LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054361.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	281	287	294	rVB2	9932	17060	1.42%	0.198%
2	5.562	365	370	377	rBV	44606	77003	6.42%	0.894%
3	5.985	434	442	450	rVB4	6711	17582	1.47%	0.204%
4	7.172	639	644	649	rBV	27023	45571	3.80%	0.529%
5	7.636	715	723	729	rVB	25634	44292	3.70%	0.514%
6	7.989	777	783	790	rBV2	57464	102200	8.53%	1.186%
7	8.106	799	803	810	rVB2	12527	20746	1.73%	0.241%
8	8.236	819	825	832	rBV	11449	22742	1.90%	0.264%
9	8.371	842	848	853	rVB3	8911	16718	1.39%	0.194%
10	8.776	910	917	920	rBV3	15349	29624	2.47%	0.344%
11	9.105	965	973	975	rBV4	15180	26329	2.20%	0.306%
12	9.152	975	981	992	rVB	125057	246217	20.54%	2.857%
13	9.687	1067	1072	1081	rVB	13774	29585	2.47%	0.343%
14	10.051	1128	1134	1141	rVB	11207	20433	1.70%	0.237%
15	10.198	1152	1159	1167	rVB3	30350	57310	4.78%	0.665%
16	10.433	1193	1199	1205	rVB2	22886	38685	3.23%	0.449%
17	10.797	1250	1261	1266	rBV	80629	175275	14.62%	2.034%
18	10.850	1266	1270	1277	rVB2	47337	88414	7.38%	1.026%
19	11.156	1317	1322	1335	rBV3	14376	28788	2.40%	0.334%
20	11.714	1412	1417	1424	rVB3	11048	20075	1.67%	0.233%
21	11.902	1444	1449	1456	rBV4	9395	16316	1.36%	0.189%
22	11.990	1456	1464	1471	rVB2	40185	70958	5.92%	0.823%
23	12.137	1483	1489	1494	rBV5	8055	16412	1.37%	0.190%
24	12.208	1498	1501	1507	rVB2	12828	20321	1.70%	0.236%
25	12.343	1519	1524	1530	rVB3	24683	45257	3.78%	0.525%
26	12.454	1532	1543	1549	rBV	74600	138310	11.54%	1.605%
27	12.572	1557	1563	1567	rBV5	13571	25784	2.15%	0.299%
28	12.672	1573	1580	1585	rBV	52580	107249	8.95%	1.245%
29	12.971	1623	1631	1636	rBV8	10101	23577	1.97%	0.274%
30	13.248	1670	1678	1685	rVB	406401	647194	54.00%	7.511%
31	13.453	1706	1713	1721	rBV5	31272	64271	5.36%	0.746%
32	13.565	1725	1732	1738	rVV2	28154	50050	4.18%	0.581%
33	13.653	1744	1747	1756	rVB4	15231	34389	2.87%	0.399%
34	13.788	1763	1770	1780	rBV3	28893	79463	6.63%	0.922%
35	13.947	1786	1797	1802	rBV	45021	100903	8.42%	1.171%
36	14.000	1802	1806	1813	rVB3	34737	62354	5.20%	0.724%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.182	1826	1837	1841	rBV5	22633	63864	5.33%	0.741%
38	14.352	1857	1866	1872	rBV3	14445	27466	2.29%	0.319%
39	14.517	1890	1894	1900	rVB2	33198	46819	3.91%	0.543%
40	14.628	1901	1913	1919	rBV	155684	278372	23.23%	3.231%
41	14.834	1943	1948	1957	rBV3	11811	29140	2.43%	0.338%
42	14.969	1965	1971	1976	rBV	28601	42517	3.55%	0.493%
43	15.022	1976	1980	1988	rVB4	18599	33895	2.83%	0.393%
44	15.098	1988	1993	1996	rBV3	13226	23116	1.93%	0.268%
45	15.245	2013	2018	2023	rBV	13666	25133	2.10%	0.292%
46	15.292	2023	2026	2031	rVB2	12831	19777	1.65%	0.230%
47	15.416	2040	2047	2050	rBV4	7842	17245	1.44%	0.200%
48	15.468	2050	2056	2066	rVB3	39985	82577	6.89%	0.958%
49	15.627	2079	2083	2087	rBV	21867	27100	2.26%	0.314%
50	15.797	2102	2112	2115	rBV3	17455	29511	2.46%	0.342%
51	15.874	2122	2125	2130	rVB4	14510	21406	1.79%	0.248%
52	16.115	2156	2166	2175	rBV2	256718	412583	34.42%	4.788%
53	16.326	2195	2202	2212	rVB4	38847	93423	7.79%	1.084%
54	16.620	2246	2252	2255	rBV2	20186	32040	2.67%	0.372%
55	16.673	2259	2261	2266	rVV6	12379	21546	1.80%	0.250%
56	16.726	2266	2270	2275	rVB2	19750	31018	2.59%	0.360%
57	16.873	2290	2295	2298	rBV	29134	54203	4.52%	0.629%
58	17.119	2332	2337	2341	rBV	39752	52198	4.36%	0.606%
59	17.172	2342	2346	2350	rVB5	14675	23365	1.95%	0.271%
60	17.372	2374	2380	2384	rBV	216976	339548	28.33%	3.940%
61	17.413	2384	2387	2393	rVV	59656	96101	8.02%	1.115%
62	17.495	2397	2401	2407	rVV2	10999	21793	1.82%	0.253%
63	17.584	2413	2416	2426	rVB2	16945	34633	2.89%	0.402%
64	17.736	2437	2442	2447	rBV	54036	87394	7.29%	1.014%
65	17.860	2459	2463	2469	rVB	35734	49770	4.15%	0.578%
66	17.942	2469	2477	2480	rBV9	8041	20904	1.74%	0.243%
67	18.030	2488	2492	2494	rBV2	20270	24573	2.05%	0.285%
68	18.071	2494	2499	2509	rVB	221284	334100	27.87%	3.877%
69	18.253	2524	2530	2534	rBV2	60577	111894	9.34%	1.299%
70	18.295	2534	2537	2543	rVB2	70458	101602	8.48%	1.179%
71	18.436	2556	2561	2565	rBV2	26395	41053	3.43%	0.476%
72	18.477	2565	2568	2575	rVB	23857	35415	2.95%	0.411%
73	18.547	2575	2580	2584	rBV2	31491	42275	3.53%	0.491%
74	18.700	2599	2606	2610	rBV7	11021	18893	1.58%	0.219%
75	18.988	2648	2655	2659	rBV2	25954	45948	3.83%	0.533%
76	19.041	2659	2664	2667	rVV2	33512	51651	4.31%	0.599%

LSC Area Percent Report

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Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.076	2667	2670	2675	rVB2	22294	30388	2.54%	0.353%
78	19.164	2675	2685	2689	rBV3	62015	151917	12.67%	1.763%
79	19.199	2689	2691	2697	rVB5	35332	51018	4.26%	0.592%
80	19.299	2704	2708	2716	rVB4	17465	36820	3.07%	0.427%
81	19.417	2724	2728	2733	rVB5	9616	16368	1.37%	0.190%
82	19.528	2743	2747	2752	rVB8	17997	27499	2.29%	0.319%
83	19.664	2766	2770	2773	rBV5	13226	20826	1.74%	0.242%
84	19.699	2773	2776	2782	rVV7	14044	27101	2.26%	0.315%
85	19.752	2782	2785	2789	rVV2	41749	63358	5.29%	0.735%
86	19.805	2789	2794	2799	rVV4	34363	73063	6.10%	0.848%
87	19.857	2799	2803	2809	rVB	25576	39791	3.32%	0.462%
88	19.981	2818	2824	2829	rVB	948537	1198566	100.00%	13.909%
89	20.139	2847	2851	2857	rVB6	14174	22112	1.84%	0.257%
90	20.280	2866	2875	2879	rBV5	25874	56565	4.72%	0.656%
91	20.521	2912	2916	2921	rVB	26084	35321	2.95%	0.410%
92	20.615	2929	2932	2936	rVB3	18233	27117	2.26%	0.315%
93	20.774	2957	2959	2963	rVB4	14695	17270	1.44%	0.200%
94	21.068	3006	3009	3017	rVB3	16123	31885	2.66%	0.370%
95	21.273	3040	3044	3050	rVB3	54561	82825	6.91%	0.961%
96	21.391	3060	3064	3069	rBV4	34154	51523	4.30%	0.598%
97	21.638	3100	3106	3114	rVB	263100	444892	37.12%	5.163%
98	22.425	3236	3240	3245	rBV8	11660	24231	2.02%	0.281%
99	23.295	3380	3388	3395	rVB6	18586	44769	3.74%	0.520%
100	24.840	3641	3651	3660	rVB2	161128	468353	39.08%	5.435%

Sum of corrected areas: 8616896

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
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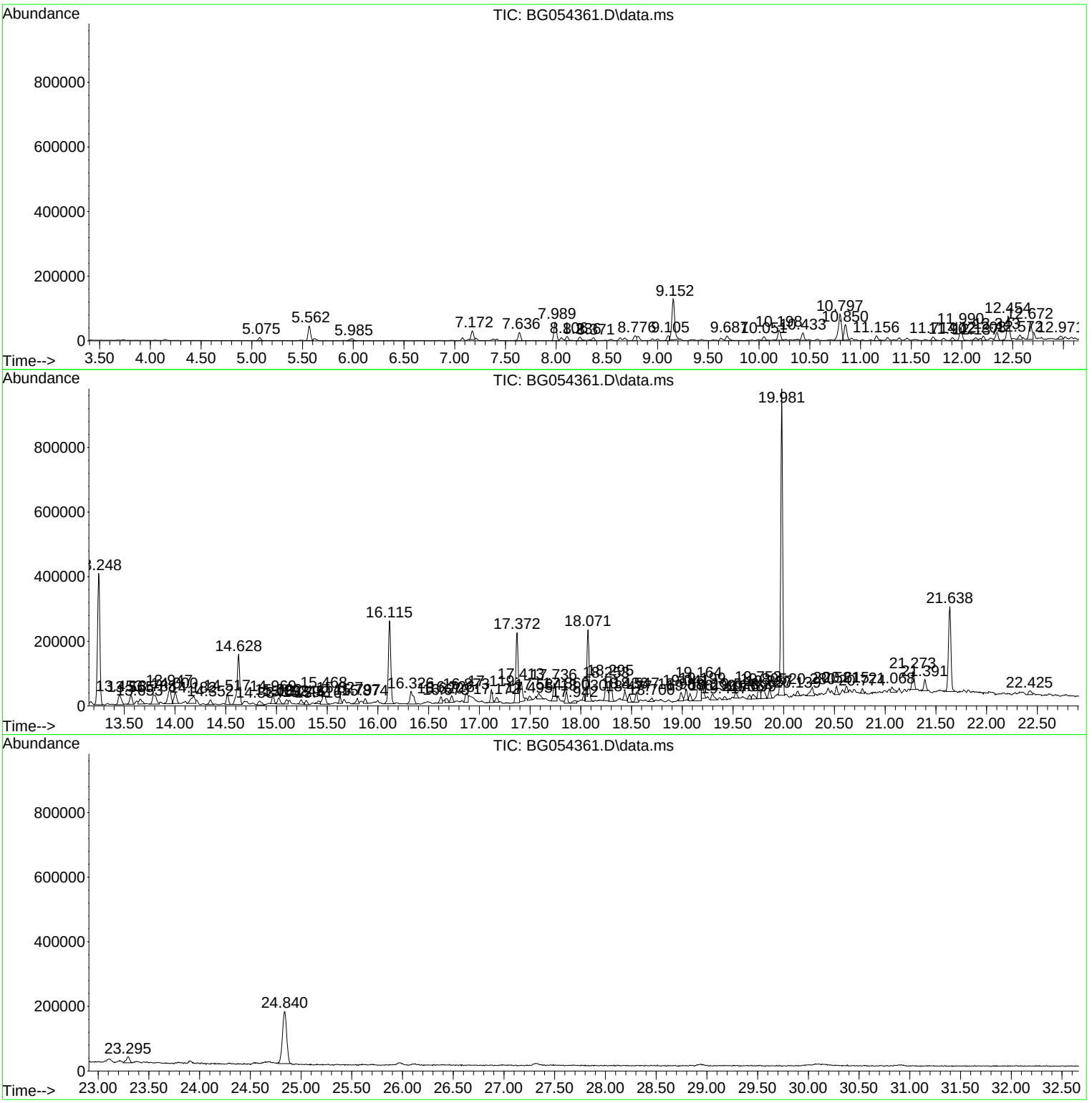
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

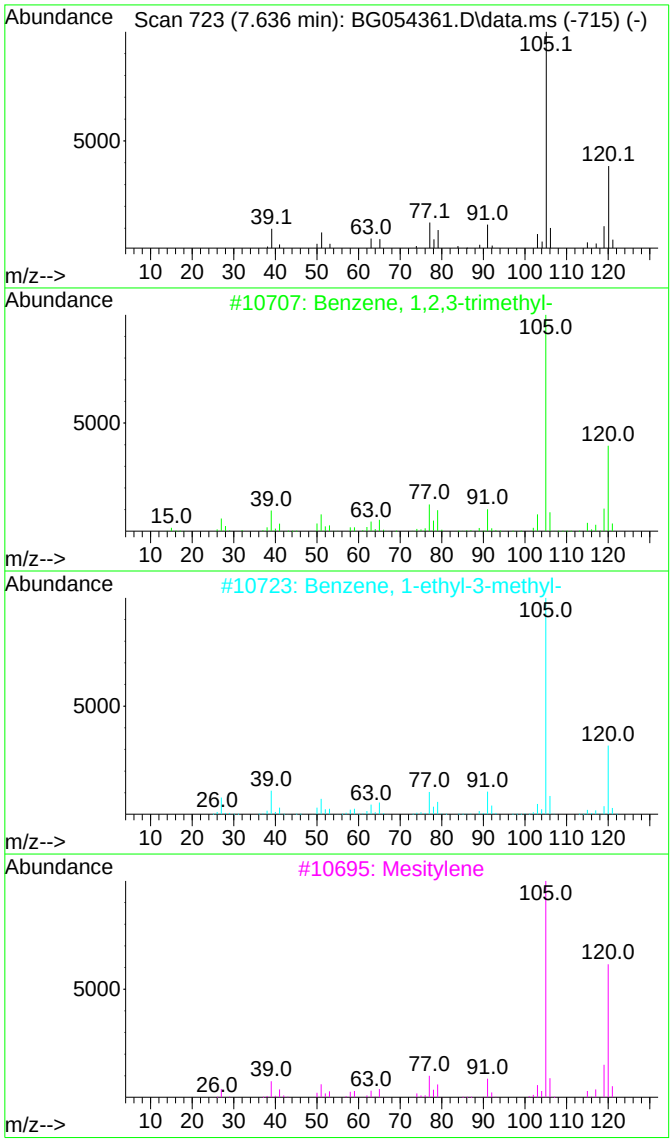
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

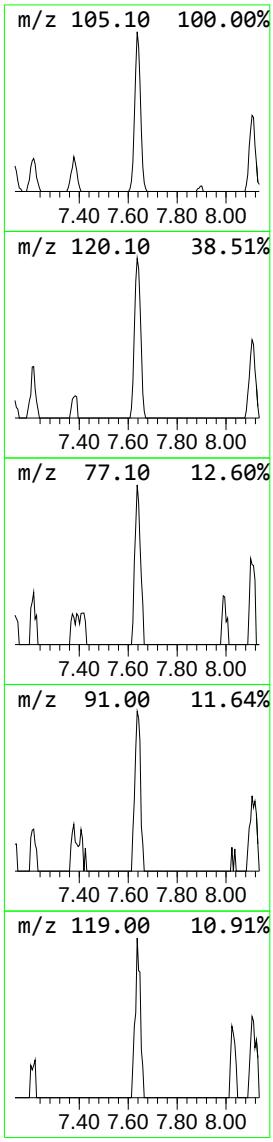
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.636	8.67 ng	44292	1,4-Dichlorobenzene-d4	7.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

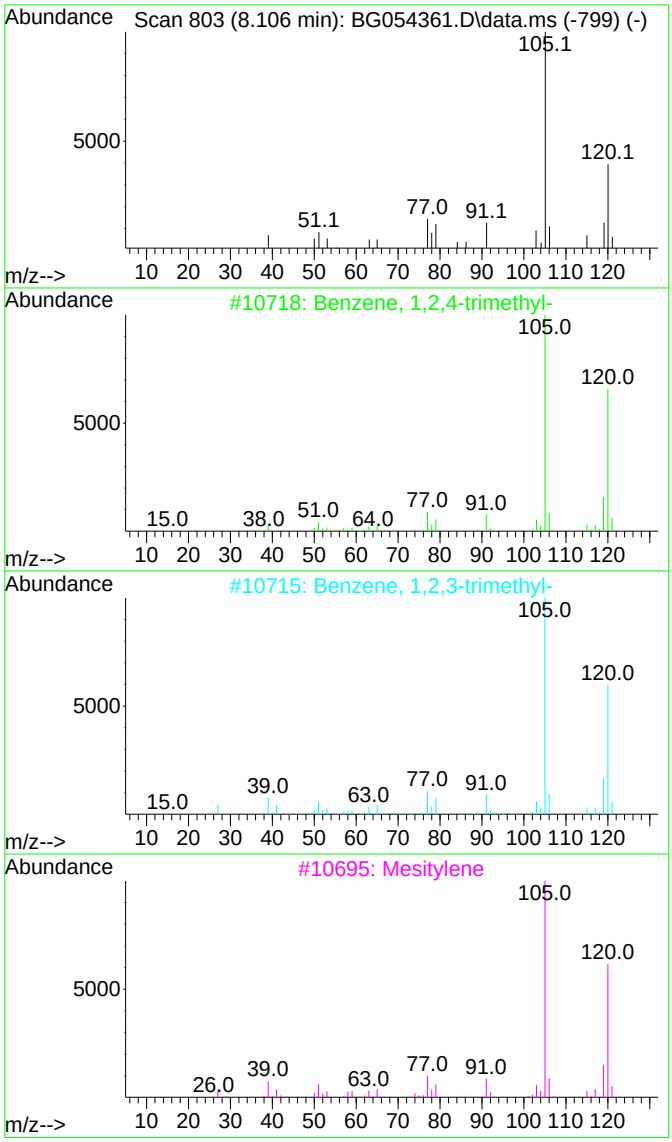
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

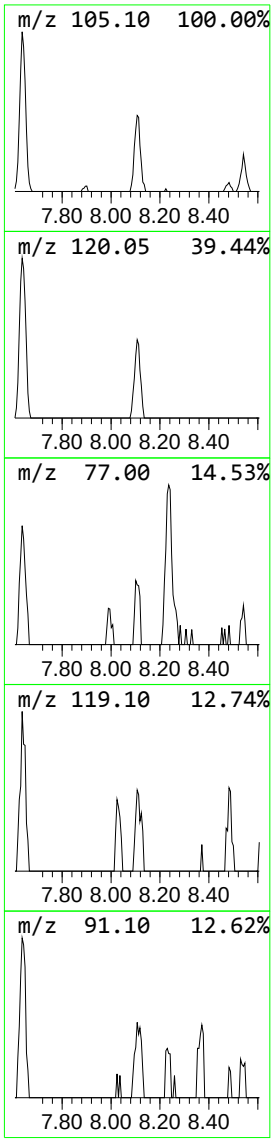
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.106	4.06 ng	20746	1,4-Dichlorobenzene-d4	7.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
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Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

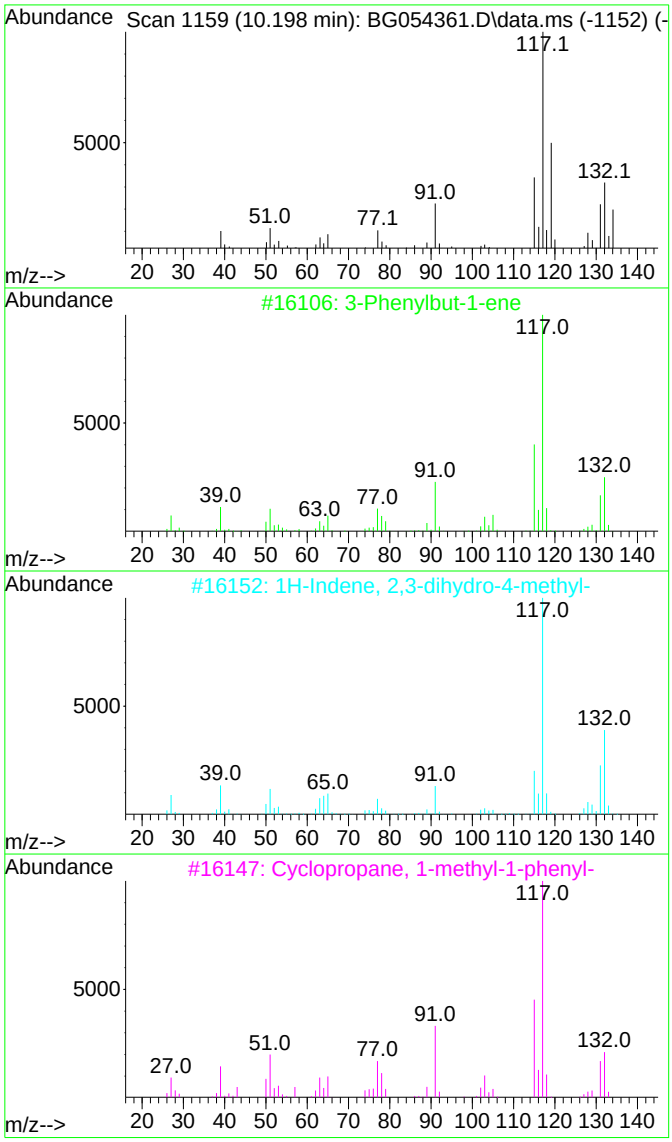
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

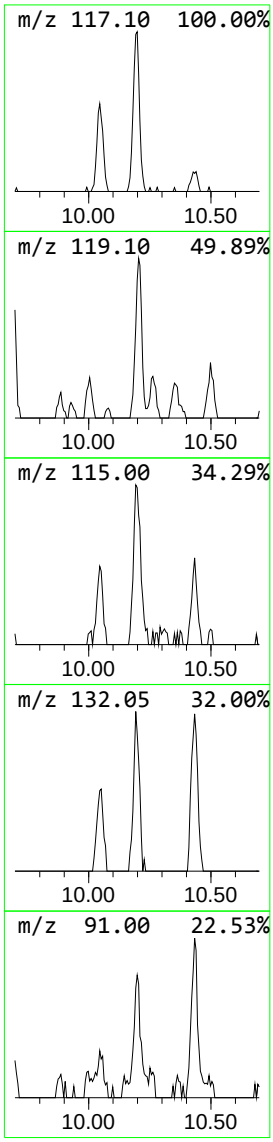
****

Peak Number 3 3-Phenylbut-1-ene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	6.54 ng	57310	Naphthalene-d8	10.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
3	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	60
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	58
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

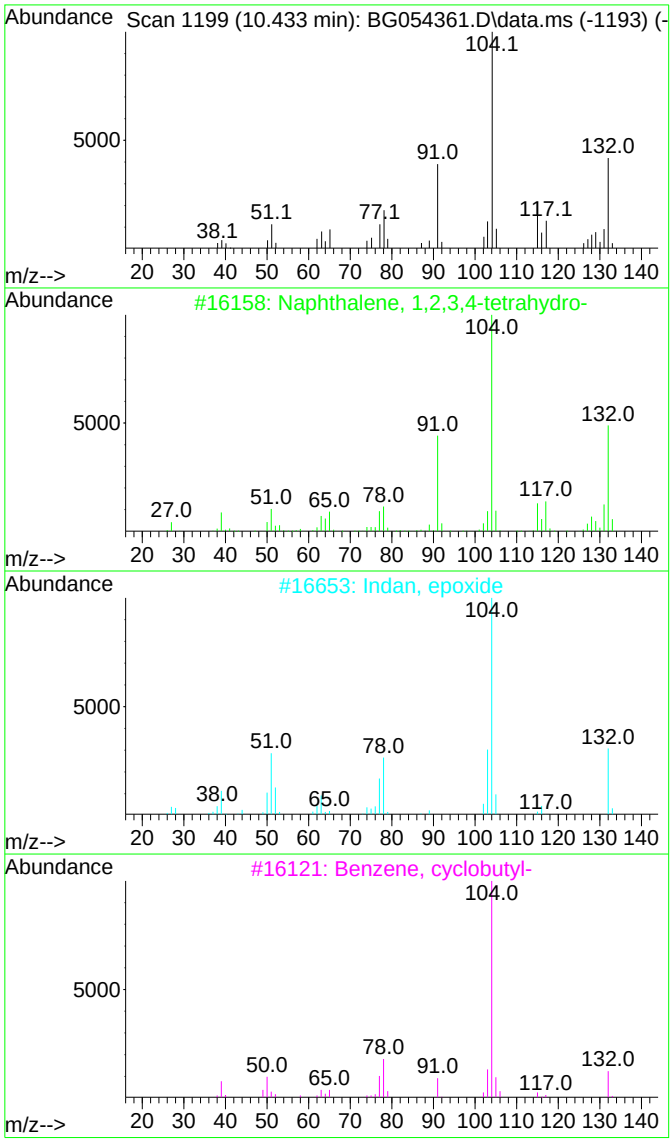
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

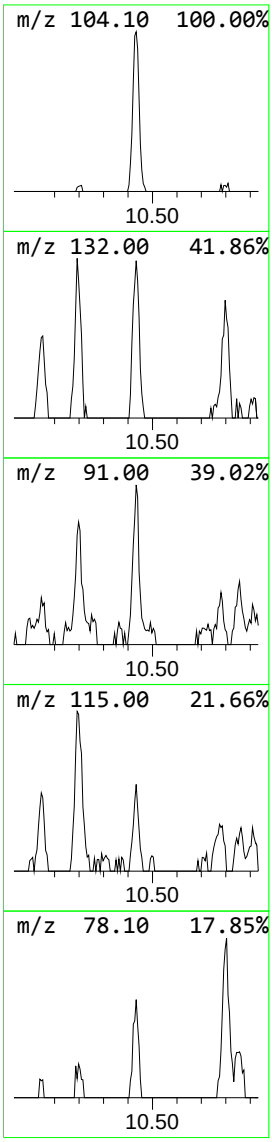
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.433	4.41 ng	38685	Naphthalene-d8	10.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2	Indan, epoxide	132	C9H8O	000768-22-9	58
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

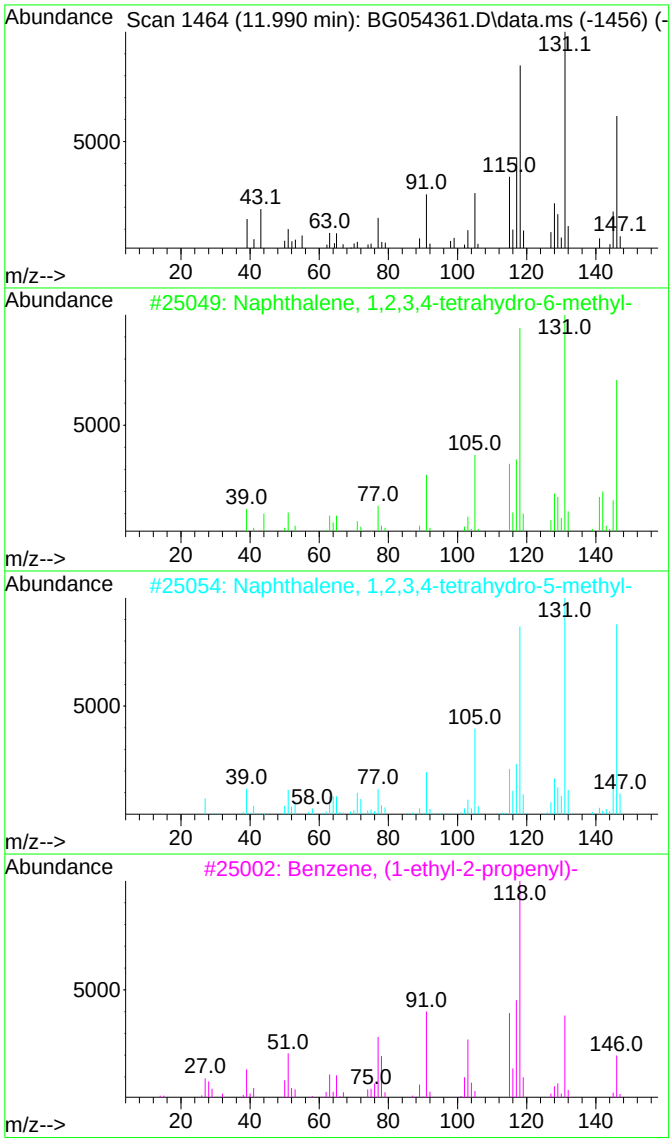
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

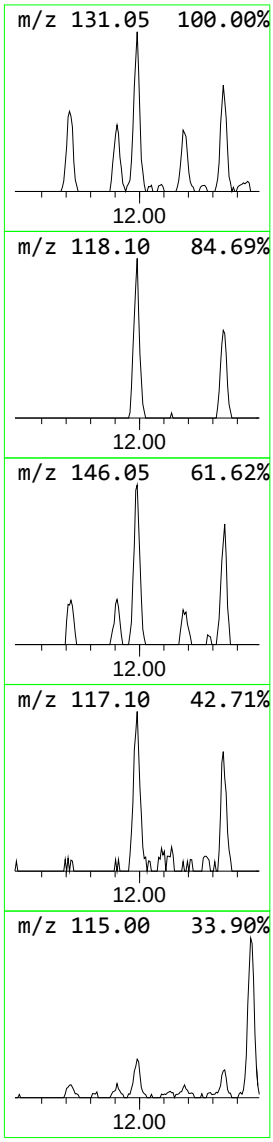
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.990	8.10 ng	70958	Naphthalene-d8	10.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
4	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	68
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55





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Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-N48964

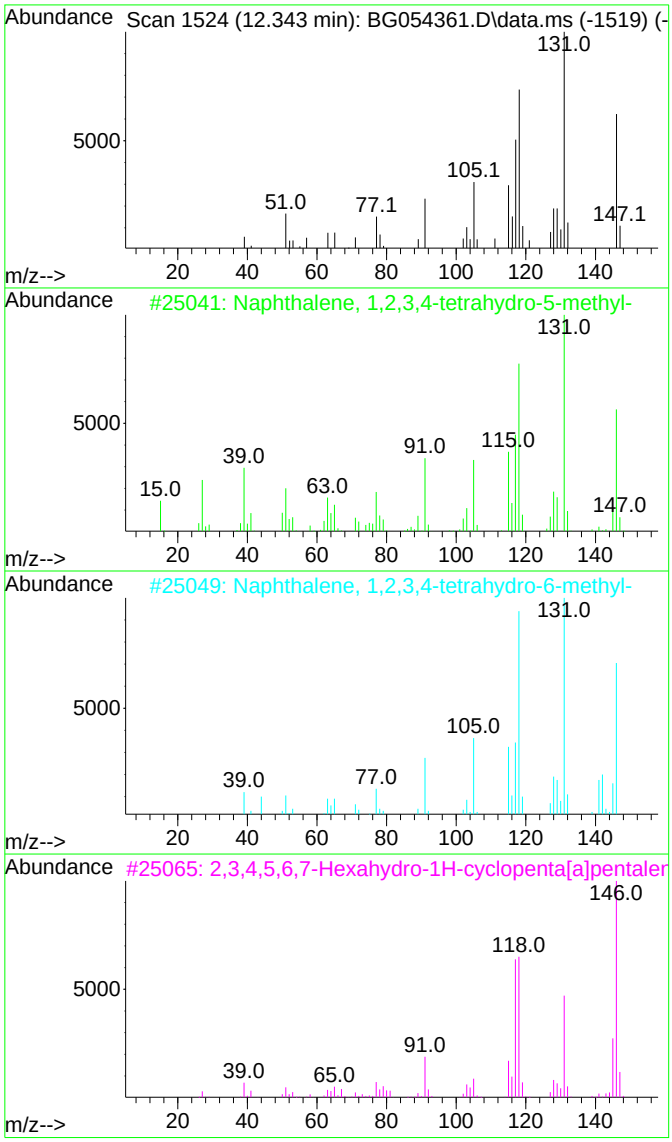
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

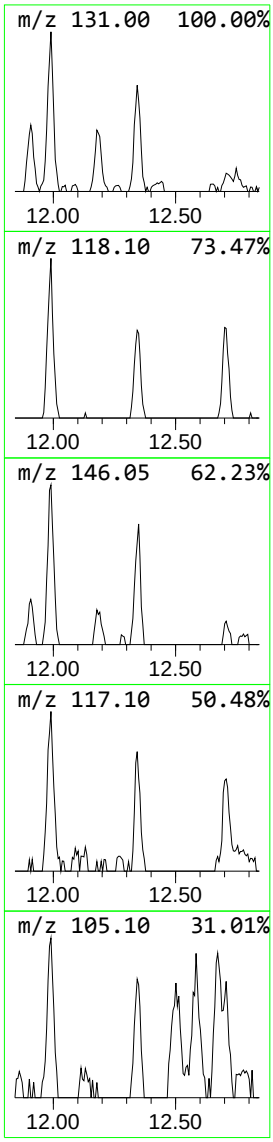
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.343	5.16 ng	45257	Naphthalene-d8	10.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	87
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55





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Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

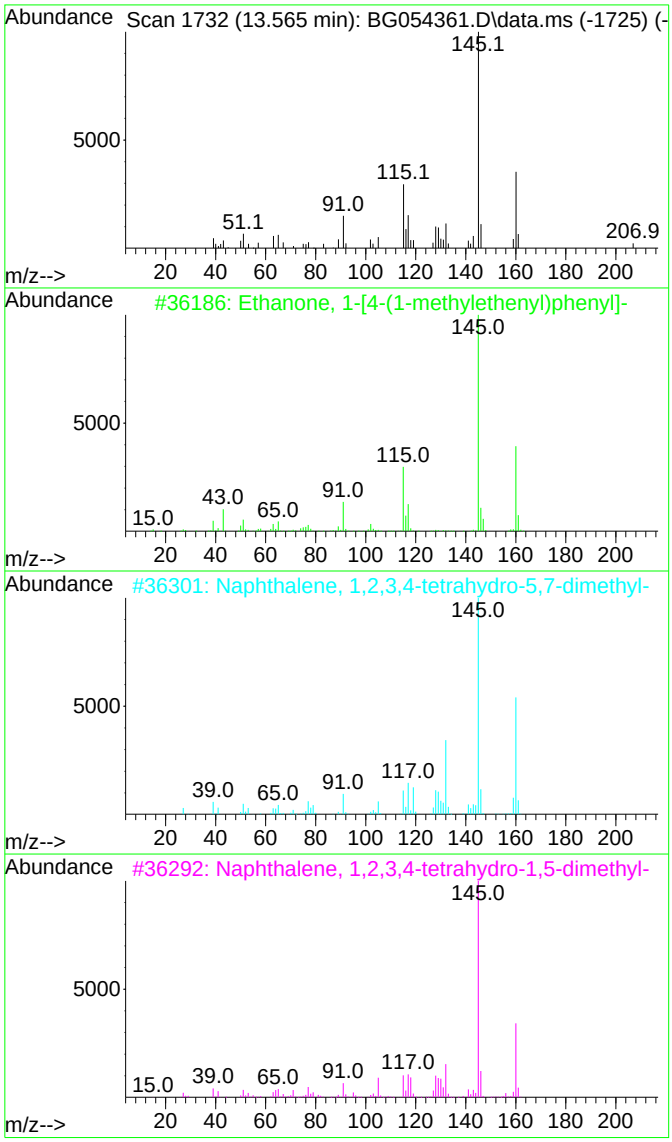
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

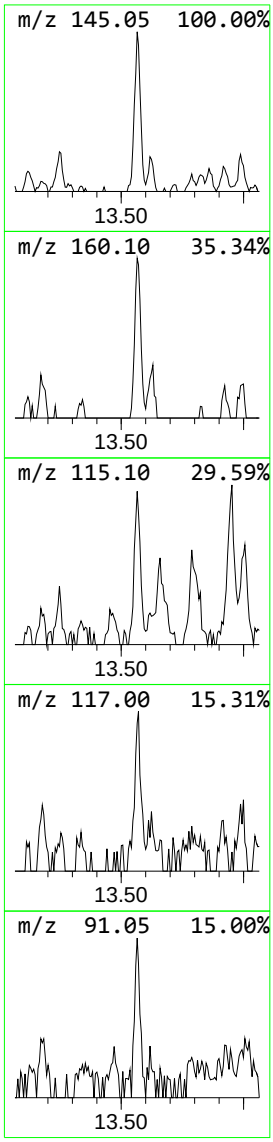
****

Peak Number 8 Ethanone, 1-[4-(1-methyleth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.565	3.60 ng	50050	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	81





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Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

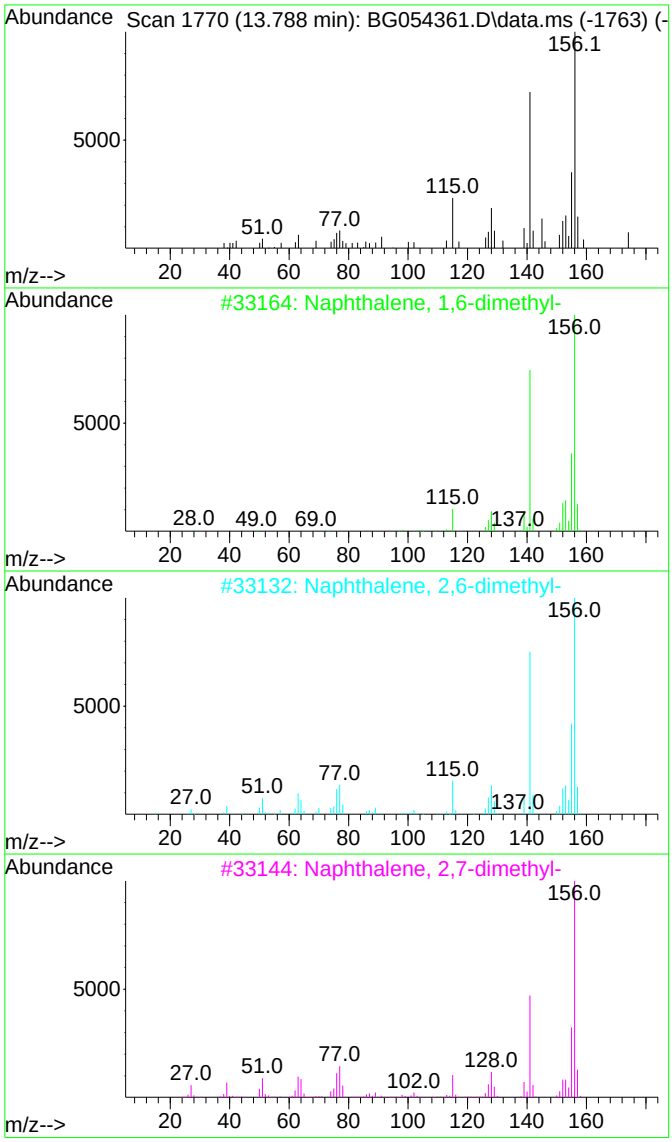
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

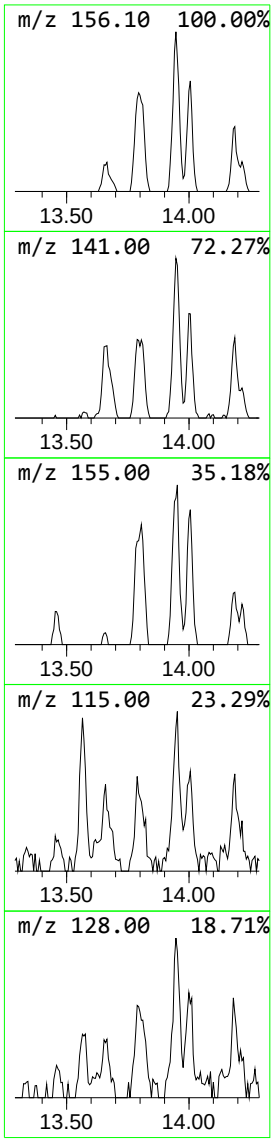
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.788	5.71 ng	79463	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

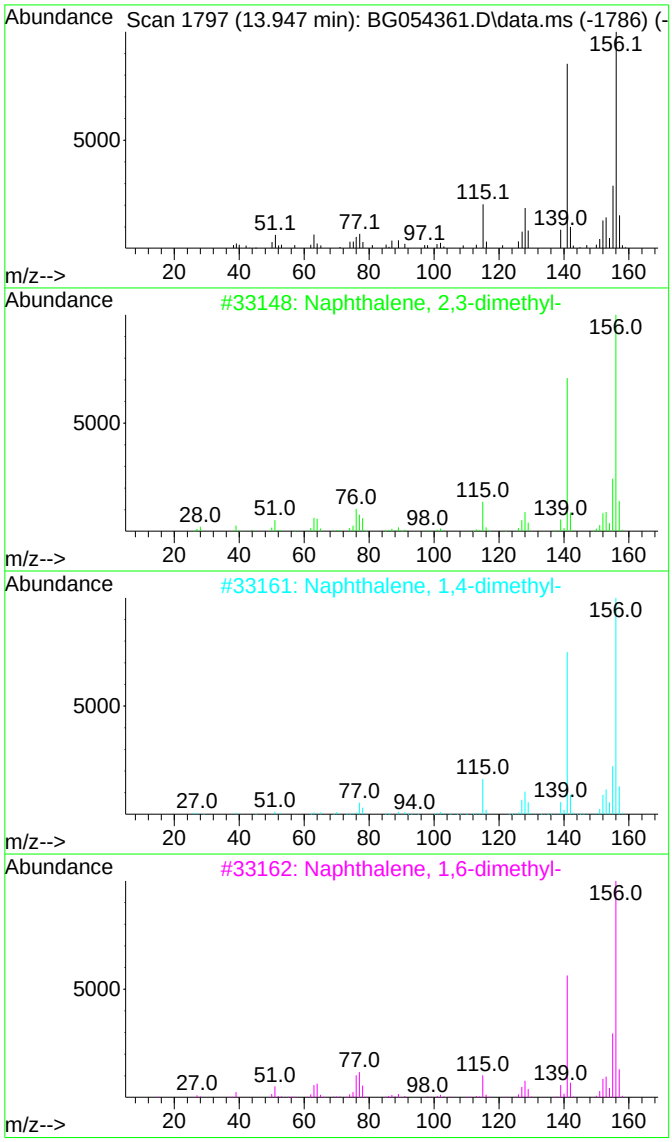
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

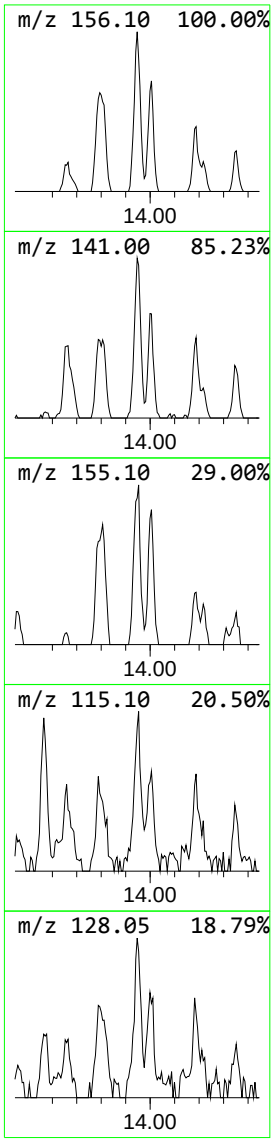
****

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.947	7.25 ng	100903	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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

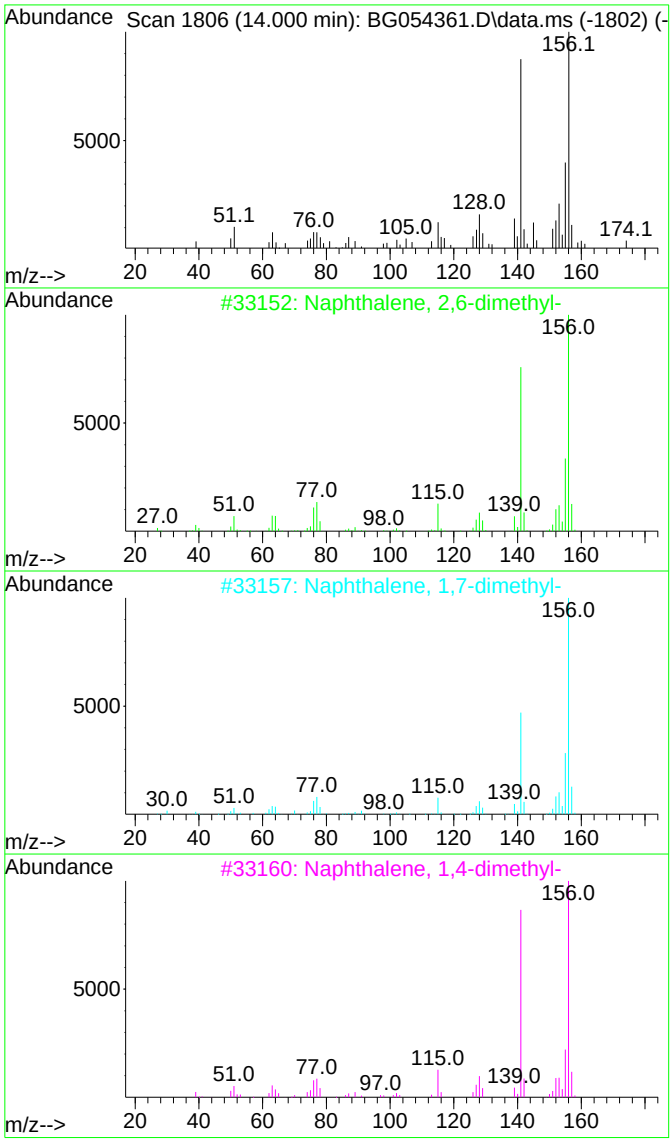
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

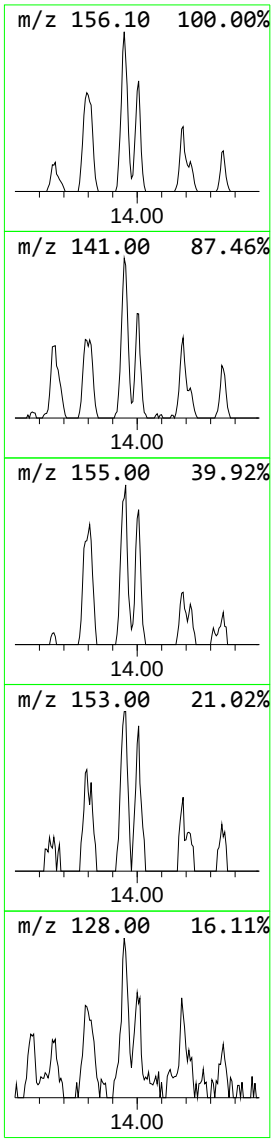
****

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.000	4.48 ng	62354	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-N48964

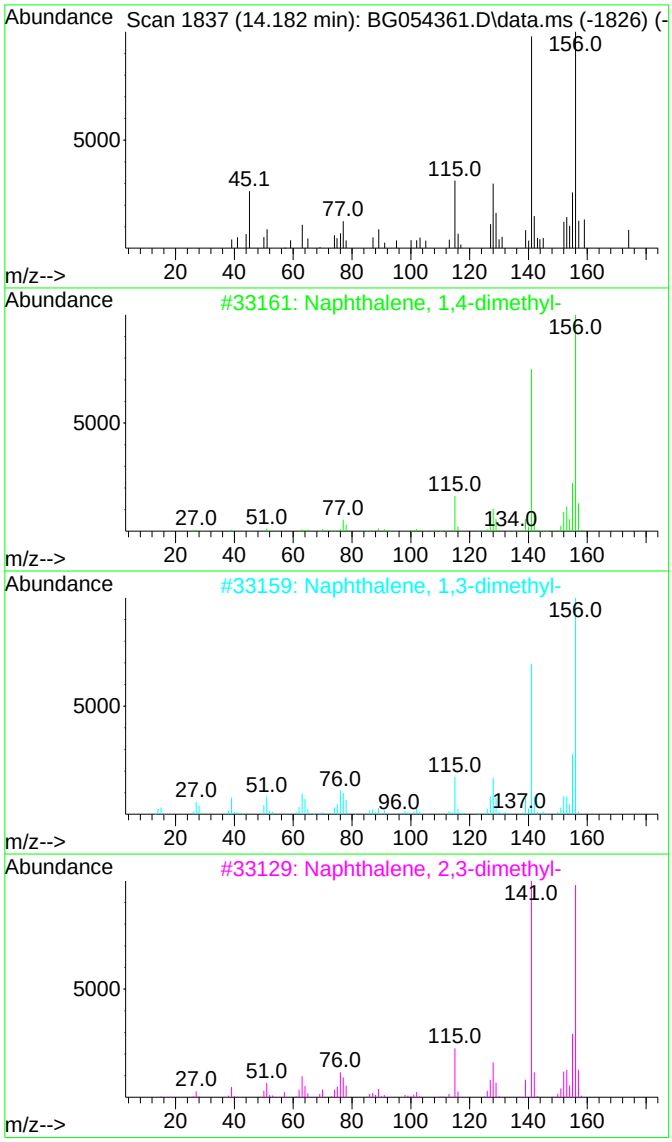
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

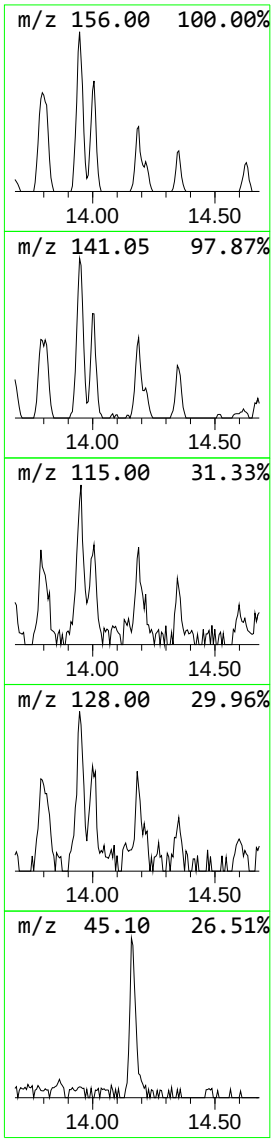
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.182	4.59 ng	63864	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	87





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Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

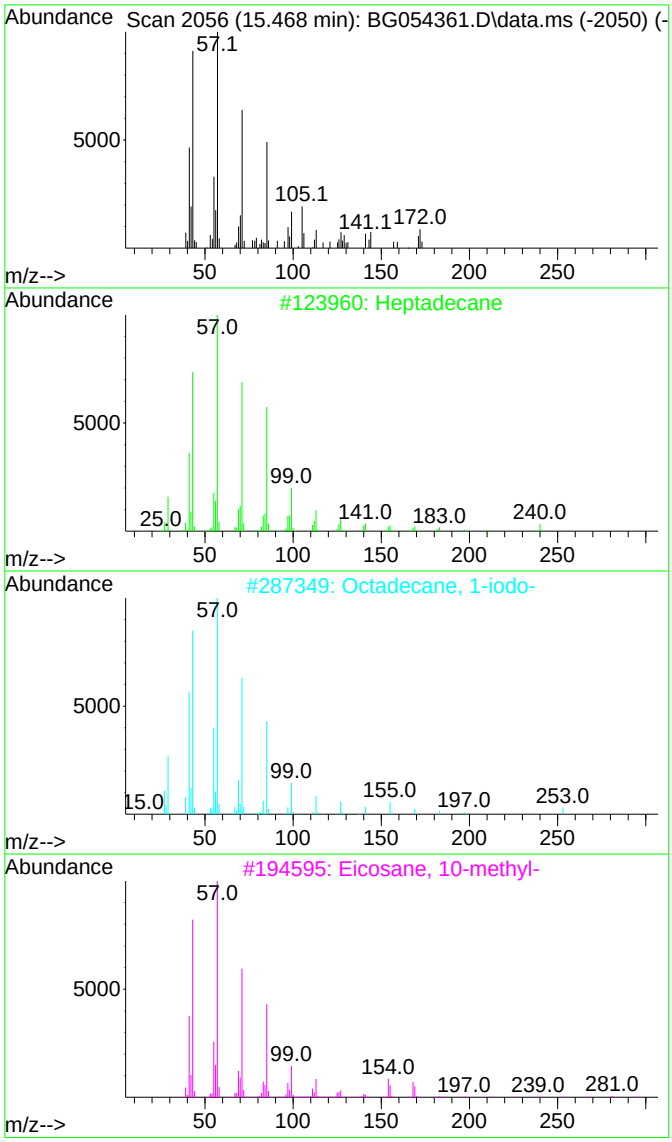
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

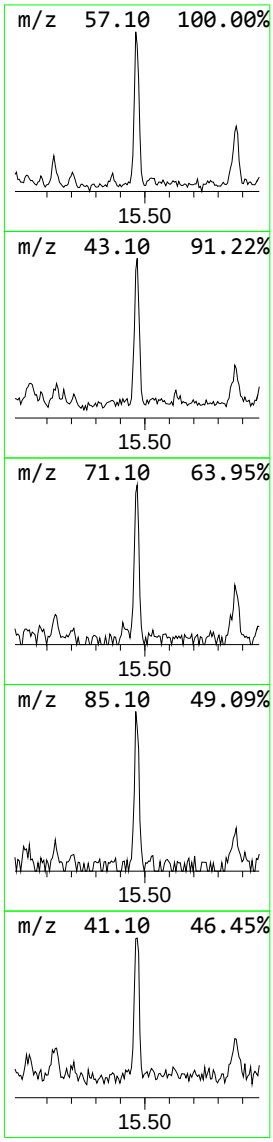
****

Peak Number 13 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.468	5.93 ng	82577	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	58
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	53
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
4	Heptacosane	380	C27H56	000593-49-7	52
5	Hexacosane	366	C26H54	000630-01-3	52





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Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

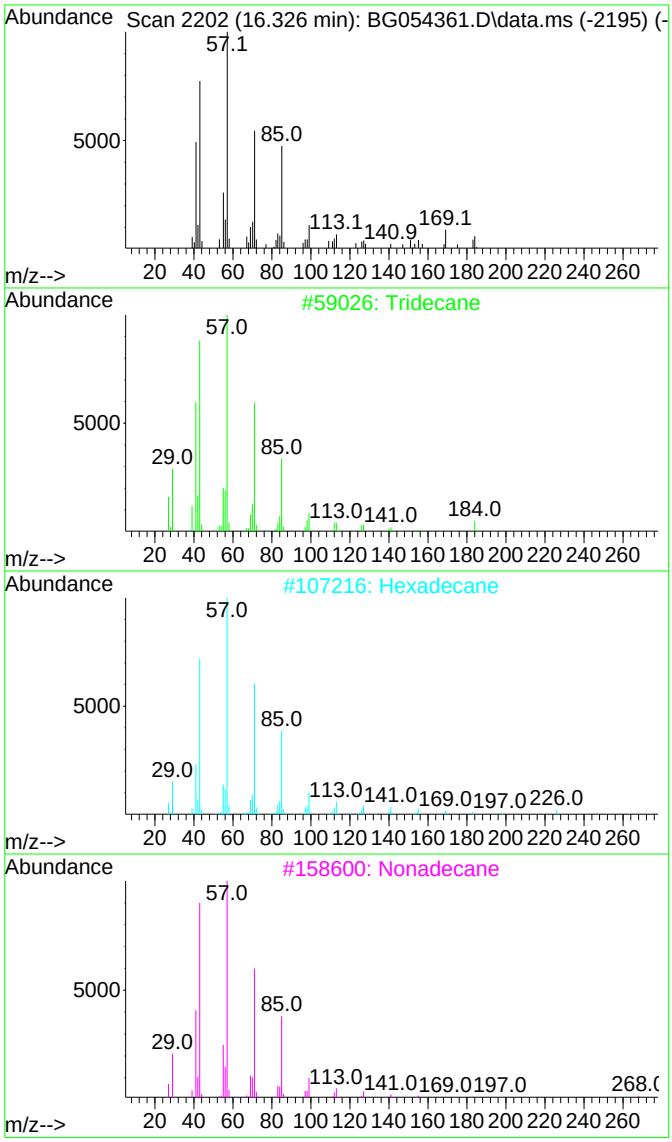
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

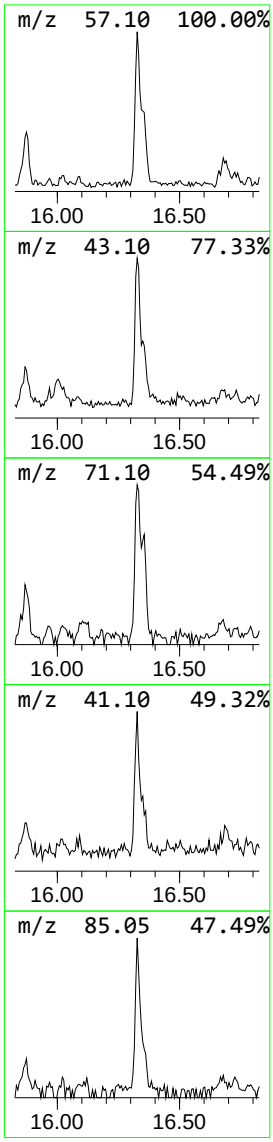
****

Peak Number 14 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.326	5.50 ng	93423	Phenanthrene-d10	17.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	86
3	Nonadecane	268	C19H40	000629-92-5	83
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	80
5	Tetradecane	198	C14H30	000629-59-4	72





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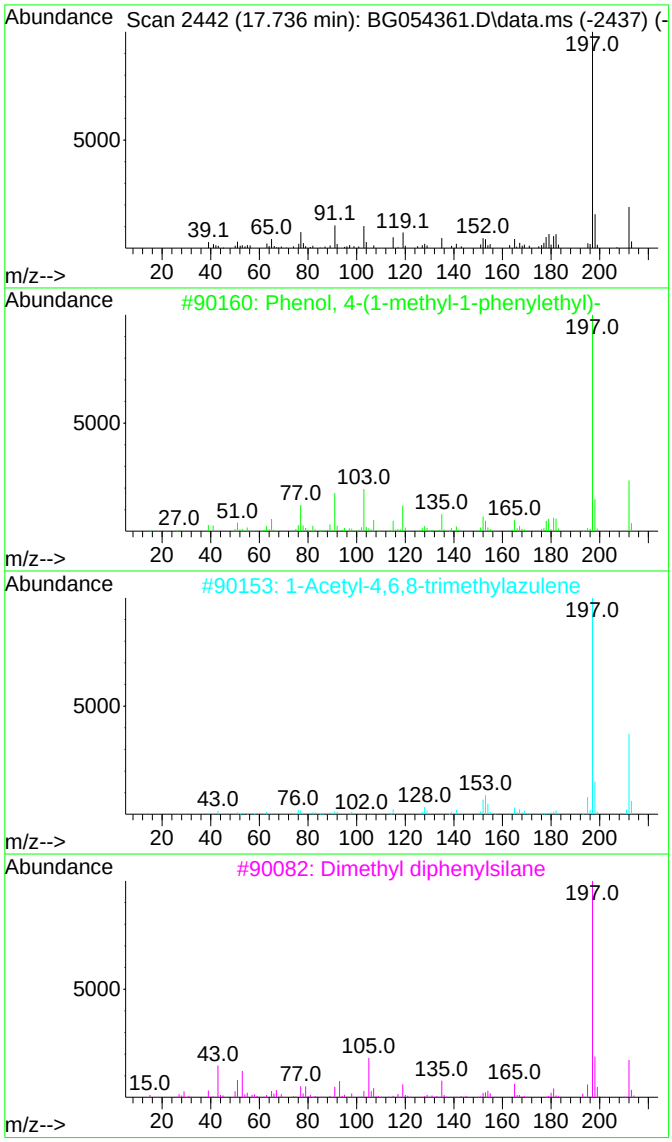
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

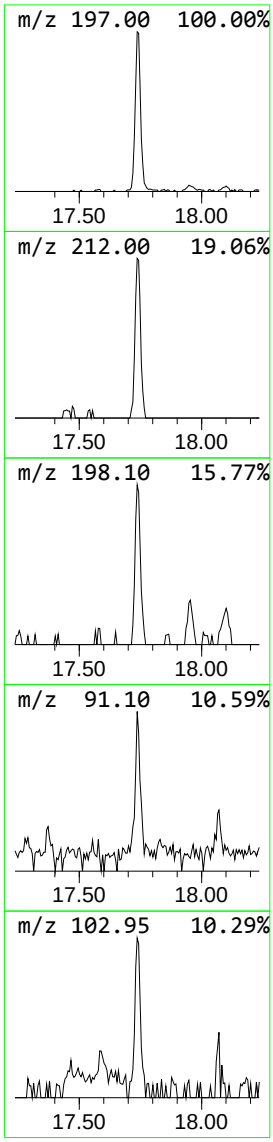
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.736	5.15 ng	87394	Phenanthrene-d10	17.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	94
2	1-Acetyl-4,6,8-trimethylazulene	212	C15H16O	000834-97-9	74
3	Dimethyl diphenylsilane	212	C14H16Si	000778-24-5	74
4	1,4-di-iso-propylnaphthalene	212	C16H20	1000374-05-7	64
5	Benzo[d,E]isocoumarin, 3,3-dimet...	212	C14H12O2	005723-17-1	64





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
FRAC-TANK-N48964

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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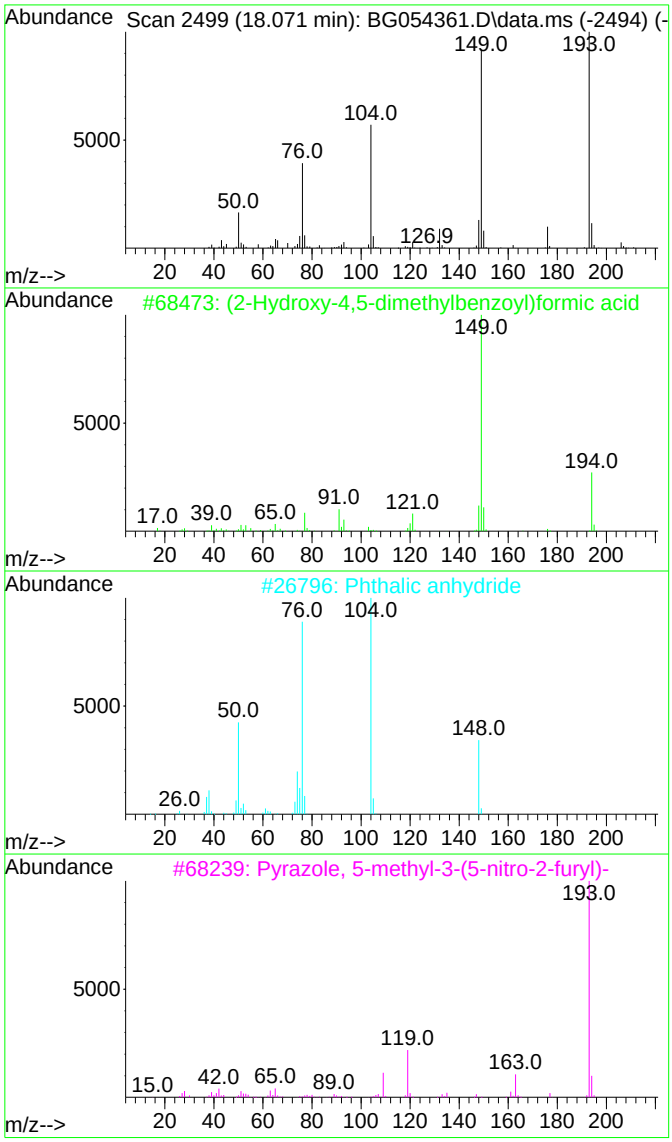
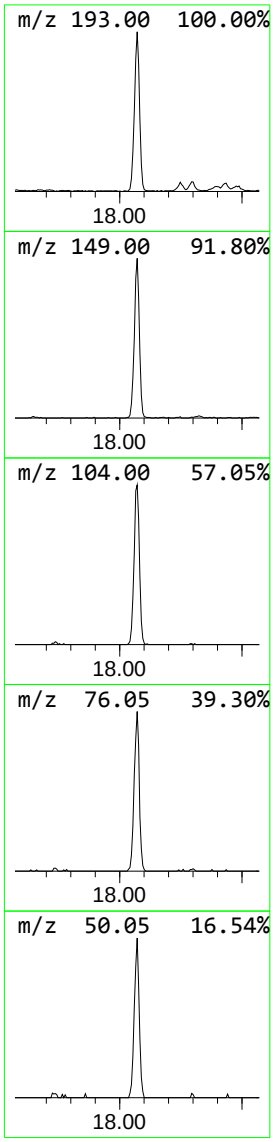
Peak Number 16 unknown18.071 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.071	19.68 ng	334100	Phenanthrene-d10	17.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2-Hydroxy-4,5-dimethylbenzoyl)f...	194	C10H10O4	1000241-63-9	22
2	Phthalic anhydride	148	C8H4O3	000085-44-9	18
3	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	18
4	Phthalic acid, 5-methylhex-2-yl ...	292	C17H24O4	1000371-09-3	14
5	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	14





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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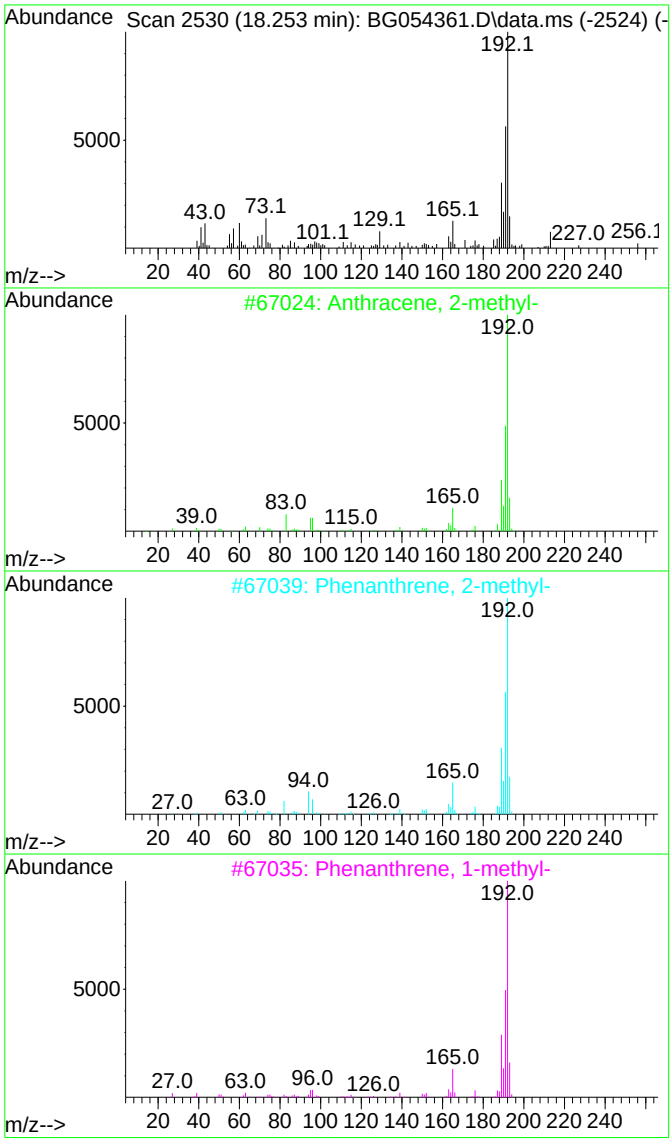
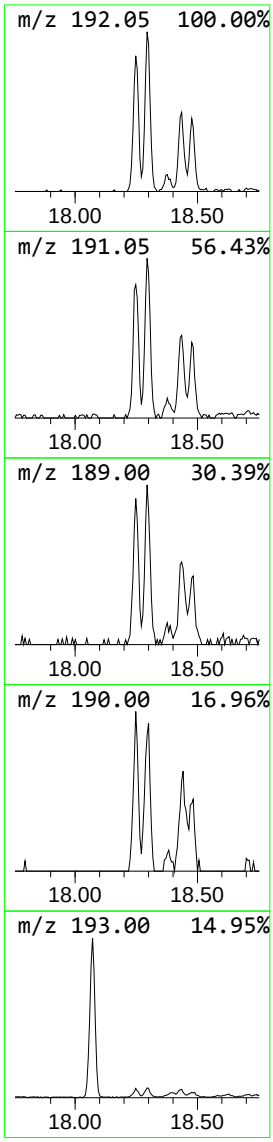
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.253	6.59 ng	111894	Phenanthrene-d10	17.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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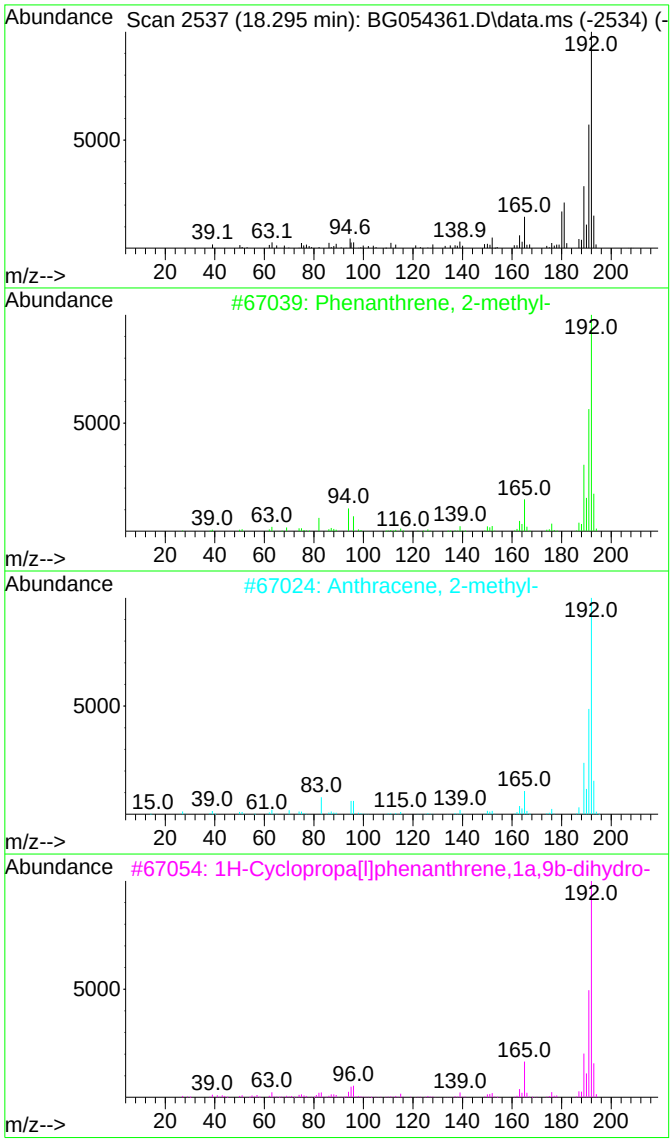
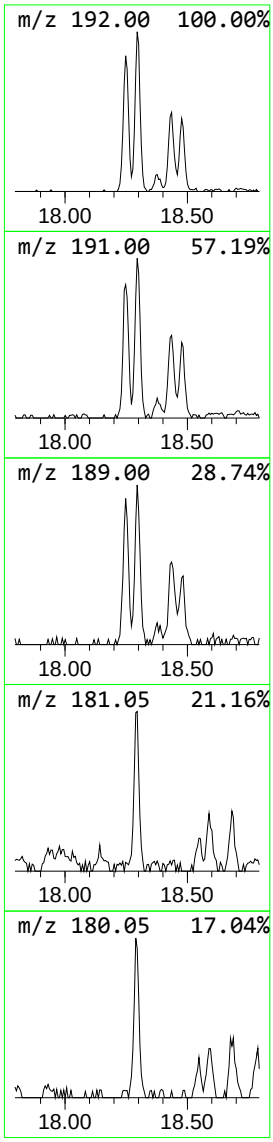
Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.294	5.98 ng	101602	Phenanthrene-d10	17.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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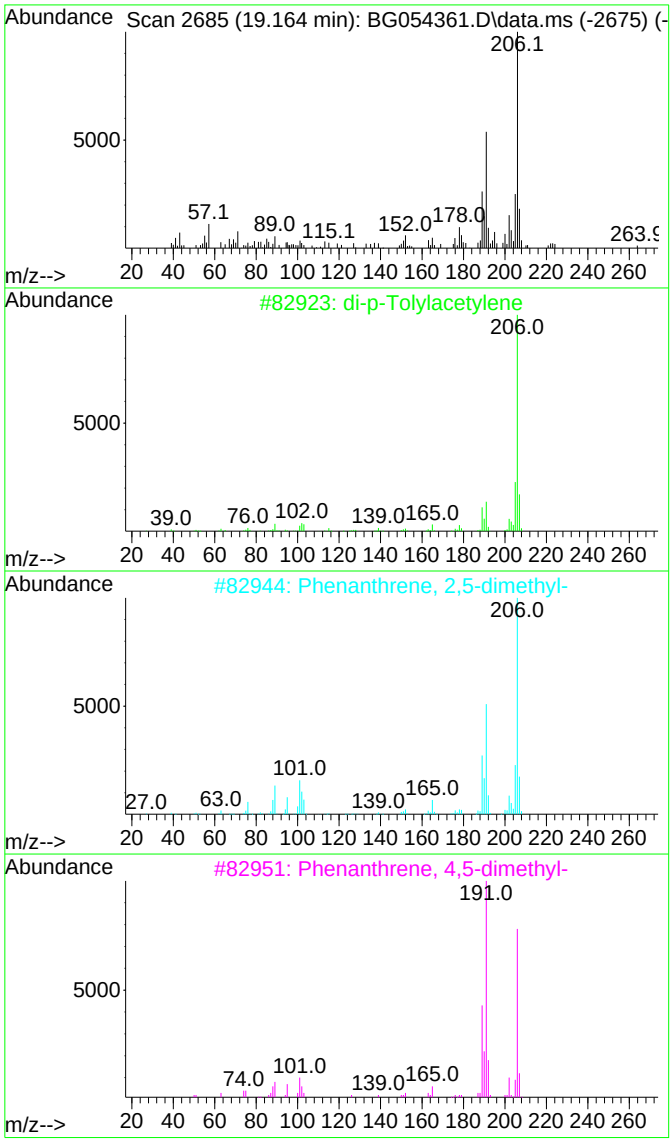
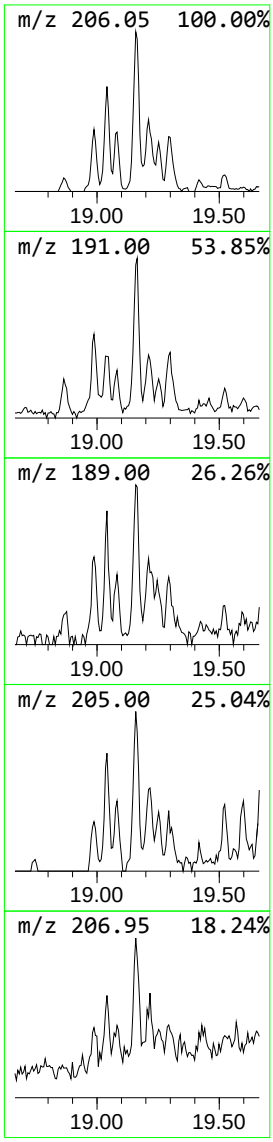
Peak Number 19 di-p-Tolylacetylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.164	8.95 ng	151917	Phenanthrene-d10	17.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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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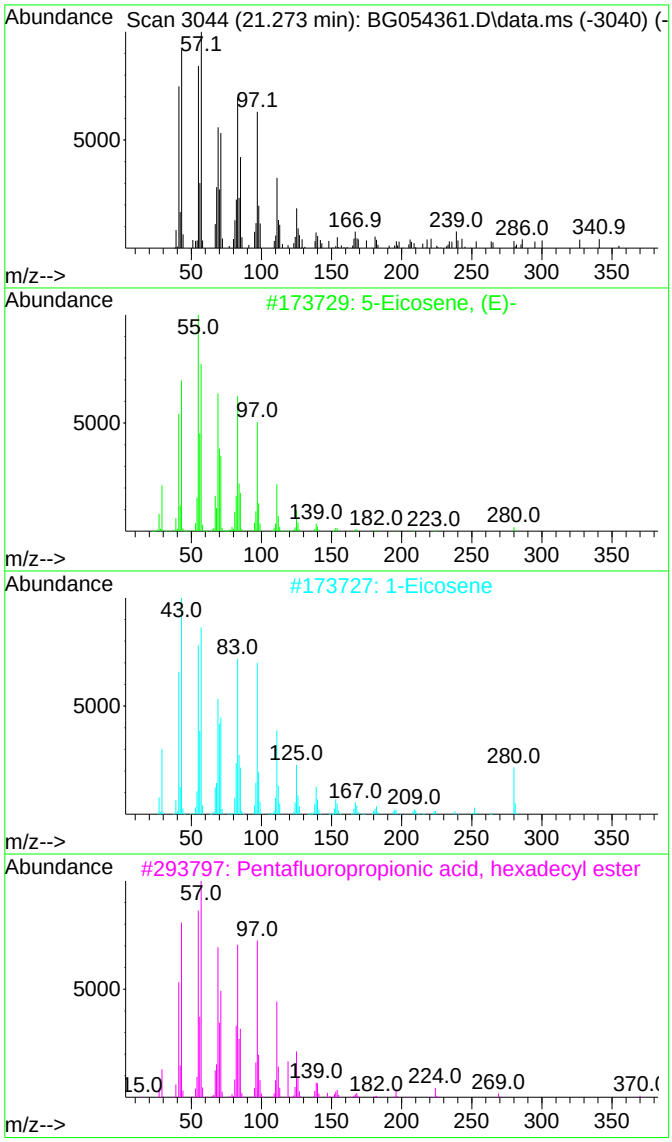
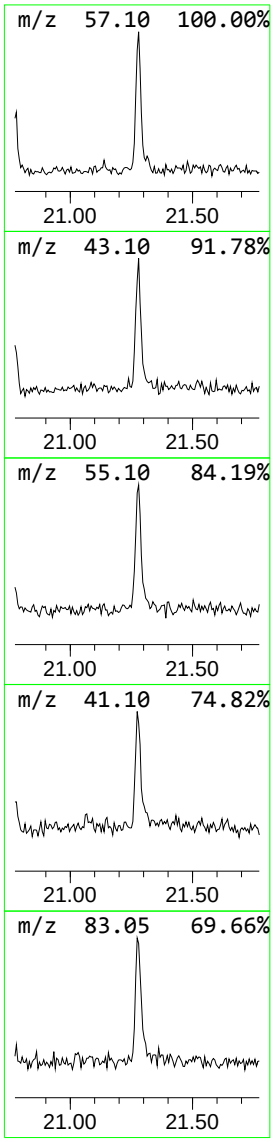
Peak Number 20 5-Eicosene, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.273	3.72 ng	82825	Chrysene-d12	21.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
2	1-Eicosene	280	C20H40	003452-07-1	93
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	1-Hexacosene	364	C26H52	018835-33-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054361.D
Acq On : 22 Jul 2022 15:50
Operator : CG/JU
Sample : N3806-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-N48964

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-...	7.636	8.7	ng	44292	1	7.989	102200	20.0
Benzene, 1,2,4-...	8.106	4.1	ng	20746	1	7.989	102200	20.0
3-Phenylbut-1-ene	10.198	6.5	ng	57310	2	10.803	175275	20.0
Naphthalene, 1,...	10.433	4.4	ng	38685	2	10.803	175275	20.0
Naphthalene, 1,...	11.990	8.1	ng	70958	2	10.803	175275	20.0
Naphthalene, 1,...	12.343	5.2	ng	45257	2	10.803	175275	20.0
Ethanone, 1-[4-...	13.565	3.6	ng	50050	3	14.628	278372	20.0
Naphthalene, 1,...	13.788	5.7	ng	79463	3	14.628	278372	20.0
Naphthalene, 2,...	13.947	7.3	ng	100903	3	14.628	278372	20.0
Naphthalene, 2,...	14.000	4.5	ng	62354	3	14.628	278372	20.0
Naphthalene, 1,...	14.182	4.6	ng	63864	3	14.628	278372	20.0
Heptadecane	15.468	5.9	ng	82577	3	14.628	278372	20.0
Tridecane	16.326	5.5	ng	93423	4	17.372	339548	20.0
Phenol, 4-(1-me...	17.736	5.2	ng	87394	4	17.372	339548	20.0
unknown18.071	18.071	19.7	ng	334100	4	17.372	339548	20.0
Anthracene, 2-m...	18.253	6.6	ng	111894	4	17.372	339548	20.0
Phenanthrene, 2...	18.294	6.0	ng	101602	4	17.372	339548	20.0
di-p-Tolylacety...	19.164	8.9	ng	151917	4	17.372	339548	20.0
5-Eicosene, (E)-	21.273	3.7	ng	82825	5	21.638	444892	20.0