948	11.99%	1.011%
90	20.862	2987	2991	3002	rVB2	999244	1774615	16.24%	1.369%
91	21.250	3053	3057	3060	rBV3	198589	386548	3.54%	0.298%
92	21.397	3079	3082	3088	rVB	243052	355643	3.26%	0.274%
93	21.461	3089	3093	3094	rBV	220144	289675	2.65%	0.223%
94	21.496	3095	3099	3102	rVV2	413737	760073	6.96%	0.586%
95	21.532	3102	3105	3110	rVB	449488	690696	6.32%	0.533%
96	21.590	3111	3115	3119	rBV2	278419	453452	4.15%	0.350%
97	21.914	3164	3170	3177	rBV2	1919962	4517905	41.35%	3.486%
98	21.984	3177	3182	3193	rVB	1765879	3565555	32.63%	2.751%
99	22.143	3205	3209	3215	rBV	346029	604427	5.53%	0.466%
100	22.701	3300	3304	3312	rVB	476927	879688	8.05%	0.679%

Sum of corrected areas: 129614553

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
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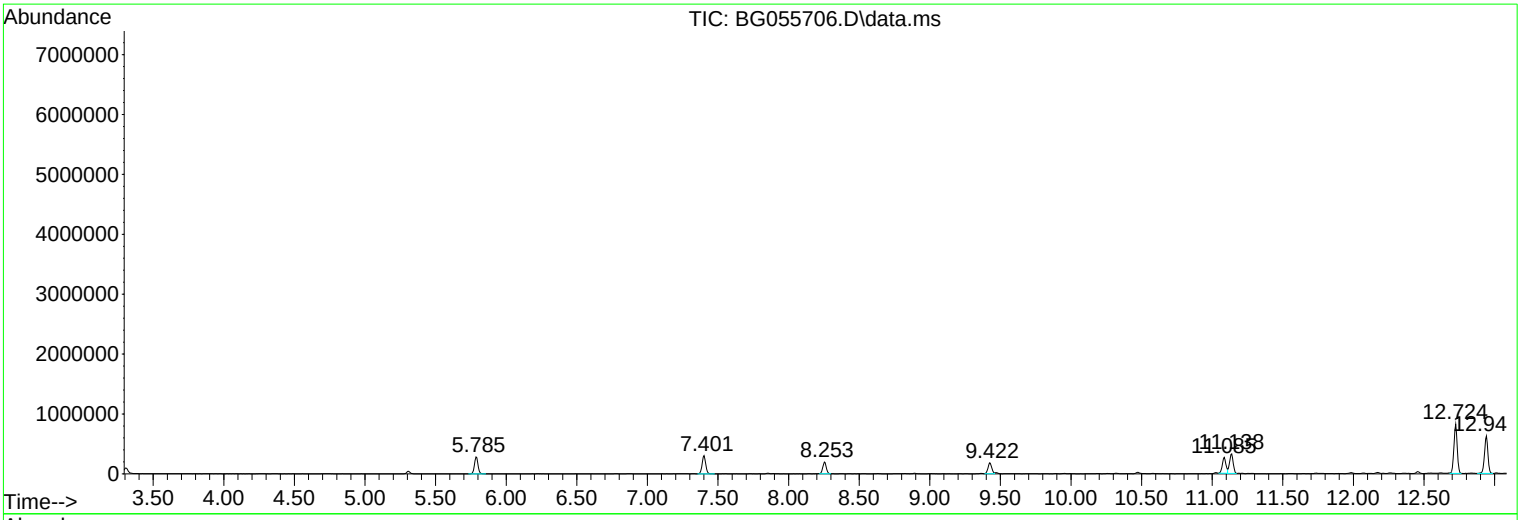
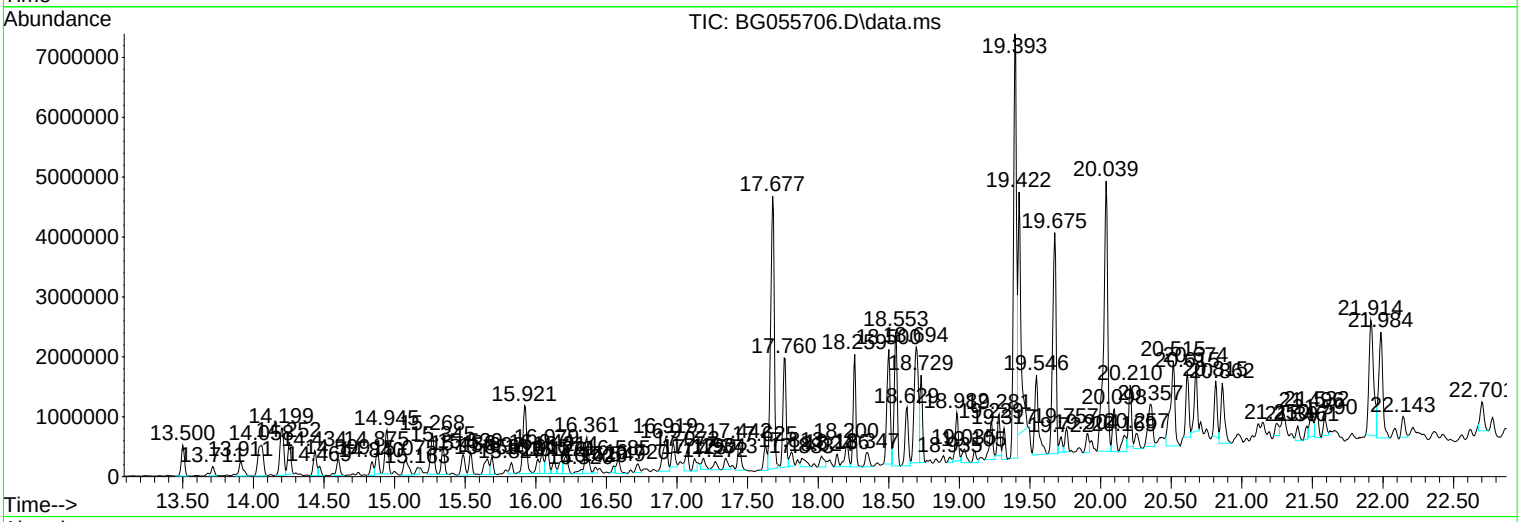
Misc :
ALS Vial : 16 Sample Multiplier: 1

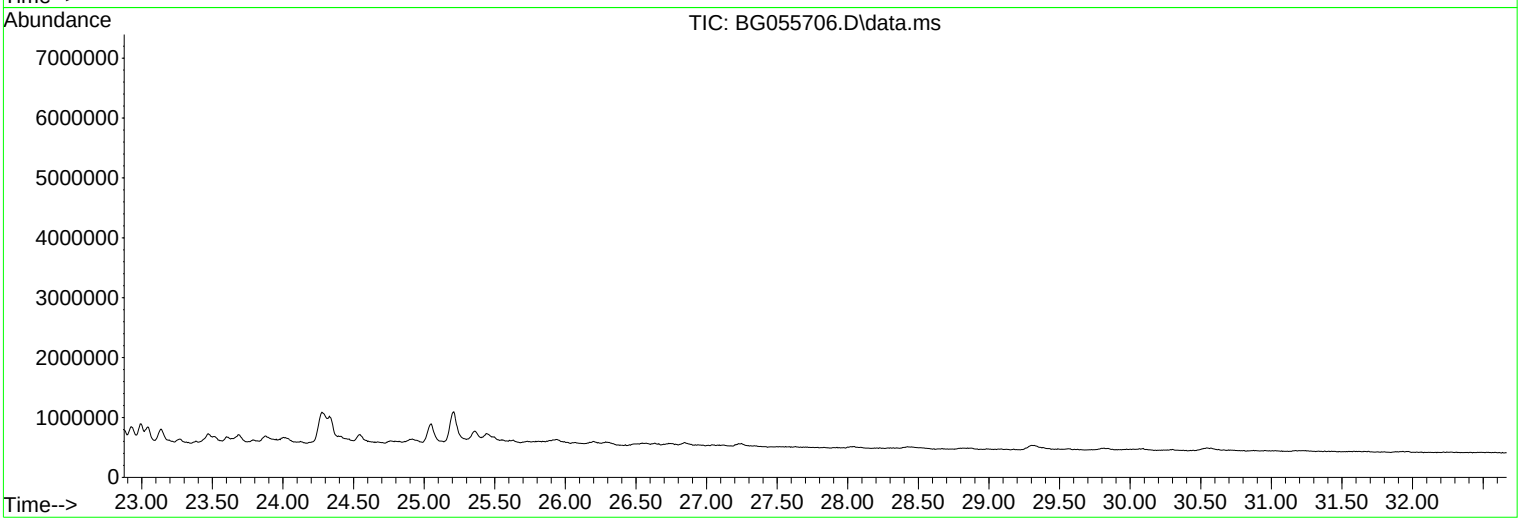
Instrument :
BNA_G
ClientSampleId :
SU-03-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

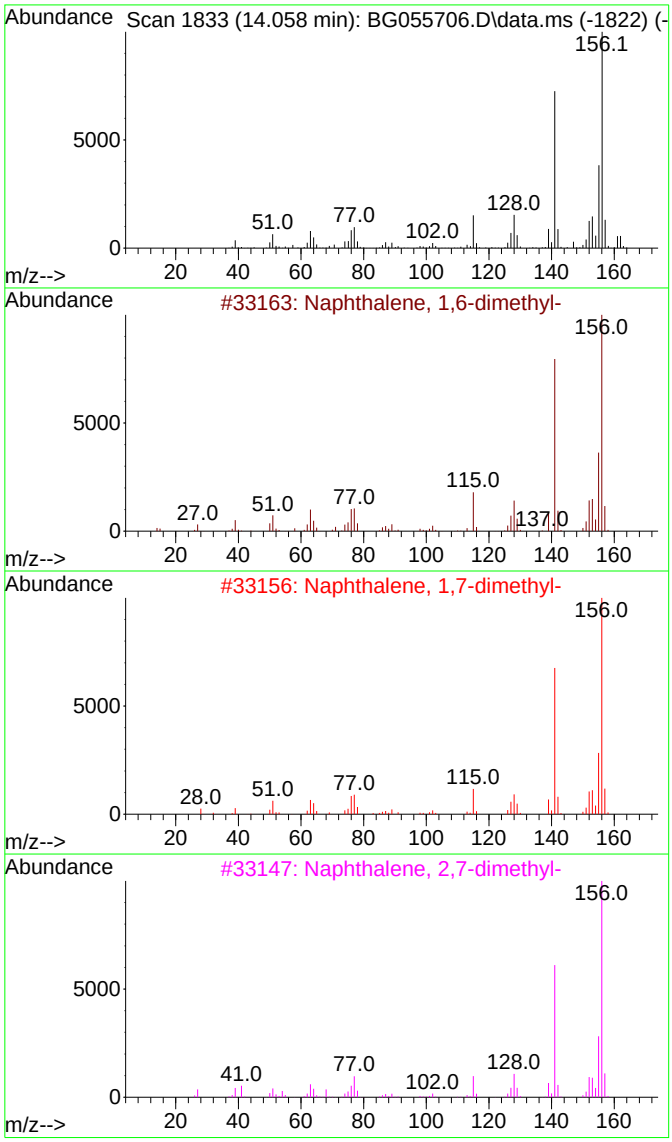
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

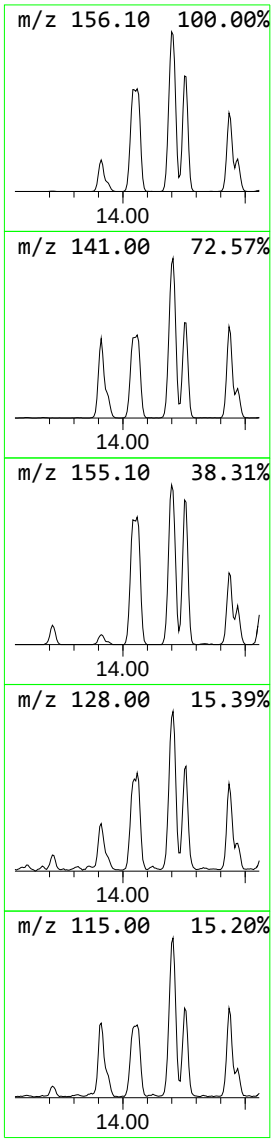
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.058	46.93 ng	1372340	Acenaphthene-d10	14.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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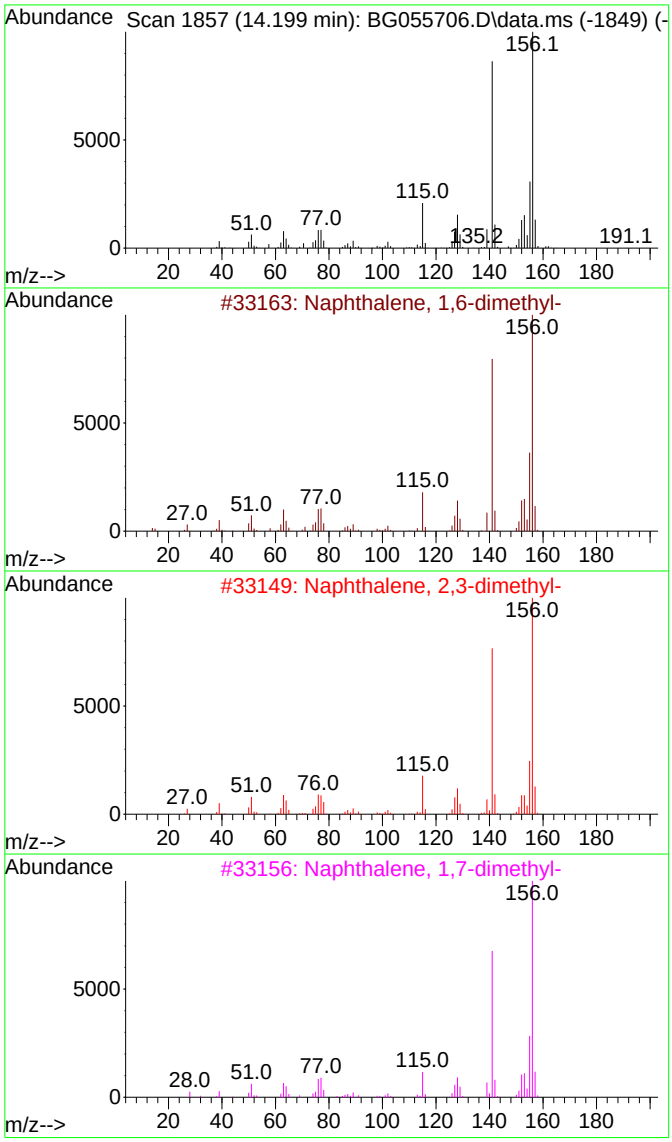
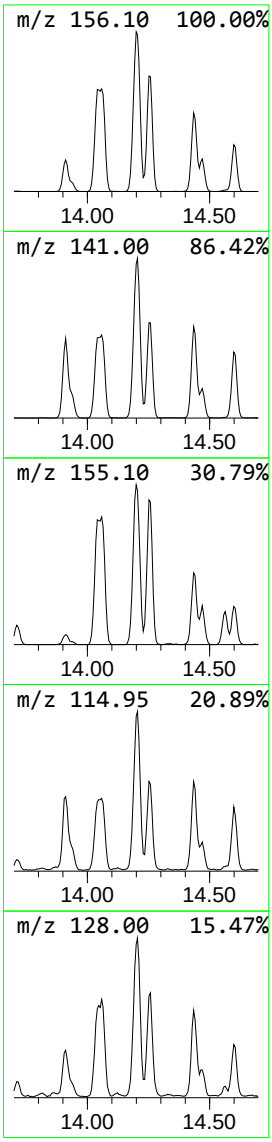
Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.199	52.42 ng	1532750	Acenaphthene-d10	14.881

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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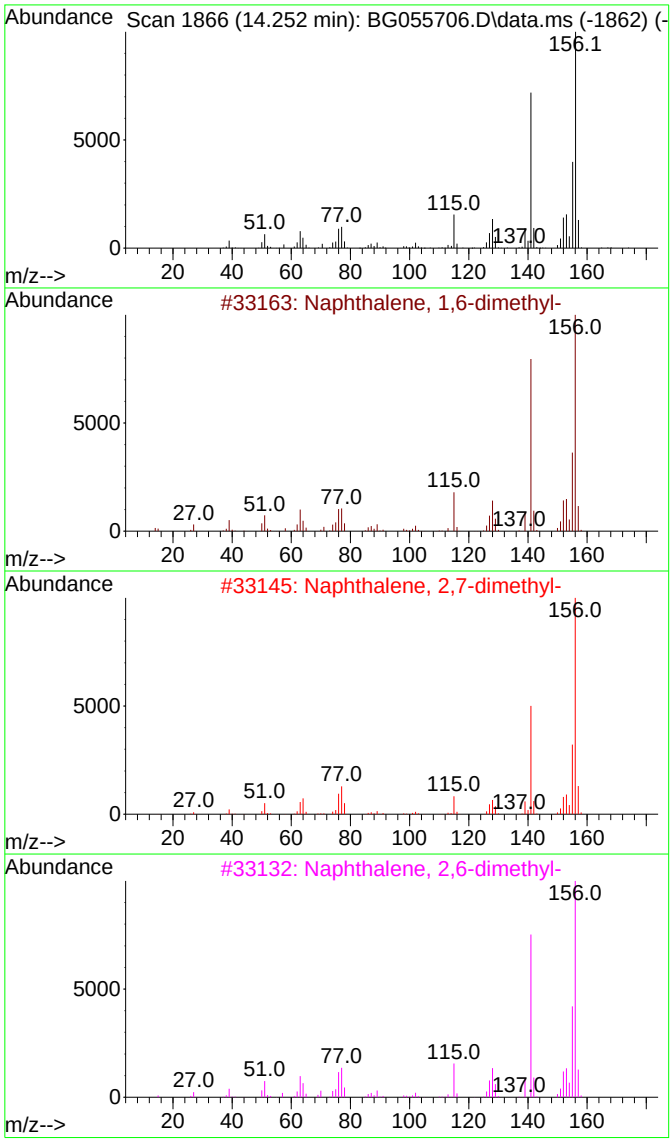
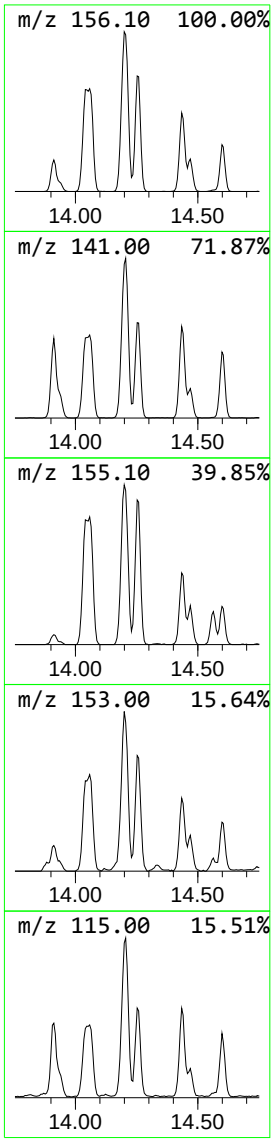
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.252	28.47 ng	832585	Acenaphthene-d10	14.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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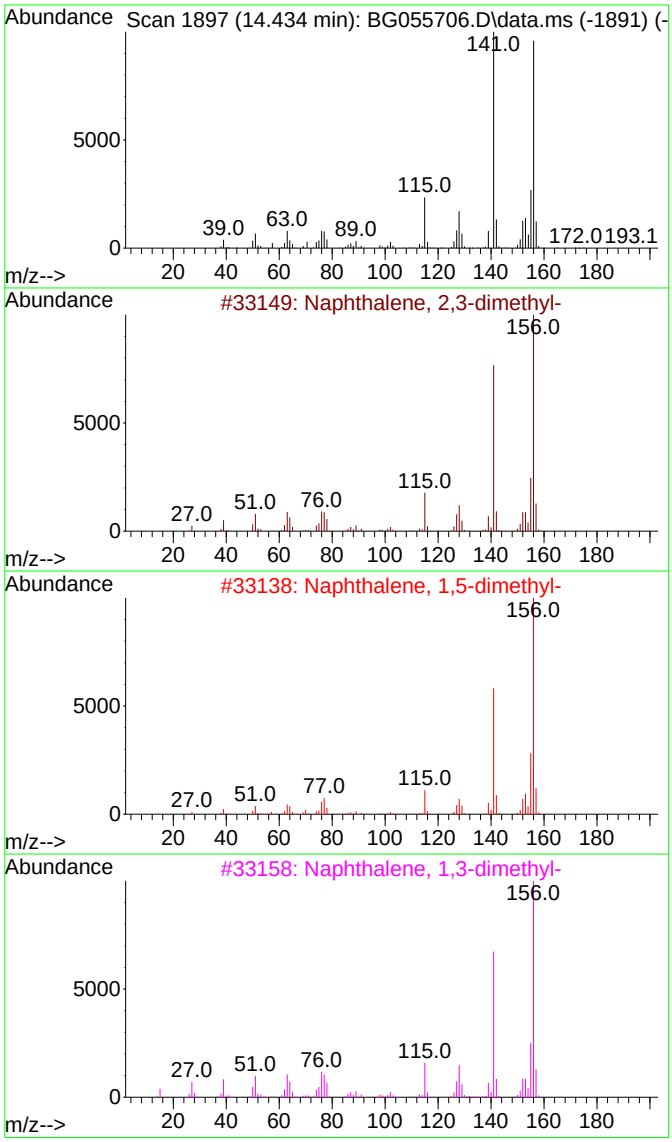
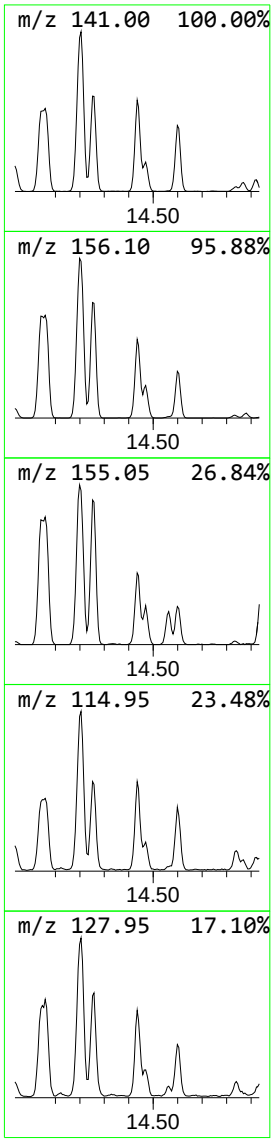
Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.434	23.33 ng	682254	Acenaphthene-d10	14.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

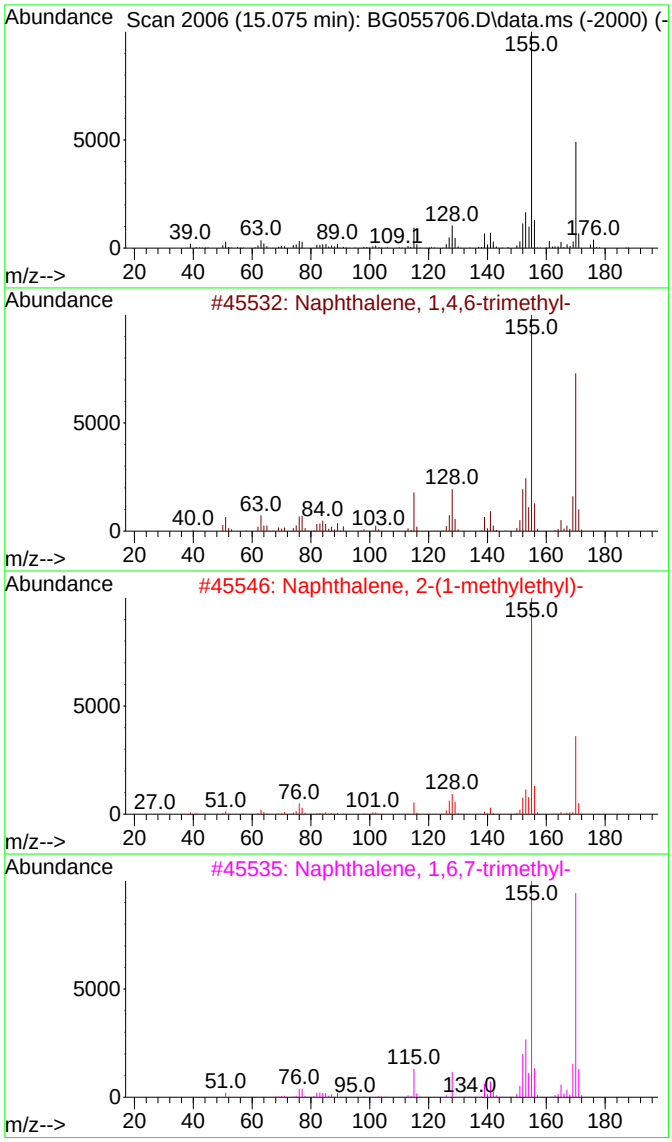
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

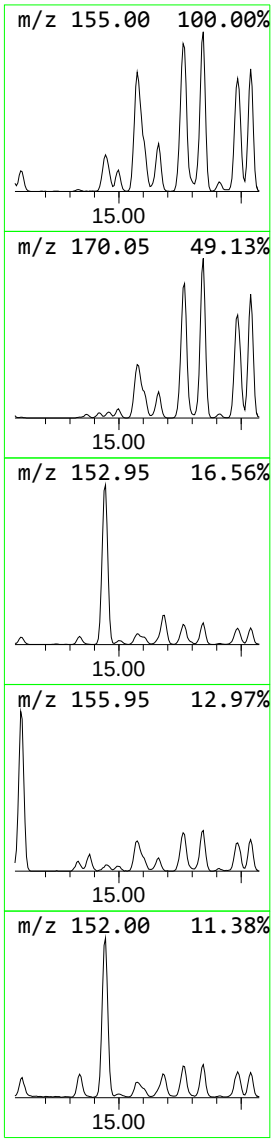
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.075	22.30 ng	652177	Acenaphthene-d10	14.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72





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Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

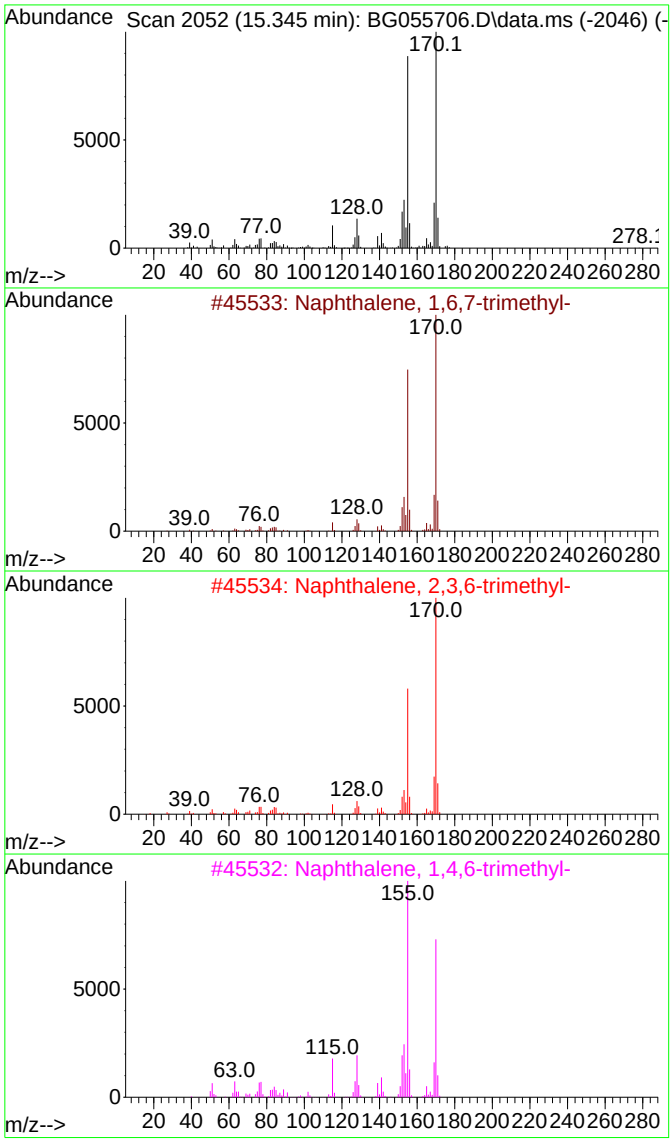
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

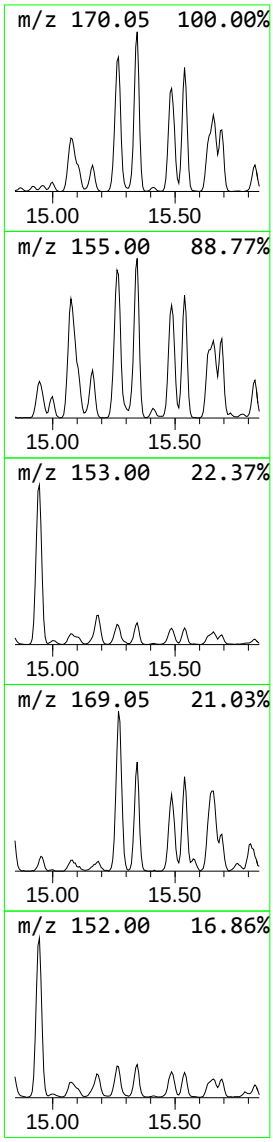
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	24.11 ng	705068	Acenaphthene-d10	14.881

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	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-111722

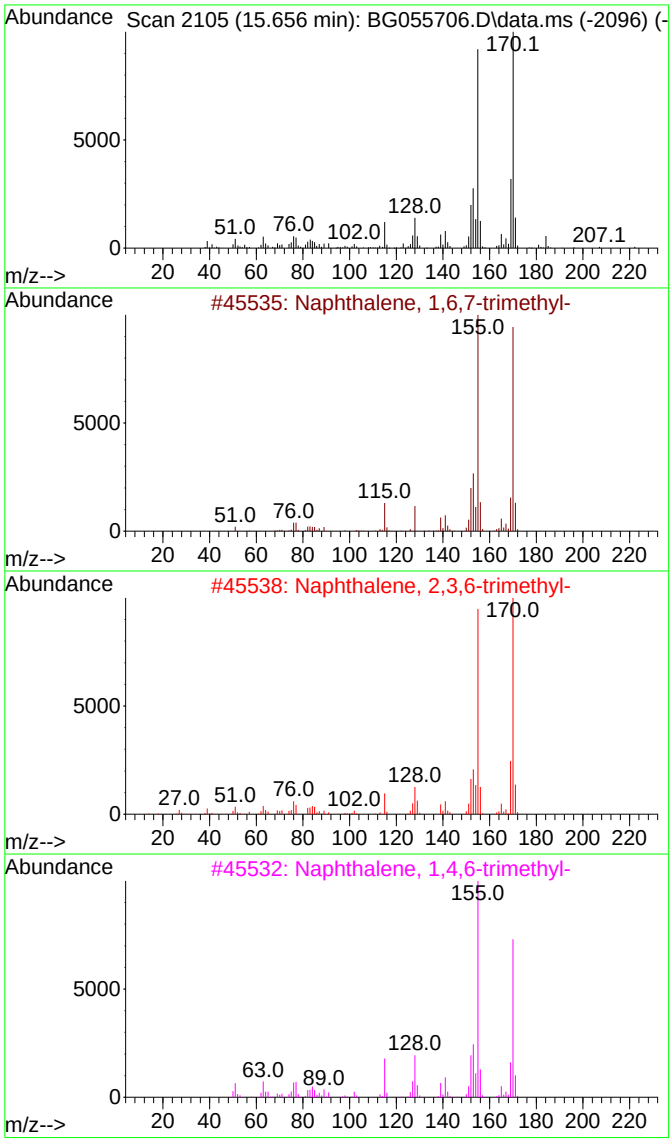
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

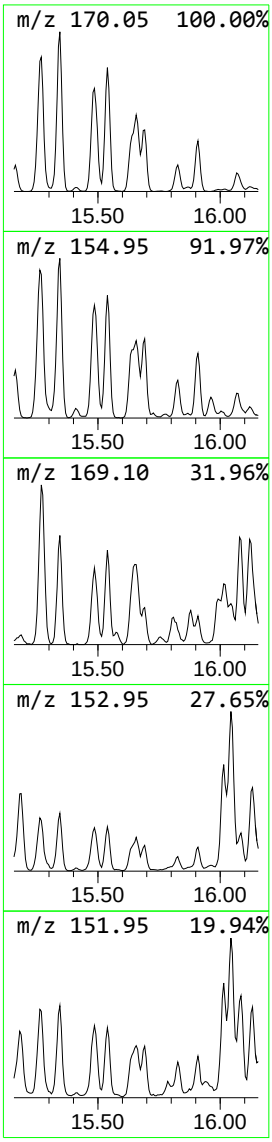
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.656	22.06 ng	645120	Acenaphthene-d10	14.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-111722

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

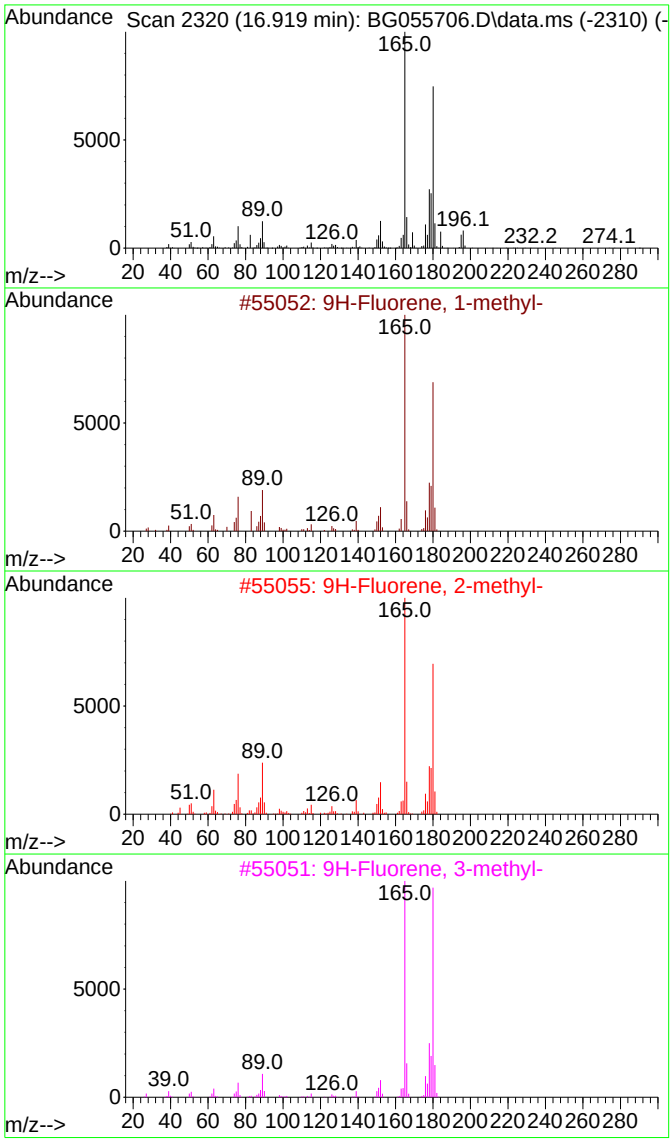
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

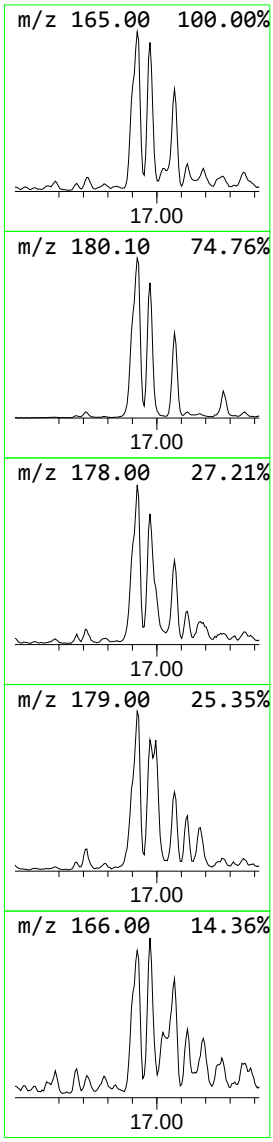
****

Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.919	35.89 ng	1271660	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81





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Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-111722

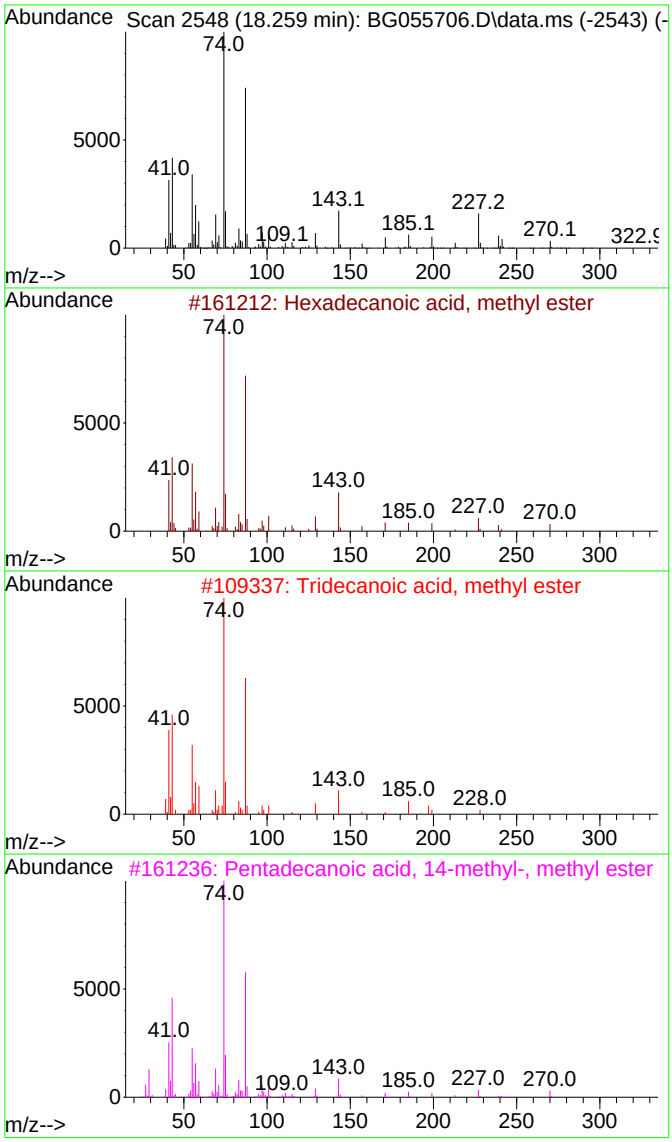
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

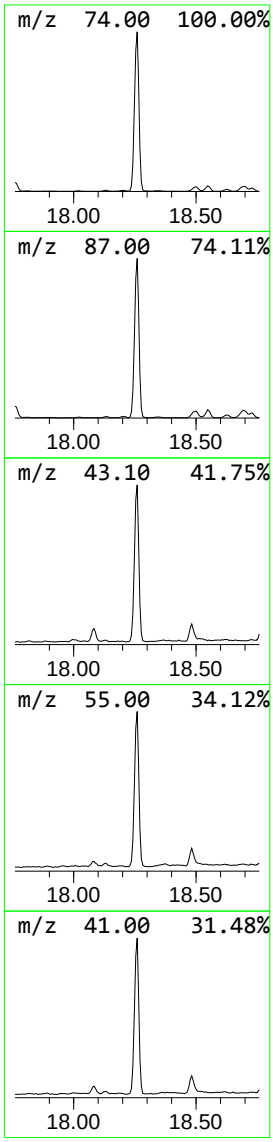
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.259	68.93 ng	2442130	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	83





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ALS Vial : 16 Sample Multiplier: 1

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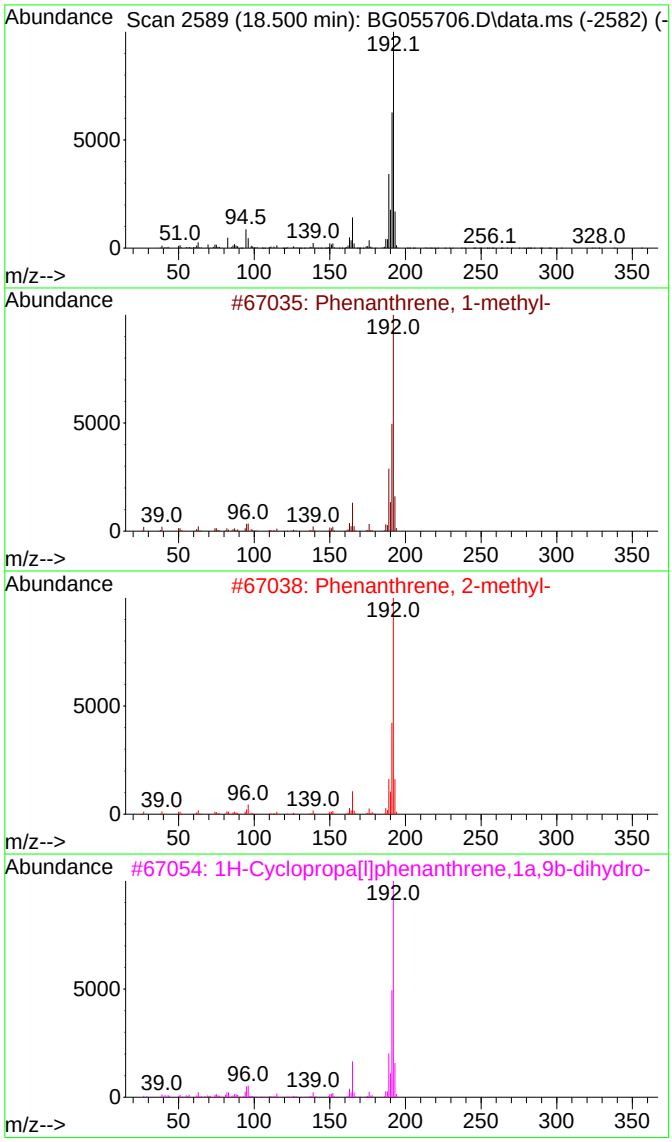
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

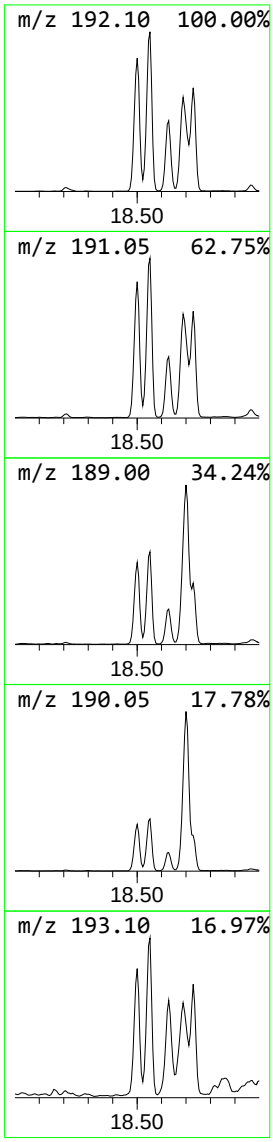
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.500	90.92 ng	3221230	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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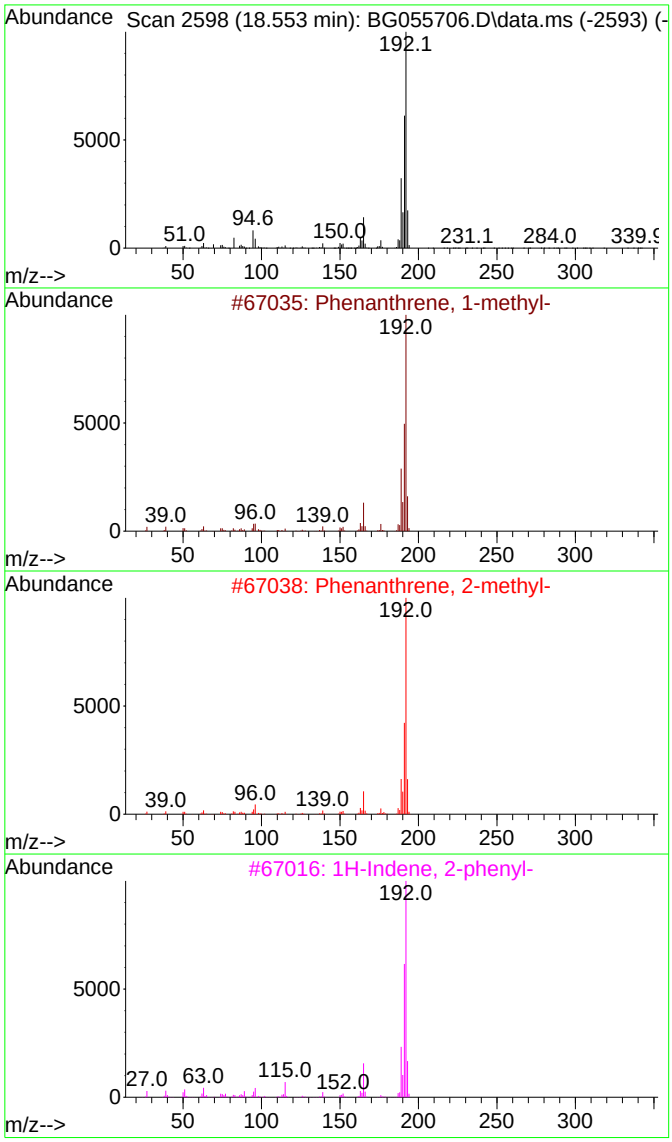
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

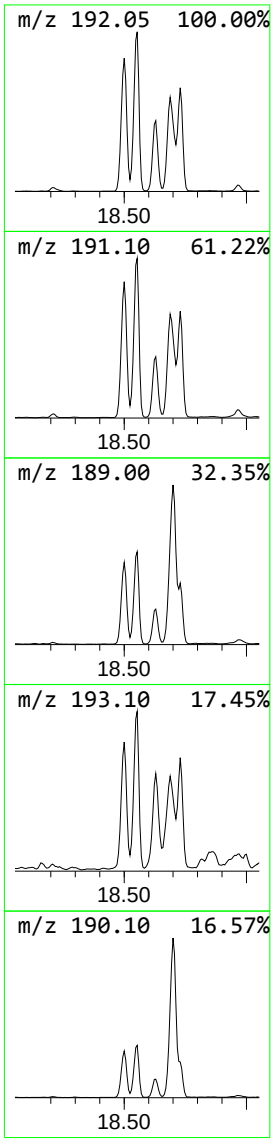
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.553	95.76 ng	3392750	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

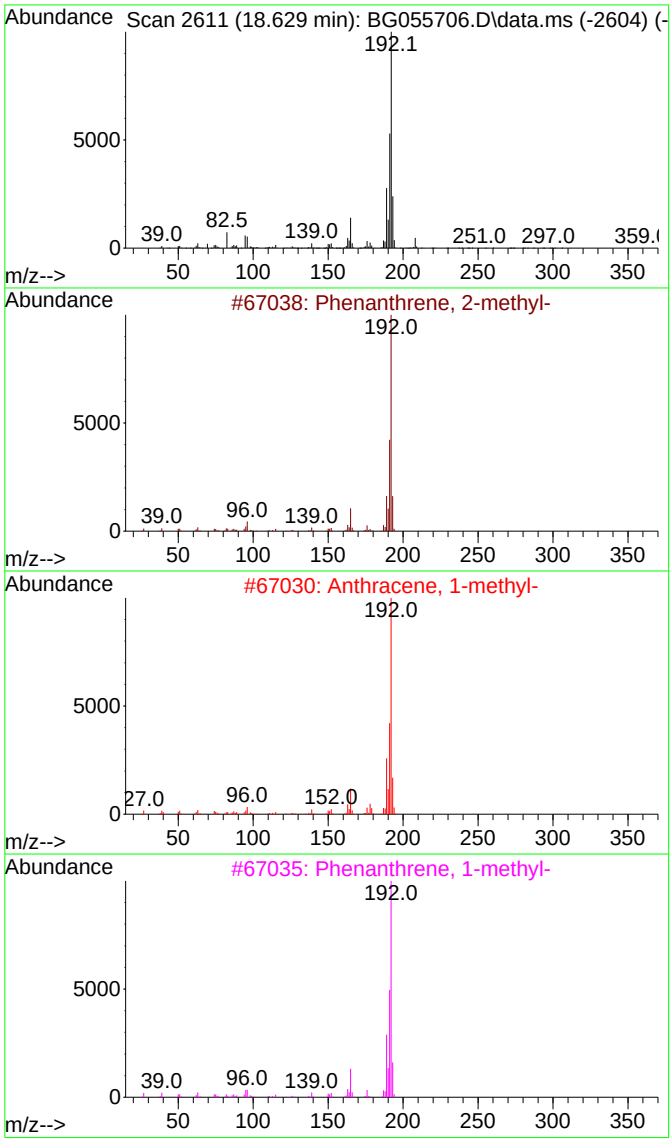
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

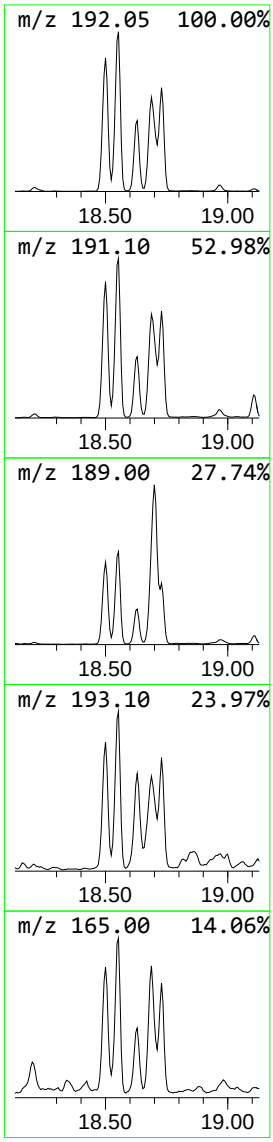
****

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.629	44.15 ng	1564080	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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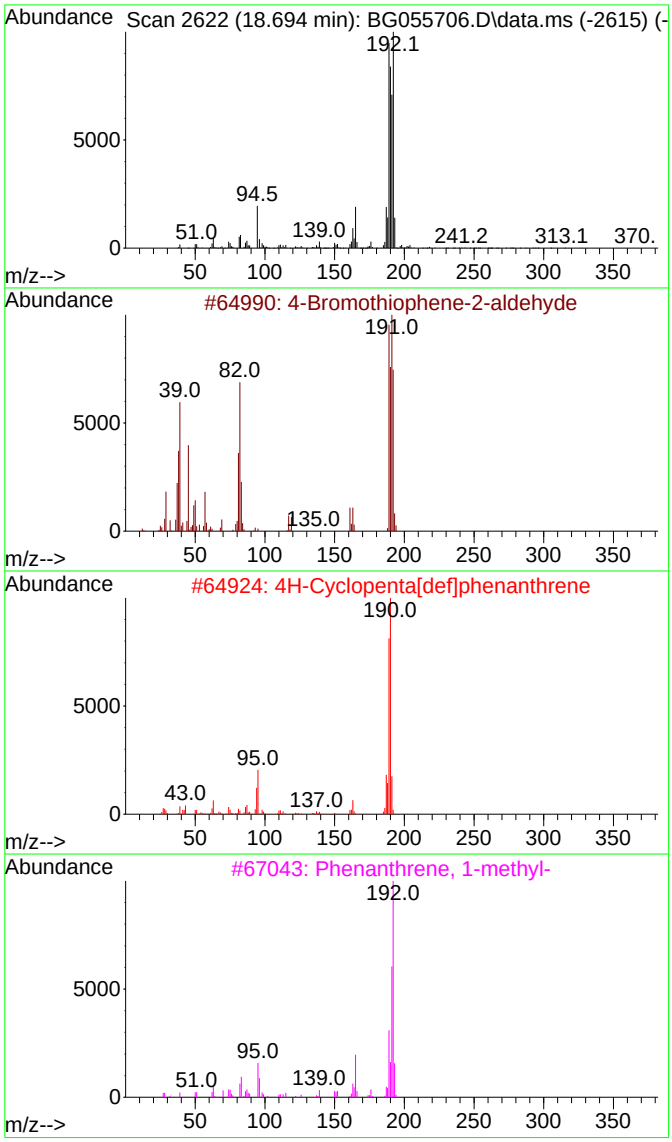
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

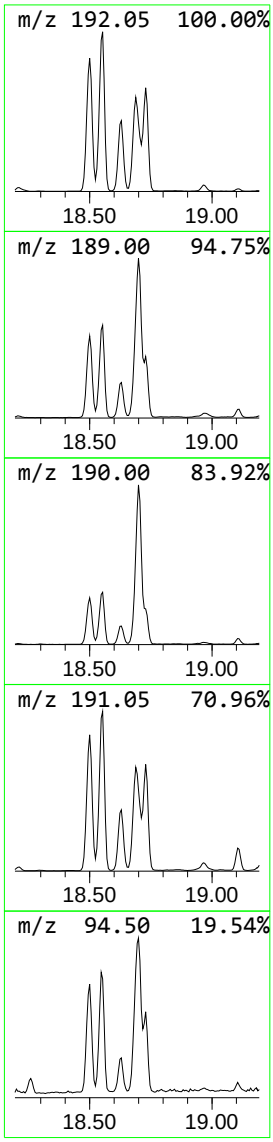
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4-Bromothiophene-2-aldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.694	120.16 ng	4257070	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





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Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

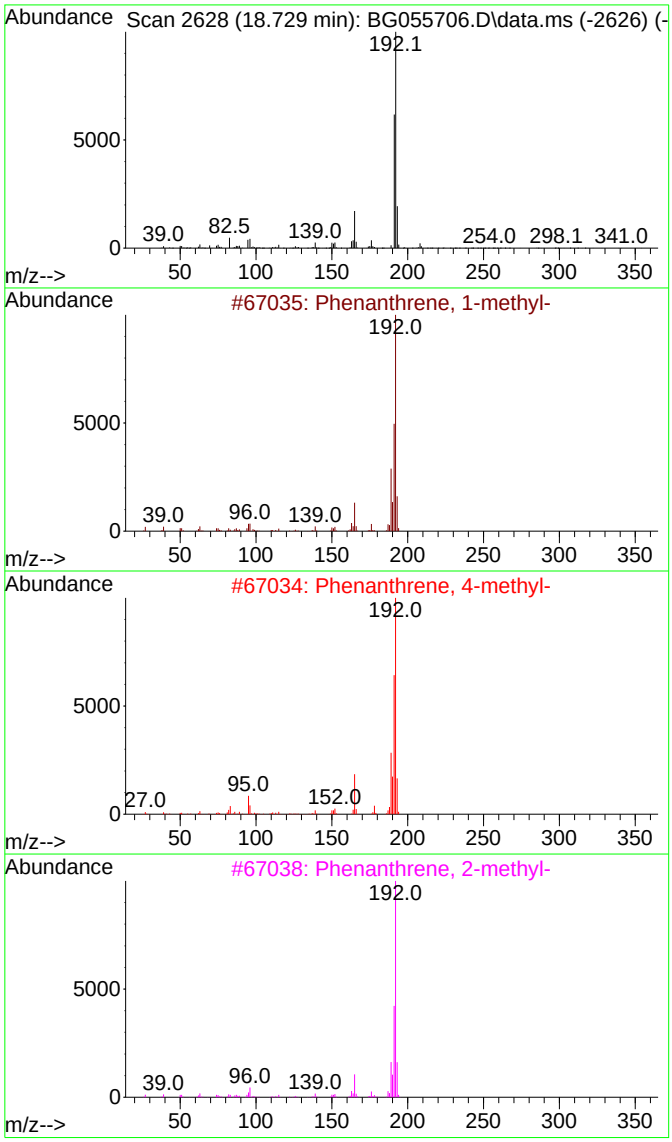
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

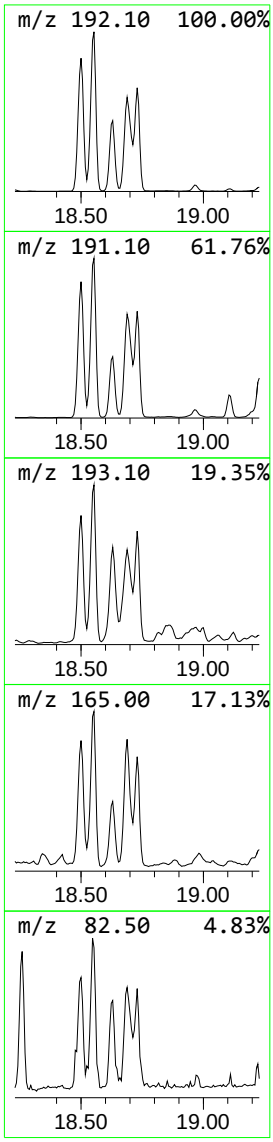
****

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.729	46.58 ng	1650360	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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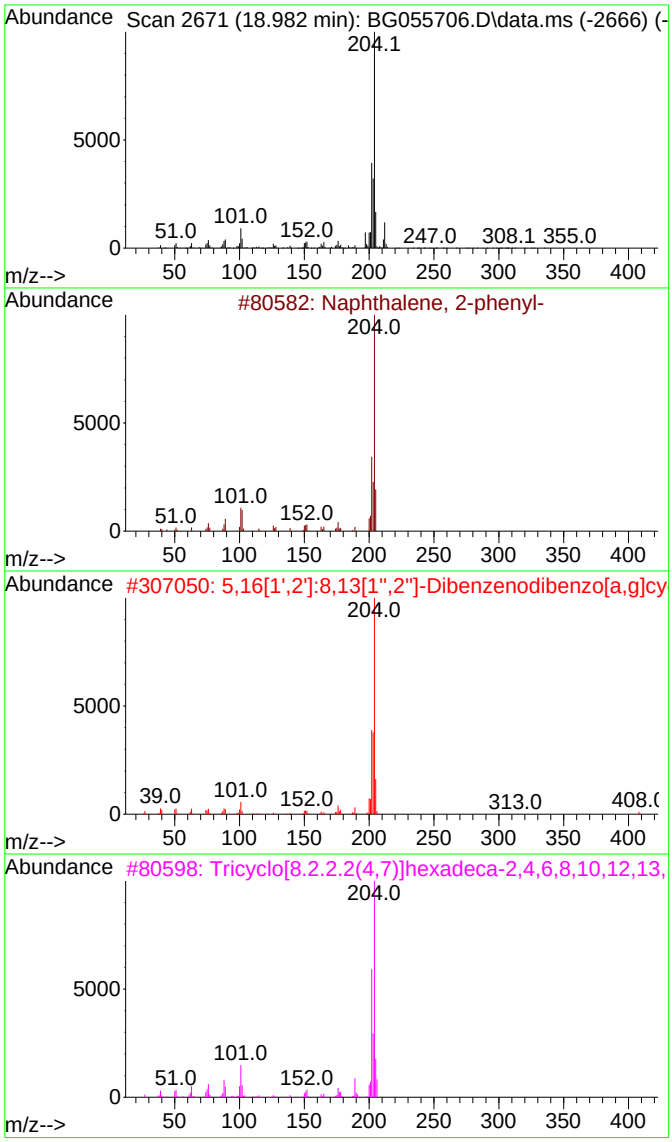
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

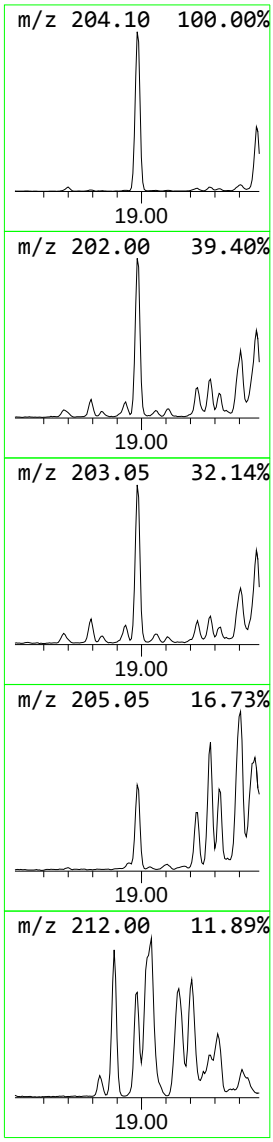
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.982	34.19 ng	1211180	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	46





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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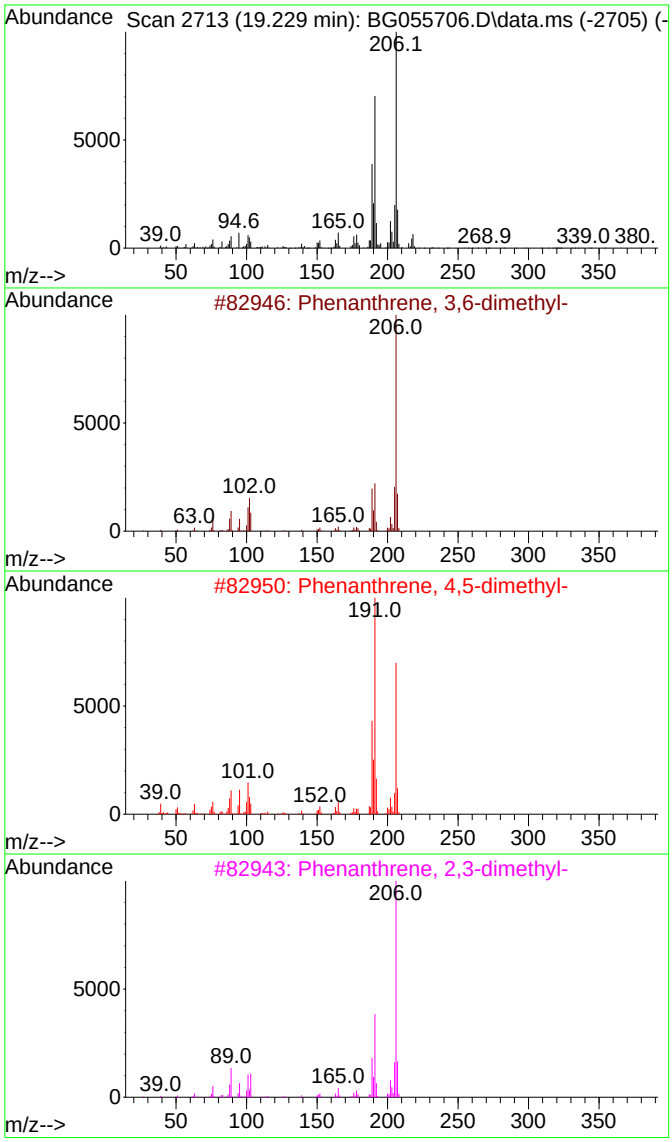
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

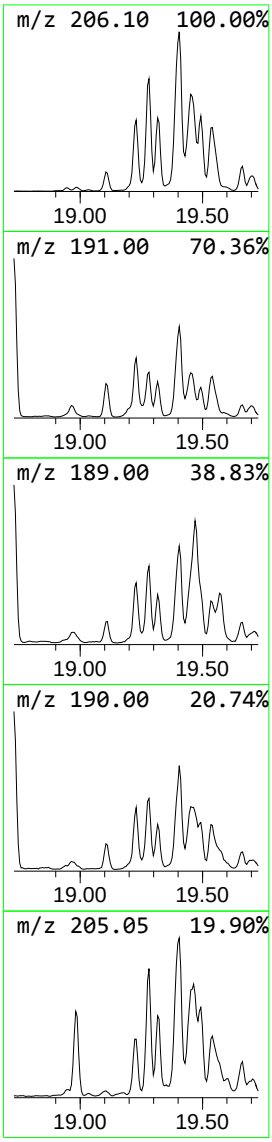
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.229	29.46 ng	1043620	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

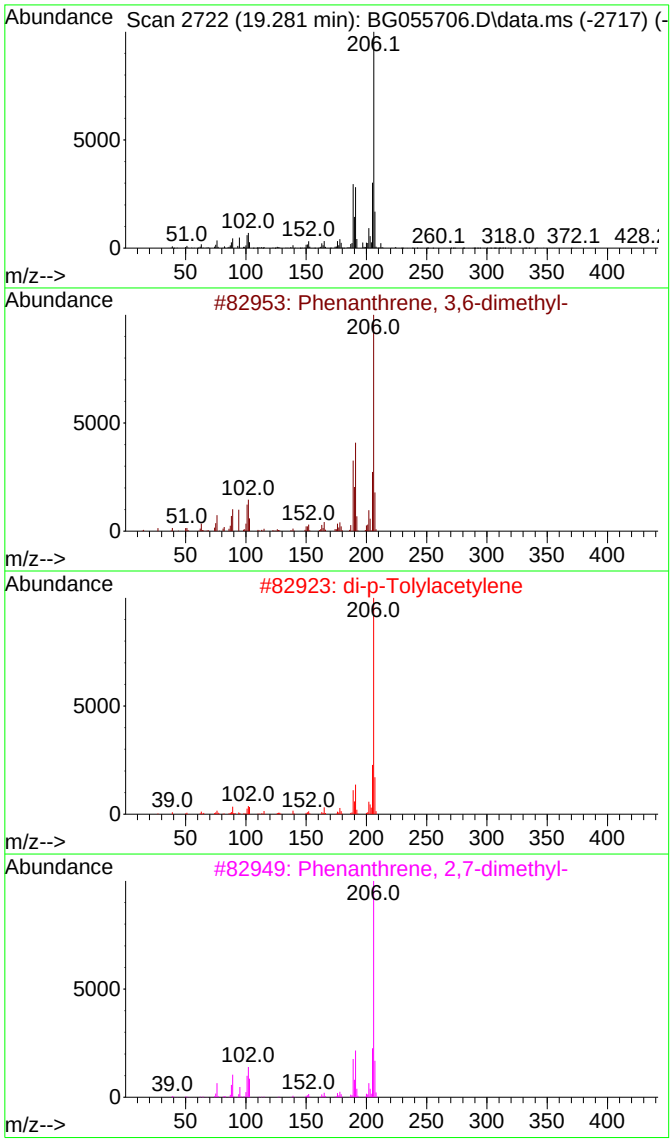
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

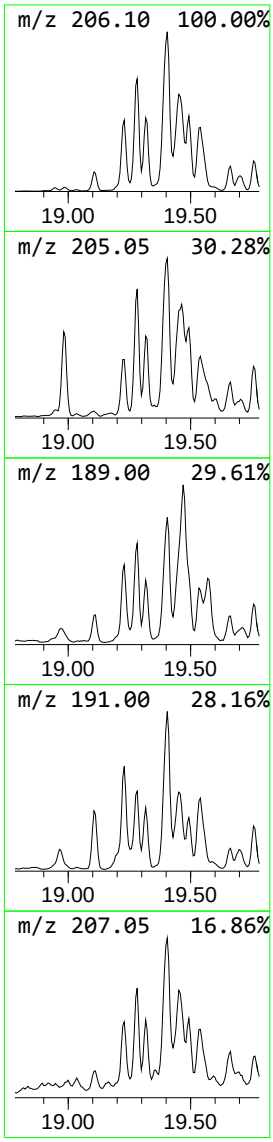
****

Peak Number 17 di-p-Tolylacetylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.281	25.91 ng	918122	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

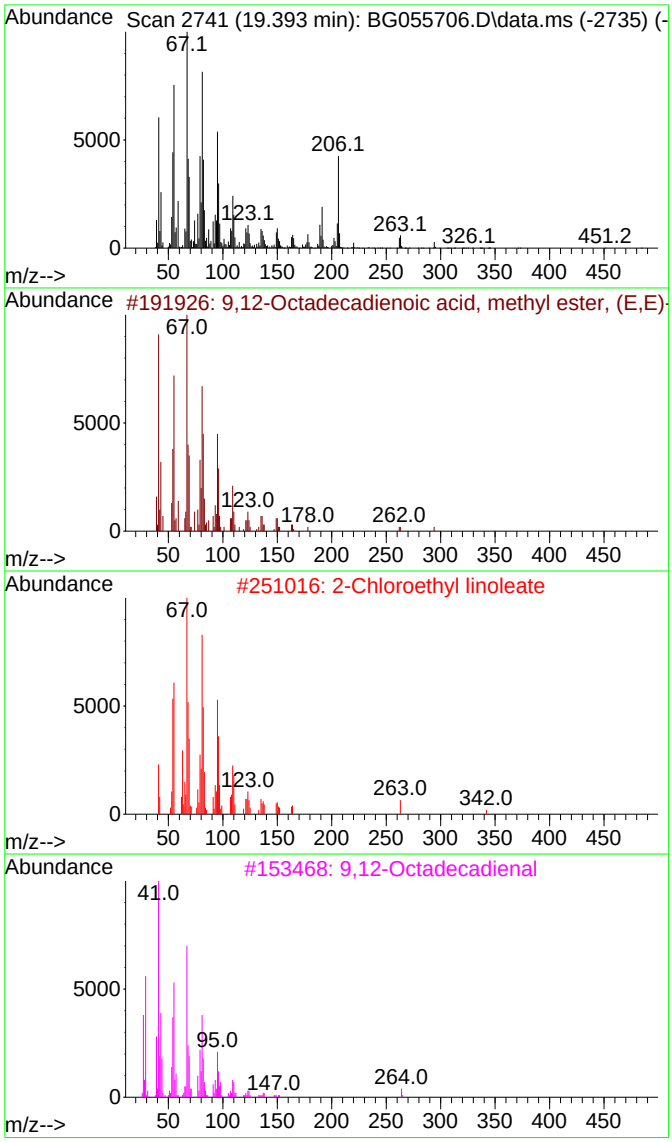
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

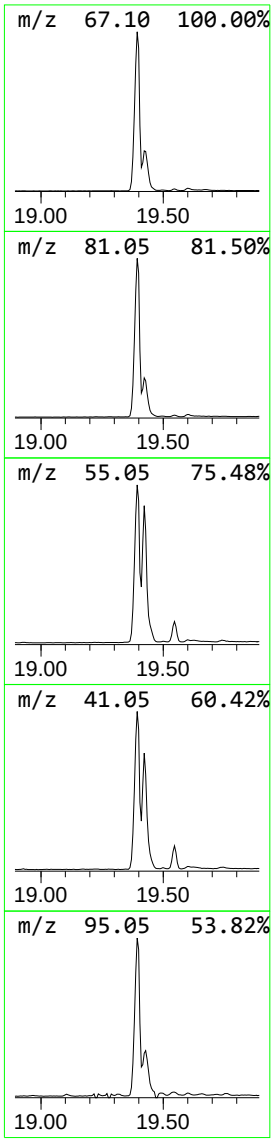
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.393	308.38 ng	10925600	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	93
3	9,12-Octadecadienal	264	C18H32O	026537-70-2	91
4	Linoelaidic acid	280	C18H32O2	000506-21-8	81
5	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	76





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Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

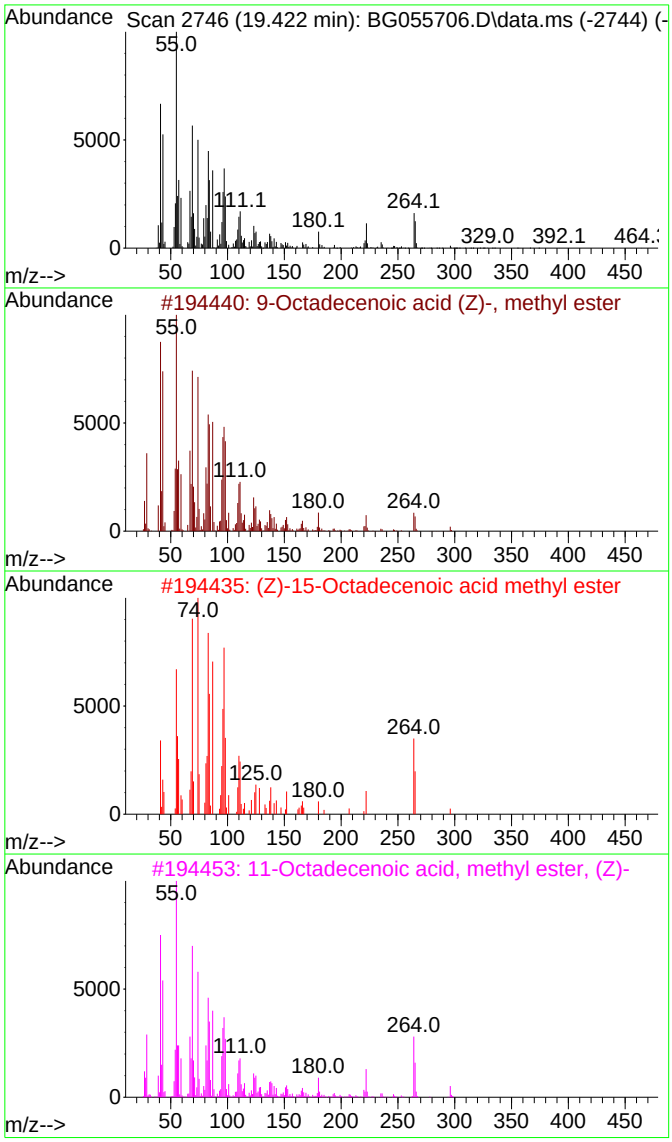
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

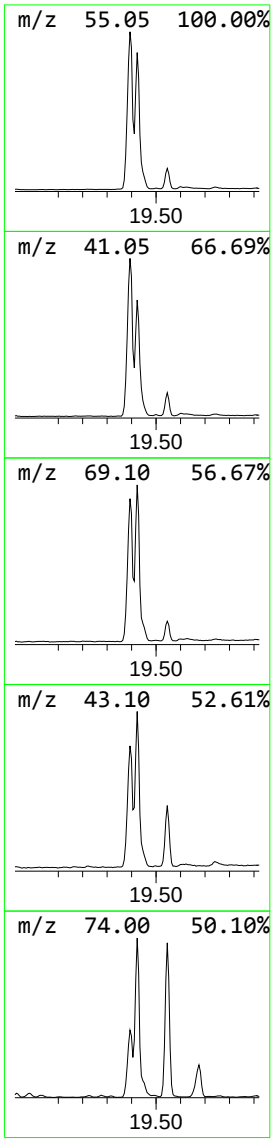
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.422	163.37 ng	5788110	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97
2	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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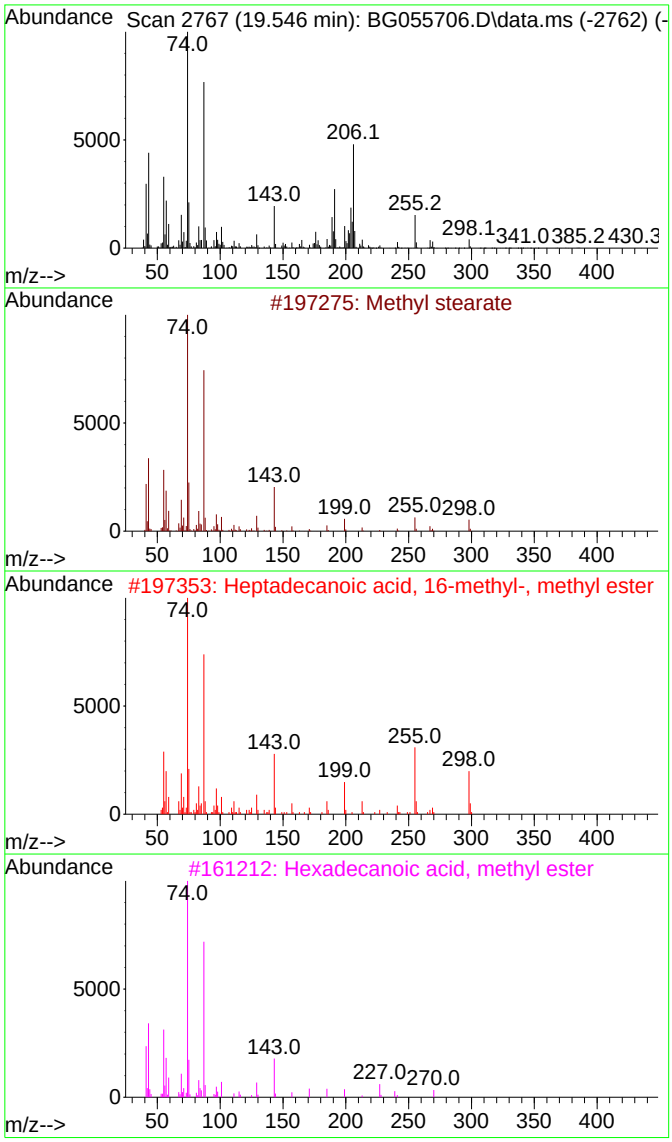
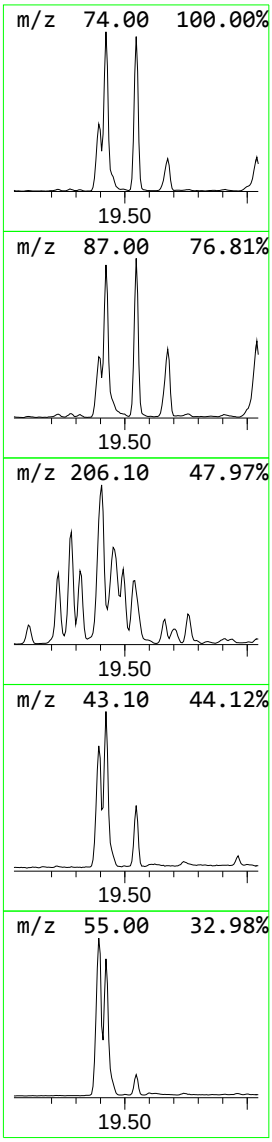
Peak Number 20 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.546	70.55 ng	2499370	Phenanthrene-d10	17.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	86
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	64
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	64
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
Naphthalene, 1,...	14.058	46.9	ng	1372340	3	14.881	584793	20.0
Naphthalene, 2,...	14.199	52.4	ng	1532750	3	14.881	584793	20.0
Naphthalene, 2,...	14.252	28.5	ng	832585	3	14.881	584793	20.0
Naphthalene, 1,...	14.434	23.3	ng	682254	3	14.881	584793	20.0
Naphthalene, 1,...	15.075	22.3	ng	652177	3	14.881	584793	20.0
Naphthalene, 1,...	15.345	24.1	ng	705068	3	14.881	584793	20.0
Naphthalene, 2,...	15.656	22.1	ng	645120	3	14.881	584793	20.0
9H-Fluorene, 1-...	16.919	35.9	ng	1271660	4	17.625	708574	20.0
Hexadecanoic ac...	18.259	68.9	ng	2442130	4	17.625	708574	20.0
Phenanthrene, 1...	18.500	90.9	ng	3221230	4	17.625	708574	20.0
Phenanthrene, 2...	18.553	95.8	ng	3392750	4	17.625	708574	20.0
Anthracene, 1-m...	18.629	44.1	ng	1564080	4	17.625	708574	20.0
4-Bromothiophen...	18.694	120.2	ng	4257070	4	17.625	708574	20.0
Phenanthrene, 4...	18.729	46.6	ng	1650360	4	17.625	708574	20.0
Naphthalene, 2-...	18.982	34.2	ng	1211180	4	17.625	708574	20.0
Phenanthrene, 3...	19.229	29.5	ng	1043620	4	17.625	708574	20.0
di-p-Tolylacety...	19.281	25.9	ng	918122	4	17.625	708574	20.0
9,12-Octadecadi...	19.393	308.4	ng	10925600	4	17.625	708574	20.0
9-Octadecenoic ...	19.422	163.4	ng	5788110	4	17.625	708574	20.0
Methyl stearate	19.546	70.5	ng	2499370	4	17.625	708574	20.0