LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.099	14	19	27	rBV4	18936	51045	1.31%	0.112%
2	3.175	27	32	46	rVB	313762	578763	14.84%	1.275%
3	3.686	115	119	127	rVB	43164	65057	1.67%	0.143%
4	5.537	427	434	443	rVB	1032859	1630790	41.81%	3.594%
5	5.978	502	509	516	rBV6	12161	41777	1.07%	0.092%
6	7.112	694	702	709	rBV	1080153	1836756	47.09%	4.048%
7	7.629	783	790	799	rBV4	24207	74999	1.92%	0.165%
8	7.952	838	845	852	rBV	289671	481774	12.35%	1.062%
9	8.498	933	938	946	rBV6	14896	43419	1.11%	0.096%
10	9.104	1029	1041	1049	rBV	643389	1141135	29.25%	2.515%
11	10.749	1313	1321	1326	rBV	370761	672253	17.23%	1.481%
12	10.802	1326	1330	1337	rVB	104565	185122	4.75%	0.408%
13	11.407	1427	1433	1441	rBV4	20391	55561	1.42%	0.122%
14	12.406	1597	1603	1611	rBV	162324	271857	6.97%	0.599%
15	12.623	1634	1640	1651	rVB	147758	256560	6.58%	0.565%
16	13.211	1733	1740	1747	rVB	1662907	2531167	64.89%	5.578%
17	13.416	1770	1775	1782	rVB4	44185	73870	1.89%	0.163%
18	13.763	1826	1834	1842	rVB3	54989	152278	3.90%	0.336%
19	13.904	1852	1858	1863	rBV	119446	218510	5.60%	0.482%
20	13.957	1863	1867	1874	rVB2	57135	96135	2.46%	0.212%
21	14.139	1893	1898	1901	rBV2	53451	79148	2.03%	0.174%
22	14.303	1920	1926	1936	rBV2	63606	133121	3.41%	0.293%
23	14.580	1966	1973	1979	rVB	587705	945228	24.23%	2.083%
24	14.644	1980	1984	1987	rBV	26675	39441	1.01%	0.087%
25	14.797	2005	2010	2011	rBV4	41095	60002	1.54%	0.132%
26	14.985	2038	2042	2048	rVB4	44905	80641	2.07%	0.178%
27	15.061	2050	2055	2061	rVB	37247	56928	1.46%	0.125%
28	15.202	2073	2079	2084	rBV5	31129	57282	1.47%	0.126%
29	15.255	2084	2088	2093	rVB2	31009	46986	1.20%	0.104%
30	15.631	2146	2152	2157	rBV2	165792	260279	6.67%	0.574%
31	16.066	2219	2226	2235	rBV	1371180	2150175	55.12%	4.738%
32	16.313	2263	2268	2273	rVB7	27479	47958	1.23%	0.106%
33	16.636	2316	2323	2328	rBV	61973	121313	3.11%	0.267%
34	16.683	2328	2331	2336	rVB	41222	61133	1.57%	0.135%
35	16.789	2345	2349	2353	rVB2	33710	52232	1.34%	0.115%
36	16.977	2377	2381	2389	rVB2	82581	133755	3.43%	0.295%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.147	2406	2410	2416	rVB	105802	149346	3.83%	0.329%
38	17.241	2422	2426	2430	rBV2	37065	55494	1.42%	0.122%
39	17.329	2434	2441	2444	rVV	743509	1148981	29.46%	2.532%
40	17.370	2444	2448	2456	rVV	1243453	1859406	47.67%	4.098%
41	17.458	2459	2463	2469	rVB	95592	141639	3.63%	0.312%
42	17.523	2470	2474	2480	rVB5	22319	44429	1.14%	0.098%
43	17.641	2490	2494	2499	rVB6	29568	51495	1.32%	0.113%
44	17.858	2527	2531	2536	rBV	42980	56815	1.46%	0.125%
45	17.911	2536	2540	2546	rVB	112696	168927	4.33%	0.372%
46	18.052	2560	2564	2570	rVB	59405	108158	2.77%	0.238%
47	18.122	2572	2576	2581	rVV5	51881	75824	1.94%	0.167%
48	18.211	2586	2591	2594	rVV	444941	701718	17.99%	1.546%
49	18.252	2594	2598	2606	rVV2	641157	1265038	32.43%	2.788%
50	18.340	2609	2613	2617	rVV	56518	89591	2.30%	0.197%
51	18.399	2617	2623	2627	rVV2	393551	721860	18.51%	1.591%
52	18.440	2627	2630	2635	rVB	254309	339002	8.69%	0.747%
53	18.545	2643	2648	2654	rVV8	35025	69319	1.78%	0.153%
54	18.604	2656	2658	2663	rVB3	36032	45081	1.16%	0.099%
55	18.704	2671	2675	2679	rBV2	139666	215957	5.54%	0.476%
56	18.739	2679	2681	2688	rVB3	110590	154018	3.95%	0.339%
57	18.957	2714	2718	2721	rVB	90804	121055	3.10%	0.267%
58	19.004	2722	2726	2730	rVV	149726	199254	5.11%	0.439%
59	19.045	2730	2733	2737	rVB	107135	140025	3.59%	0.309%
60	19.121	2741	2746	2751	rBV	276905	453154	11.62%	0.999%
61	19.180	2751	2756	2760	rVV3	154237	286139	7.34%	0.631%
62	19.215	2760	2762	2765	rVV	77035	84918	2.18%	0.187%
63	19.262	2765	2770	2778	rVB3	137376	270544	6.94%	0.596%
64	19.386	2785	2791	2797	rBV	929584	1358596	34.83%	2.994%
65	19.515	2809	2813	2820	rVB4	158940	286759	7.35%	0.632%
66	19.580	2820	2824	2827	rVB3	79711	103290	2.65%	0.228%
67	19.627	2828	2832	2836	rBV	62126	91240	2.34%	0.201%
68	19.744	2844	2852	2862	rBV	1335851	2130850	54.63%	4.696%
69	19.826	2863	2866	2872	rVB2	111245	159242	4.08%	0.351%
70	19.956	2883	2888	2898	rVB	2885098	3900678	100.00%	8.596%
71	20.079	2903	2909	2919	rBV3	174300	428896	11.00%	0.945%
72	20.161	2920	2923	2926	rVV3	48373	59970	1.54%	0.132%
73	20.208	2927	2931	2932	rVV3	147447	188348	4.83%	0.415%
74	20.238	2933	2936	2942	rVB	255713	400374	10.26%	0.882%
75	20.343	2950	2954	2958	rVB2	146593	178854	4.59%	0.394%
76	20.402	2959	2964	2968	rVV	288317	392612	10.07%	0.865%

LSC Area Percent Report

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Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.537	2983	2987	2991	rBV	240270	314492	8.06%	0.693%
78	20.584	2991	2995	2999	rVB	196725	264107	6.77%	0.582%
79	20.790	3028	3030	3033	rBV3	46929	52948	1.36%	0.117%
80	20.996	3062	3065	3073	rVB2	160337	256451	6.57%	0.565%
81	21.160	3089	3093	3094	rBV2	102334	137125	3.52%	0.302%
82	21.225	3101	3104	3107	rVB	106397	114070	2.92%	0.251%
83	21.278	3107	3113	3118	rBV3	434596	752286	19.29%	1.658%
84	21.518	3151	3154	3158	rBV	102987	139398	3.57%	0.307%
85	21.589	3158	3166	3171	rVV3	983137	2422912	62.12%	5.340%
86	21.636	3171	3174	3187	rVB	547026	974984	25.00%	2.149%
87	21.842	3205	3209	3219	rBV4	130281	284040	7.28%	0.626%
88	22.312	3286	3289	3295	rVB	203829	354006	9.08%	0.780%
89	22.382	3297	3301	3306	rVB2	132705	216806	5.56%	0.478%
90	22.453	3308	3313	3328	rVB4	422717	945126	24.23%	2.083%
91	23.739	3526	3532	3541	rBV2	242076	808618	20.73%	1.782%
92	23.945	3563	3567	3569	rBV2	118952	197904	5.07%	0.436%
93	23.986	3570	3574	3587	rVB2	366514	874833	22.43%	1.928%
94	24.439	3646	3651	3662	rVB2	247297	647423	16.60%	1.427%
95	24.585	3669	3676	3685	rVB	325550	867648	22.24%	1.912%
96	24.732	3693	3701	3709	rBV	476872	1270343	32.57%	2.800%

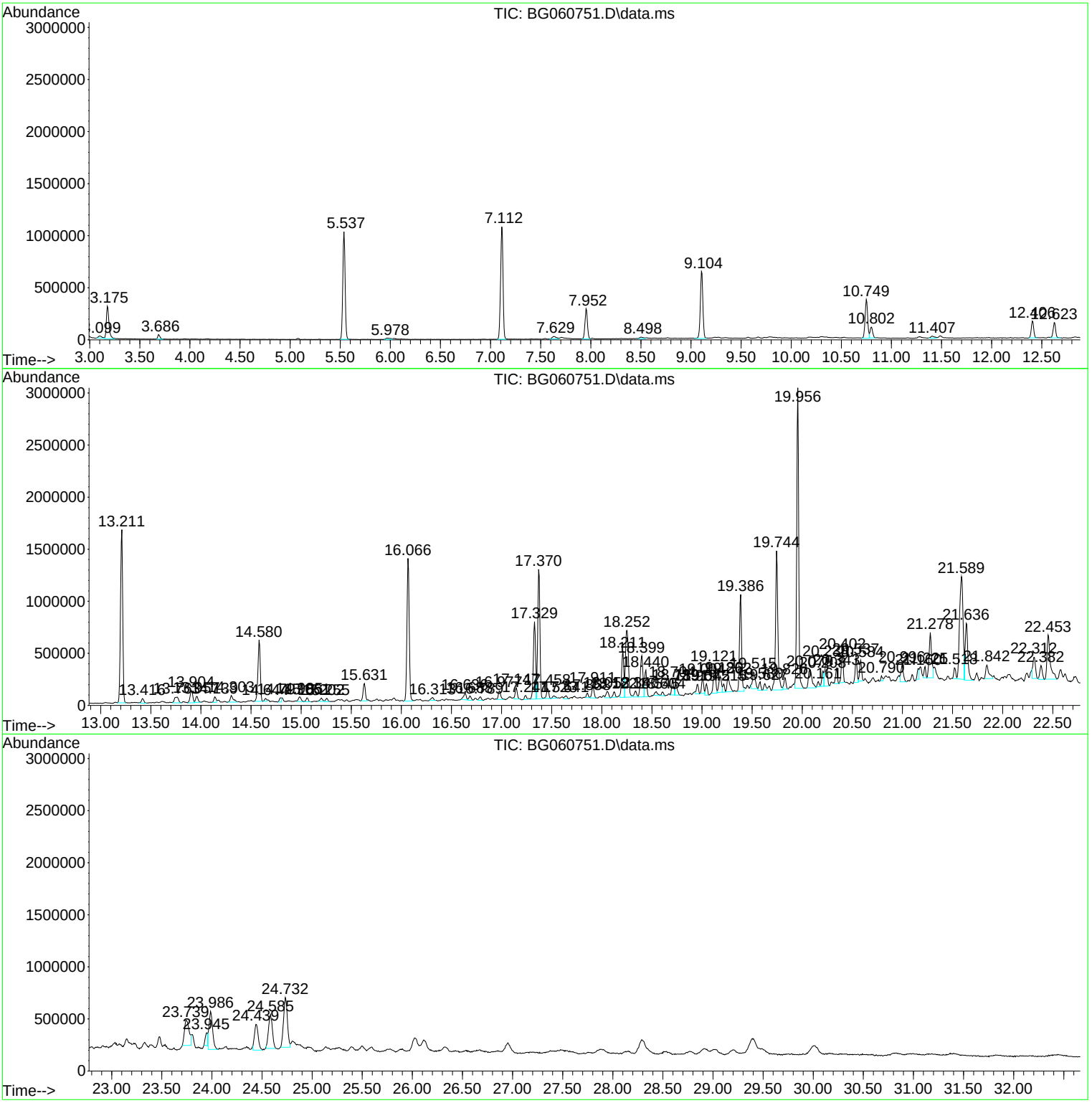
Sum of corrected areas: 45376866

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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\BG040224\
Data File : BG060751.D
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Sample : P1879-11
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Instrument :
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ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

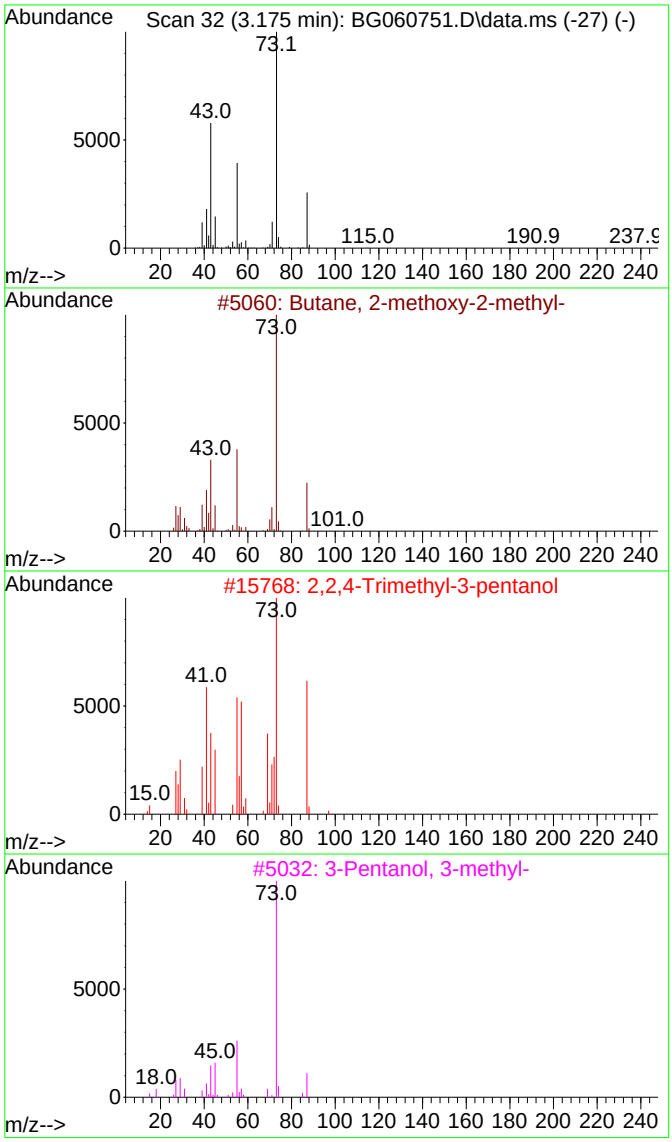
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

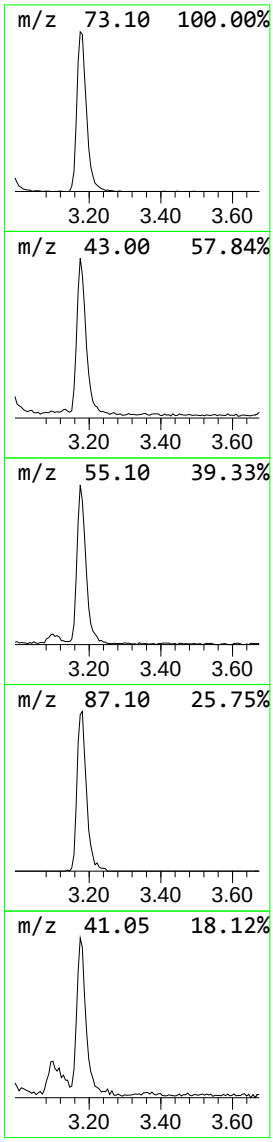
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.175	24.03 ng	578763	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	17
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

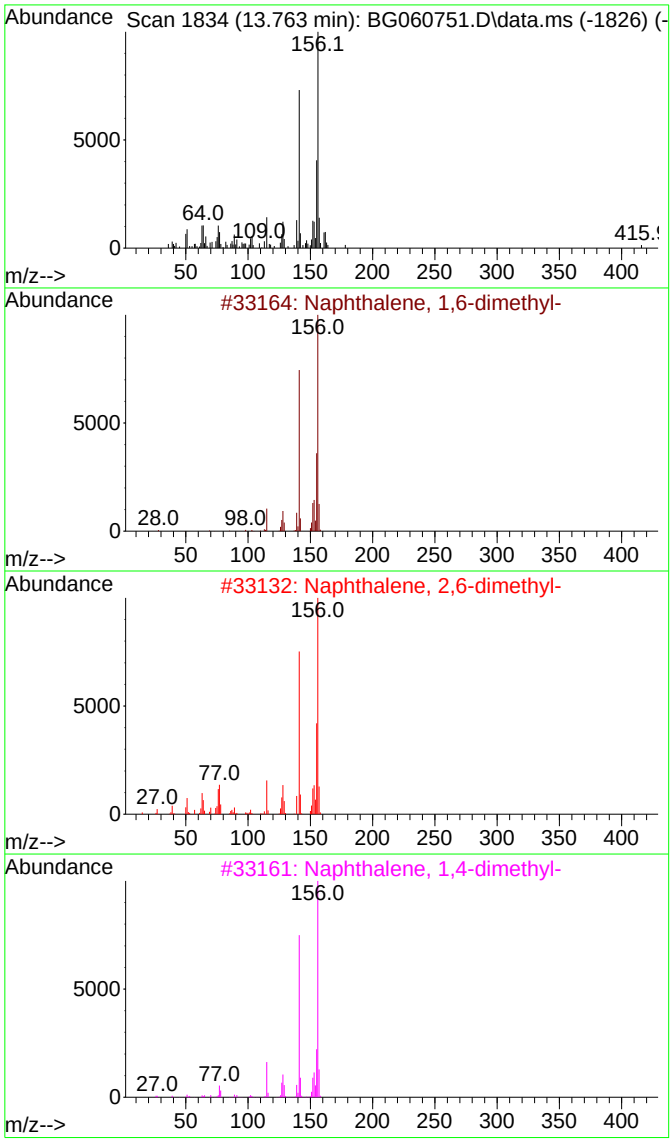
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

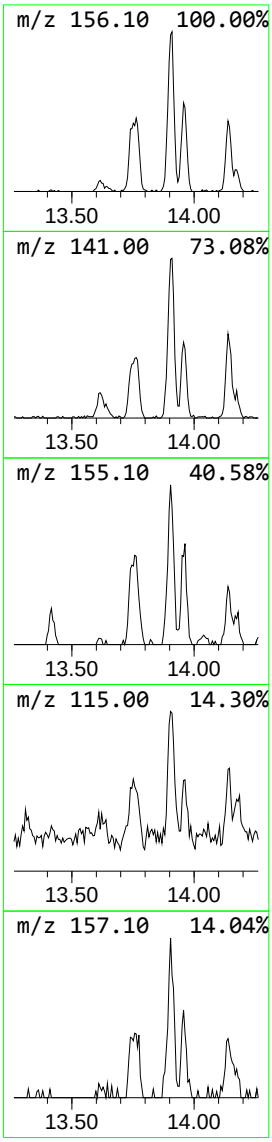
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.763	3.22 ng	152278	Acenaphthene-d10	14.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

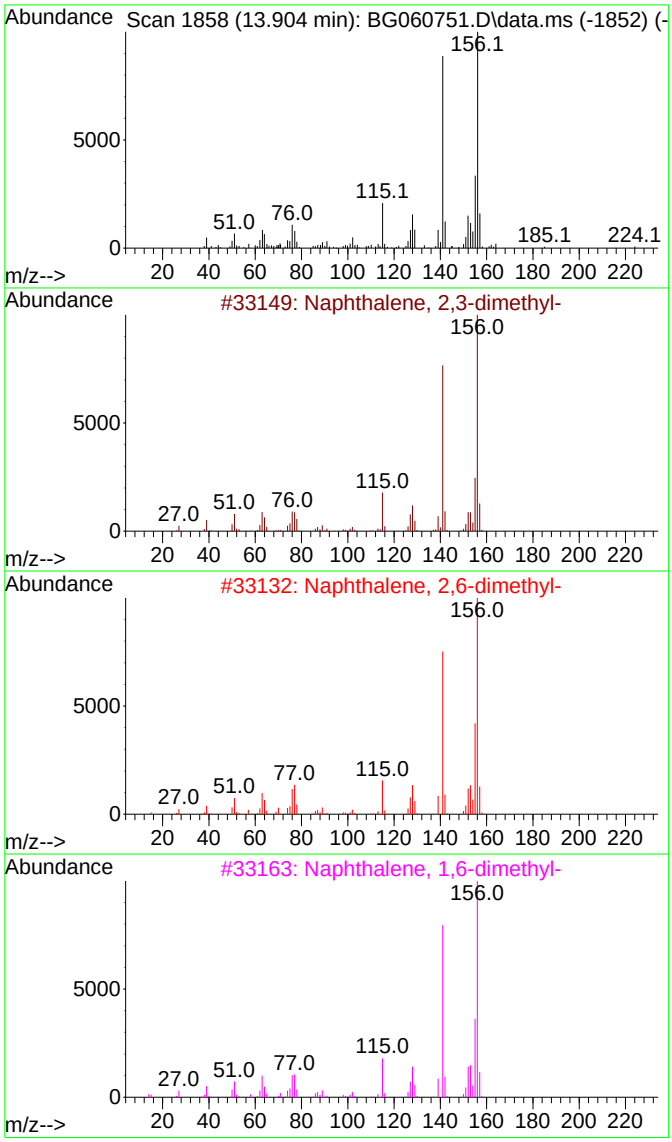
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

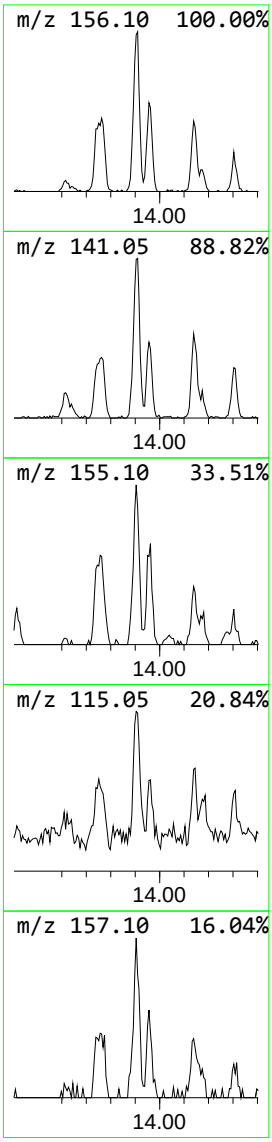
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.62 ng	218510	Acenaphthene-d10	14.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
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Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
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Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

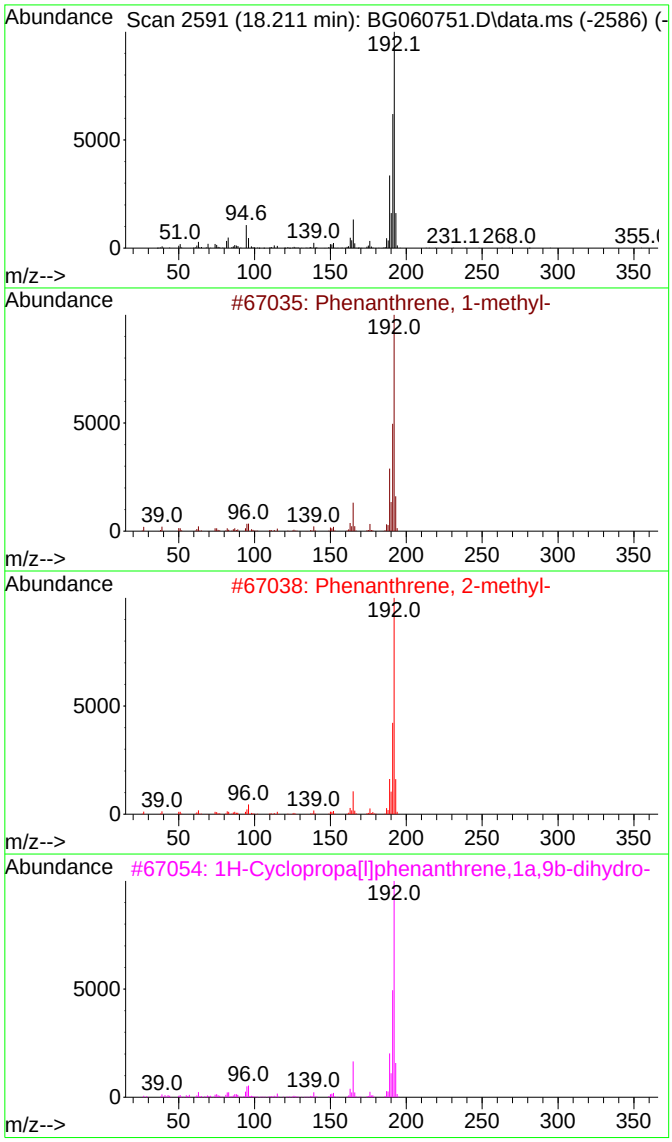
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

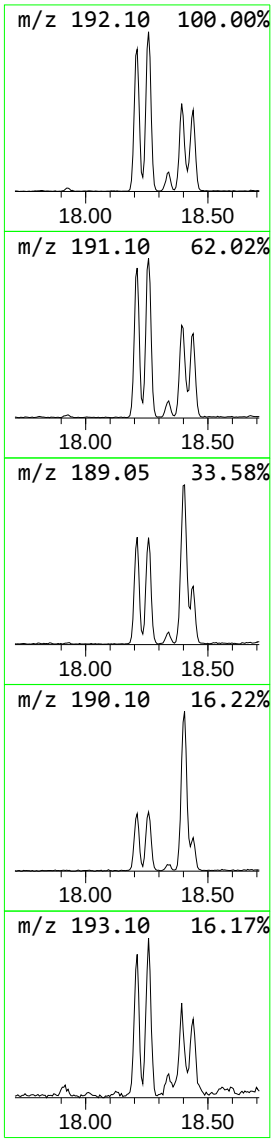
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.211	12.21 ng	701718	Phenanthrene-d10	17.329

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	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

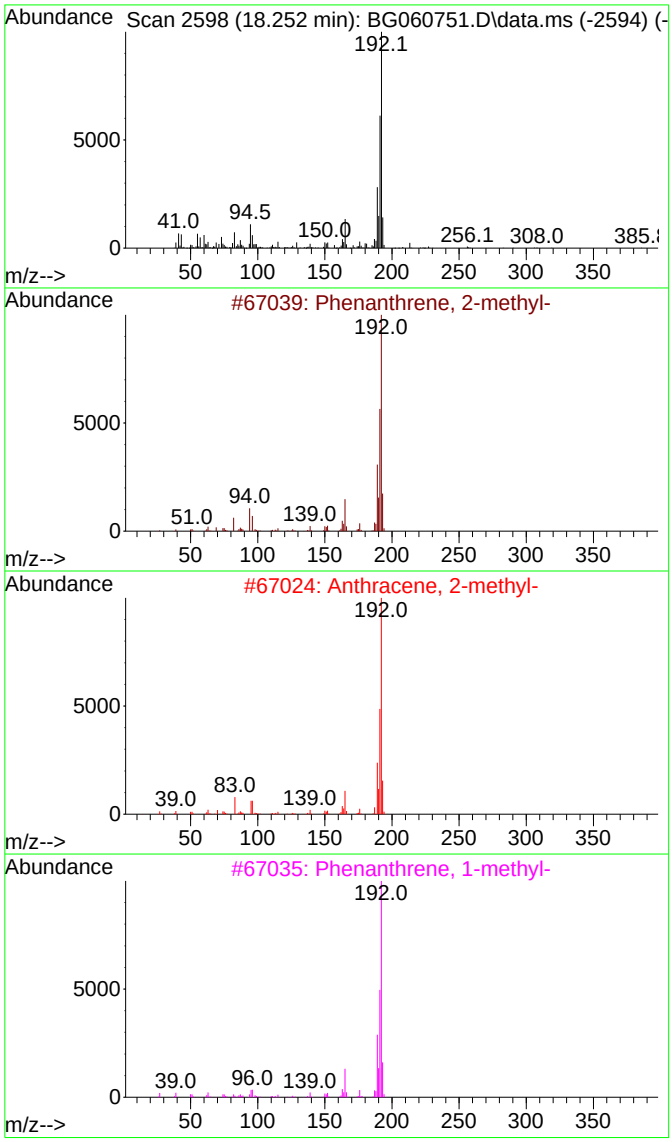
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

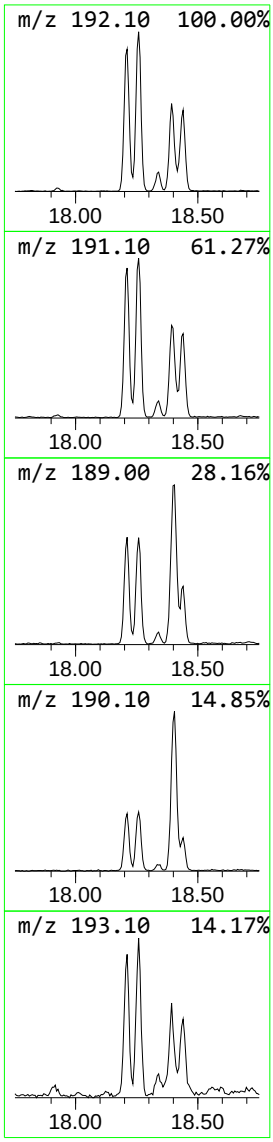
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.252	22.02 ng	1265040	Phenanthrene-d10	17.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
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ClientSampleId :
HS-03(0-6)

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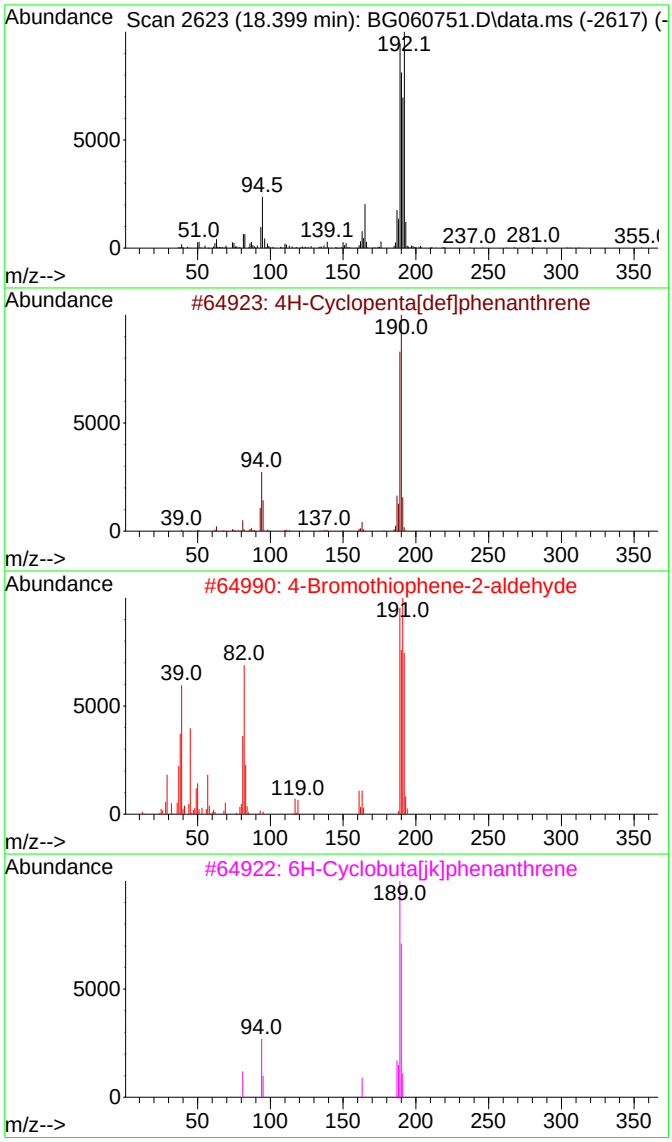
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

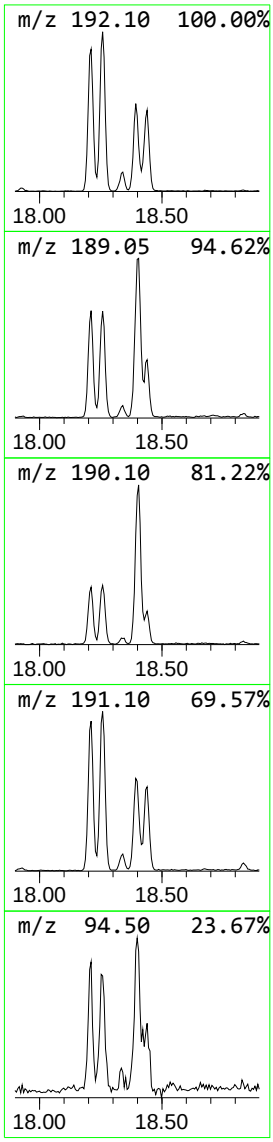
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.399	12.57 ng	721860	Phenanthrene-d10	17.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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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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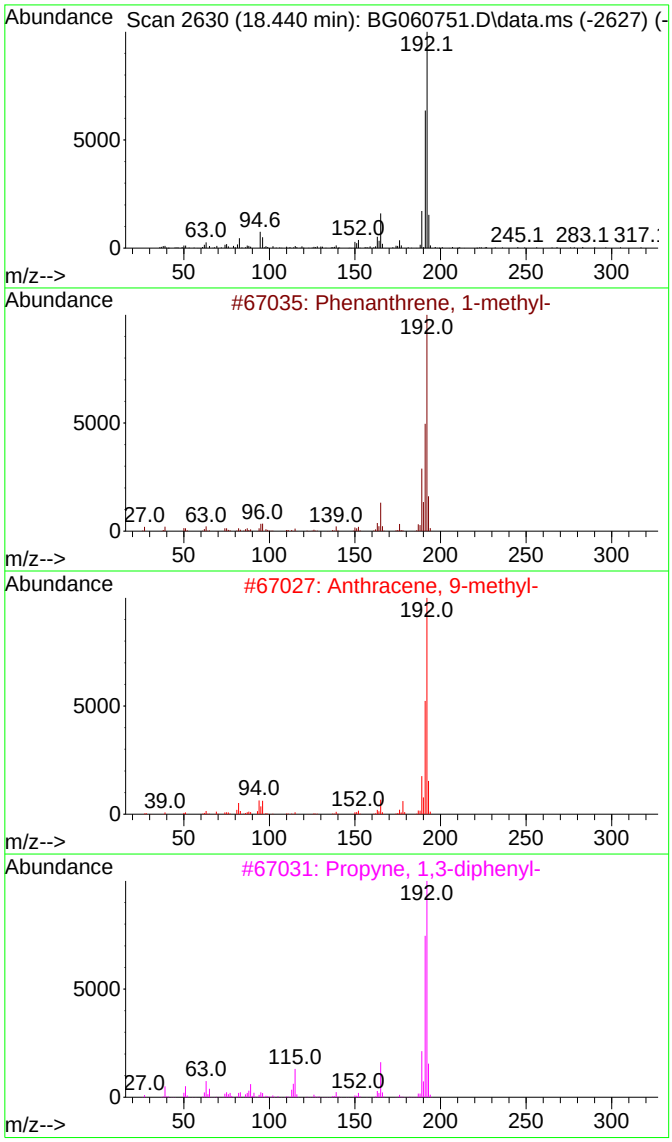
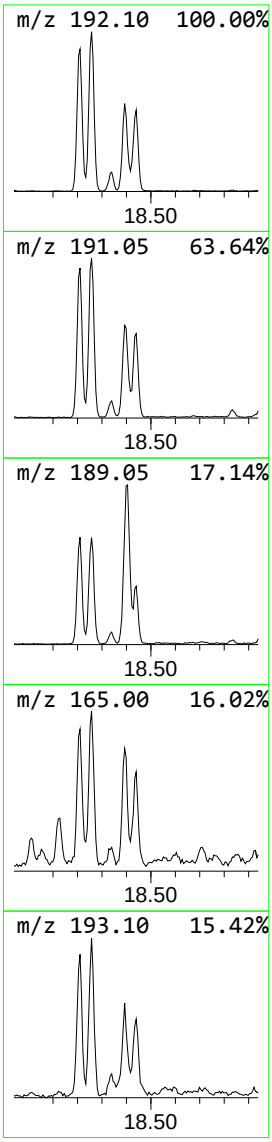
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.440	5.90 ng	339002	Phenanthrene-d10	17.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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ClientSampleId :
HS-03(0-6)

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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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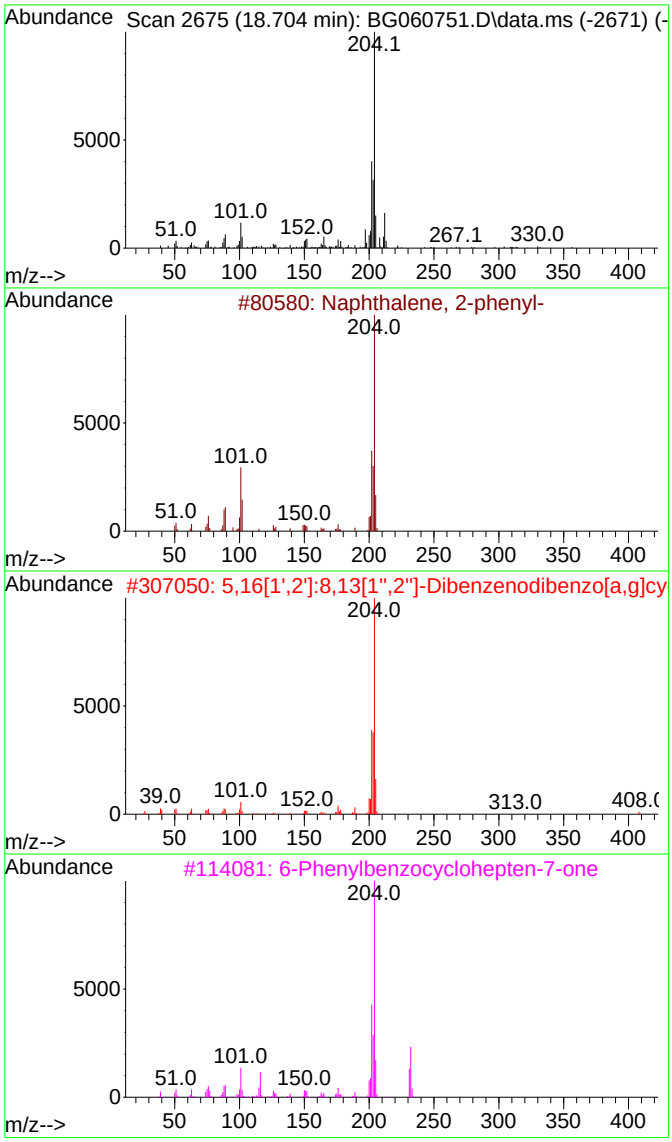
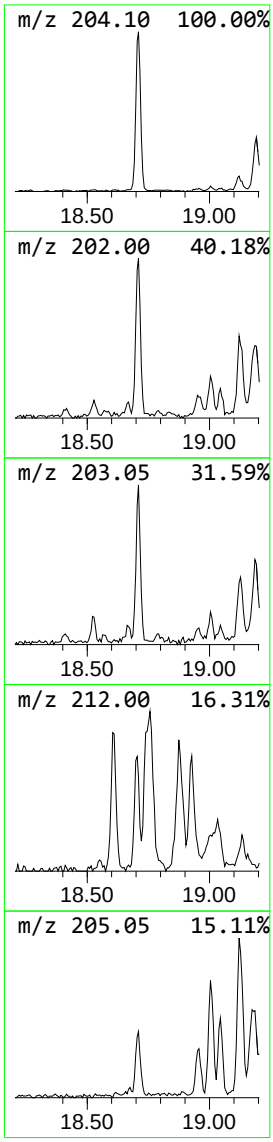
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.704	3.76 ng	215957	Phenanthrene-d10	17.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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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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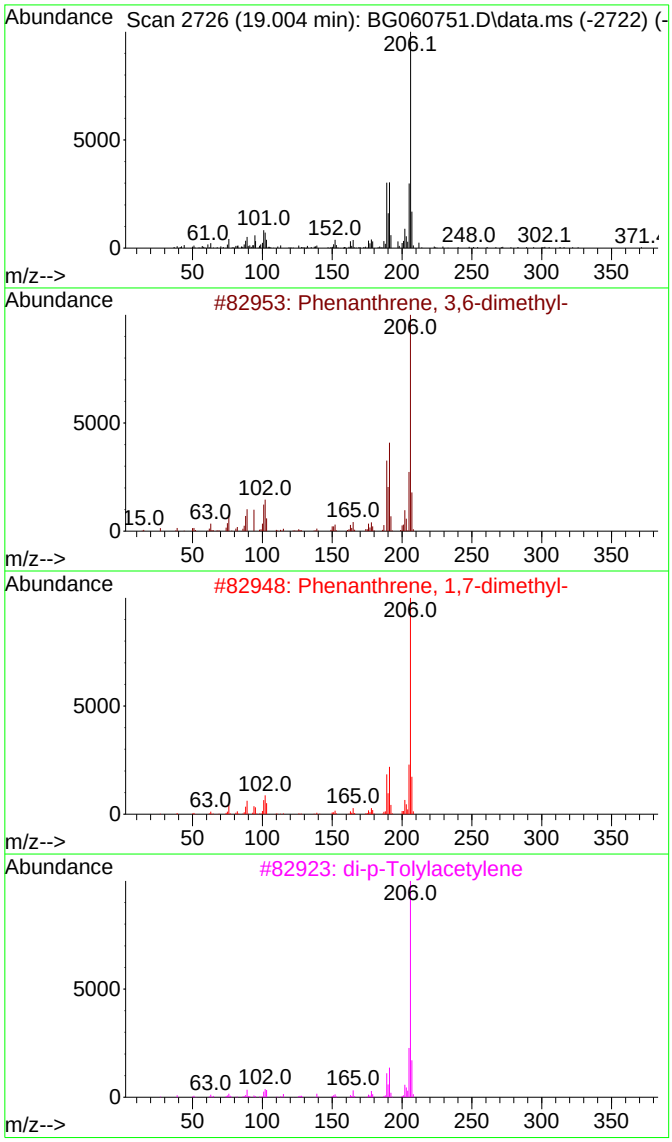
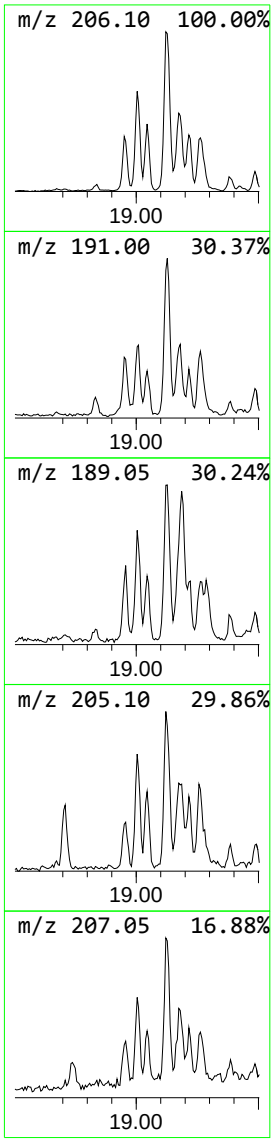
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	3.47 ng	199254	Phenanthrene-d10	17.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	83





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Sample : P1879-11
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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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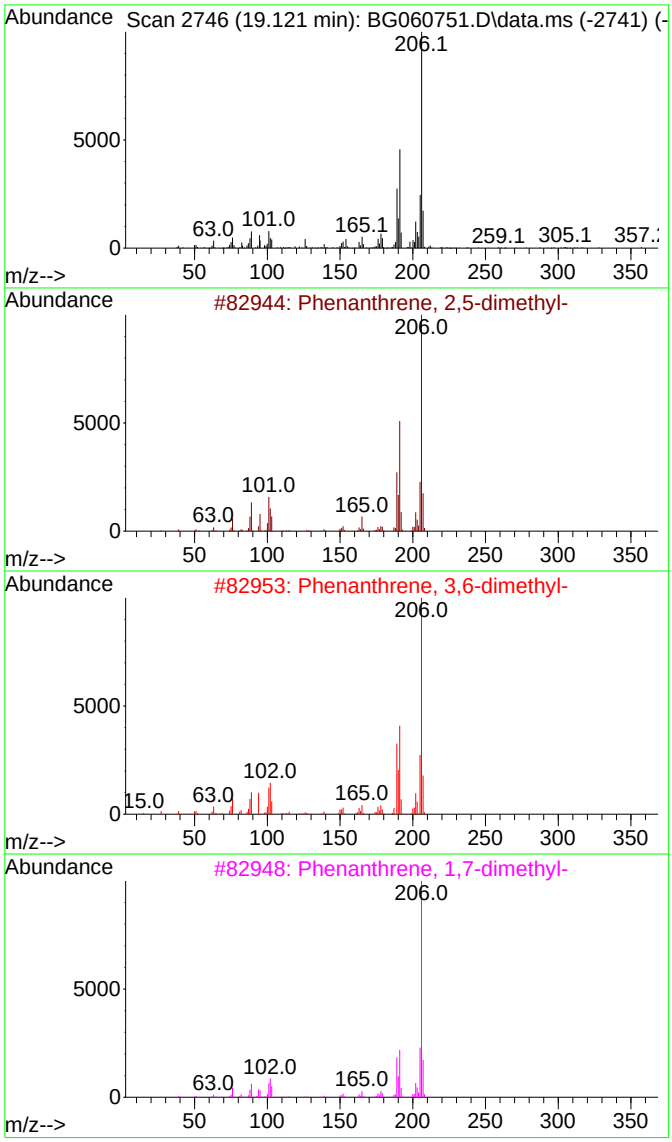
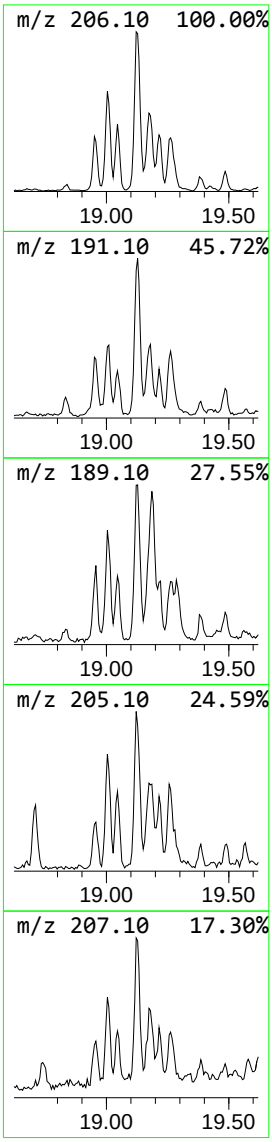
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.121	7.89 ng	453154	Phenanthrene-d10	17.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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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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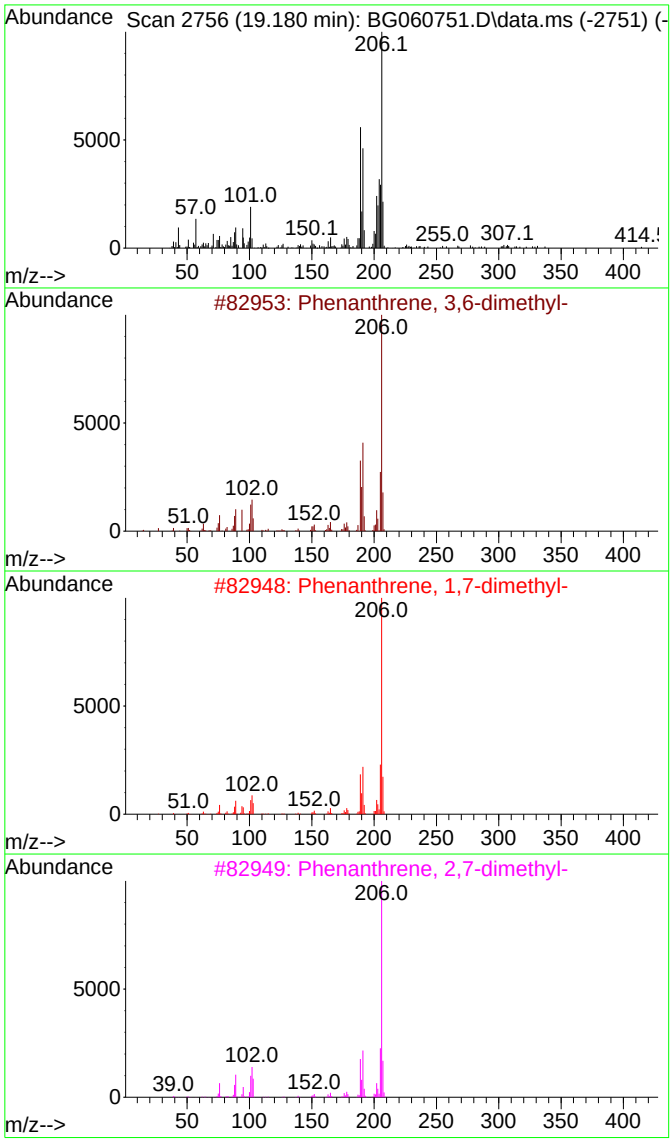
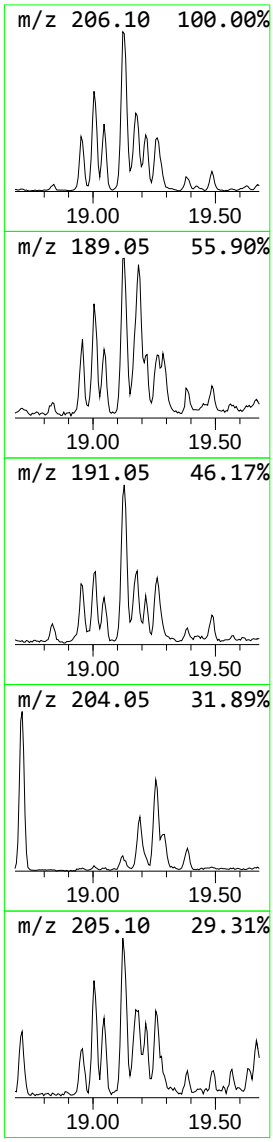
Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	4.98 ng	286139	Phenanthrene-d10	17.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	92
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	53
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	50





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Sample : P1879-11
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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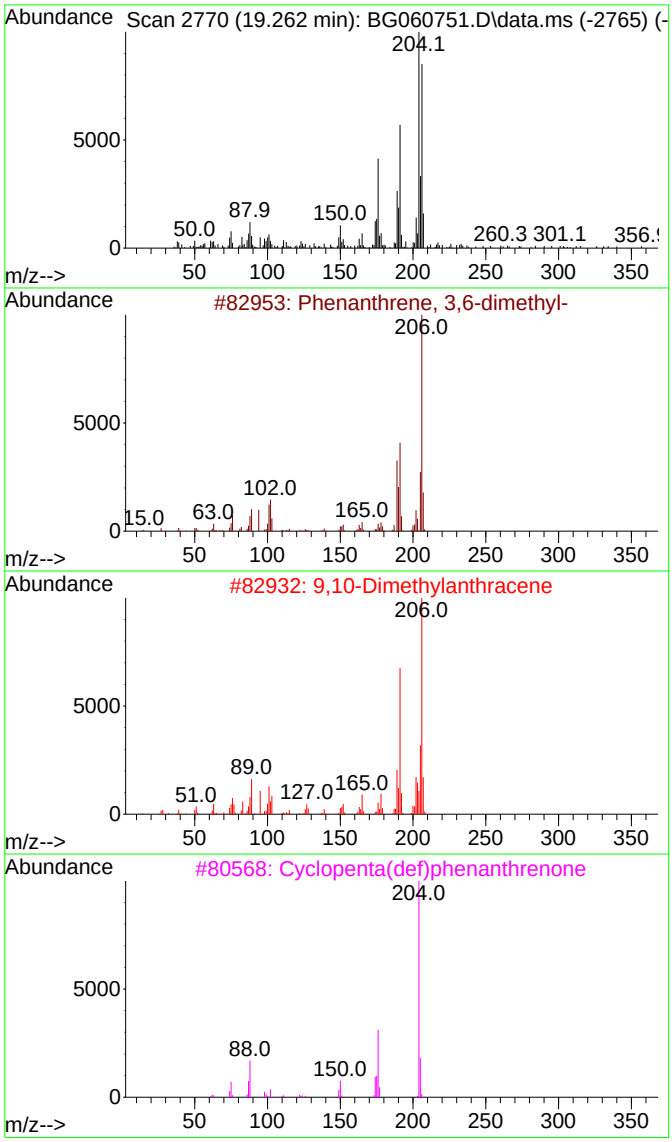
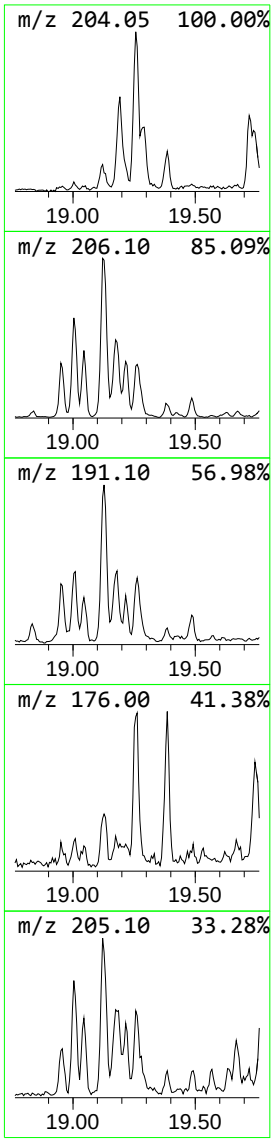
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.262	4.71 ng	270544	Phenanthrene-d10	17.329

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	49
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	49
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	45





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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
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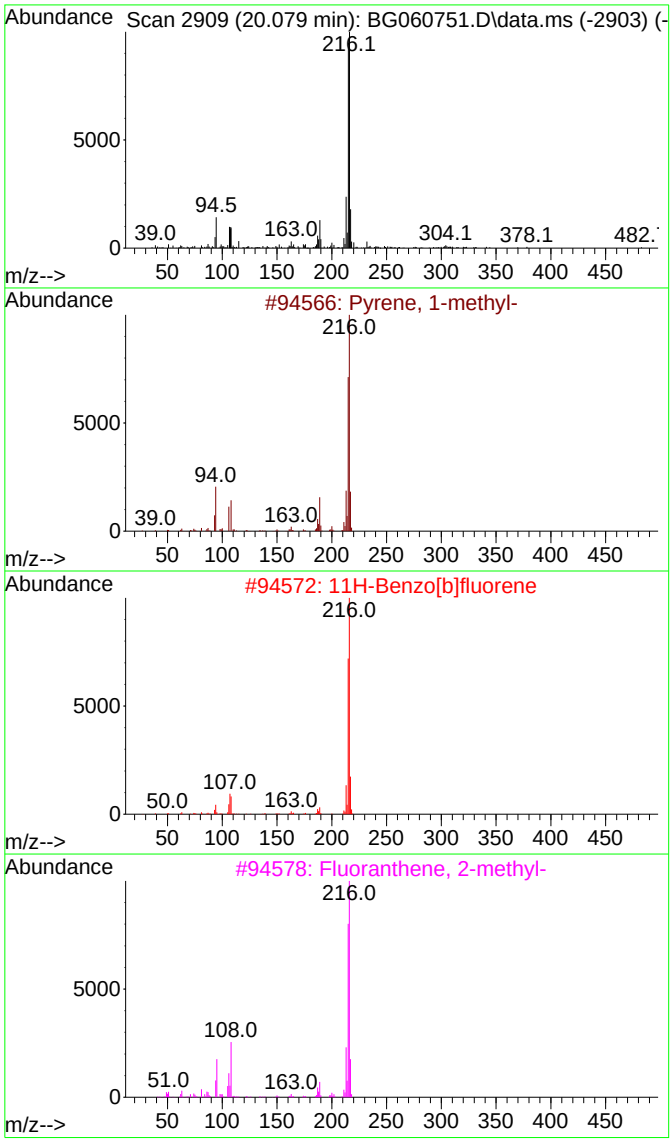
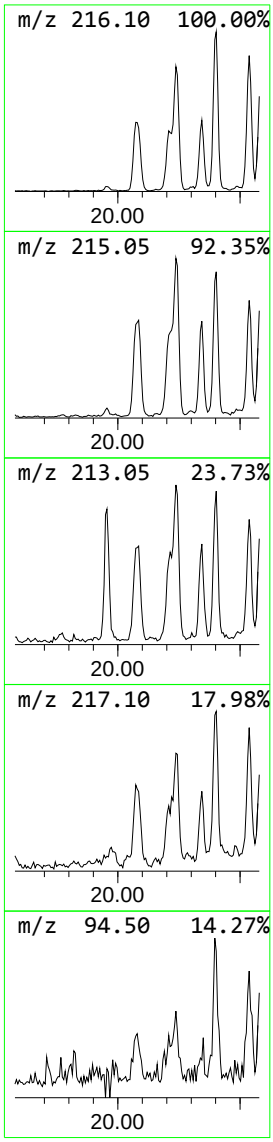
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.079	3.54 ng	428896	Chrysene-d12	21.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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

TIC Library : C:\Database\NIST20.L
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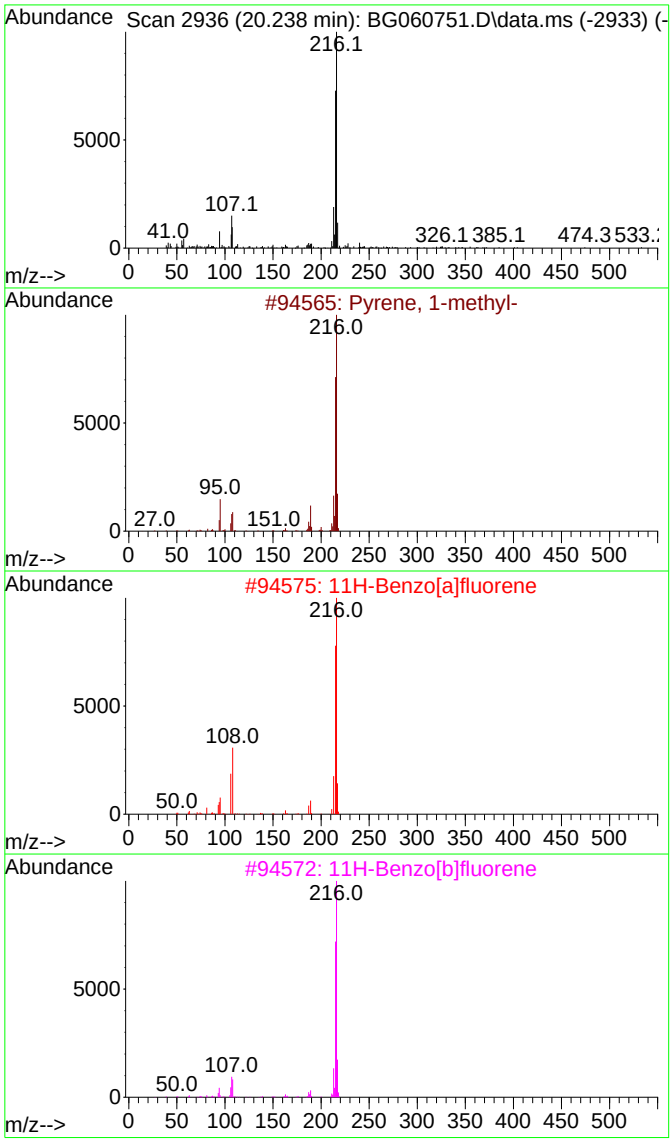
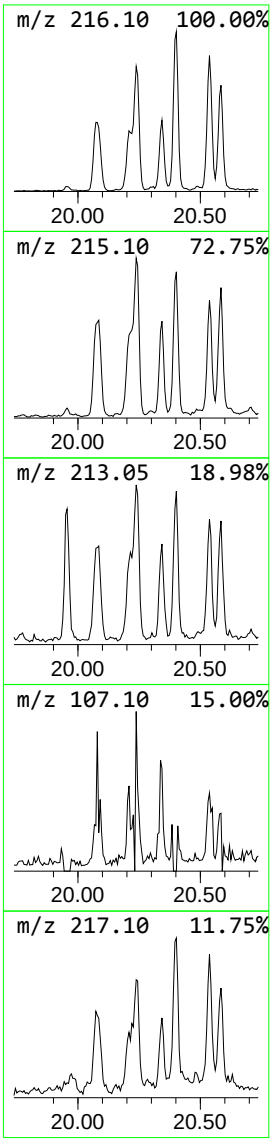
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.238	3.30 ng	400374	Chrysene-d12	21.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59





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TIC Library : C:\Database\NIST20.L
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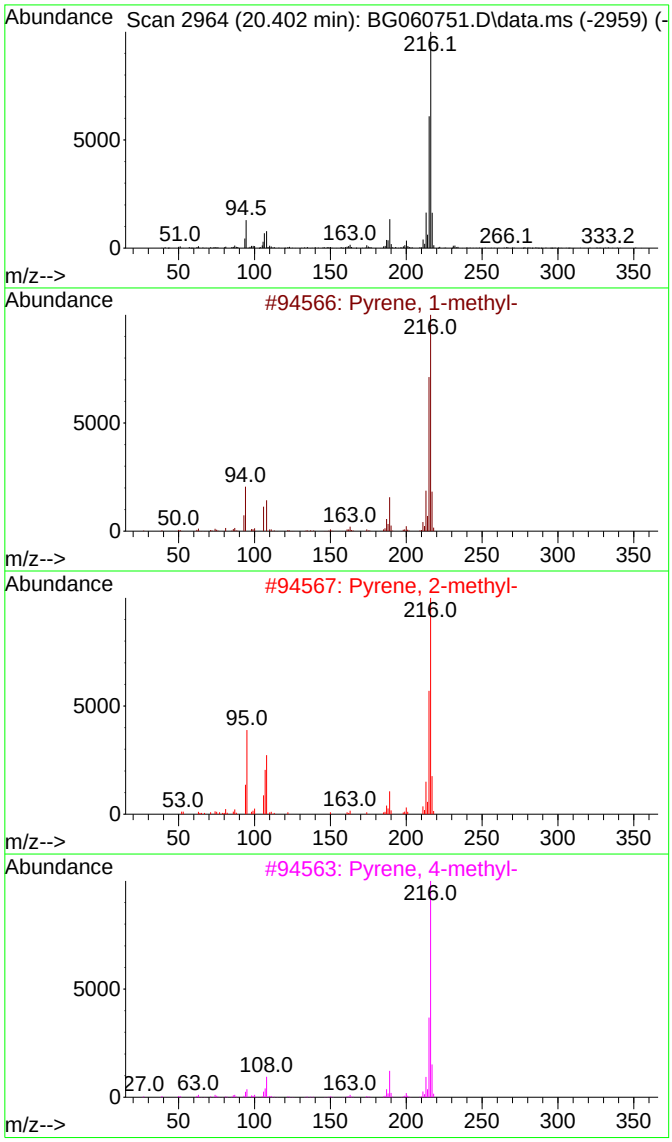
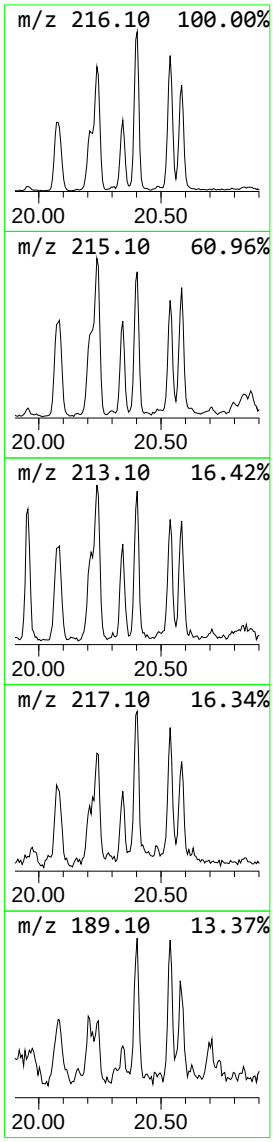
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.402	3.24 ng	392612	Chrysene-d12	21.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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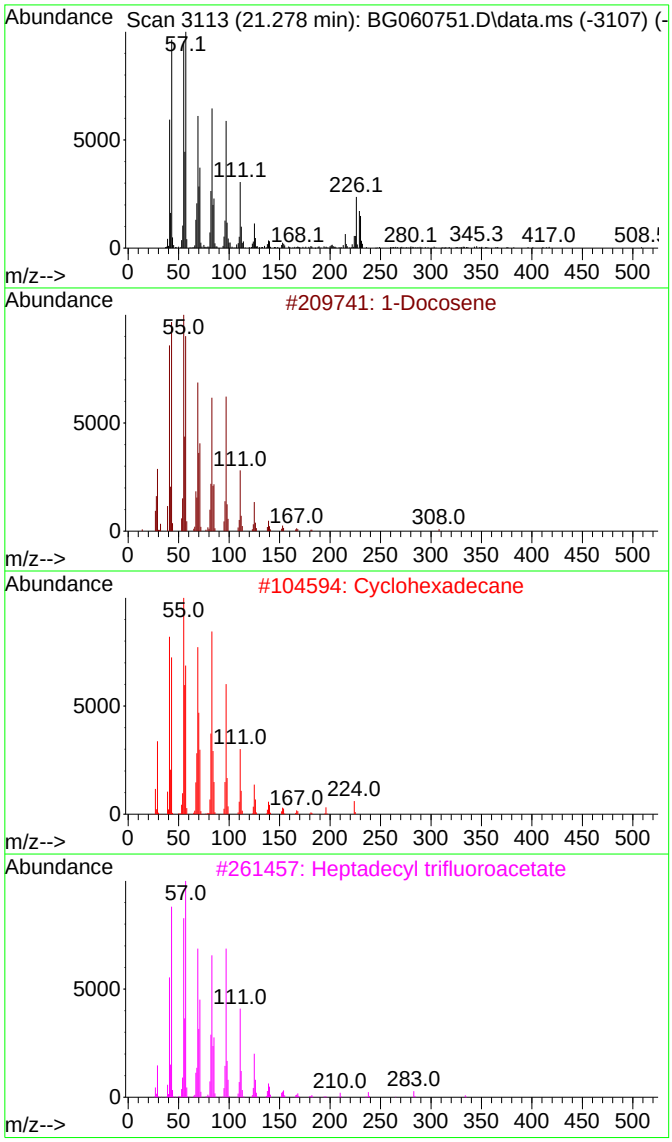
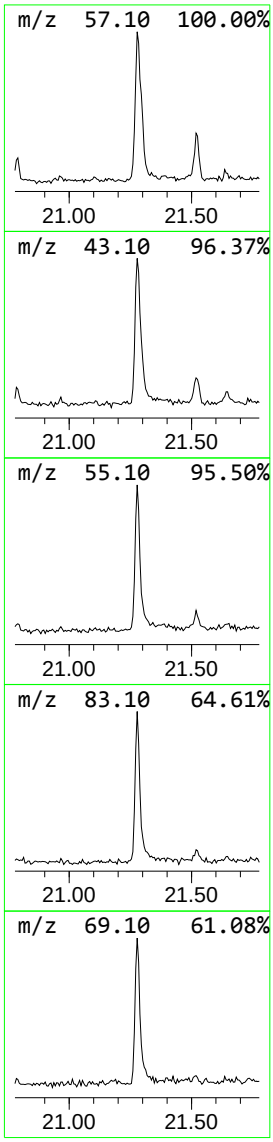
Peak Number 16 1-Docosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.278	6.21 ng	752286	Chrysene-d12	21.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	Cyclohexadecane	224	C16H32	000295-65-8	90
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	90
4	1-Dotriacontanol, acetate	509	C34H68O2	023811-94-1	83
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	83





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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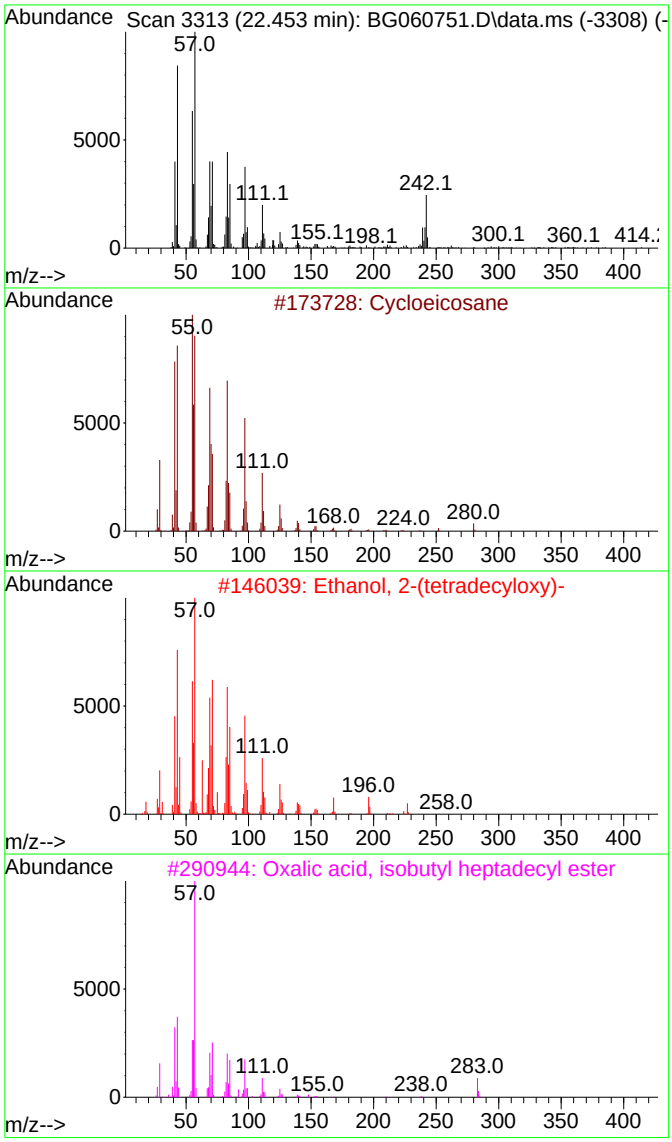
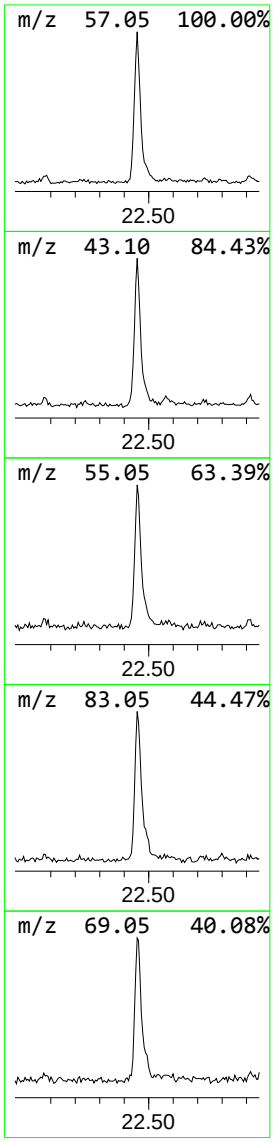
Peak Number 17 Cycloeicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.453	7.80 ng	945126	Chrysene-d12	21.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	87
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	74
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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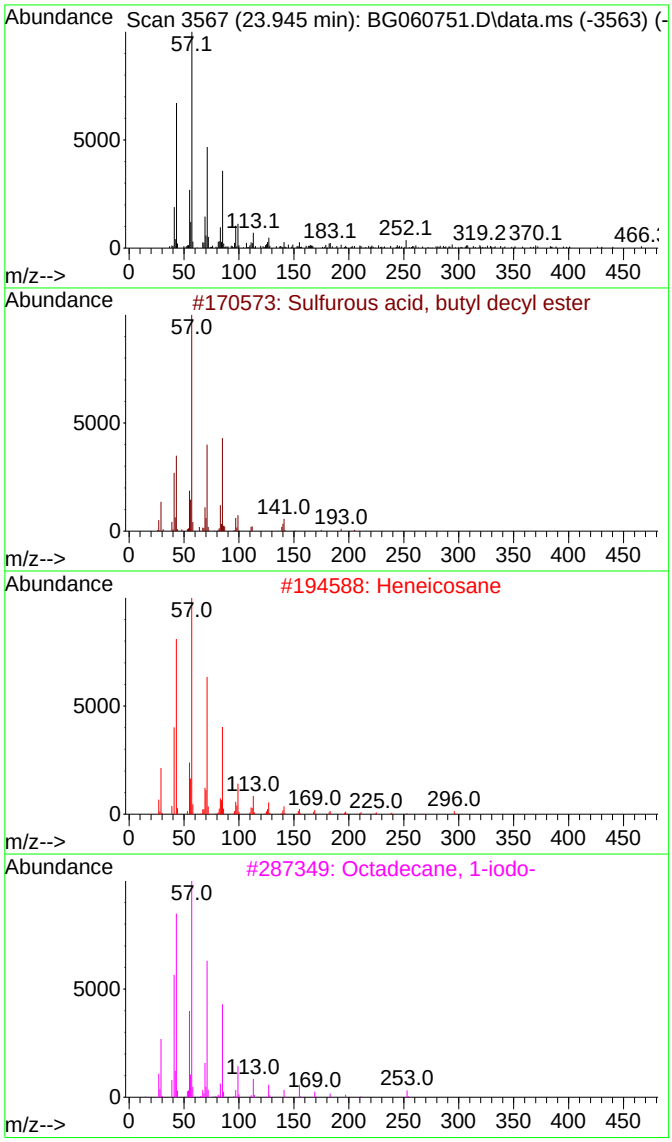
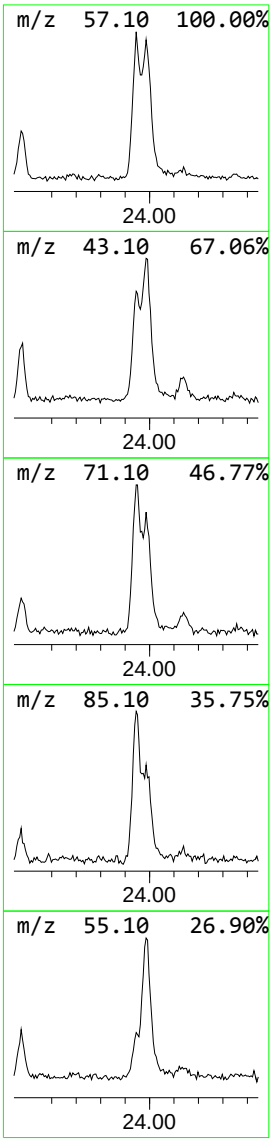
Peak Number 18 Sulfurous acid, butyl decyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.945	3.12 ng	197904	Perylene-d12	24.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	80
2	Heneicosane	296	C21H44	000629-94-7	72
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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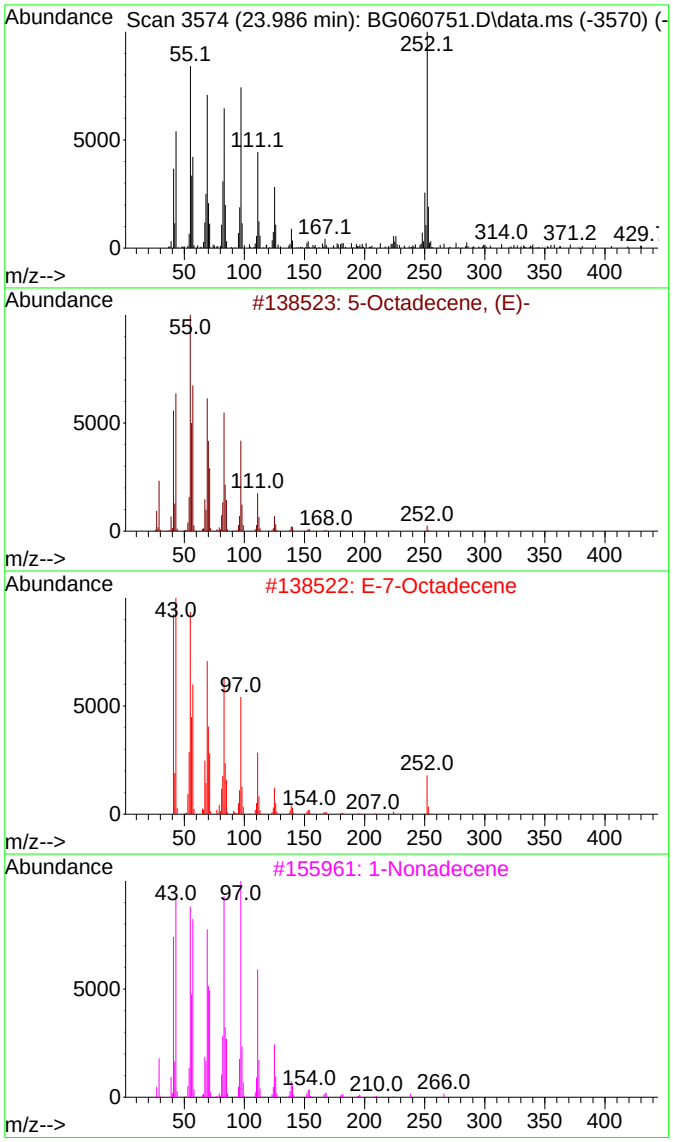
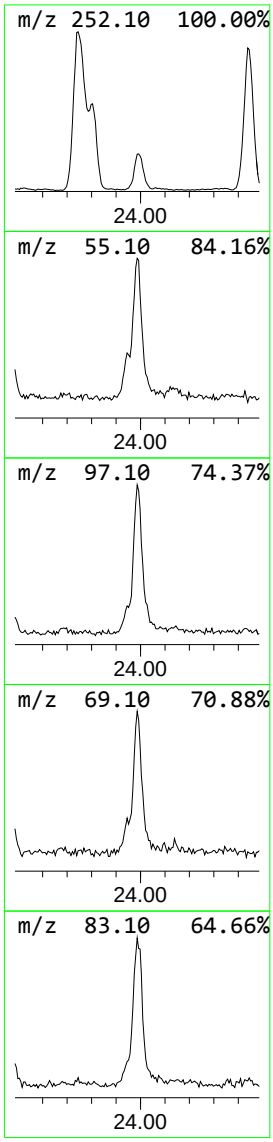
Peak Number 19 5-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.986	13.77 ng	874833	Perylene-d12	24.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	83
2	E-7-Octadecene	252	C18H36	1000130-92-0	83
3	1-Nonadecene	266	C19H38	018435-45-5	55
4	Octacosanol	410	C28H58O	000557-61-9	53
5	Benzo[a]pyrene	252	C20H12	000050-32-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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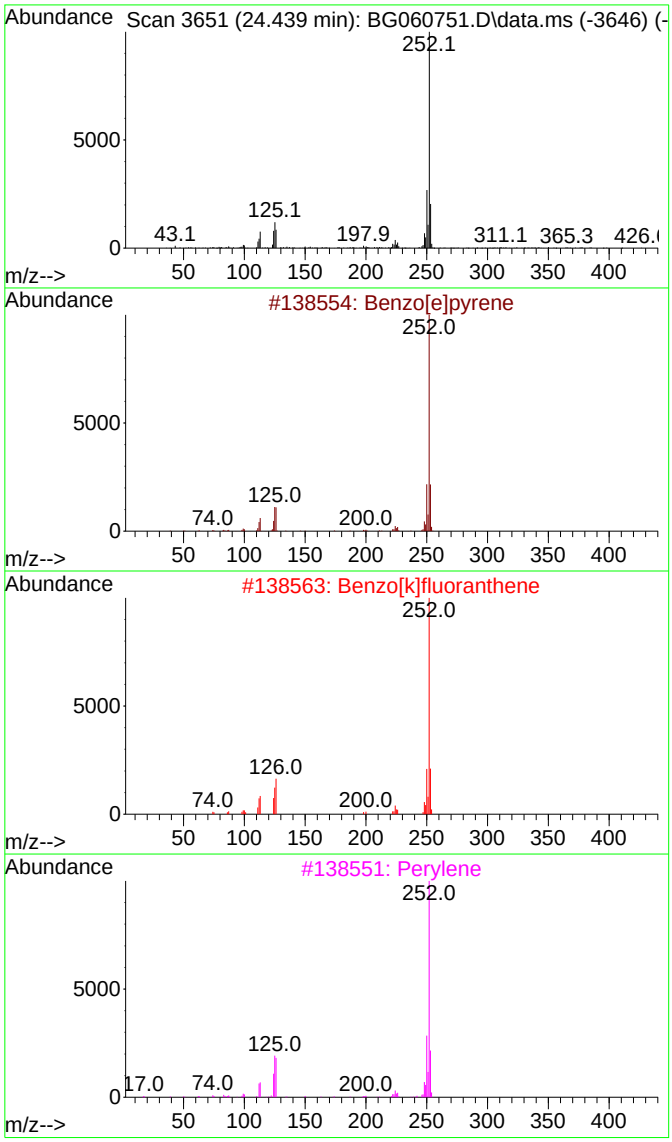
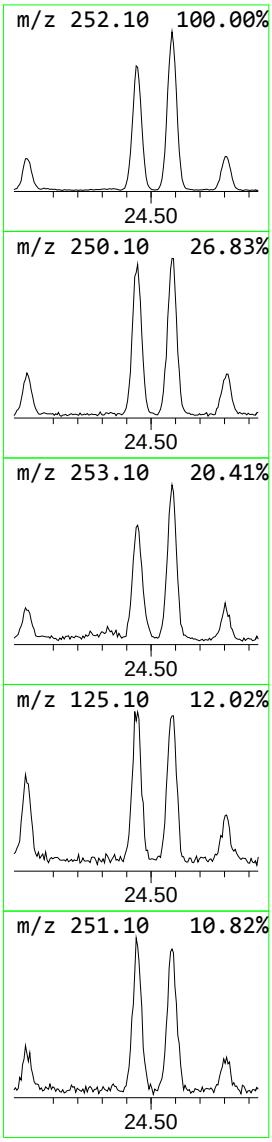
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.439	10.19 ng	647423	Perylene-d12	24.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060751.D
Acq On : 3 Apr 2024 00:10
Operator : MA/JU
Sample : P1879-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HS-03(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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
Butane, 2-metho...	3.175	24.0	ng	578763	1	7.952	481774	20.0
Naphthalene, 1,...	13.763	3.2	ng	152278	3	14.579	945228	20.0
Naphthalene, 2,...	13.904	4.6	ng	218510	3	14.579	945228	20.0
Phenanthrene, 1...	18.211	12.2	ng	701718	4	17.329	1148980	20.0
Phenanthrene, 2...	18.252	22.0	ng	1265040	4	17.329	1148980	20.0
4H-Cyclopenta[d...	18.399	12.6	ng	721860	4	17.329	1148980	20.0
Anthracene, 9-m...	18.440	5.9	ng	339002	4	17.329	1148980	20.0
Naphthalene, 2-...	18.704	3.8	ng	215957	4	17.329	1148980	20.0
Phenanthrene, 3...	19.004	3.5	ng	199254	4	17.329	1148980	20.0
Phenanthrene, 2...	19.121	7.9	ng	453154	4	17.329	1148980	20.0
Phenanthrene, 1...	19.180	5.0	ng	286139	4	17.329	1148980	20.0
9,10-Dimethylan...	19.262	4.7	ng	270544	4	17.329	1148980	20.0
Pyrene, 1-methyl-	20.079	3.5	ng	428896	5	21.595	2422910	20.0
11H-Benzo[a]flu...	20.238	3.3	ng	400374	5	21.595	2422910	20.0
Pyrene, 2-methyl-	20.402	3.2	ng	392612	5	21.595	2422910	20.0
1-Docosene	21.278	6.2	ng	752286	5	21.595	2422910	20.0
Cycloeicosane	22.453	7.8	ng	945126	5	21.595	2422910	20.0
Sulfurous acid,...	23.945	3.1	ng	197904	6	24.732	1270340	20.0
5-Octadecene, (E)-	23.986	13.8	ng	874833	6	24.732	1270340	20.0
Benzo[e]pyrene	24.439	10.2	ng	647423	6	24.732	1270340	20.0