LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061164.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.055	6	11	22	rBV	60772	114250	8.17%	0.701%
2	3.149	22	27	38	rVB	227912	362351	25.90%	2.223%
3	3.672	107	116	122	rBV3	19002	33463	2.39%	0.205%
4	4.048	174	180	187	rBV5	7720	16380	1.17%	0.100%
5	4.142	190	196	205	rBV	140301	223324	15.96%	1.370%
6	4.489	250	255	262	rVB	20686	31641	2.26%	0.194%
7	5.453	416	419	425	rVB2	15537	22272	1.59%	0.137%
8	5.523	425	431	437	rVV	311019	485357	34.70%	2.977%
9	5.582	437	441	451	rVB	56451	114494	8.18%	0.702%
10	5.952	498	504	511	rVB2	50010	83026	5.94%	0.509%
11	7.109	691	701	707	rBV	319386	566816	40.52%	3.477%
12	7.556	773	777	785	rVB5	8439	20382	1.46%	0.125%
13	7.932	833	841	847	rBV	113368	189167	13.52%	1.160%
14	9.084	1027	1037	1045	rBV	228193	412562	29.49%	2.531%
15	10.000	1185	1193	1199	rVB4	12853	21235	1.52%	0.130%
16	10.723	1307	1316	1322	rBV	146076	257306	18.39%	1.578%
17	11.440	1432	1438	1448	rBV5	12603	32595	2.33%	0.200%
18	13.179	1726	1734	1741	rBV	613508	927963	66.33%	5.692%
19	13.384	1766	1769	1775	rVB3	15294	20655	1.48%	0.127%
20	13.890	1848	1855	1859	rBV6	9706	17449	1.25%	0.107%
21	14.048	1874	1882	1885	rBV3	11750	20953	1.50%	0.129%
22	14.460	1947	1952	1957	rBV	49612	62918	4.50%	0.386%
23	14.559	1959	1969	1975	rBV2	233048	378409	27.05%	2.321%
24	14.777	1997	2006	2012	rBV7	13688	34640	2.48%	0.212%
25	14.912	2022	2029	2033	rBV9	6498	15870	1.13%	0.097%
26	14.959	2033	2037	2043	rVB5	17851	28864	2.06%	0.177%
27	15.030	2043	2049	2054	rBV4	10975	26050	1.86%	0.160%
28	15.082	2054	2058	2065	rVB7	11513	20799	1.49%	0.128%
29	15.411	2108	2114	2119	rVB	73806	96852	6.92%	0.594%
30	15.605	2142	2147	2150	rBV5	10801	18903	1.35%	0.116%
31	15.823	2178	2184	2188	rBV2	27143	39539	2.83%	0.243%
32	15.905	2194	2198	2205	rVB6	9926	23122	1.65%	0.142%
33	15.975	2205	2210	2214	rBV4	9989	17319	1.24%	0.106%
34	16.052	2216	2223	2231	rBV	406287	667938	47.75%	4.097%
35	16.275	2257	2261	2275	rVB	96678	190836	13.64%	1.171%
36	16.616	2310	2319	2323	rBV8	14415	28229	2.02%	0.173%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WCS-TP-D

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.663	2323	2327	2334	rVB7	12692	26285	1.88%	0.161%
38	16.851	2350	2359	2362	rBV8	12271	29824	2.13%	0.183%
39	16.968	2373	2379	2383	rVV8	12526	23529	1.68%	0.144%
40	17.068	2392	2396	2401	rVV	83464	116920	8.36%	0.717%
41	17.127	2401	2406	2413	rVB3	36106	67112	4.80%	0.412%
42	17.309	2430	2437	2441	rBV	274584	452147	32.32%	2.773%
43	17.350	2441	2444	2449	rVB	145266	201071	14.37%	1.233%
44	17.438	2455	2459	2465	rVB	48065	69742	4.99%	0.428%
45	17.497	2465	2469	2474	rBV5	16211	30371	2.17%	0.186%
46	17.726	2502	2508	2510	rBV6	13353	24048	1.72%	0.148%
47	17.809	2517	2522	2529	rVB2	75641	101524	7.26%	0.623%
48	17.891	2532	2536	2539	rVV5	10914	15957	1.14%	0.098%
49	18.185	2581	2586	2590	rBV	53840	87192	6.23%	0.535%
50	18.232	2590	2594	2602	rVB	84196	132885	9.50%	0.815%
51	18.308	2602	2607	2612	rBV2	33919	59037	4.22%	0.362%
52	18.379	2613	2619	2623	rVV2	80355	159242	11.38%	0.977%
53	18.414	2623	2625	2631	rVB	37026	49444	3.53%	0.303%
54	18.502	2636	2640	2644	rBV	62073	76986	5.50%	0.472%
55	18.684	2666	2671	2675	rBV	43663	66647	4.76%	0.409%
56	18.725	2675	2678	2683	rVB5	15398	25595	1.83%	0.157%
57	18.931	2710	2713	2716	rVB2	18436	19338	1.38%	0.119%
58	18.978	2718	2721	2724	rBV	20206	26222	1.87%	0.161%
59	19.013	2725	2727	2732	rVB3	21653	26807	1.92%	0.164%
60	19.101	2733	2742	2745	rBV	58767	114333	8.17%	0.701%
61	19.131	2745	2747	2751	rVB	28182	29910	2.14%	0.183%
62	19.236	2761	2765	2773	rBV5	32629	68357	4.89%	0.419%
63	19.366	2781	2787	2794	rBV	592923	837367	59.86%	5.136%
64	19.424	2794	2797	2800	rVV2	21358	24452	1.75%	0.150%
65	19.460	2800	2803	2809	rVB5	16058	19939	1.43%	0.122%
66	19.607	2824	2828	2833	rBV2	22614	40023	2.86%	0.245%
67	19.724	2838	2848	2856	rVV	531176	974938	69.69%	5.980%
68	19.800	2856	2861	2866	rVB2	44799	72292	5.17%	0.443%
69	19.924	2871	2882	2887	rBV	1027385	1398915	100.00%	8.581%
70	20.047	2897	2903	2910	rBV4	56285	136850	9.78%	0.839%
71	20.182	2921	2926	2928	rBV6	33811	58743	4.20%	0.360%
72	20.218	2928	2932	2941	rVB2	117711	199429	14.26%	1.223%
73	20.317	2945	2949	2953	rVV	89405	114933	8.22%	0.705%
74	20.376	2953	2959	2963	rVV3	72708	123840	8.85%	0.760%
75	20.411	2963	2965	2969	rVB5	18912	23350	1.67%	0.143%
76	20.517	2979	2983	2986	rBV	41149	54896	3.92%	0.337%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WCS-TP-D

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.564	2987	2991	2995	rVB	40447	60352	4.31%	0.370%
78	20.735	3015	3020	3023	rBV	27687	37667	2.69%	0.231%
79	20.817	3030	3034	3035	rBV4	19684	25900	1.85%	0.159%
80	20.928	3051	3053	3057	rBV5	14764	19631	1.40%	0.120%
81	20.975	3057	3061	3068	rVB3	41074	78210	5.59%	0.480%
82	21.152	3085	3091	3095	rBV3	51113	97476	6.97%	0.598%
83	21.193	3095	3098	3102	rVV	45847	64936	4.64%	0.398%
84	21.240	3102	3106	3112	rVB3	62753	114681	8.20%	0.703%
85	21.557	3153	3160	3166	rBV3	420330	1091863	78.05%	6.697%
86	21.610	3166	3169	3182	rVB	275532	474353	33.91%	2.910%
87	21.704	3183	3185	3190	rBV5	13332	18214	1.30%	0.112%
88	21.763	3190	3195	3200	rBV2	64769	111403	7.96%	0.683%
89	21.963	3224	3229	3235	rBV4	26472	57309	4.10%	0.352%
90	22.021	3237	3239	3246	rVB8	13439	18425	1.32%	0.113%
91	22.203	3267	3270	3274	rBV3	21817	28380	2.03%	0.174%
92	22.280	3276	3283	3289	rVV	68202	153480	10.97%	0.941%
93	22.350	3291	3295	3302	rVB3	43177	87438	6.25%	0.536%
94	22.538	3323	3327	3331	rBV4	29727	52295	3.74%	0.321%
95	23.702	3518	3525	3533	rBV2	161108	553930	39.60%	3.398%
96	23.954	3562	3568	3575	rVB2	33094	70566	5.04%	0.433%
97	24.401	3636	3644	3656	rVB	91746	288902	20.65%	1.772%
98	24.542	3659	3668	3682	rBV	135784	434497	31.06%	2.665%
99	24.689	3685	3693	3702	rBV	157555	475958	34.02%	2.919%
100	28.238	4288	4297	4301	rBV3	25534	82546	5.90%	0.506%

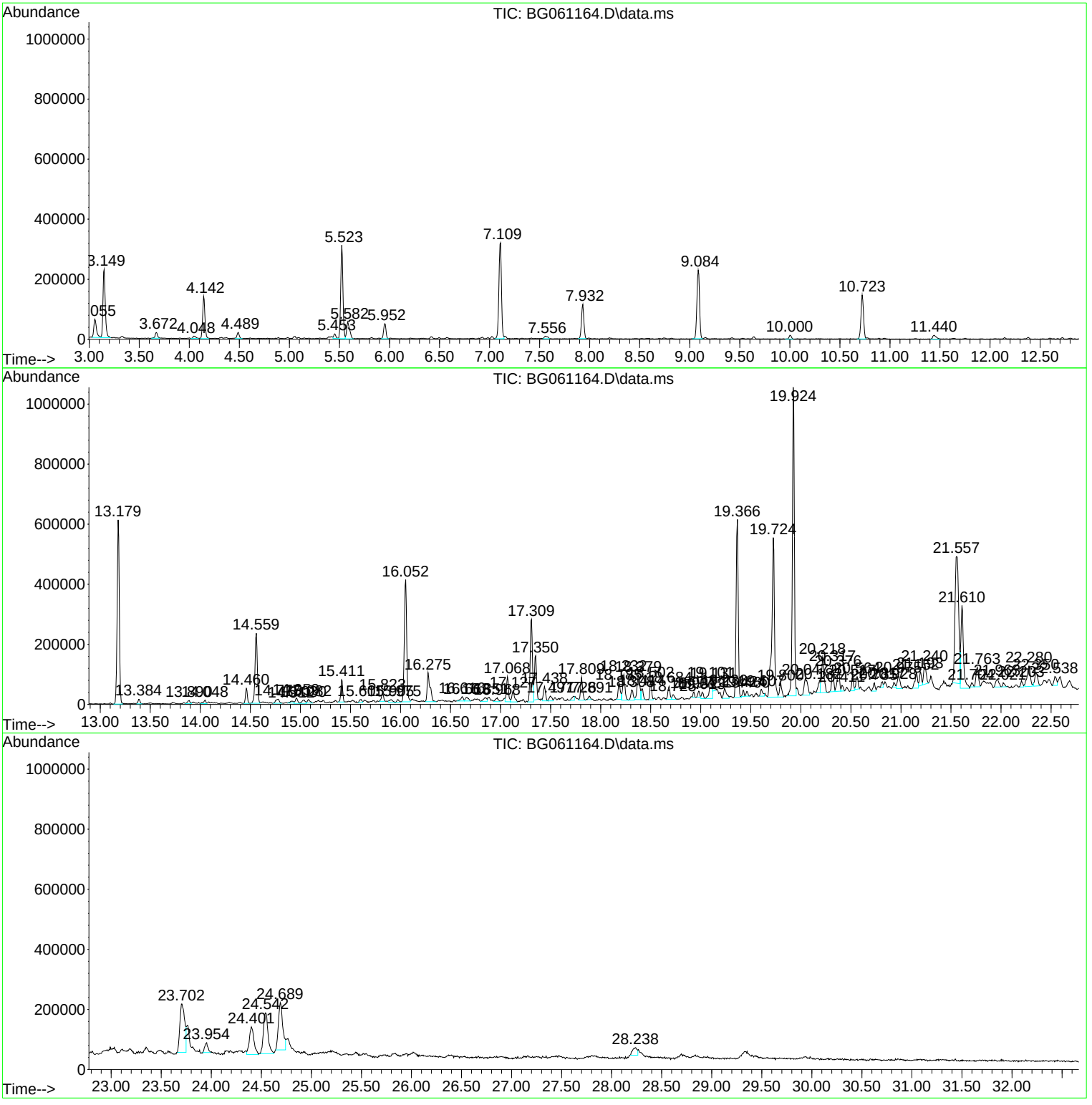
Sum of corrected areas: 16302833

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

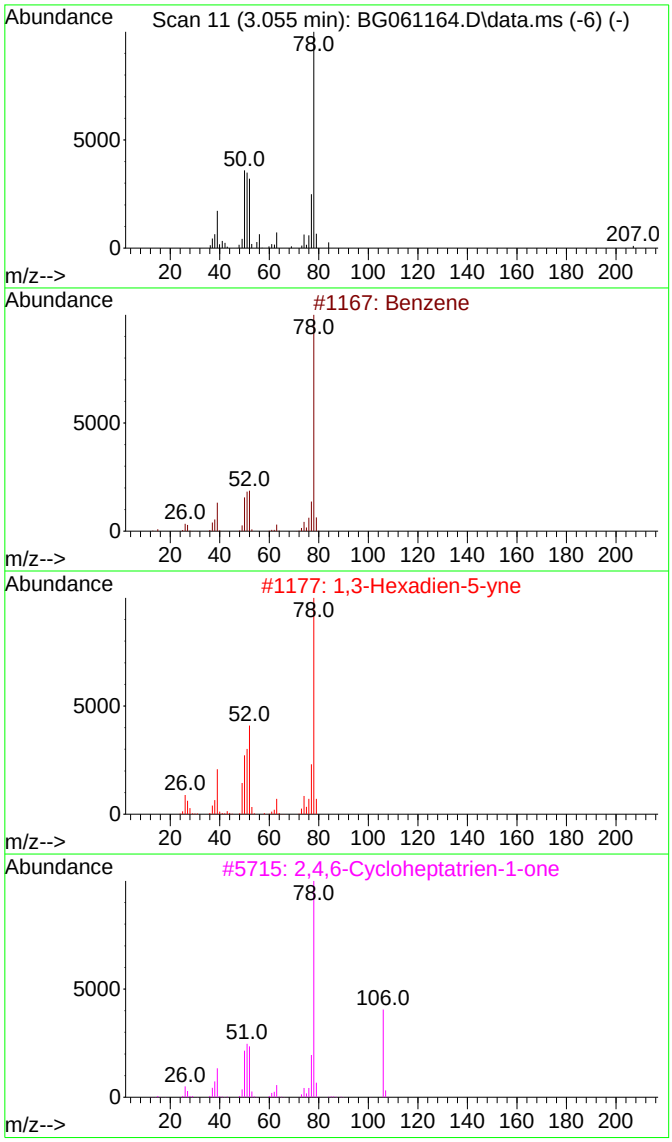
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

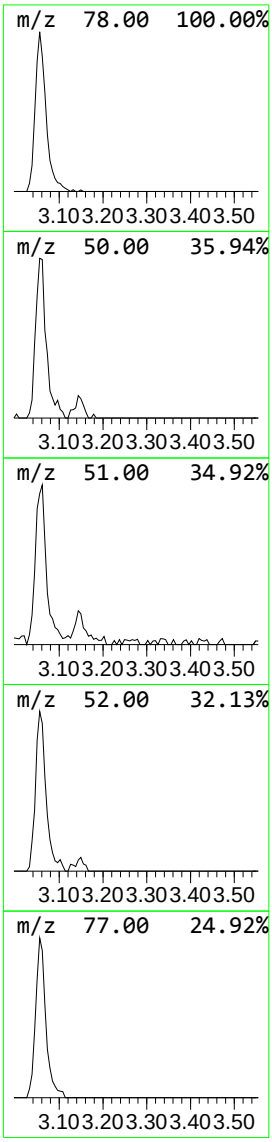
****

Peak Number 1 Benzene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.055	12.08 ng	114250	1,4-Dichlorobenzene-d4	7.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene	78	C6H6	000071-43-2	91
2	1,3-Hexadien-5-yne	78	C6H6	010420-90-3	91
3	2,4,6-Cycloheptatrien-1-one	106	C7H6O	000539-80-0	83
4	Fumaronitrile	78	C4H2N2	000764-42-1	72
5	6-Azidotetrazolo(b)pyridazine	162	C4H2N8	014393-79-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

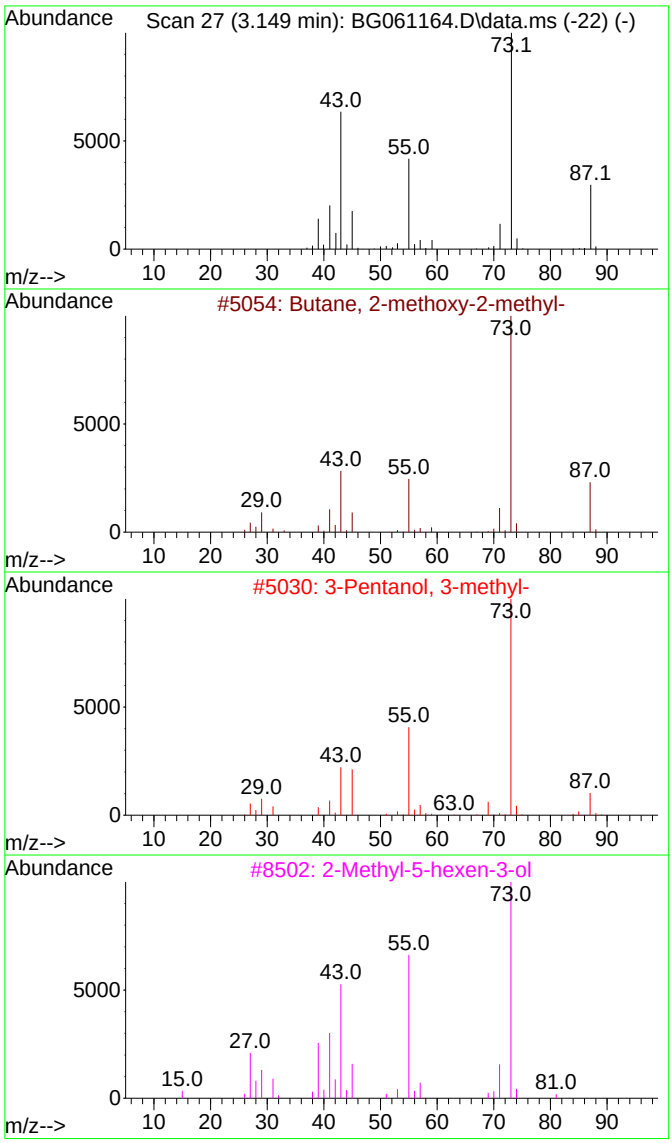
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

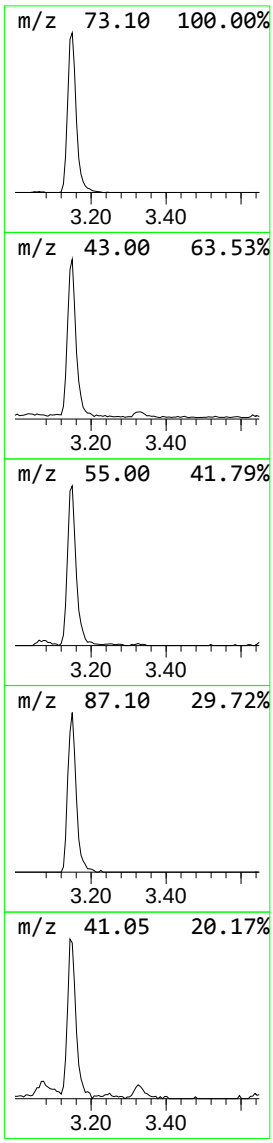
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.149	38.31 ng	362351	1,4-Dichlorobenzene-d4	7.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Ethyl formate	74	C3H6O2	000109-94-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

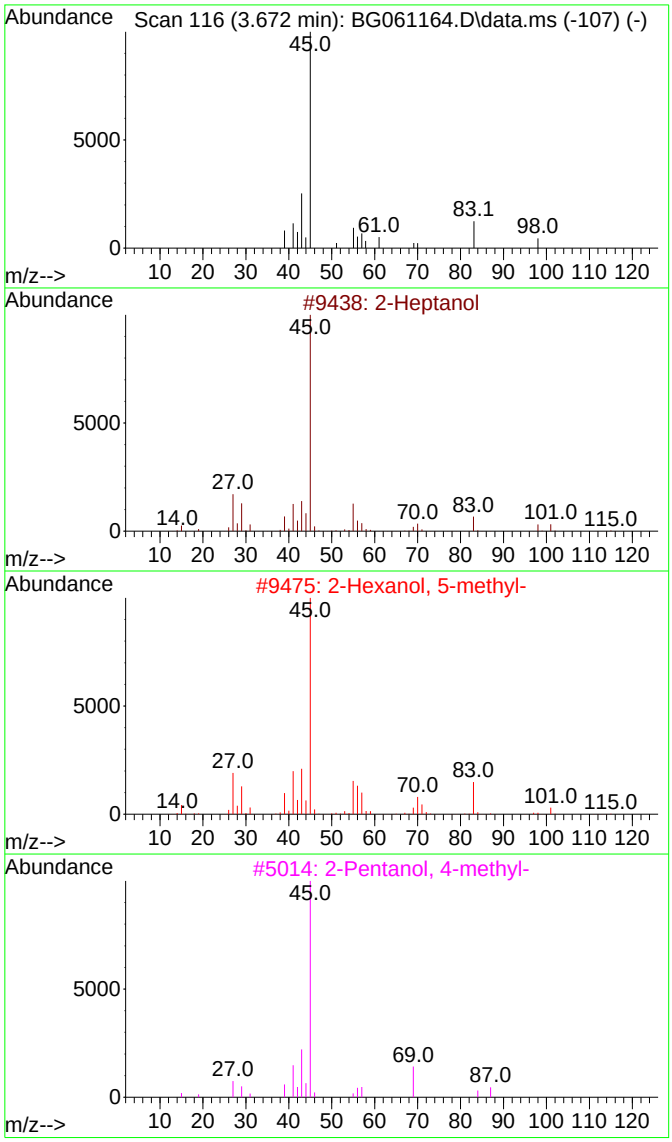
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

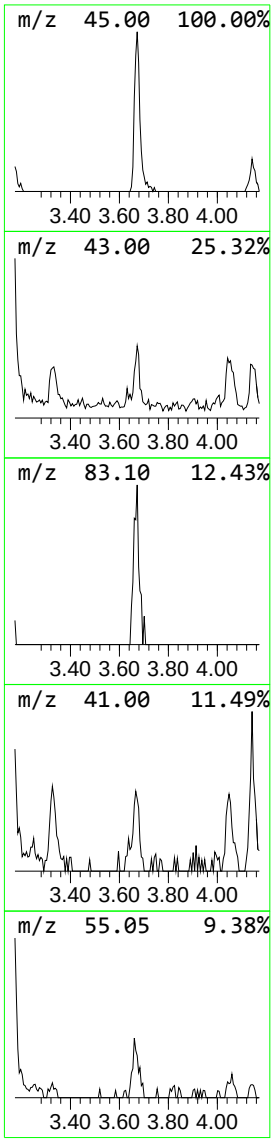
****

Peak Number 3 2-Heptanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.672	3.54 ng	33463	1,4-Dichlorobenzene-d4	7.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanol	116	C7H16O	000543-49-7	64
2	2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	40
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	39
4	Isoamyl lactate	160	C8H16O3	019329-89-6	9
5	(+-)-5-Methyl-2-hexanol	116	C7H16O	111768-09-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

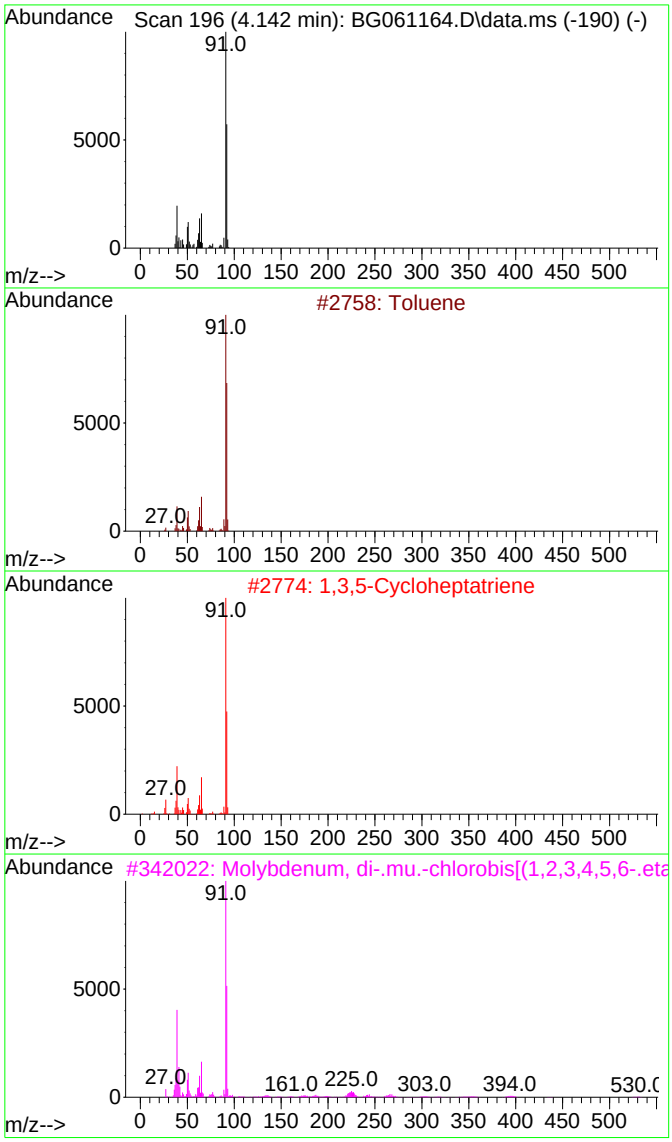
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

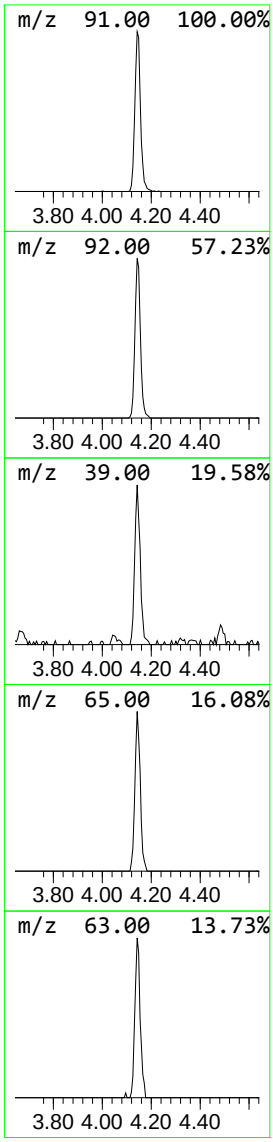
****

Peak Number 4 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.142	23.61 ng	223324	1,4-Dichlorobenzene-d4	7.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	64
4	1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	56
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

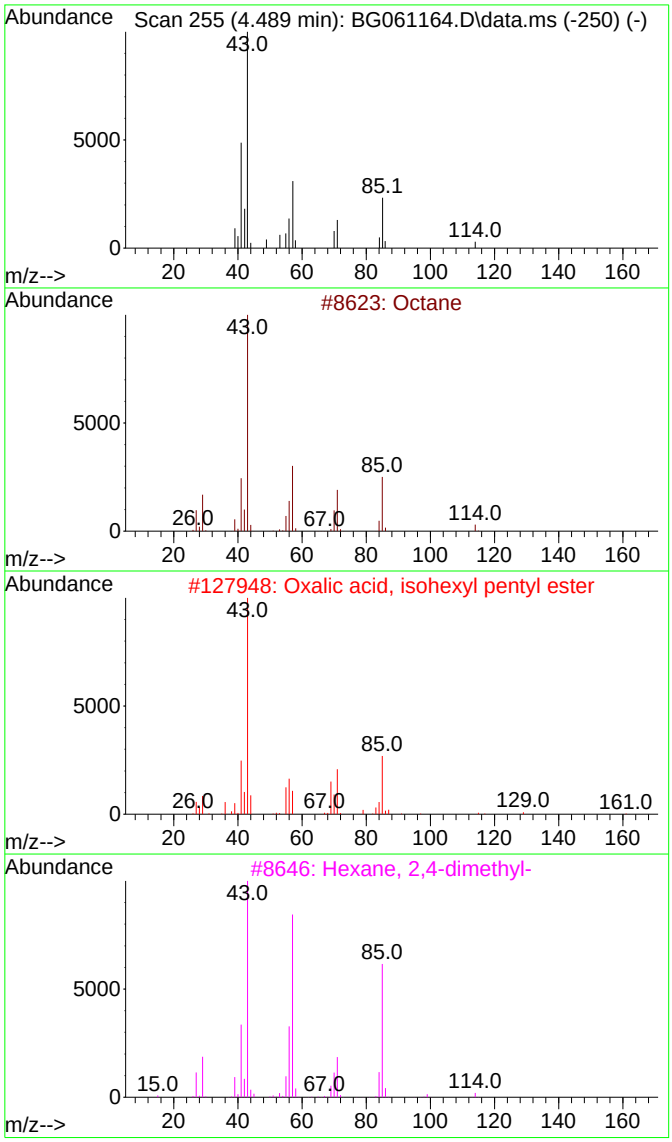
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

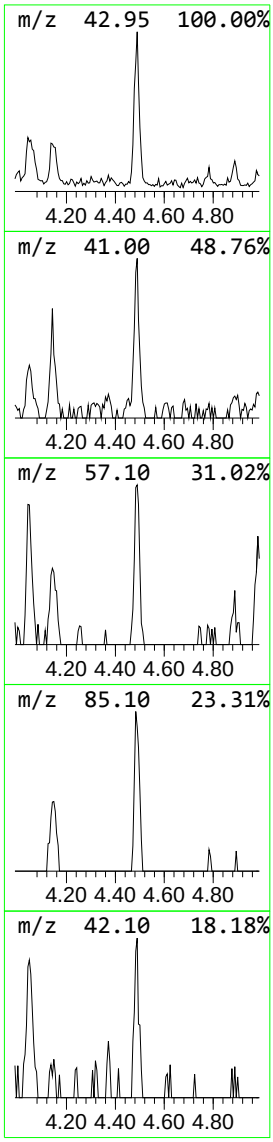
****

Peak Number 5 Octane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.489	3.35 ng	31641	1,4-Dichlorobenzene-d4	7.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	80
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	78
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	40
5	N,N'-Bis(2-methyl-2-nitrosobutan...	230	C10H18N2O4	034946-73-1	40





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Operator : MA/JU
Sample : P2422-01
Misc :
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ClientSampleId :
WCS-TP-D

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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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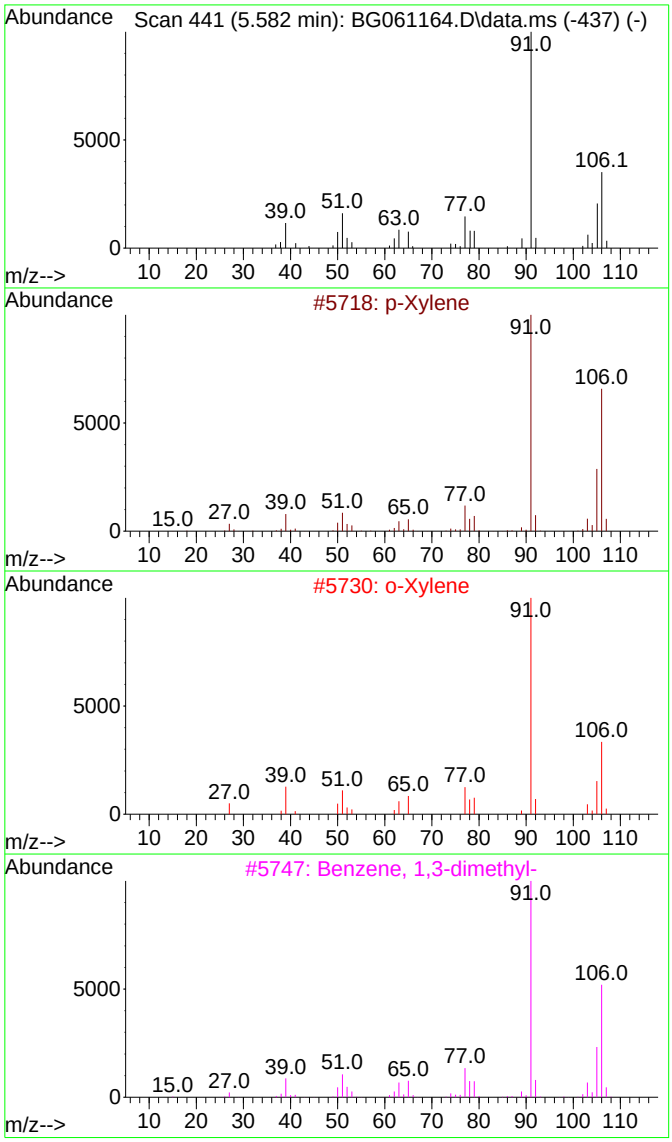
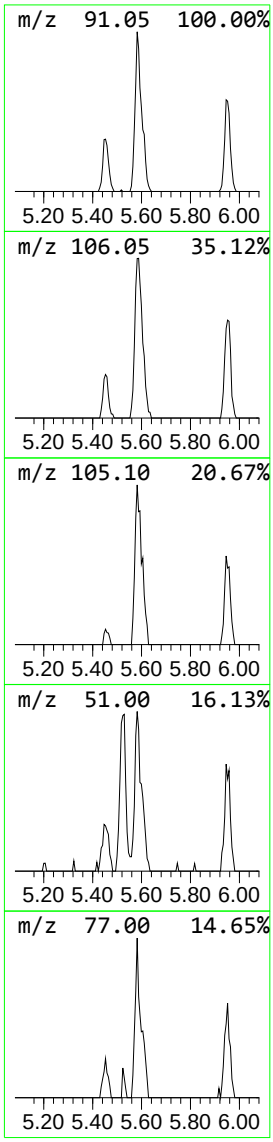
Peak Number 6 p-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.582	12.11 ng	114494	1,4-Dichlorobenzene-d4	7.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	90
2	o-Xylene	106	C8H10	000095-47-6	87
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	83
4	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	59
5	Ethylbenzene	106	C8H10	000100-41-4	58





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Sample : P2422-01
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

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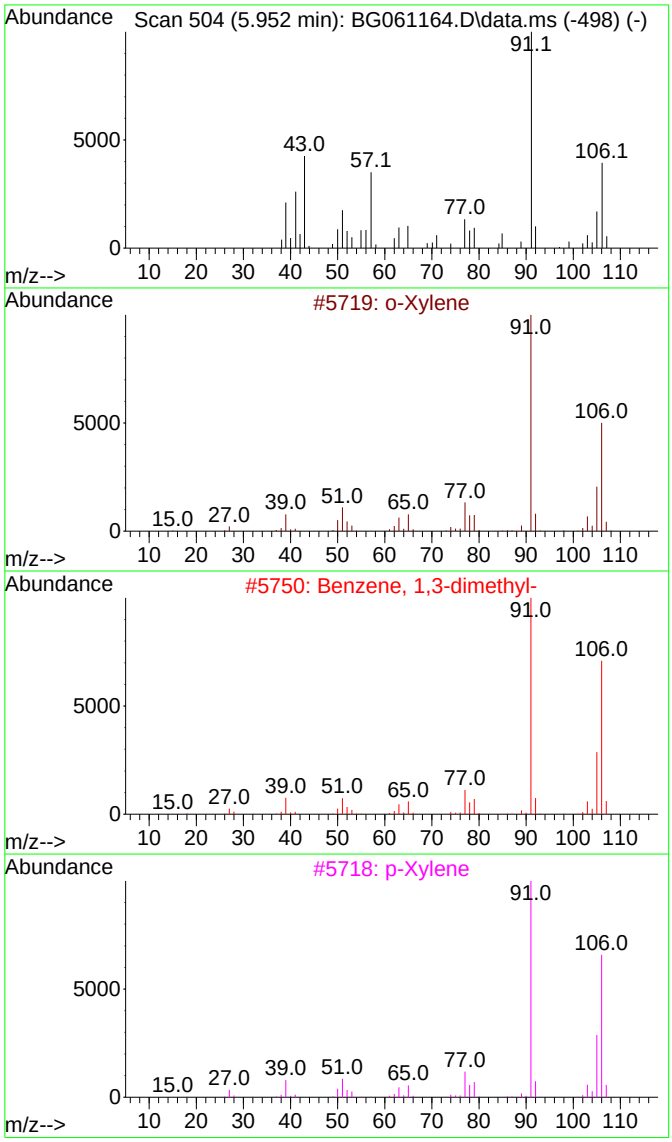
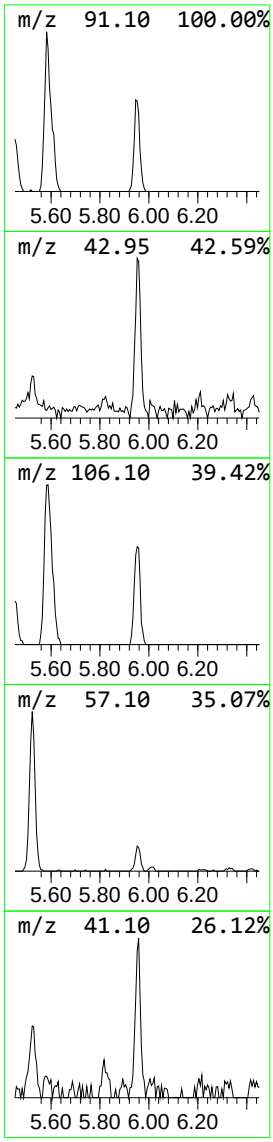
Peak Number 7 o-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.952	8.78 ng	83026	1,4-Dichlorobenzene-d4	7.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87





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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

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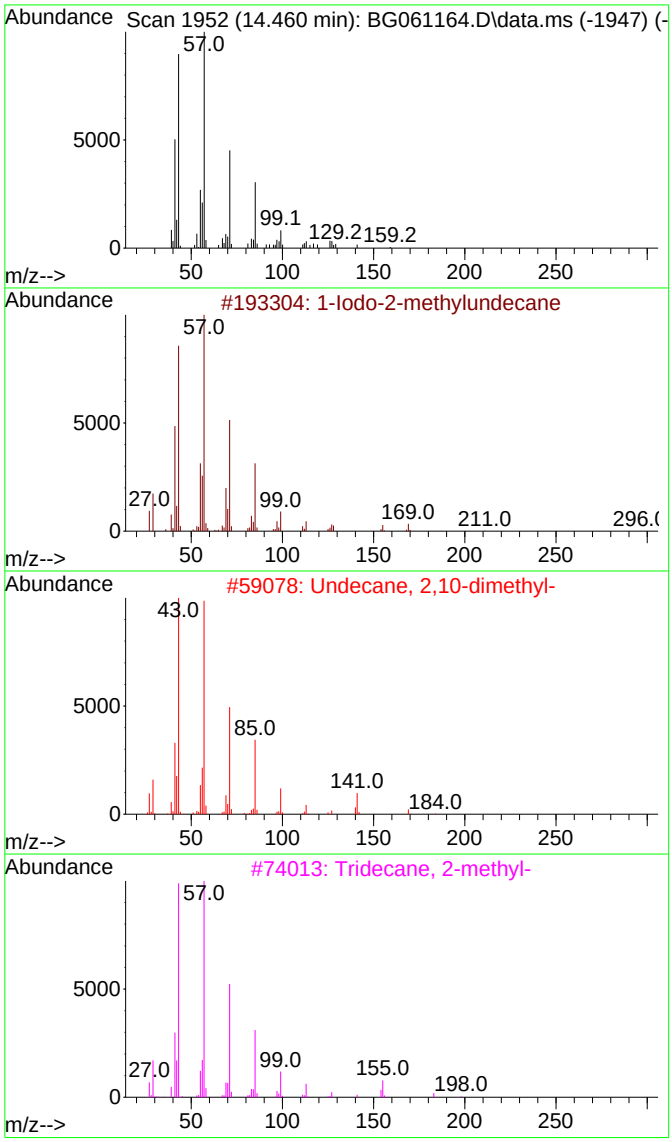
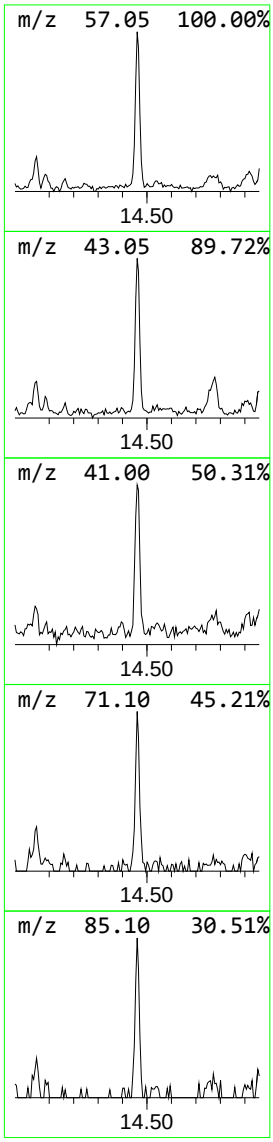
Peak Number 8 1-Iodo-2-methylundecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.460	3.33 ng	62918	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
2	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	78
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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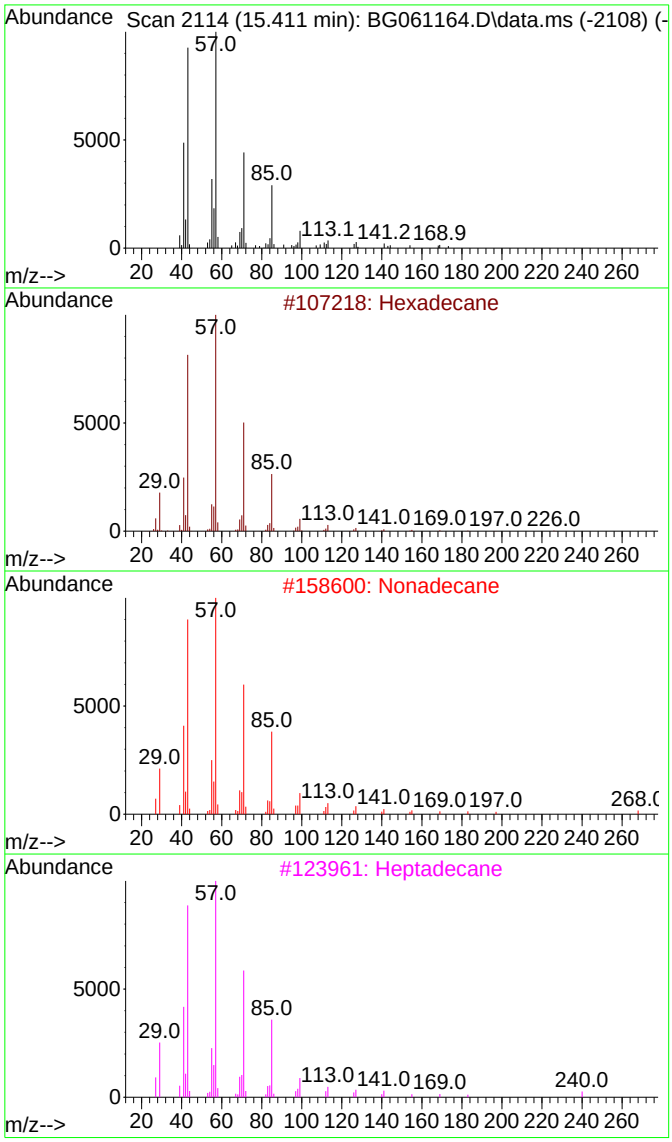
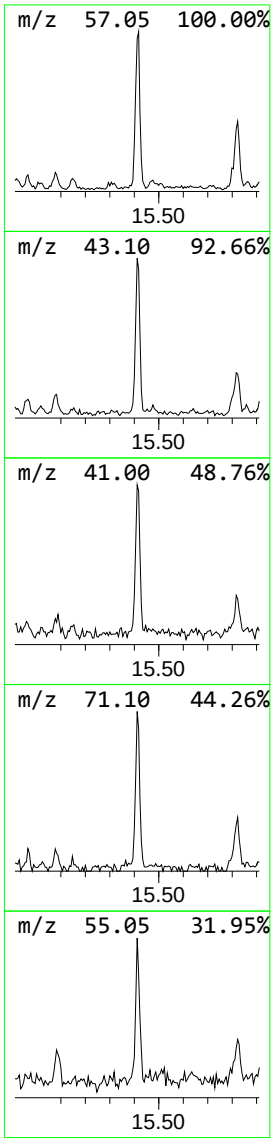
Peak Number 9 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.411	5.12 ng	96852	Acenaphthene-d10	14.560

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83





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Sample : P2422-01
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ALS Vial : 6 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

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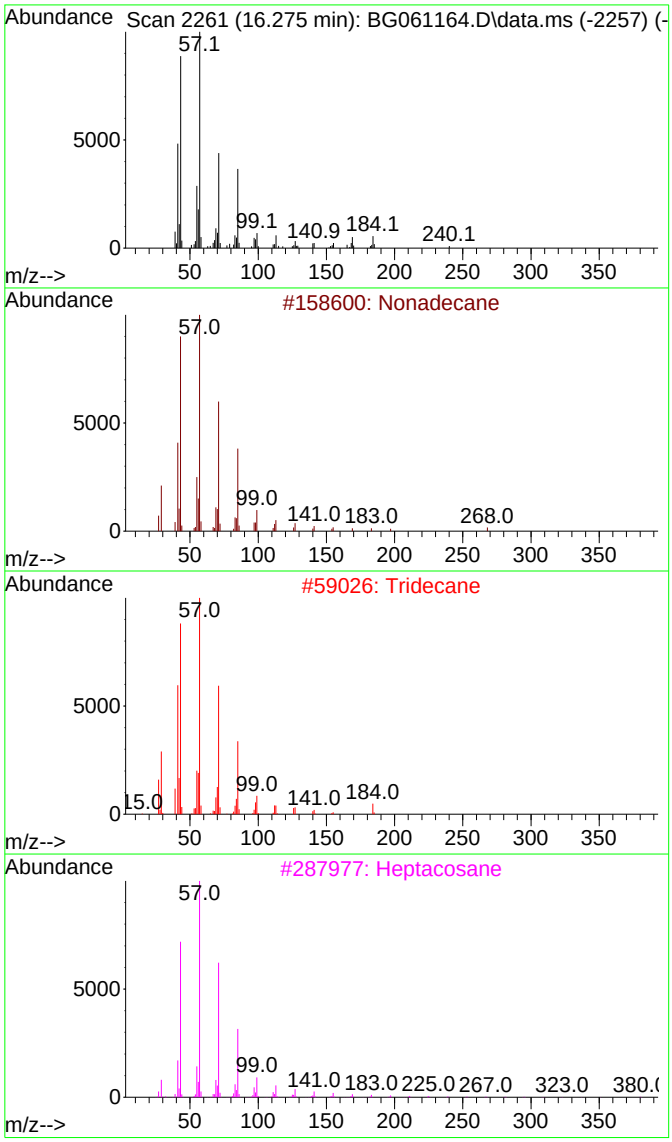
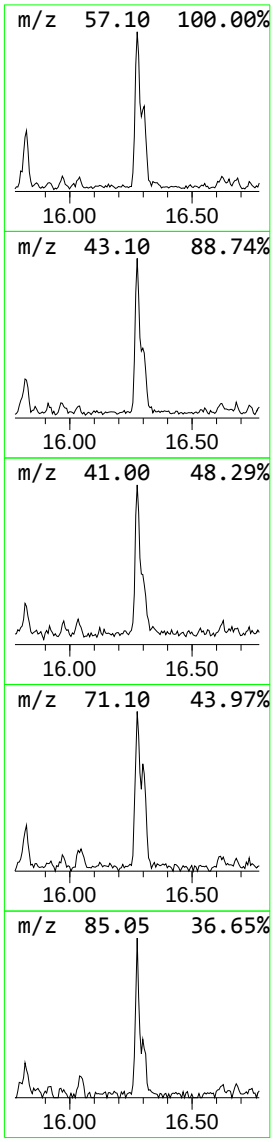
Peak Number 10 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	8.44 ng	190836	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Tridecane	184	C13H28	000629-50-5	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Eicosane	282	C20H42	000112-95-8	80
5	Heptadecane	240	C17H36	000629-78-7	80





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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

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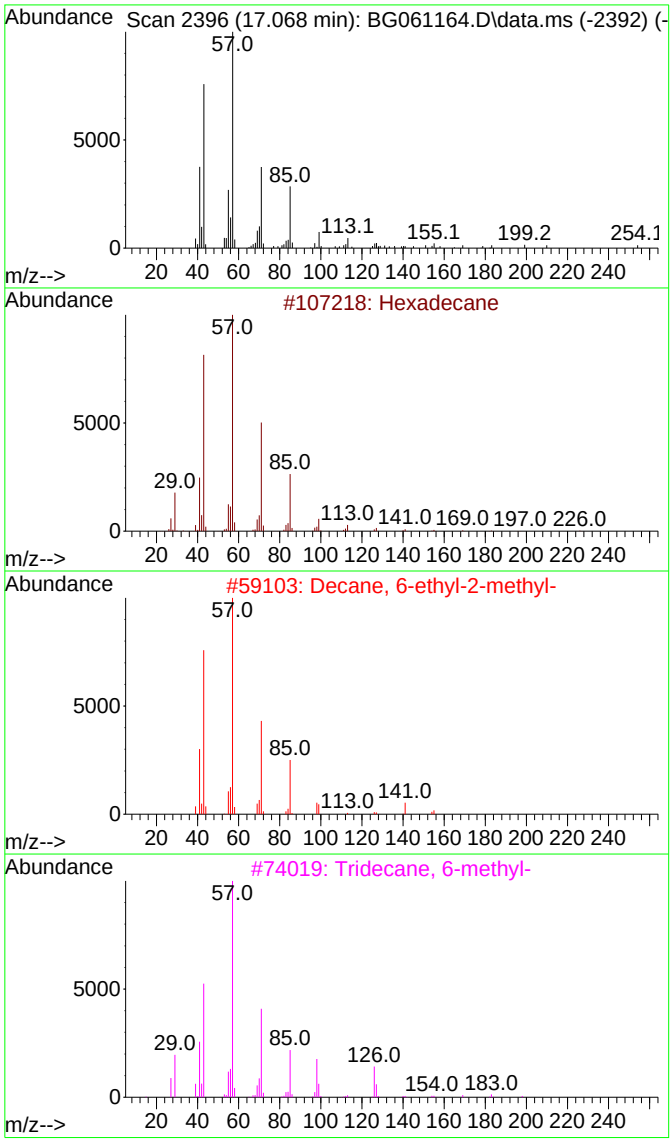
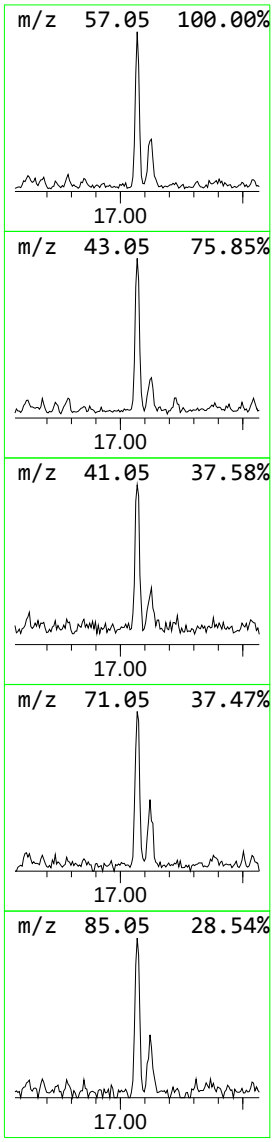
Peak Number 11 Decane, 6-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.068	5.17 ng	116920	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	86
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
4	Nonadecane	268	C19H40	000629-92-5	83
5	Octadecane	254	C18H38	000593-45-3	80





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Sample : P2422-01
Misc :
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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

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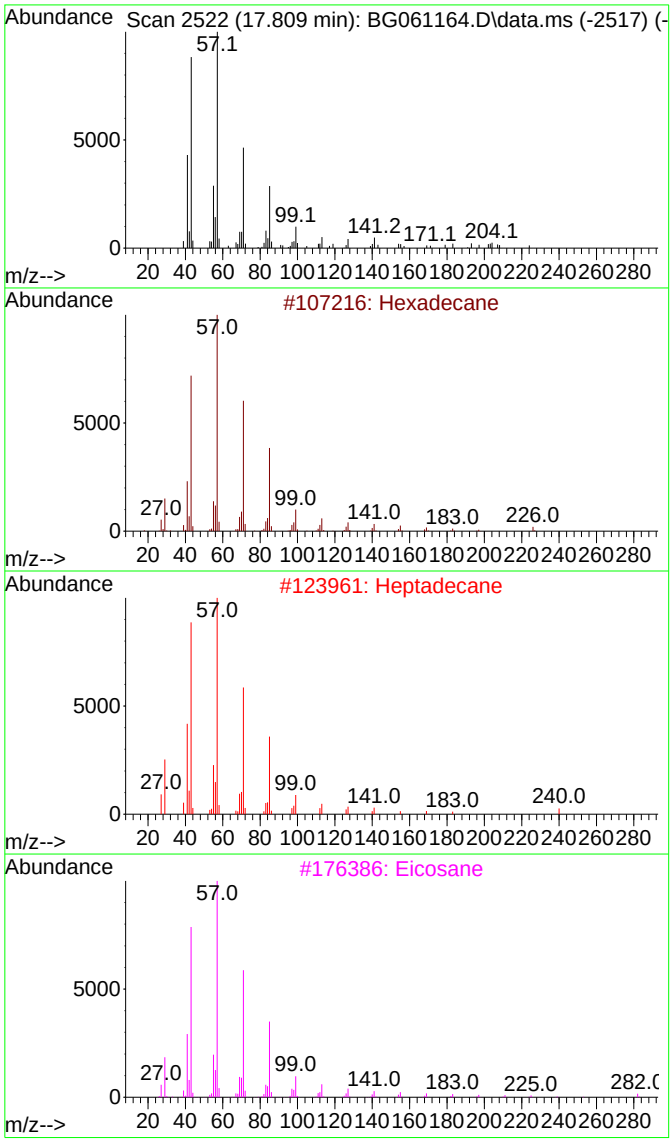
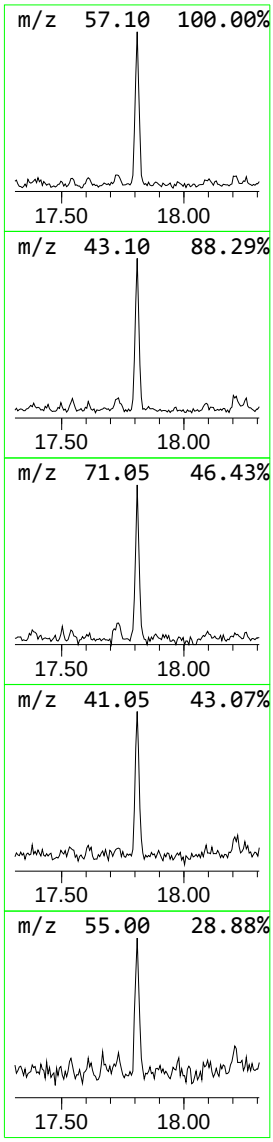
Peak Number 12 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.809	4.49 ng	101524	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Octadecane	254	C18H38	000593-45-3	80
5	Pentadecane	212	C15H32	000629-62-9	80





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Sample : P2422-01
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

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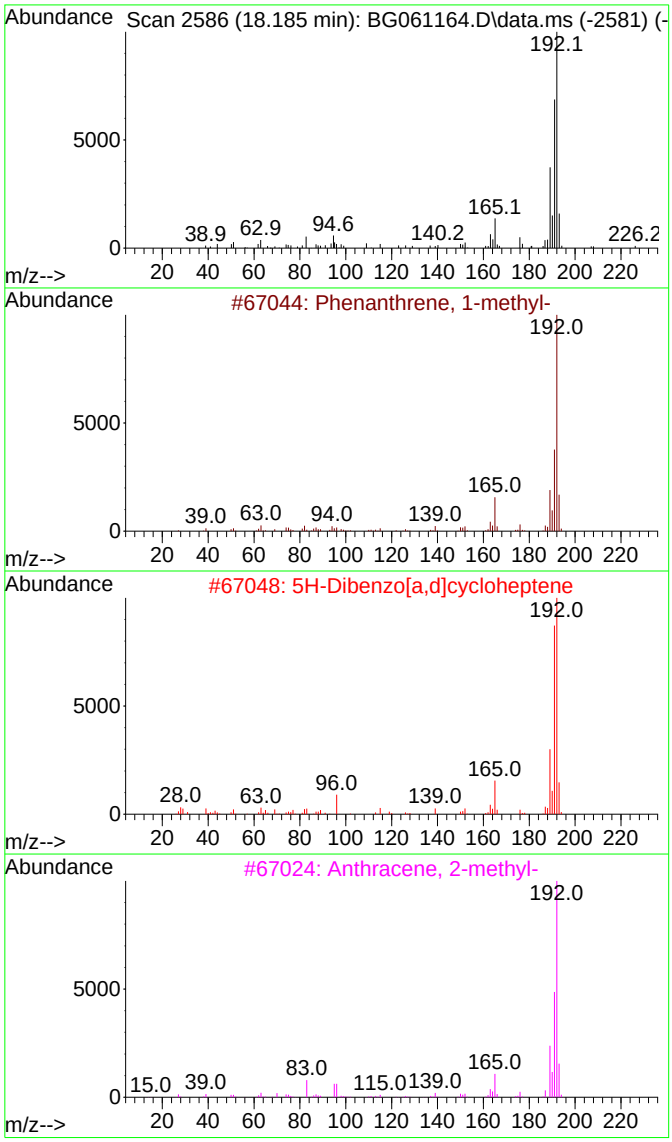
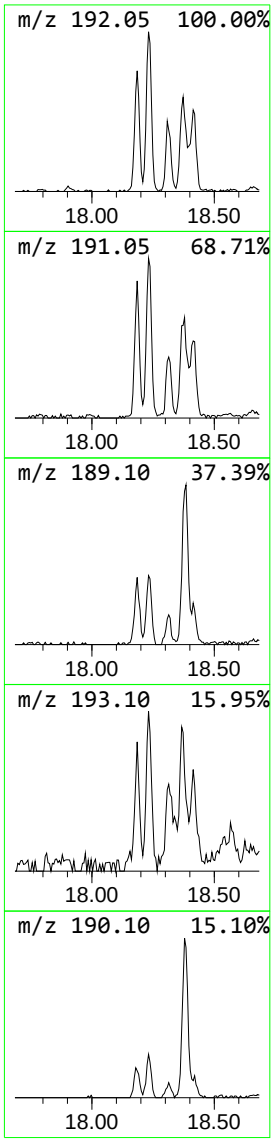
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.185	3.86 ng	87192	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
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





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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

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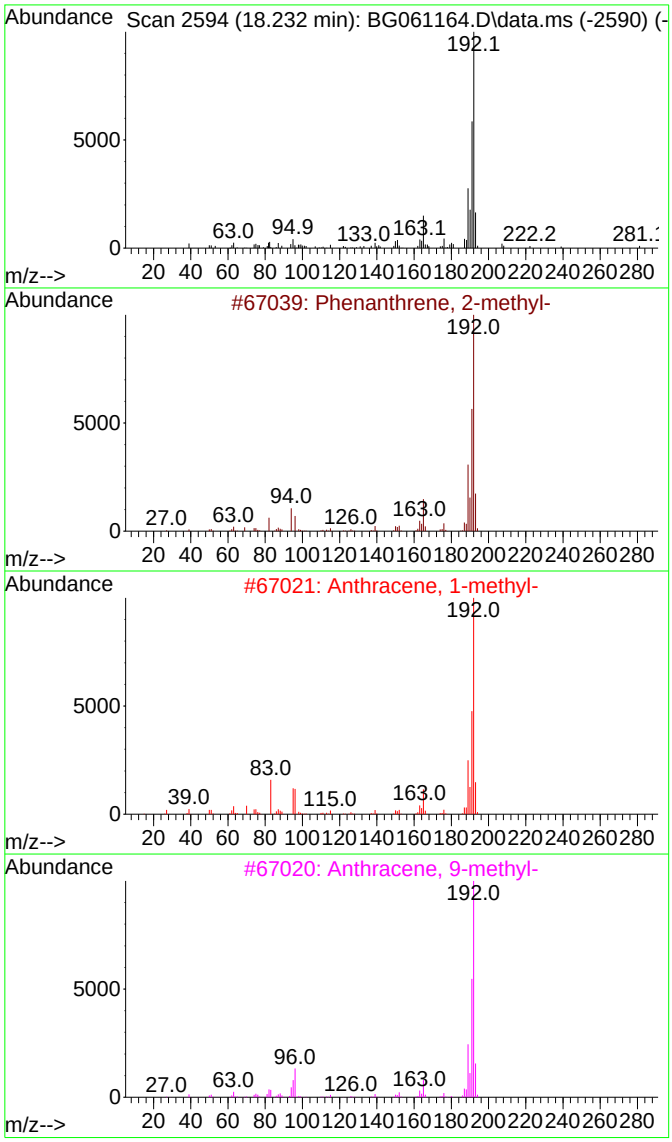
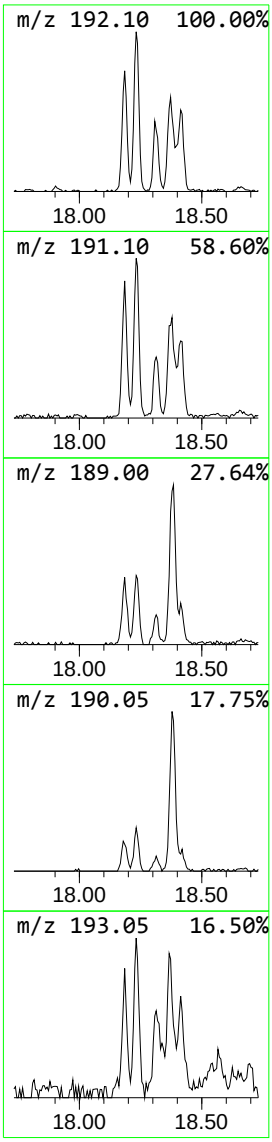
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.232	5.88 ng	132885	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87





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ALS Vial : 6 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

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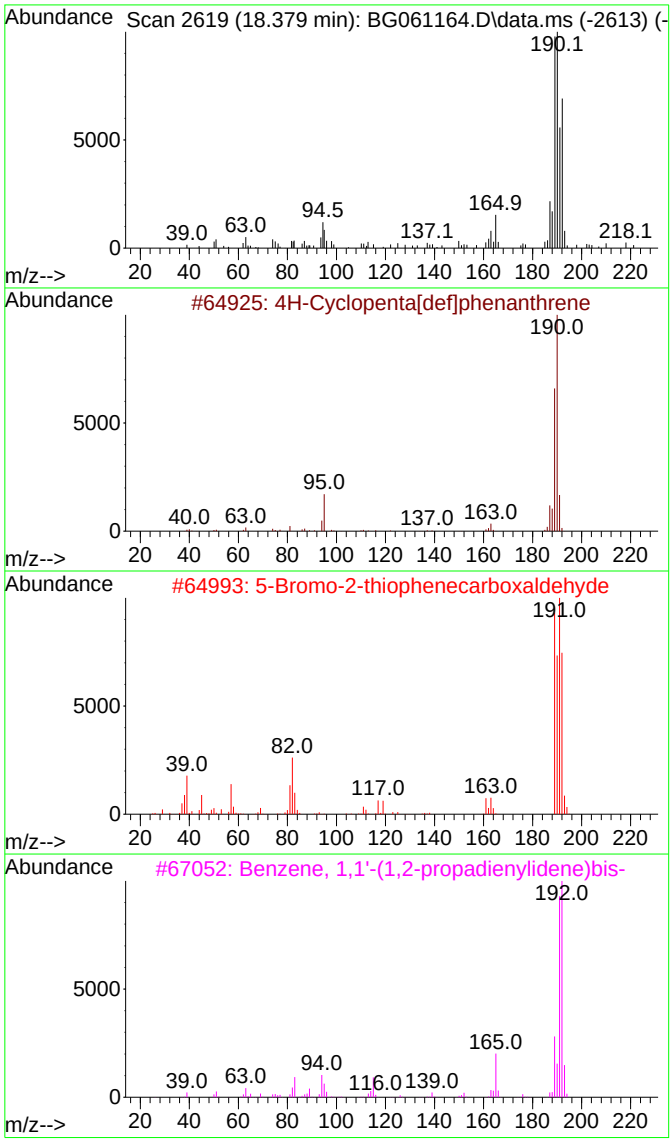
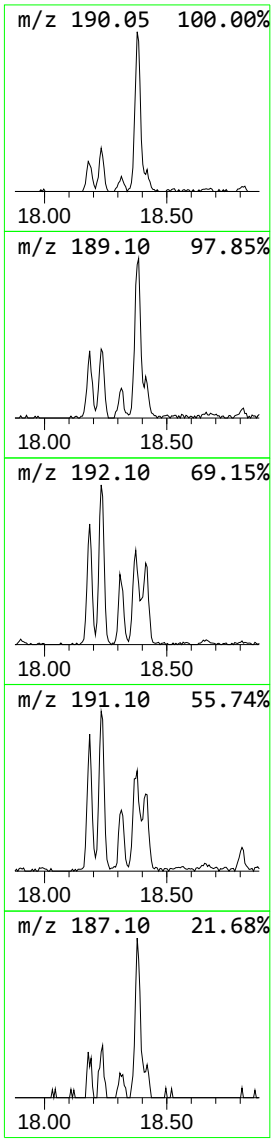
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.378	7.04 ng	159242	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	30
4	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	27
5	1,1'-Biphenyl,3,3'-difluoro-	190	C12H8F2	000396-64-5	27





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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

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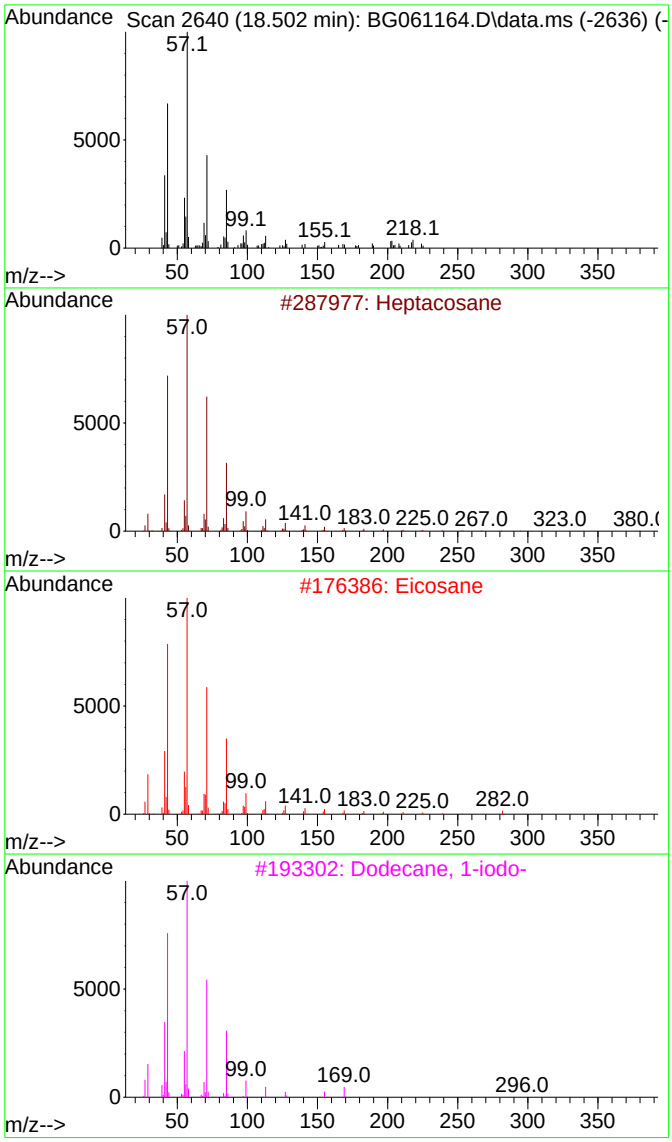
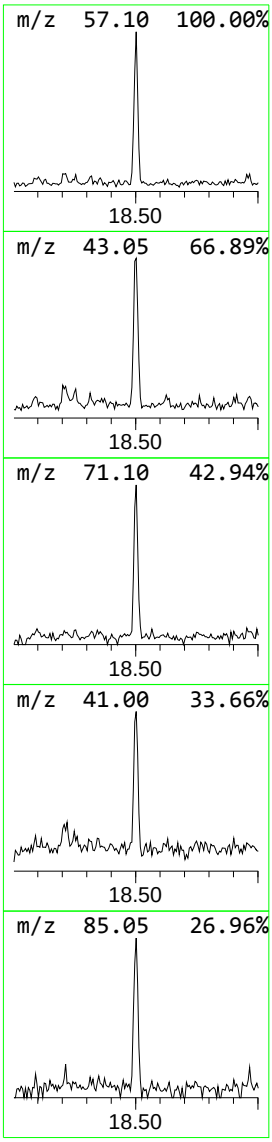
Peak Number 16 Heptacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.502	3.41 ng	76986	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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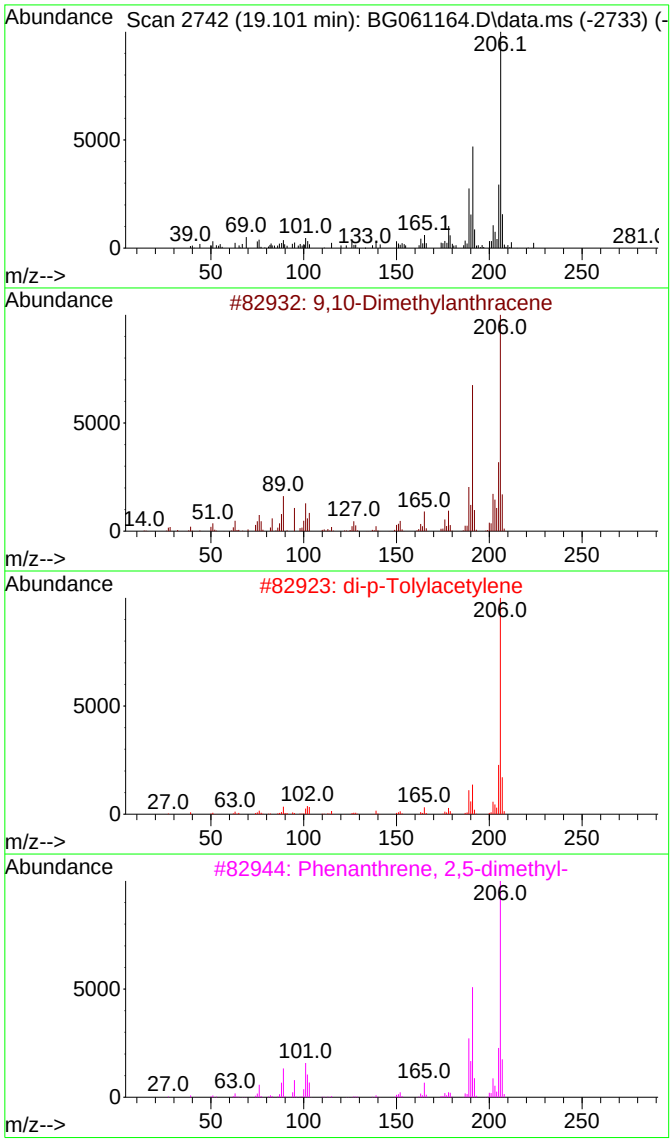
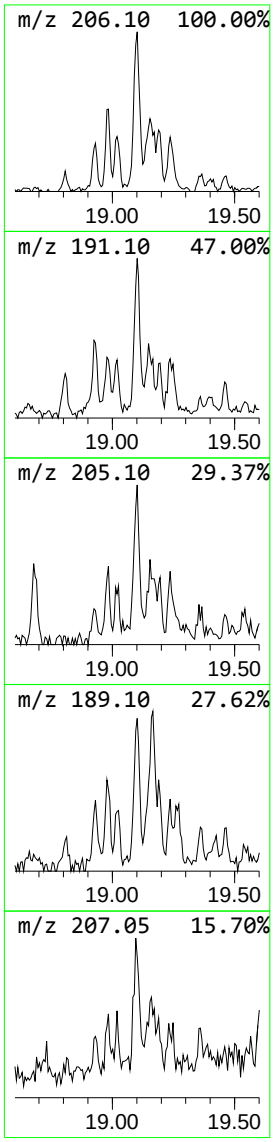
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.101	5.06 ng	114333	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

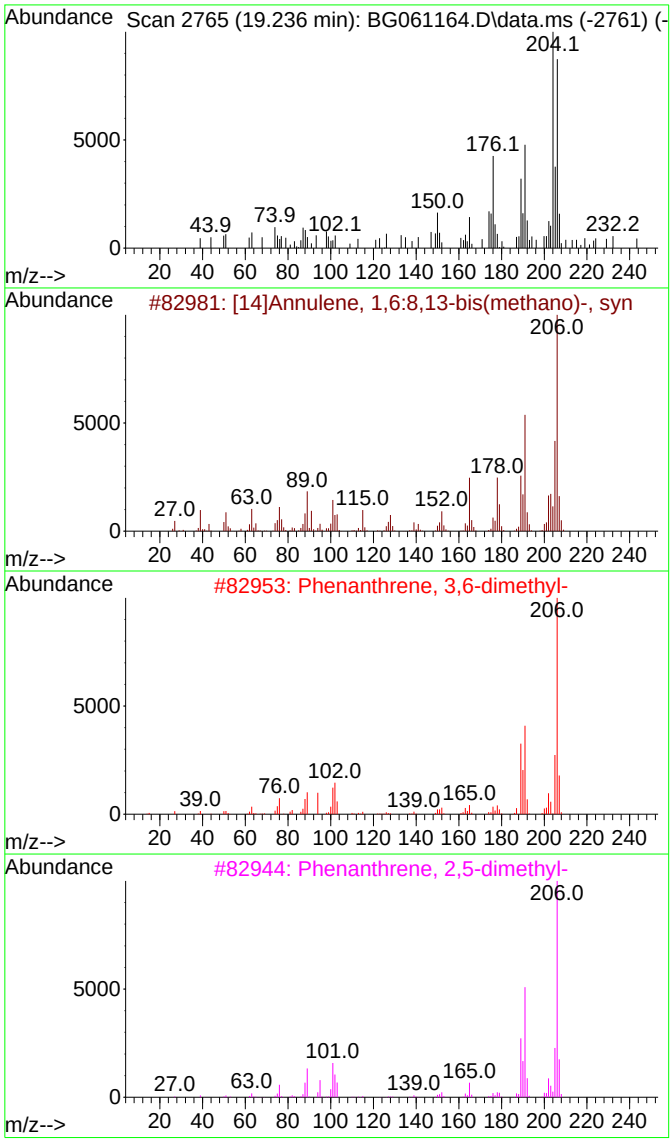
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

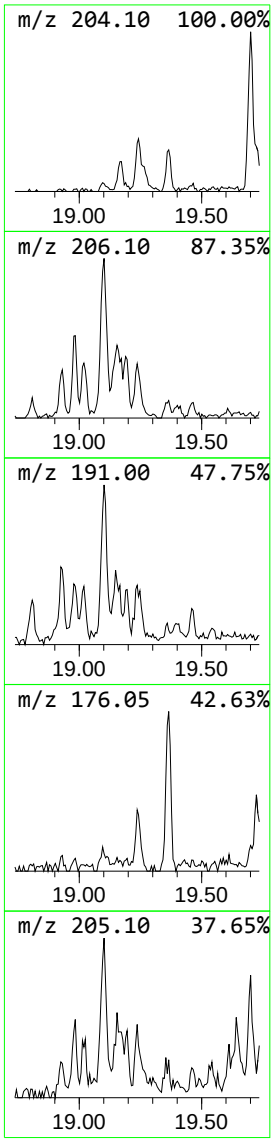
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 [14]Annulene, 1,6:8,13-bis(... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.236	3.02 ng	68357	Phenanthrene-d10	17.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	60
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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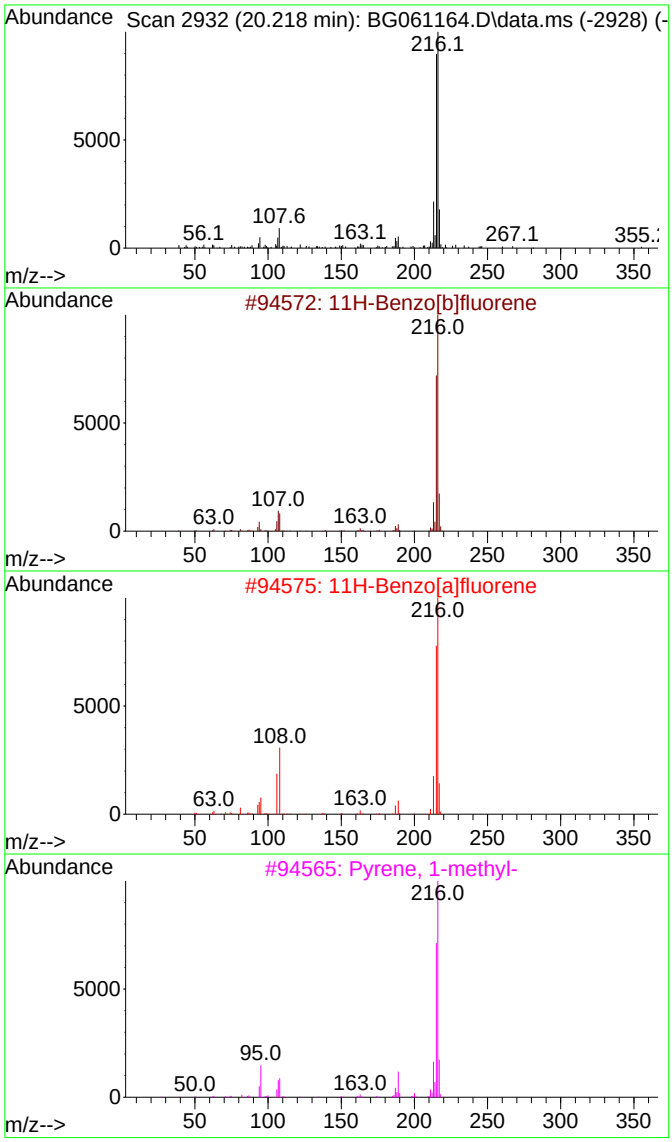
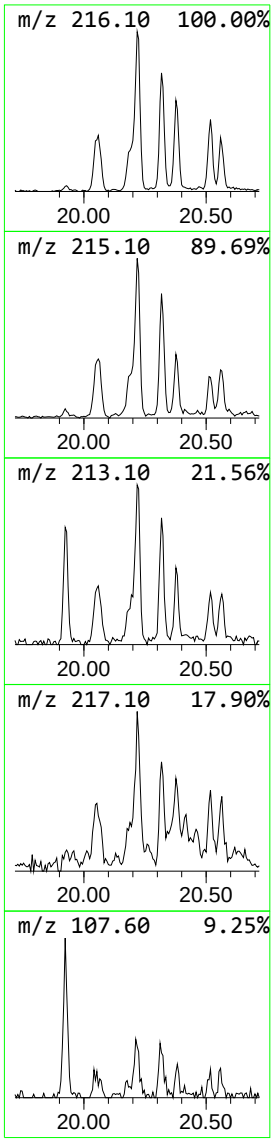
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.218	3.65 ng	199429	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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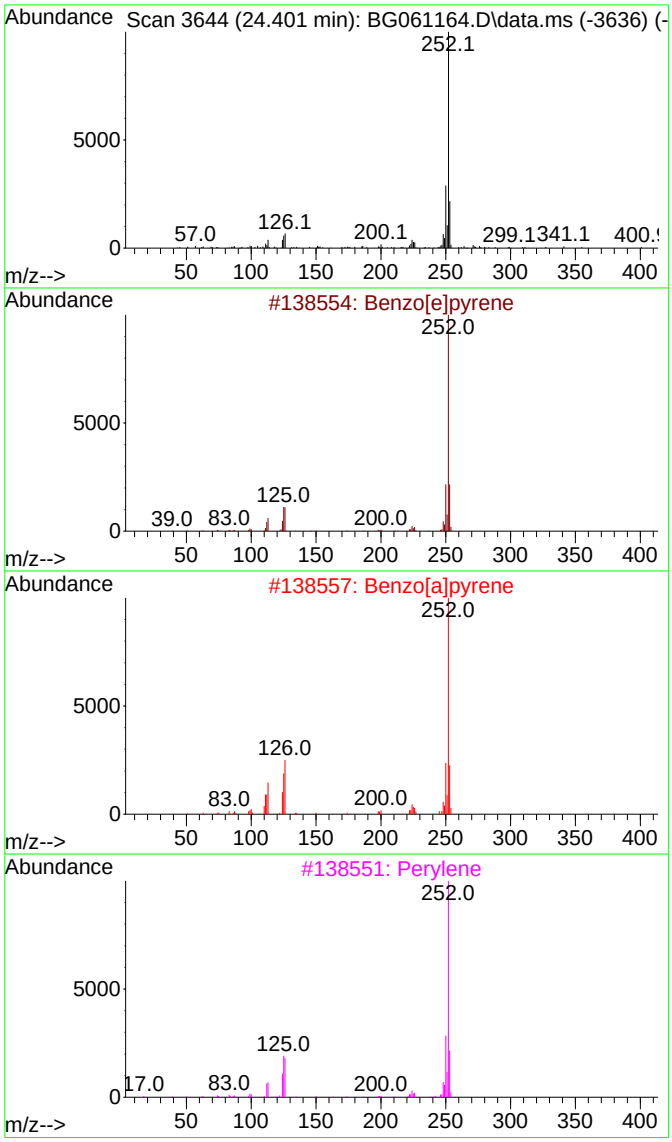
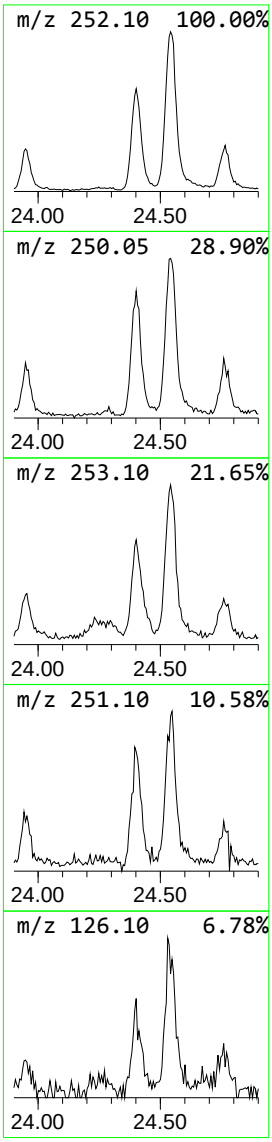
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.401	12.14 ng	288902	Perylene-d12	24.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051024\
Data File : BG061164.D
Acq On : 10 May 2024 15:35
Operator : MA/JU
Sample : P2422-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TP-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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	3.055	12.1	ng	114250	1	7.932	189167	20.0
Butane, 2-metho...	3.149	38.3	ng	362351	1	7.932	189167	20.0
2-Heptanol	3.672	3.5	ng	33463	1	7.932	189167	20.0
Toluene	4.142	23.6	ng	223324	1	7.932	189167	20.0
Octane	4.489	3.4	ng	31641	1	7.932	189167	20.0
p-Xylene	5.582	12.1	ng	114494	1	7.932	189167	20.0
o-Xylene	5.952	8.8	ng	83026	1	7.932	189167	20.0
1-Iodo-2-methyl...	14.460	3.3	ng	62918	3	14.560	378409	20.0
Hexadecane	15.411	5.1	ng	96852	3	14.560	378409	20.0
Nonadecane	16.275	8.4	ng	190836	4	17.309	452147	20.0
Decane, 6-ethyl...	17.068	5.2	ng	116920	4	17.309	452147	20.0
Heptadecane	17.809	4.5	ng	101524	4	17.309	452147	20.0
Phenanthrene, 1...	18.185	3.9	ng	87192	4	17.309	452147	20.0
Phenanthrene, 2...	18.232	5.9	ng	132885	4	17.309	452147	20.0
4H-Cyclopenta[d...	18.378	7.0	ng	159242	4	17.309	452147	20.0
Heptacosane	18.502	3.4	ng	76986	4	17.309	452147	20.0
9,10-Dimethylan...	19.101	5.1	ng	114333	4	17.309	452147	20.0
[14]Annulene, 1...	19.236	3.0	ng	68357	4	17.309	452147	20.0
11H-Benzo[b]flu...	20.218	3.6	ng	199429	5	21.569	1091860	20.0
Benzo[e]pyrene	24.401	12.1	ng	288902	6	24.689	475958	20.0