LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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: BG060762.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.094	14	18	27	rBV4	28512	66537	1.98%	0.182%
2	3.177	27	32	47	rVB	471235	808649	24.07%	2.207%
3	3.688	113	119	128	rBV	38833	59961	1.78%	0.164%
4	5.538	427	434	445	rBV	1129521	1761809	52.44%	4.808%
5	7.113	693	702	713	rBV	1127996	1918794	57.11%	5.237%
6	7.953	837	845	852	rBV	240171	433237	12.90%	1.182%
7	9.111	1034	1042	1053	rBV	562398	992840	29.55%	2.710%
8	10.756	1312	1322	1327	rBV	322666	593995	17.68%	1.621%
9	10.803	1327	1330	1336	rVB	62083	99596	2.96%	0.272%
10	11.490	1440	1447	1452	rBV3	21072	36477	1.09%	0.100%
11	12.407	1597	1603	1609	rBV	34896	58690	1.75%	0.160%
12	12.630	1636	1641	1647	rVB	27709	44928	1.34%	0.123%
13	13.212	1733	1740	1748	rBV	1442605	2136850	63.60%	5.832%
14	13.758	1826	1833	1841	rBV4	13450	35460	1.06%	0.097%
15	13.905	1852	1858	1864	rBV3	25422	46814	1.39%	0.128%
16	14.587	1964	1974	1980	rBV	543986	880735	26.22%	2.404%
17	14.651	1980	1985	1992	rVB	131681	208308	6.20%	0.569%
18	14.798	2005	2010	2011	rBV3	30229	39399	1.17%	0.108%
19	14.898	2021	2027	2032	rVB4	23552	38503	1.15%	0.105%
20	14.980	2035	2041	2050	rVV	88046	152668	4.54%	0.417%
21	15.632	2146	2152	2159	rBV	172267	260862	7.76%	0.712%
22	15.762	2170	2174	2176	rVV3	28835	43984	1.31%	0.120%
23	15.797	2176	2180	2184	rVB3	36004	51830	1.54%	0.141%
24	15.926	2198	2202	2212	rVB2	36458	73364	2.18%	0.200%
25	16.073	2219	2227	2236	rBV	1322601	2060341	61.33%	5.623%
26	16.637	2312	2323	2327	rBV4	46542	117598	3.50%	0.321%
27	16.684	2328	2331	2337	rVB3	30674	47248	1.41%	0.129%
28	16.790	2344	2349	2354	rVB3	28442	49636	1.48%	0.135%
29	16.978	2378	2381	2390	rVB5	21230	43636	1.30%	0.119%
30	17.084	2390	2399	2405	rBV6	34250	100675	3.00%	0.275%
31	17.148	2406	2410	2416	rVB	73384	108810	3.24%	0.297%
32	17.331	2435	2441	2445	rBV	734705	1197968	35.66%	3.269%
33	17.378	2445	2449	2455	rVV	1439769	2138249	63.65%	5.836%
34	17.466	2456	2464	2469	rVV	286557	452096	13.46%	1.234%
35	17.524	2469	2474	2480	rVB3	30612	54771	1.63%	0.149%
36	17.730	2499	2509	2514	rBV	95638	174037	5.18%	0.475%

LSC Area Percent Report

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Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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	17.859	2528	2531	2535	rVV	28673	33877	1.01%	0.092%
38	17.912	2537	2540	2545	rVB2	31033	45754	1.36%	0.125%
39	18.059	2561	2565	2572	rVB2	19960	37983	1.13%	0.104%
40	18.212	2584	2591	2594	rBV	224550	346887	10.33%	0.947%
41	18.259	2594	2599	2605	rVV2	318388	646480	19.24%	1.764%
42	18.341	2607	2613	2618	rVV	94147	154469	4.60%	0.422%
43	18.406	2618	2624	2628	rVV2	294290	565476	16.83%	1.543%
44	18.441	2628	2630	2638	rVB	156189	191973	5.71%	0.524%
45	18.711	2672	2676	2679	rBV	141803	192070	5.72%	0.524%
46	18.741	2679	2681	2687	rVB2	88099	117517	3.50%	0.321%
47	18.835	2694	2697	2703	rVB	30675	46206	1.38%	0.126%
48	18.958	2714	2718	2722	rBV	57752	71587	2.13%	0.195%
49	19.011	2723	2727	2730	rBV2	33742	40948	1.22%	0.112%
50	19.046	2730	2733	2737	rVB2	38840	49856	1.48%	0.136%
51	19.128	2741	2747	2751	rBV2	110907	194032	5.78%	0.530%
52	19.187	2752	2757	2761	rBV4	70972	118966	3.54%	0.325%
53	19.264	2766	2770	2773	rBV2	54730	87401	2.60%	0.239%
54	19.387	2785	2791	2799	rBV	1549288	2202345	65.55%	6.011%
55	19.522	2811	2814	2819	rVB3	81664	107543	3.20%	0.294%
56	19.628	2829	2832	2837	rVB2	42556	59533	1.77%	0.162%
57	19.745	2843	2852	2861	rBV	1425145	2479404	73.80%	6.767%
58	19.816	2861	2864	2872	rVB3	69920	142847	4.25%	0.390%
59	19.957	2879	2888	2899	rBV	2443260	3359589	100.00%	9.169%
60	20.074	2903	2908	2915	rBV5	96978	243127	7.24%	0.664%
61	20.209	2928	2931	2933	rBV3	52995	78944	2.35%	0.215%
62	20.245	2933	2937	2941	rVB	228766	326114	9.71%	0.890%
63	20.292	2942	2945	2948	rBV	47145	52658	1.57%	0.144%
64	20.345	2949	2954	2958	rBV	212446	304341	9.06%	0.831%
65	20.403	2959	2964	2967	rBV2	131228	205934	6.13%	0.562%
66	20.539	2984	2987	2991	rVB2	76501	92176	2.74%	0.252%
67	20.586	2991	2995	3001	rBV	109086	153198	4.56%	0.418%
68	21.220	3101	3103	3107	rBV	75466	87285	2.60%	0.238%
69	21.279	3109	3113	3118	rVV3	99324	178373	5.31%	0.487%
70	21.590	3159	3166	3171	rBV2	919305	2195079	65.34%	5.991%
71	21.643	3171	3175	3184	rVB	516475	865571	25.76%	2.362%
72	21.790	3196	3200	3206	rBV	77857	127597	3.80%	0.348%
73	23.747	3527	3533	3540	rBV	247628	731281	21.77%	1.996%
74	24.452	3647	3653	3665	rVB2	170624	467064	13.90%	1.275%
75	24.587	3669	3676	3688	rVB	251266	685610	20.41%	1.871%
76	24.739	3694	3702	3710	rBV	449510	1164982	34.68%	3.179%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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

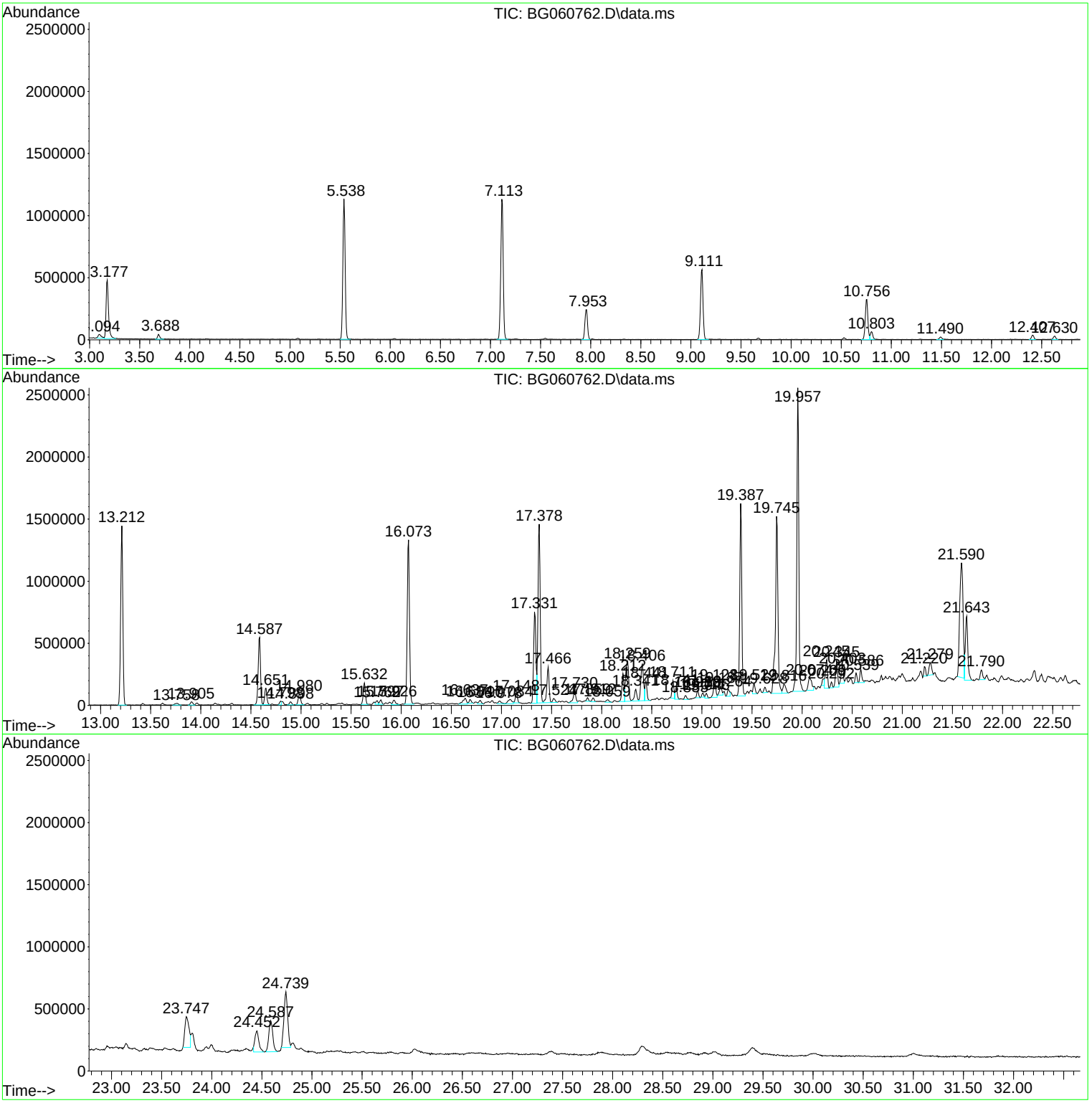
Sum of corrected areas: 36641432

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

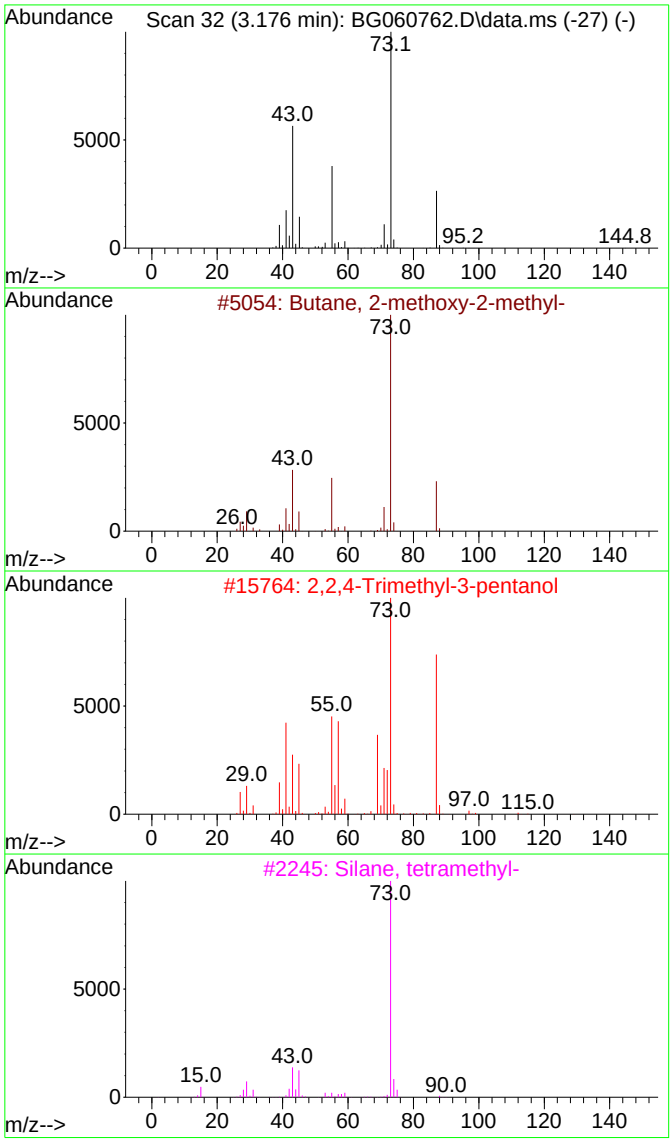
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

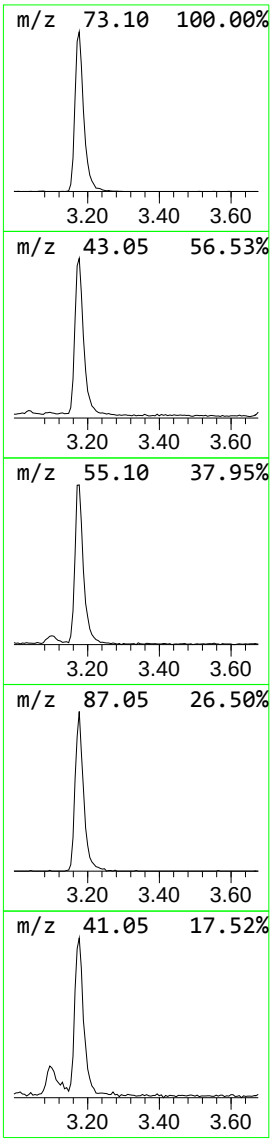
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.176	37.33 ng	808649	1,4-Dichlorobenzene-d4	7.959

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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

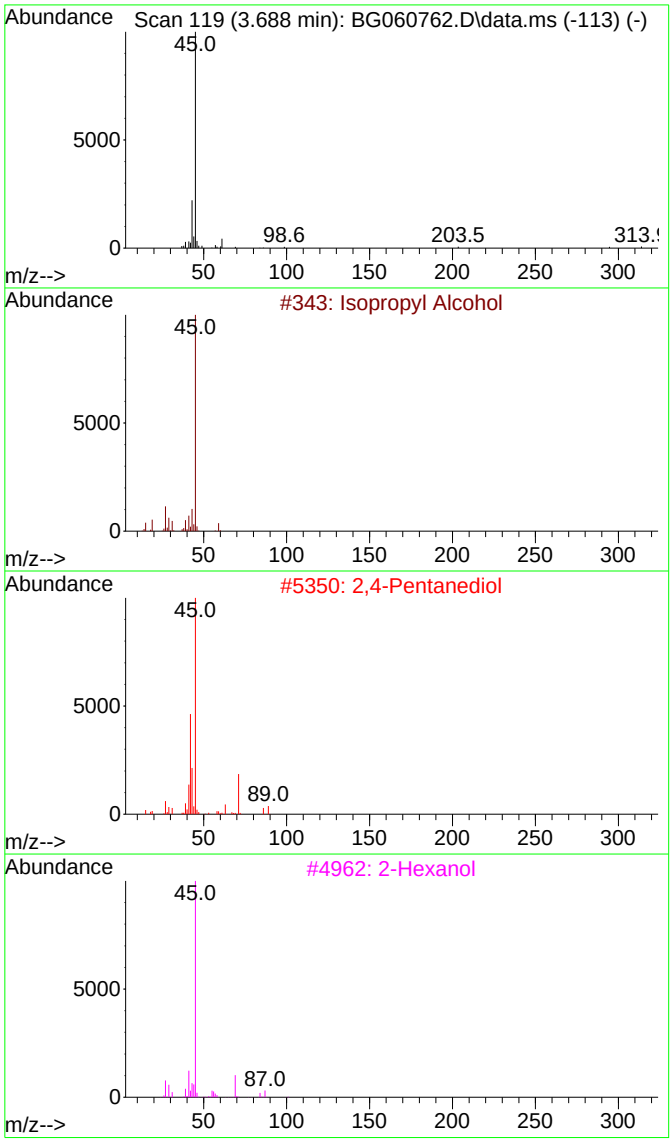
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

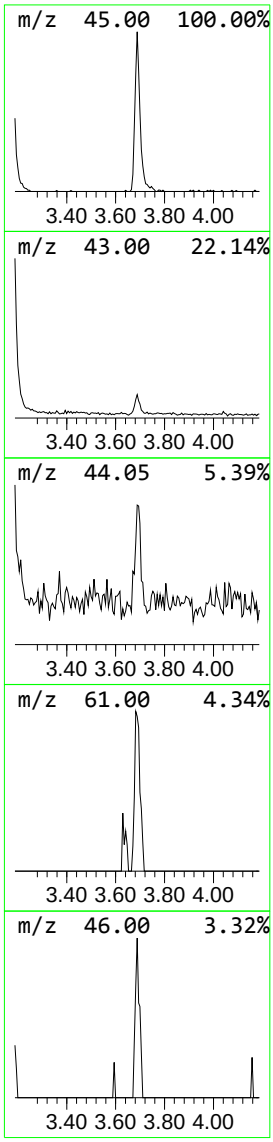
****

Peak Number 3 Isopropyl Alcohol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.688	2.77 ng	59961	1,4-Dichlorobenzene-d4	7.959

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
2	2,4-Pentanediol	104	C5H12O2	000625-69-4	9
3	2-Hexanol	102	C6H14O	000626-93-7	9
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
5	Ethane, 1,1-diethoxy-	118	C6H14O2	000105-57-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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

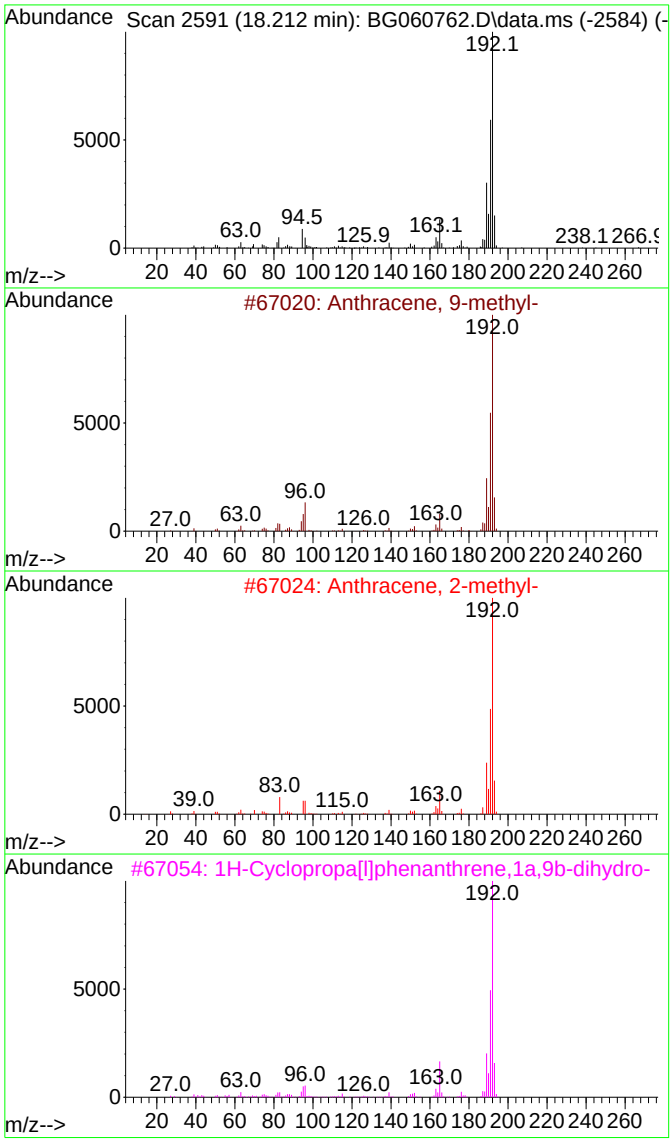
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

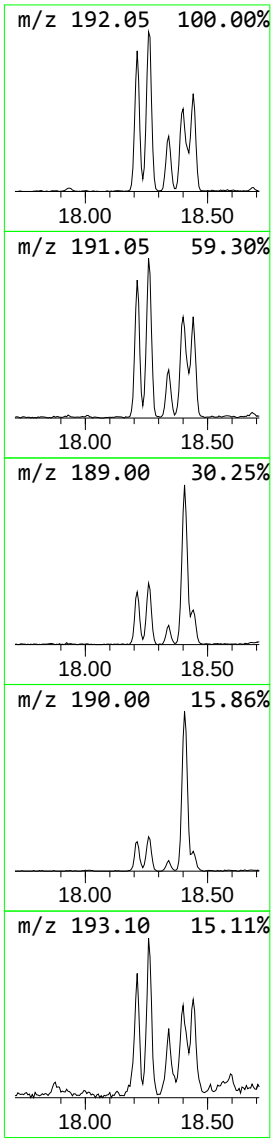
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.212	5.79 ng	346887	Phenanthrene-d10	17.331

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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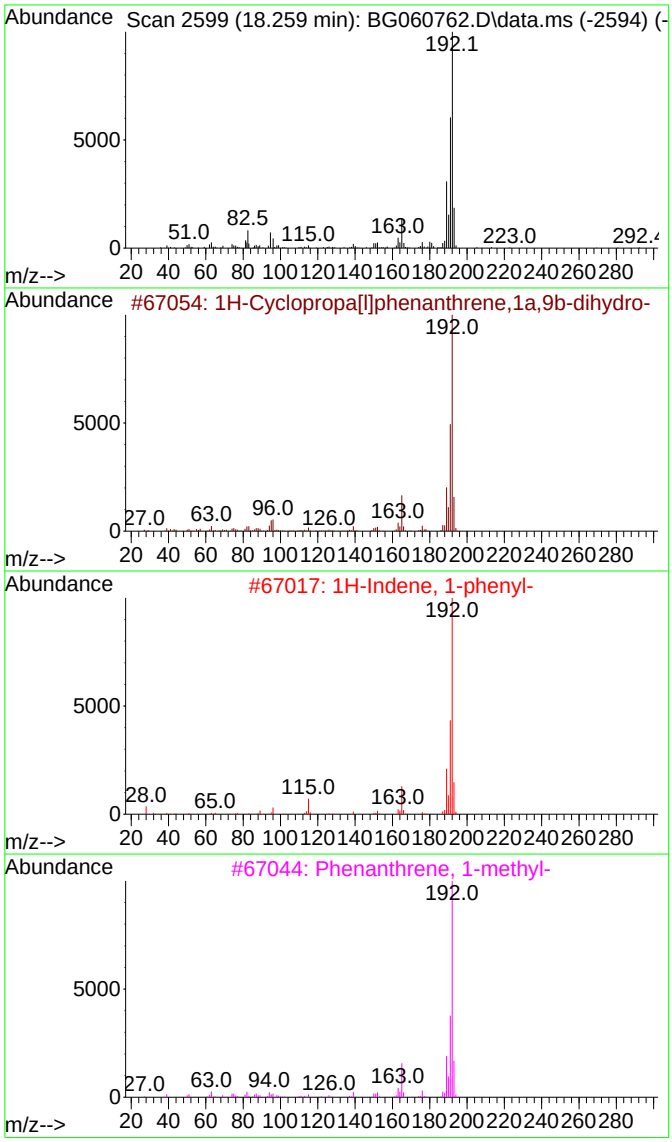
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

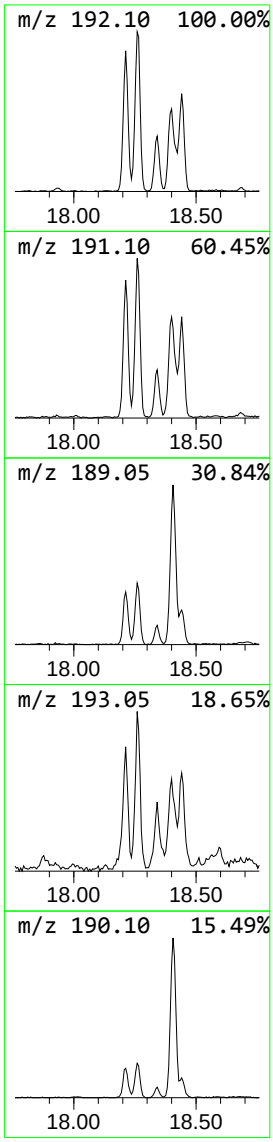
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.259	10.79 ng	646480	Phenanthrene-d10	17.331

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Acq On : 3 Apr 2024 14:46
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Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

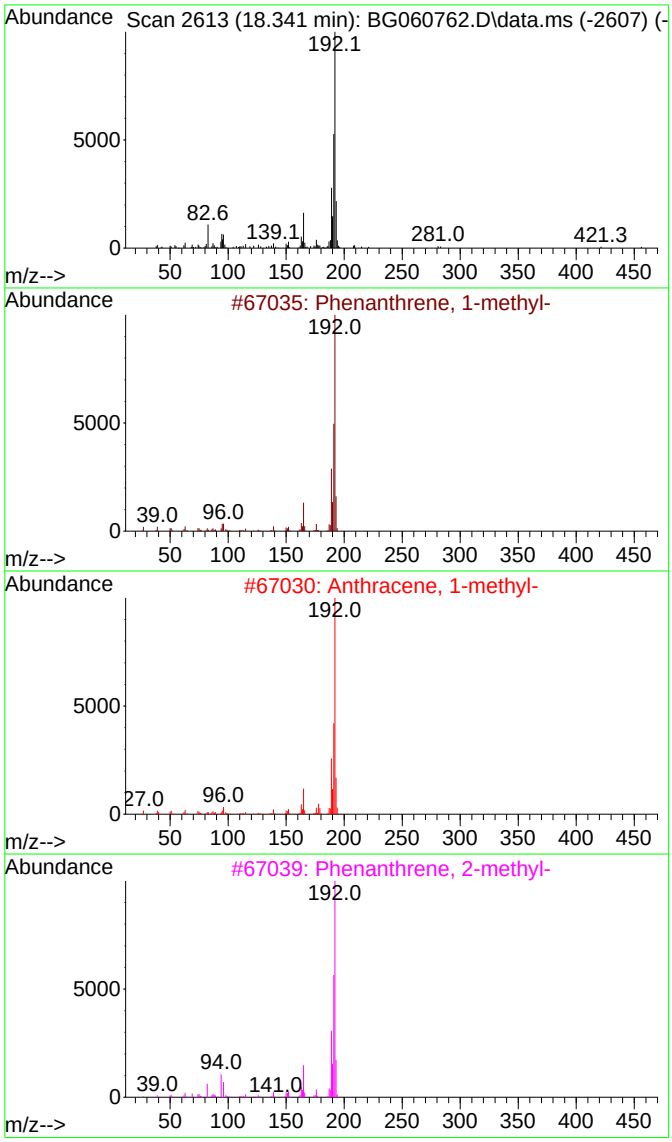
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

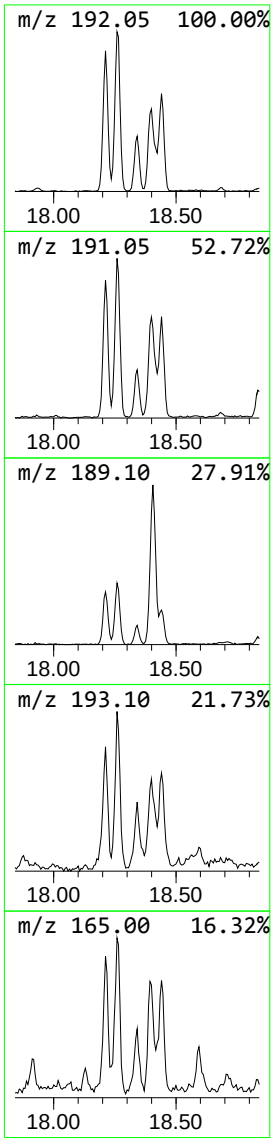
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.341	2.58 ng	154469	Phenanthrene-d10	17.331

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

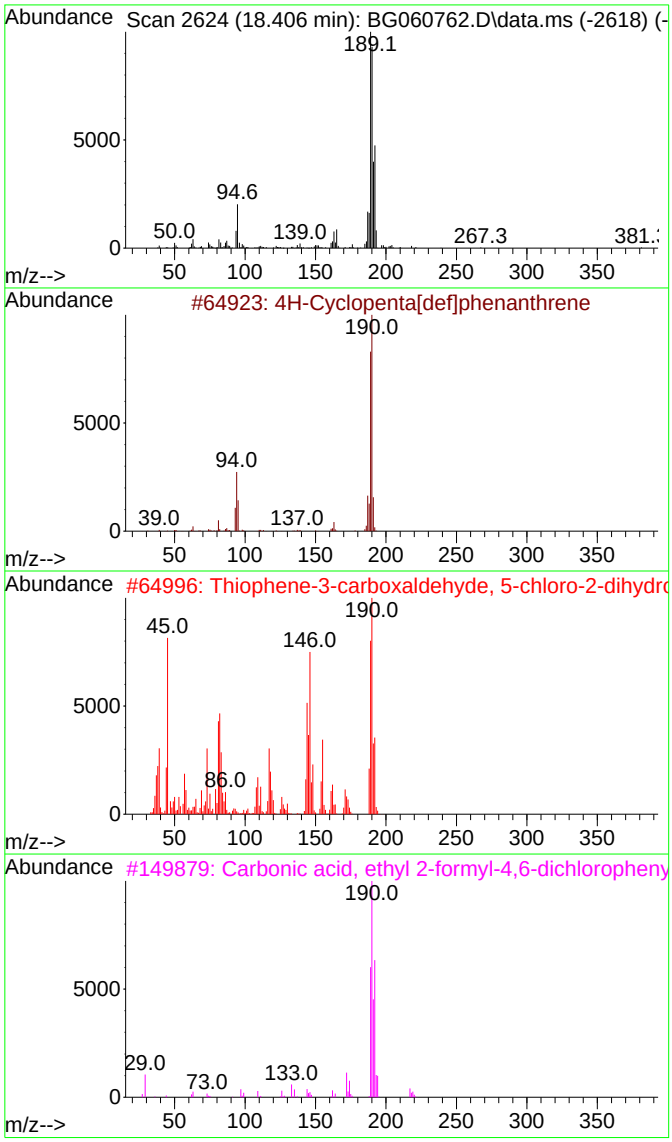
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

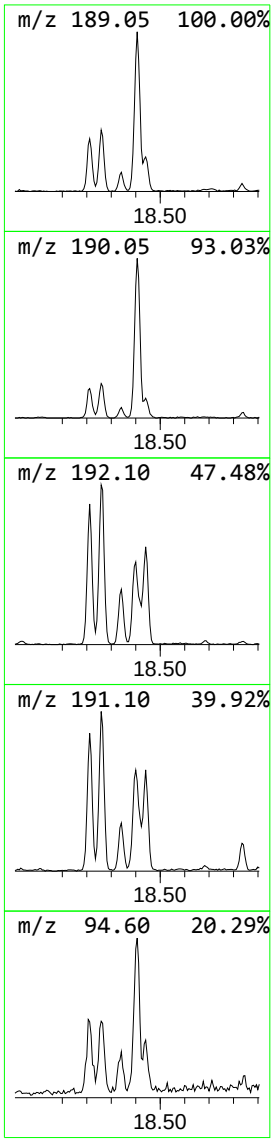
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.406	9.44 ng	565476	Phenanthrene-d10	17.331

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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

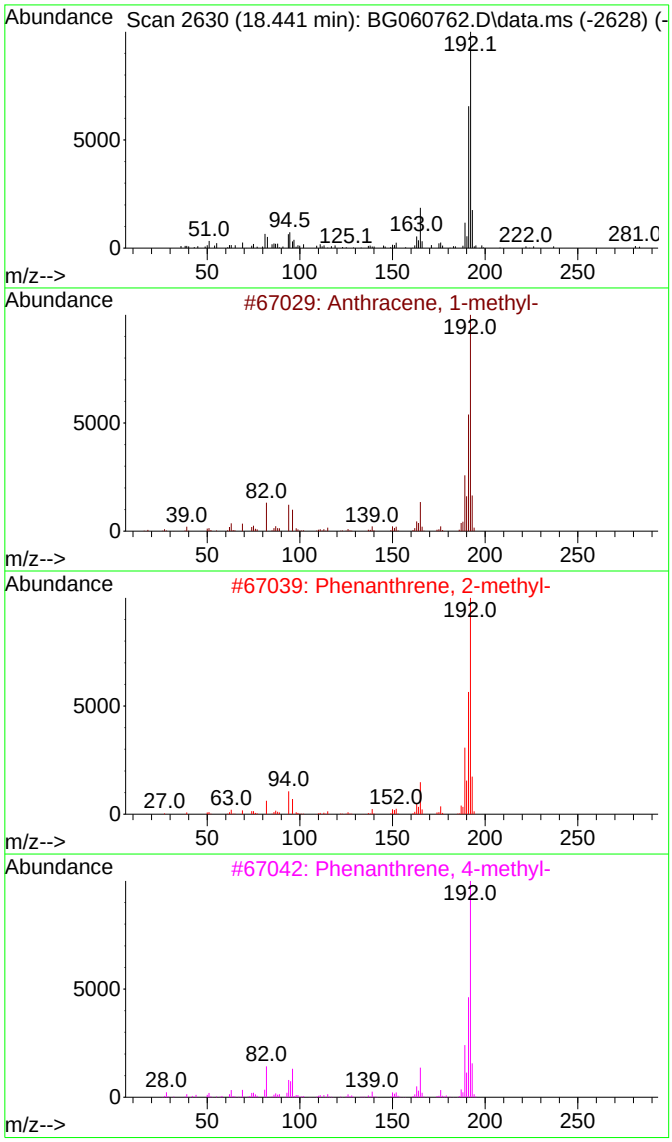
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

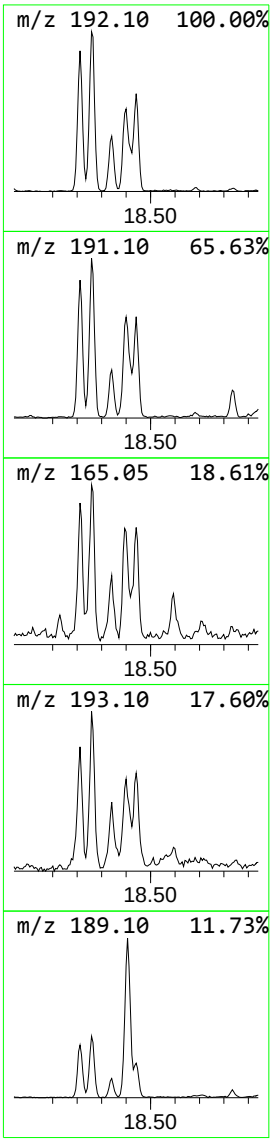
****

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.441	3.20 ng	191973	Phenanthrene-d10	17.331

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74





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Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

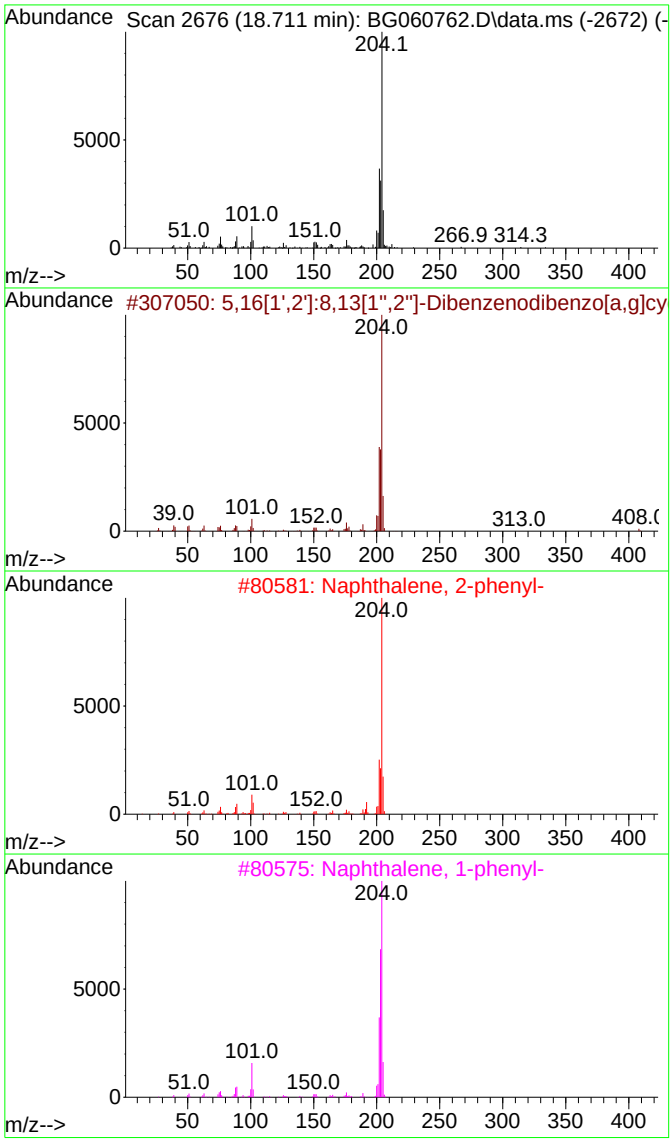
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

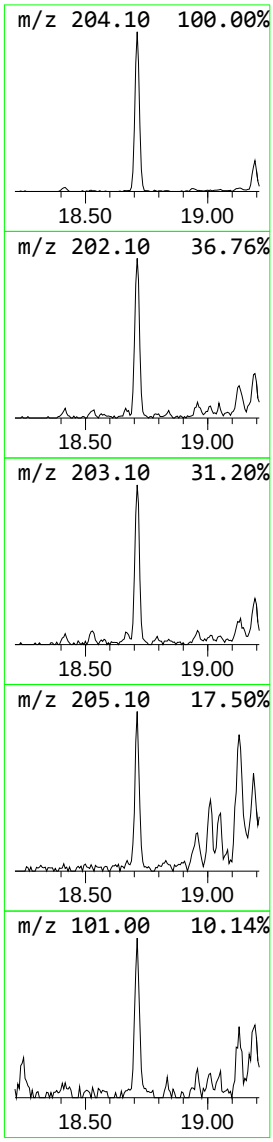
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.711	3.21 ng	192070	Phenanthrene-d10	17.331

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	58





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Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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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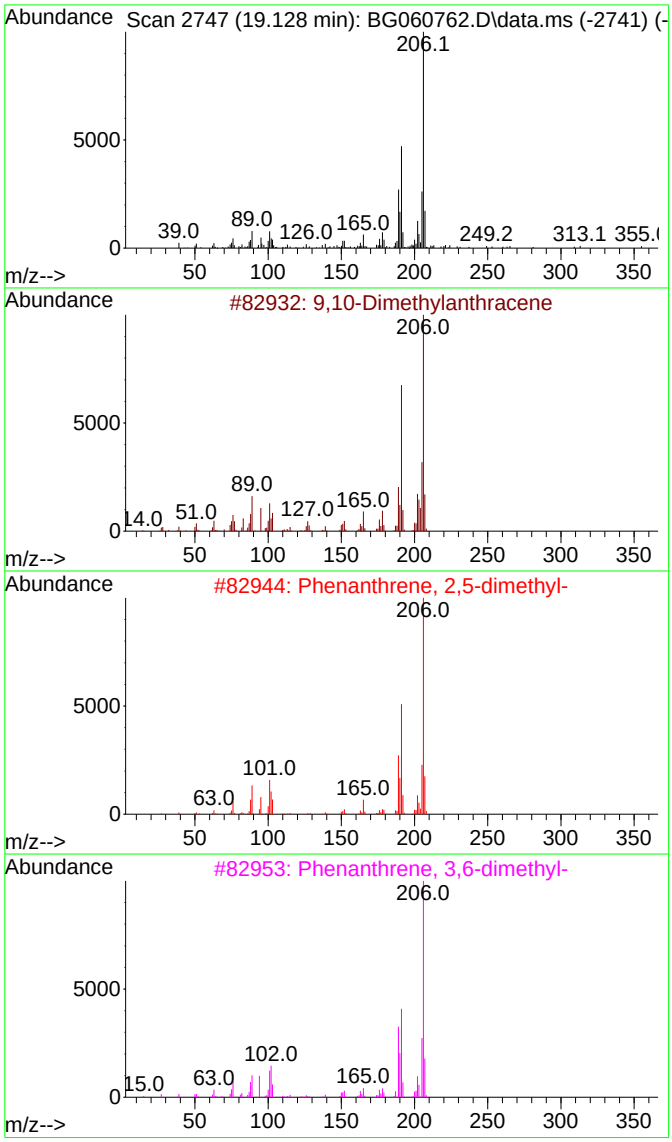
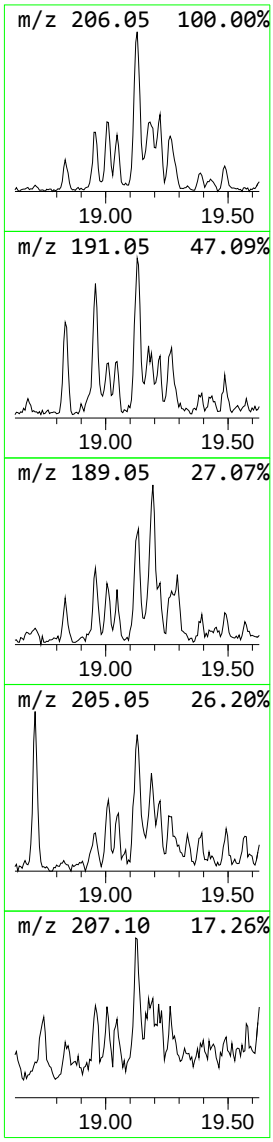
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	3.24 ng	194032	Phenanthrene-d10	17.331

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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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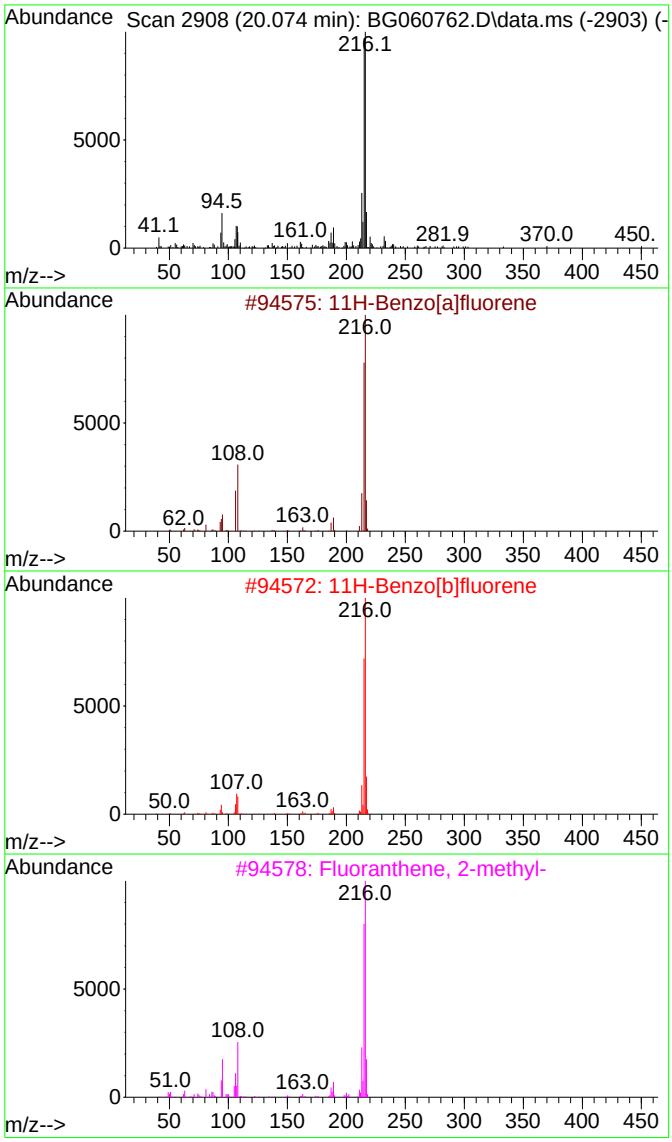
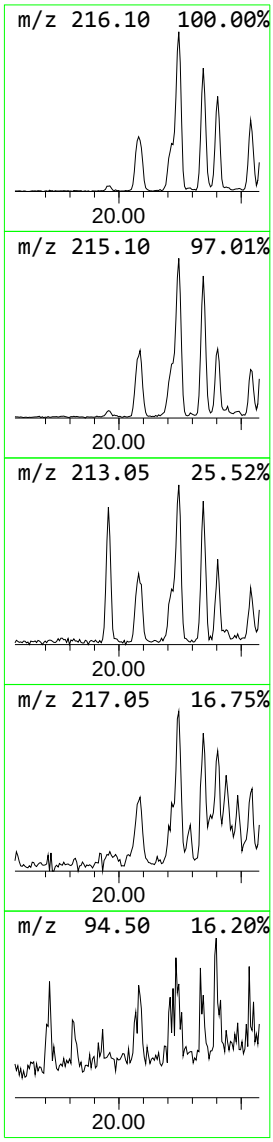
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.074	2.22 ng	243127	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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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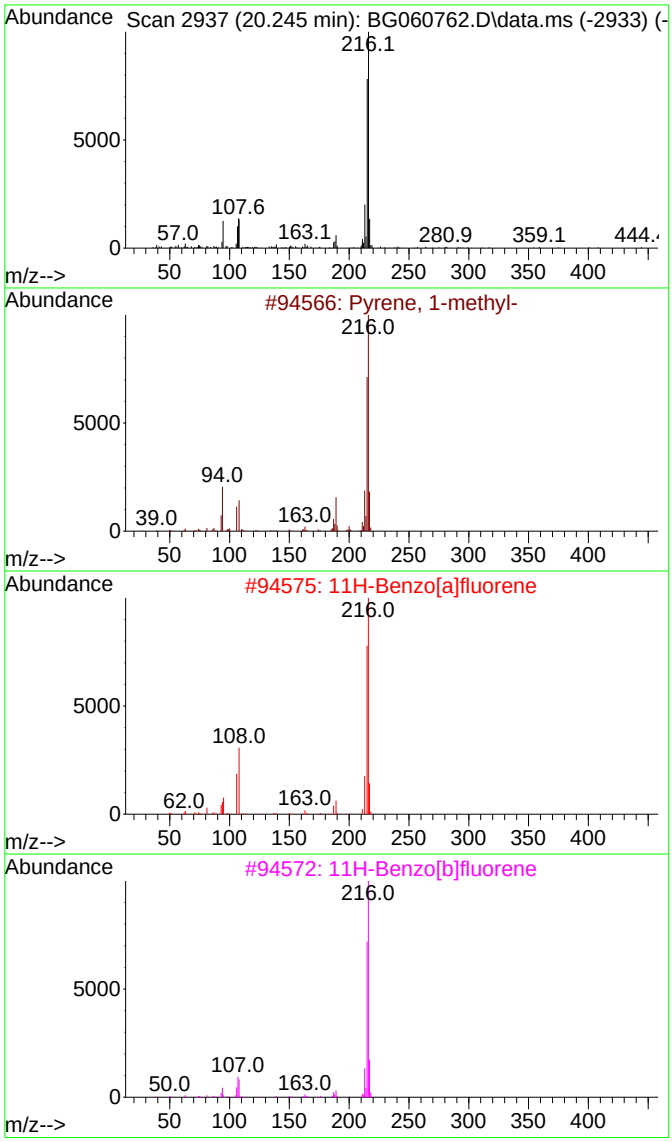
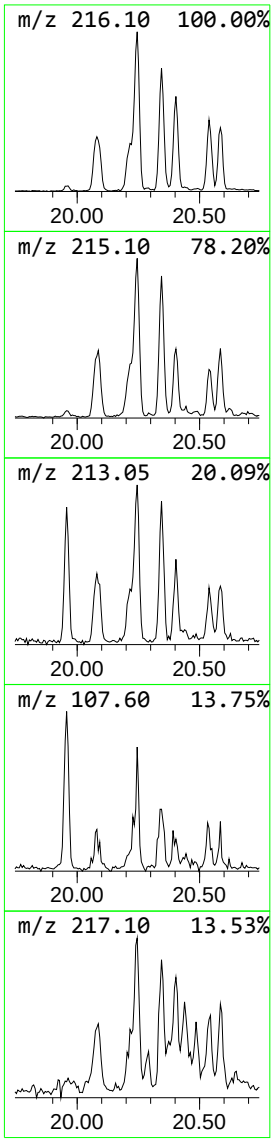
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.245	2.97 ng	326114	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59





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Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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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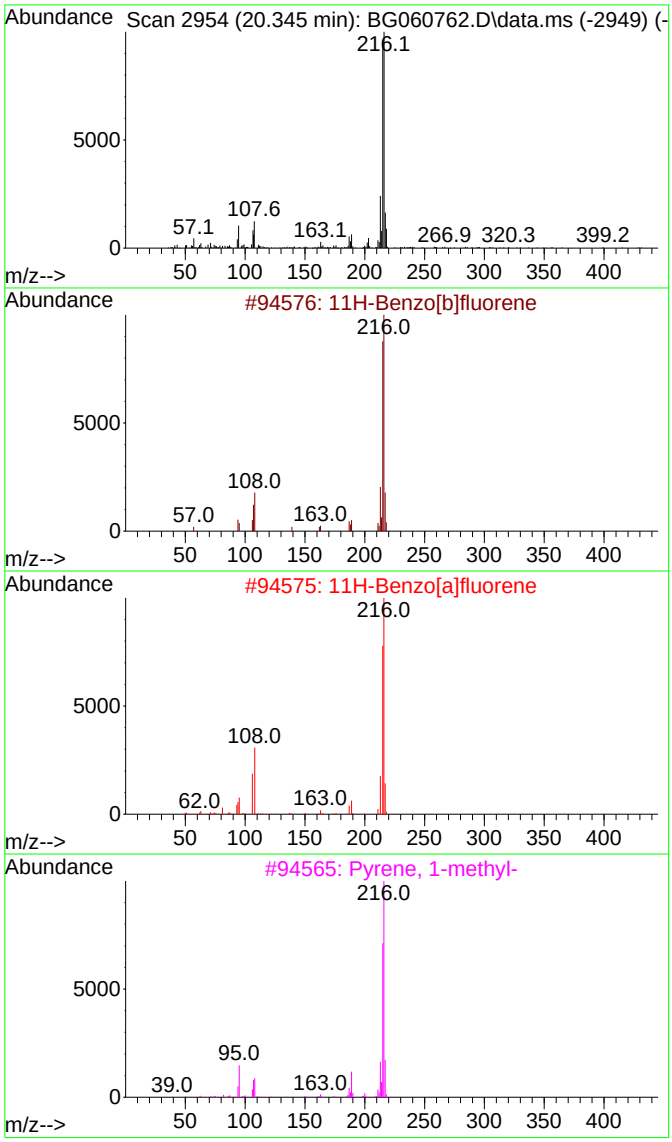
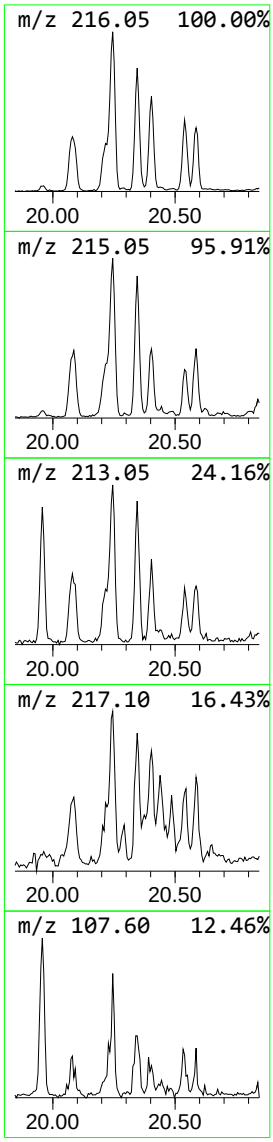
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.345	2.77 ng	304341	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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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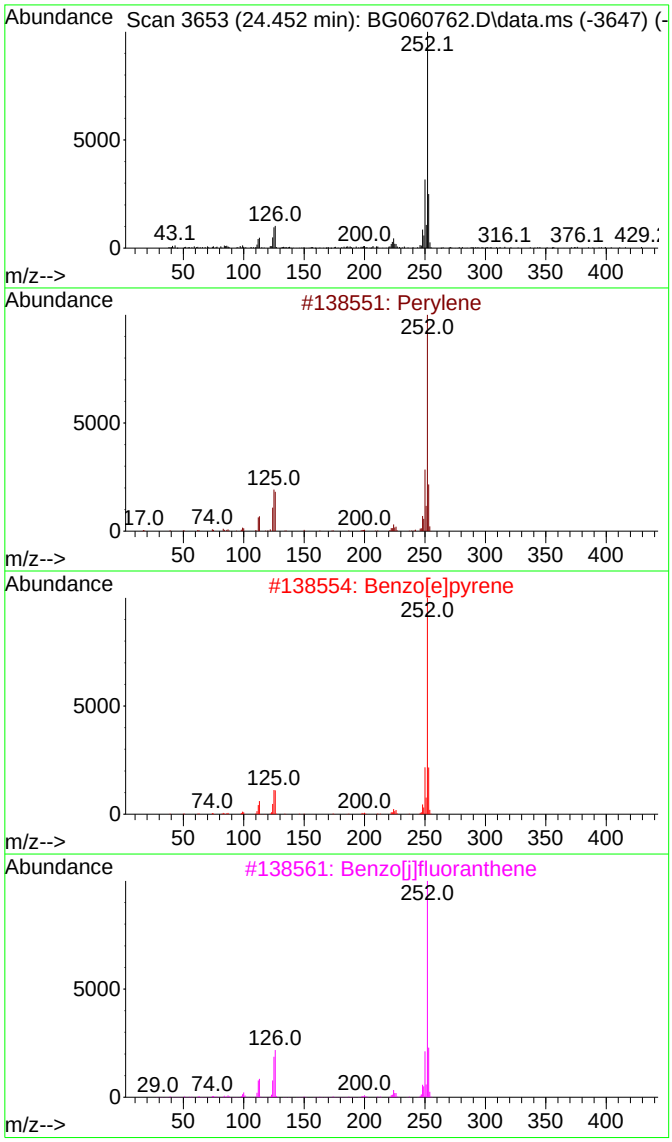
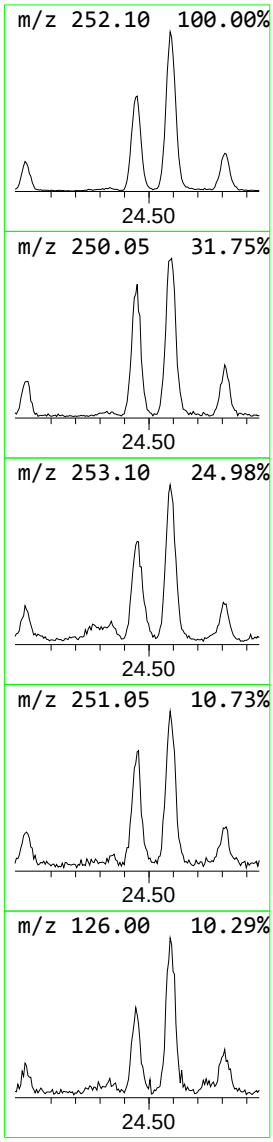
Peak Number 14 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.452	8.02 ng	467064	Perylene-d12	24.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060762.D
Acq On : 3 Apr 2024 14:46
Operator : MA/JU
Sample : P1957-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NM-DRUMS-040224

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...	3.176	37.3	ng	808649	1	7.959	433237	20.0
Isopropyl Alcohol	3.688	2.8	ng	59961	1	7.959	433237	20.0
Anthracene, 9-m...	18.212	5.8	ng	346887	4	17.331	1197970	20.0
1H-Cyclopropa[l...	18.259	10.8	ng	646480	4	17.331	1197970	20.0
Phenanthrene, 1...	18.341	2.6	ng	154469	4	17.331	1197970	20.0
4H-Cyclopenta[d...	18.406	9.4	ng	565476	4	17.331	1197970	20.0
Anthracene, 1-m...	18.441	3.2	ng	191973	4	17.331	1197970	20.0
5,16[1',2']:8,1...	18.711	3.2	ng	192070	4	17.331	1197970	20.0
9,10-Dimethylan...	19.128	3.2	ng	194032	4	17.331	1197970	20.0
11H-Benzo[a]flu...	20.074	2.2	ng	243127	5	21.596	2195080	20.0
Pyrene, 1-methyl-	20.245	3.0	ng	326114	5	21.596	2195080	20.0
11H-Benzo[b]flu...	20.345	2.8	ng	304341	5	21.596	2195080	20.0
Perylene	24.452	8.0	ng	467064	6	24.740	1164980	20.0