LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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: BG060742.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	26	rVV7	22791	49710	1.09%	0.104%
2	3.176	27	32	57	rVB	384859	743845	16.24%	1.560%
3	3.687	114	119	126	rBV	54384	83261	1.82%	0.175%
4	5.538	426	434	446	rBV	1010035	1625627	35.50%	3.410%
5	7.113	692	702	713	rBV	1035394	1754623	38.32%	3.681%
6	7.953	838	845	851	rBV	249709	414694	9.06%	0.870%
7	9.104	1032	1041	1049	rBV	615180	1095473	23.92%	2.298%
8	10.750	1314	1321	1327	rBV	329240	597915	13.06%	1.254%
9	10.802	1327	1330	1336	rVB	54867	86556	1.89%	0.182%
10	12.406	1596	1603	1609	rBV2	66818	120547	2.63%	0.253%
11	12.624	1635	1640	1650	rVB	56257	96936	2.12%	0.203%
12	13.211	1733	1740	1746	rVB	1531205	2385902	52.11%	5.005%
13	13.758	1827	1833	1839	rBV6	24801	64624	1.41%	0.136%
14	13.905	1852	1858	1863	rBV2	47446	86189	1.88%	0.181%
15	14.304	1921	1926	1937	rBV	46167	107550	2.35%	0.226%
16	14.580	1966	1973	1980	rVB	521232	831210	18.15%	1.744%
17	14.804	2005	2011	2017	rBV6	34691	86266	1.88%	0.181%
18	14.986	2039	2042	2049	rVB6	26528	49913	1.09%	0.105%
19	15.626	2146	2151	2157	rBV	69511	113393	2.48%	0.238%
20	16.067	2219	2226	2236	rBV	1396979	2158290	47.14%	4.528%
21	16.978	2377	2381	2389	rVB	45193	79024	1.73%	0.166%
22	17.148	2406	2410	2419	rVB	50787	92977	2.03%	0.195%
23	17.330	2435	2441	2444	rBV	716922	1085379	23.70%	2.277%
24	17.371	2444	2448	2454	rVB	731428	1060751	23.17%	2.225%
25	17.459	2459	2463	2468	rVB	72841	111824	2.44%	0.235%
26	17.524	2470	2474	2480	rVB7	24240	53172	1.16%	0.112%
27	17.730	2505	2509	2513	rBV4	36688	47254	1.03%	0.099%
28	17.853	2527	2530	2535	rVV	37482	48192	1.05%	0.101%
29	17.912	2536	2540	2545	rVB2	58357	81671	1.78%	0.171%
30	18.206	2585	2590	2593	rBV	272100	407804	8.91%	0.856%
31	18.247	2593	2597	2607	rVV2	518377	985669	21.53%	2.068%
32	18.335	2609	2612	2616	rVV2	42490	67959	1.48%	0.143%
33	18.399	2617	2623	2627	rVV2	282500	540251	11.80%	1.133%
34	18.435	2627	2629	2636	rVB	185925	254972	5.57%	0.535%
35	18.599	2654	2657	2661	rVB4	32399	47277	1.03%	0.099%
36	18.705	2671	2675	2679	rBV	106638	165514	3.61%	0.347%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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	18.740	2679	2681	2689	rVB3	75277	103592	2.26%	0.217%
38	18.952	2714	2717	2721	rVB	87018	106268	2.32%	0.223%
39	19.005	2722	2726	2730	rBV	150524	199237	4.35%	0.418%
40	19.046	2730	2733	2737	rVB	118087	150782	3.29%	0.316%
41	19.104	2738	2743	2751	rBV2	686003	1384768	30.24%	2.905%
42	19.181	2751	2756	2760	rVV2	180266	316679	6.92%	0.664%
43	19.216	2760	2762	2766	rVV2	91730	96761	2.11%	0.203%
44	19.257	2766	2769	2779	rVV3	144481	256030	5.59%	0.537%
45	19.387	2785	2791	2796	rBV	886571	1286222	28.09%	2.698%
46	19.451	2799	2802	2805	rBV3	45175	58918	1.29%	0.124%
47	19.528	2810	2815	2820	rVB2	164477	293009	6.40%	0.615%
48	19.627	2829	2832	2836	rBV2	52319	79153	1.73%	0.166%
49	19.669	2837	2839	2843	rVB3	71412	68408	1.49%	0.144%
50	19.745	2846	2852	2861	rVV	1353771	2183979	47.70%	4.582%
51	19.827	2862	2866	2871	rVB	195046	311314	6.80%	0.653%
52	19.956	2883	2888	2899	rVB	3278059	4578947	100.00%	9.606%
53	20.074	2903	2908	2919	rVV3	199830	505502	11.04%	1.060%
54	20.156	2919	2922	2925	rBV3	61954	81457	1.78%	0.171%
55	20.209	2926	2931	2933	rVV2	172914	301854	6.59%	0.633%
56	20.238	2934	2936	2941	rVB	246238	297009	6.49%	0.623%
57	20.338	2951	2953	2957	rVB2	107238	122655	2.68%	0.257%
58	20.397	2959	2963	2968	rVB	354162	479486	10.47%	1.006%
59	20.538	2983	2987	2990	rBV	292636	371319	8.11%	0.779%
60	20.579	2991	2994	2998	rVV	235758	321017	7.01%	0.673%
61	20.626	2999	3002	3010	rVB	94390	129698	2.83%	0.272%
62	20.791	3027	3030	3033	rBV3	67631	79362	1.73%	0.166%
63	20.996	3061	3065	3072	rVB2	217715	384247	8.39%	0.806%
64	21.096	3079	3082	3087	rVB	120652	158184	3.45%	0.332%
65	21.155	3088	3092	3094	rBV	172915	236662	5.17%	0.496%
66	21.220	3101	3103	3107	rVB	87502	96250	2.10%	0.202%
67	21.278	3107	3113	3117	rBV3	312860	581458	12.70%	1.220%
68	21.590	3158	3166	3171	rBV3	1111957	2819553	61.58%	5.915%
69	21.637	3171	3174	3183	rVB	672028	1089651	23.80%	2.286%
70	21.737	3188	3191	3196	rVB2	90959	131927	2.88%	0.277%
71	21.842	3205	3209	3214	rBV	162510	257423	5.62%	0.540%
72	22.236	3273	3276	3280	rBV3	79230	127146	2.78%	0.267%
73	22.318	3281	3290	3296	rVV	301522	727488	15.89%	1.526%
74	22.383	3297	3301	3307	rVB	198812	327259	7.15%	0.687%
75	22.577	3330	3334	3339	rBV	98203	170292	3.72%	0.357%
76	23.088	3418	3421	3426	rVB4	118856	187294	4.09%	0.393%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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	23.746	3524	3533	3541	rBV	403608	1442510	31.50%	3.026%
78	24.445	3644	3652	3663	rVB	408215	1075027	23.48%	2.255%
79	24.586	3666	3676	3690	rVB2	546843	1622717	35.44%	3.404%
80	24.733	3693	3701	3709	rBV	495246	1296955	28.32%	2.721%
81	28.300	4299	4308	4331	rVB2	313040	1469219	32.09%	3.082%
82	29.404	4484	4496	4511	rVB2	355882	1620601	35.39%	3.400%

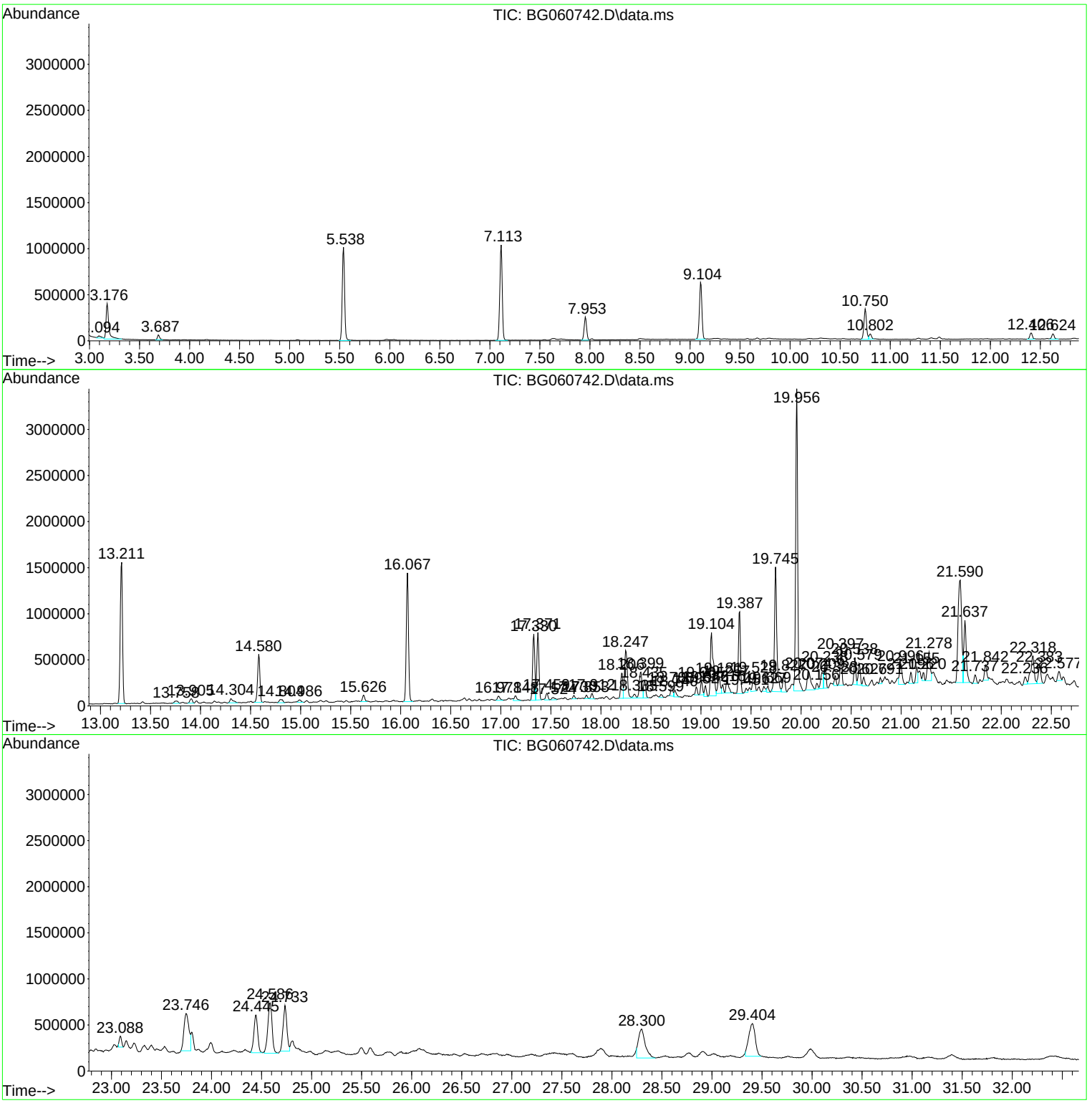
Sum of corrected areas: 47667503

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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 : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

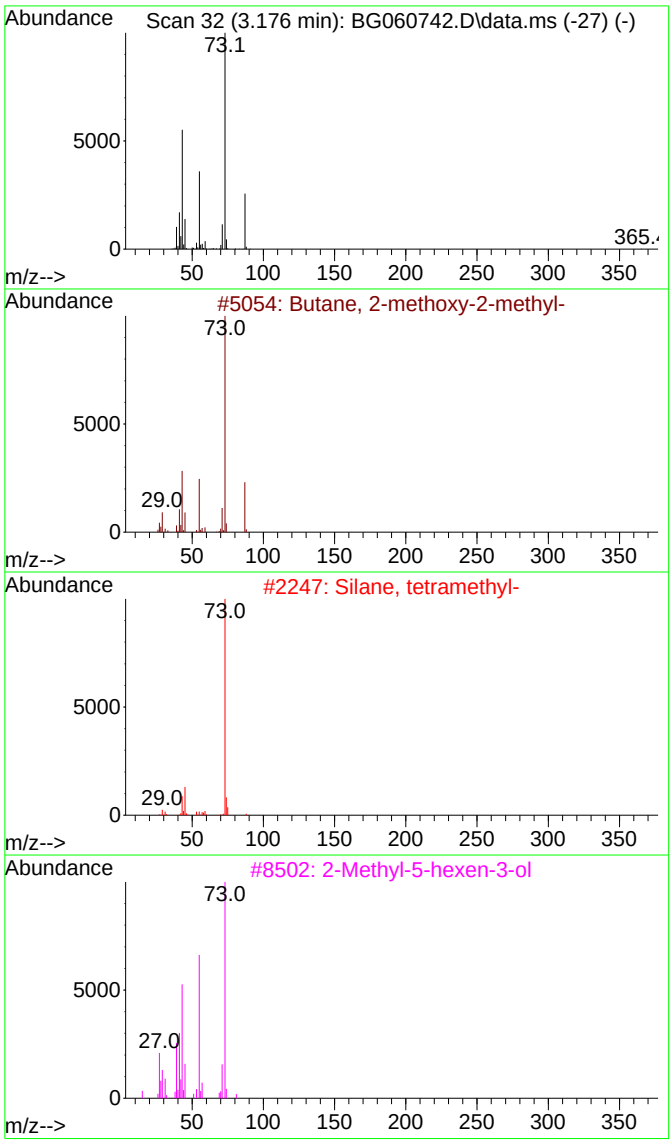
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

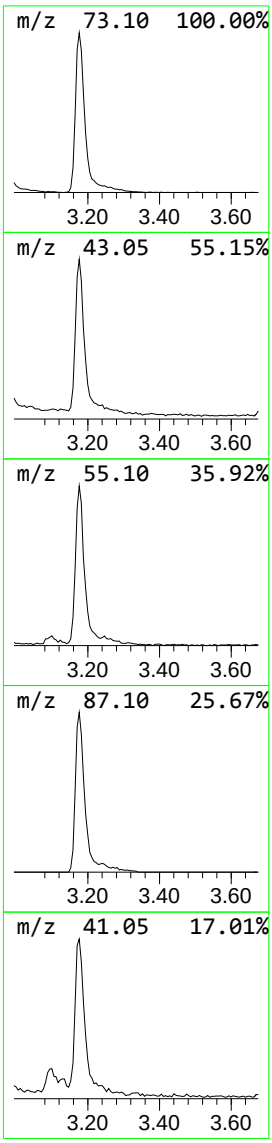
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.176	35.87 ng	743845	1,4-Dichlorobenzene-d4	7.953

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
5	2-OXOPROPIONAMIDE	87	C3H5NO2	000631-66-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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

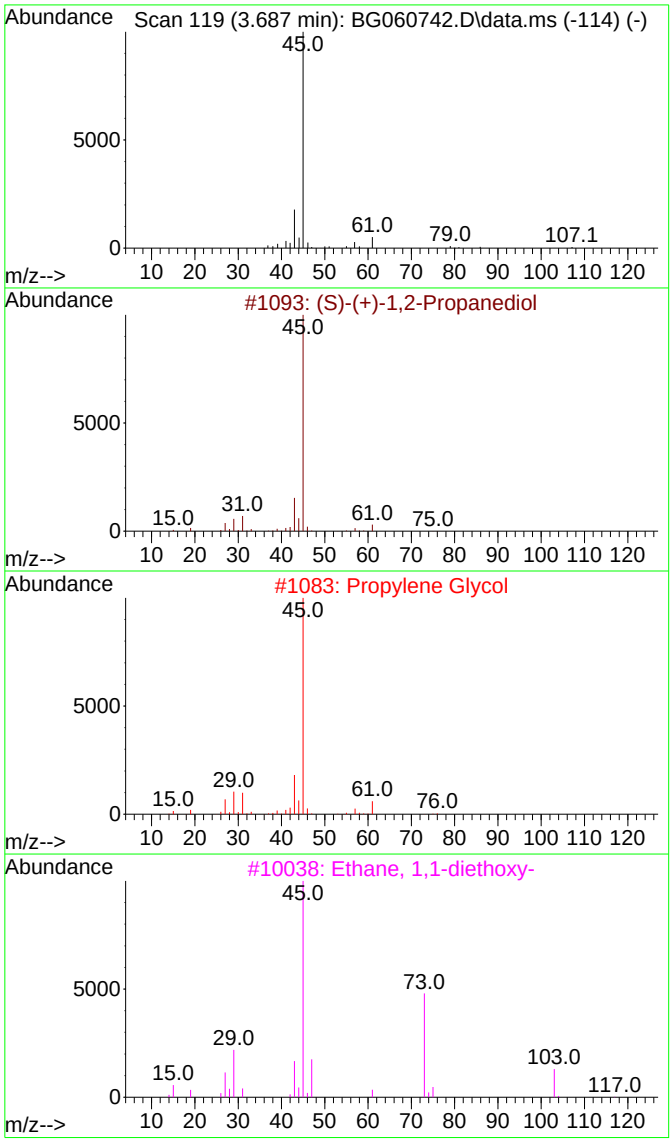
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

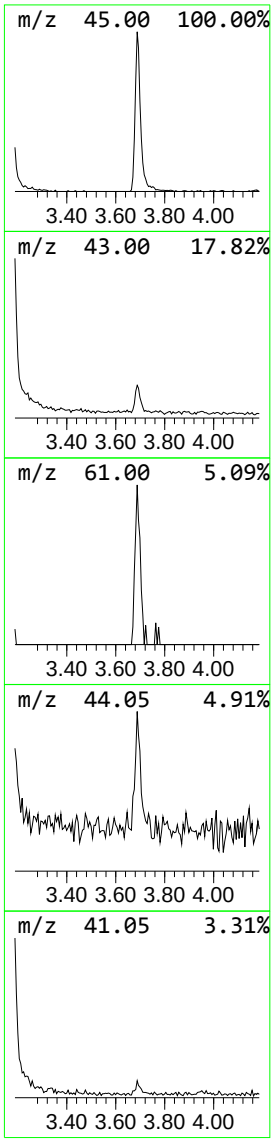
****

Peak Number 3 unknown3.687 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.687	4.02 ng	83261	1,4-Dichlorobenzene-d4	7.953

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
2	Propylene Glycol	76	C3H8O2	000057-55-6	43
3	Ethane, 1,1-diethoxy-	118	C6H14O2	000105-57-7	9
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
5	Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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

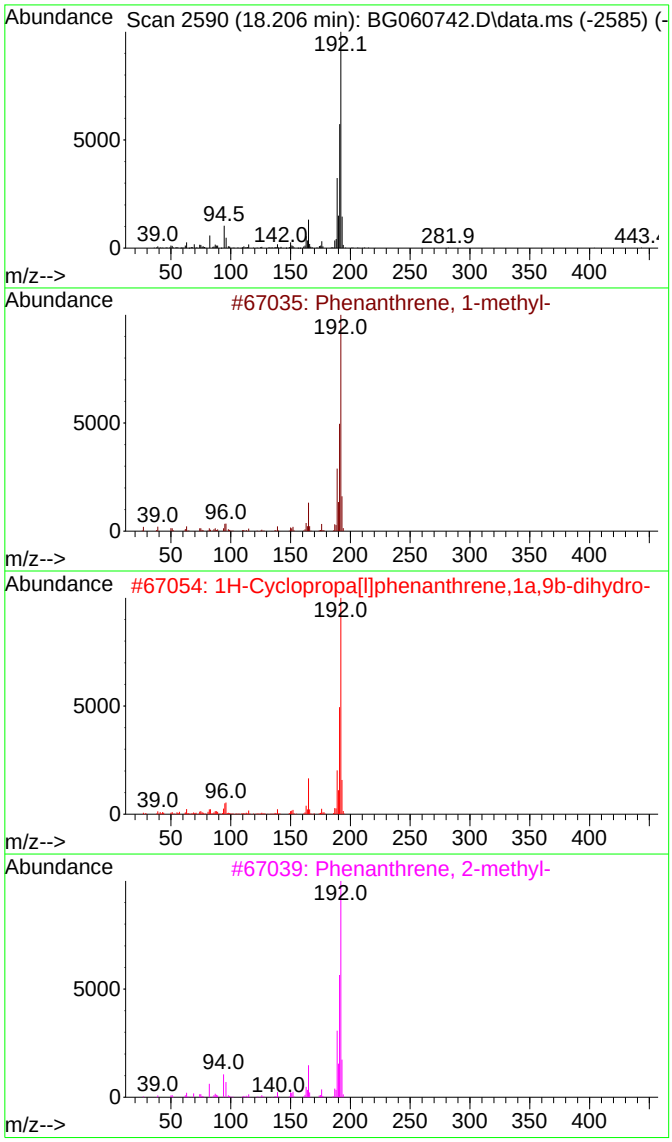
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

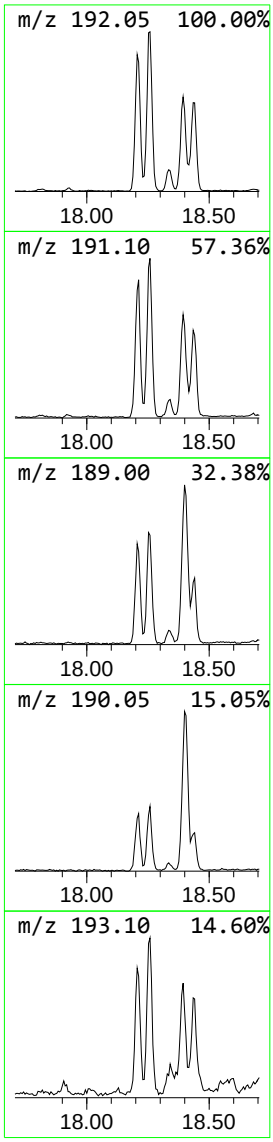
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.206	7.51 ng	407804	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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

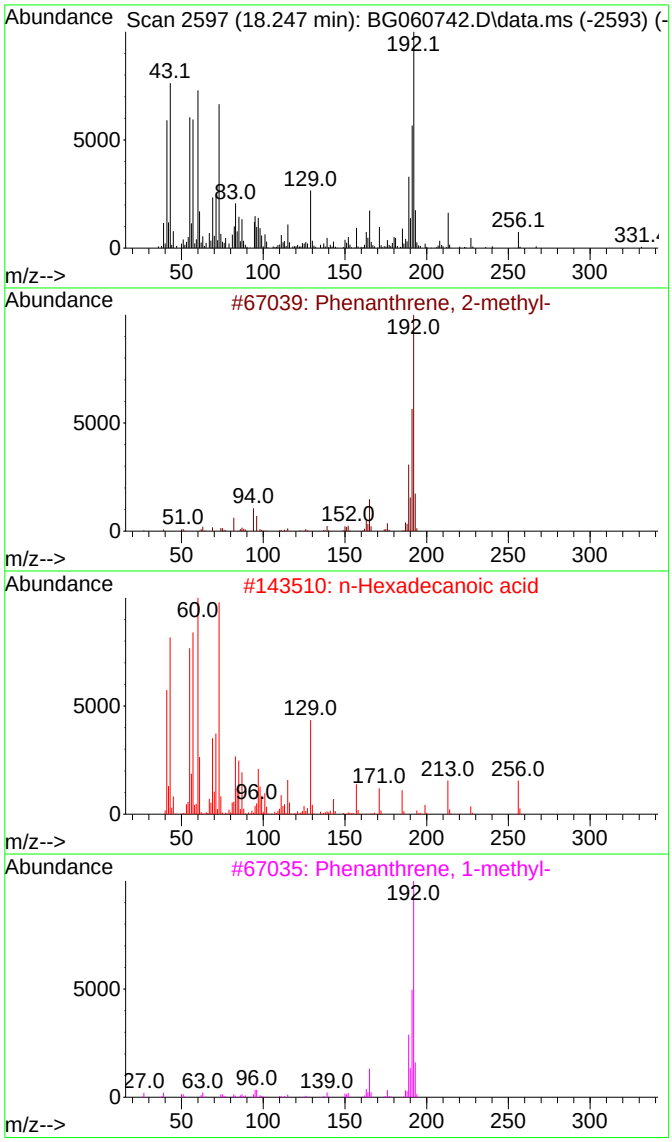
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

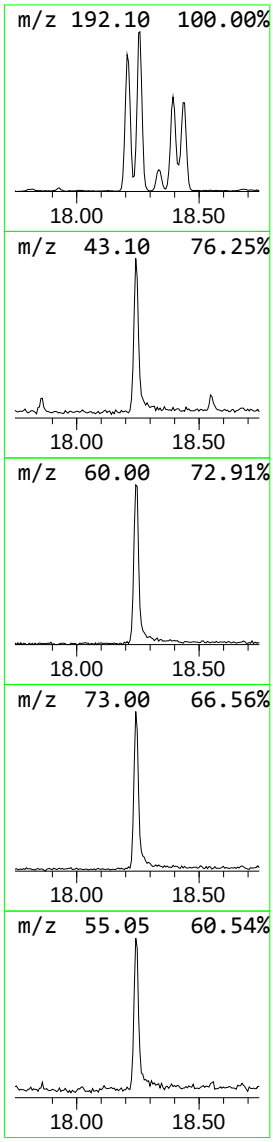
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.247	18.16 ng	985669	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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

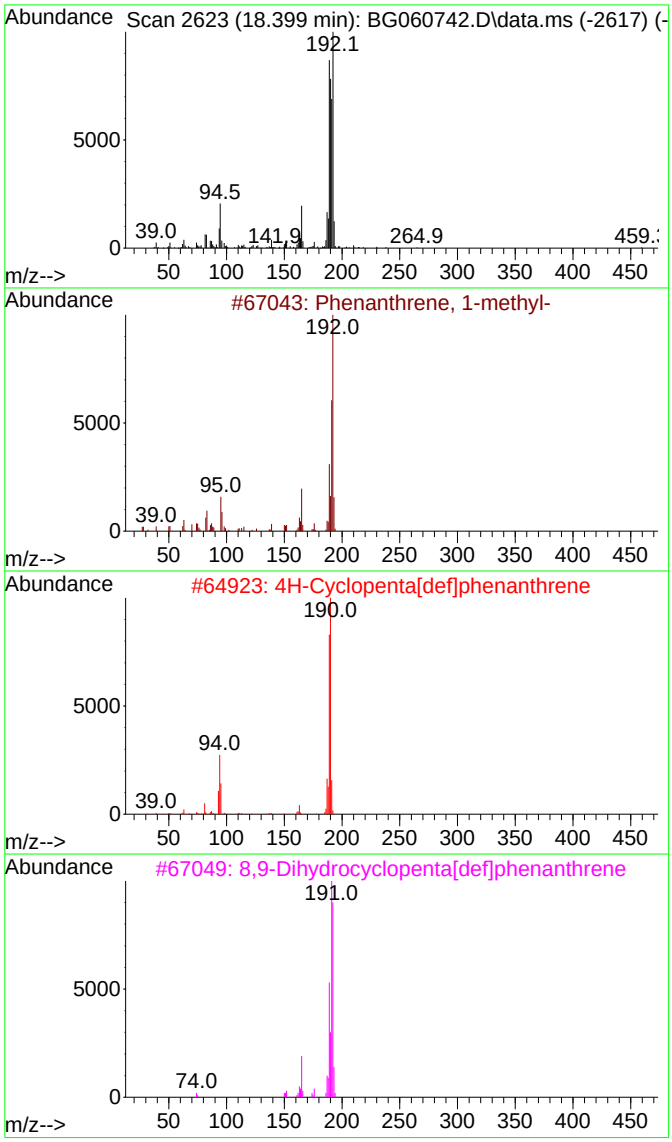
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

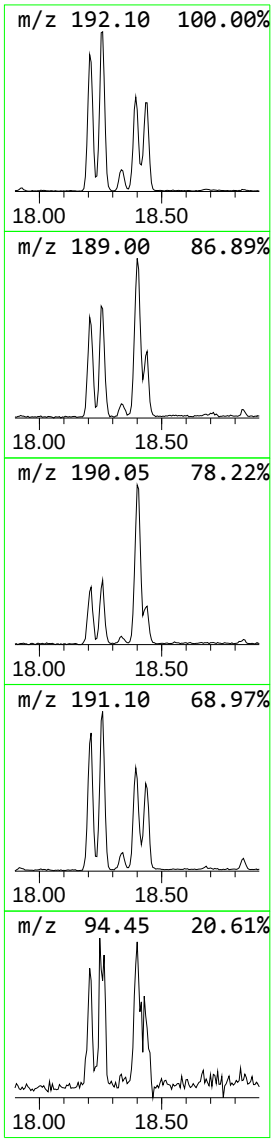
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.399	9.96 ng	540251	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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

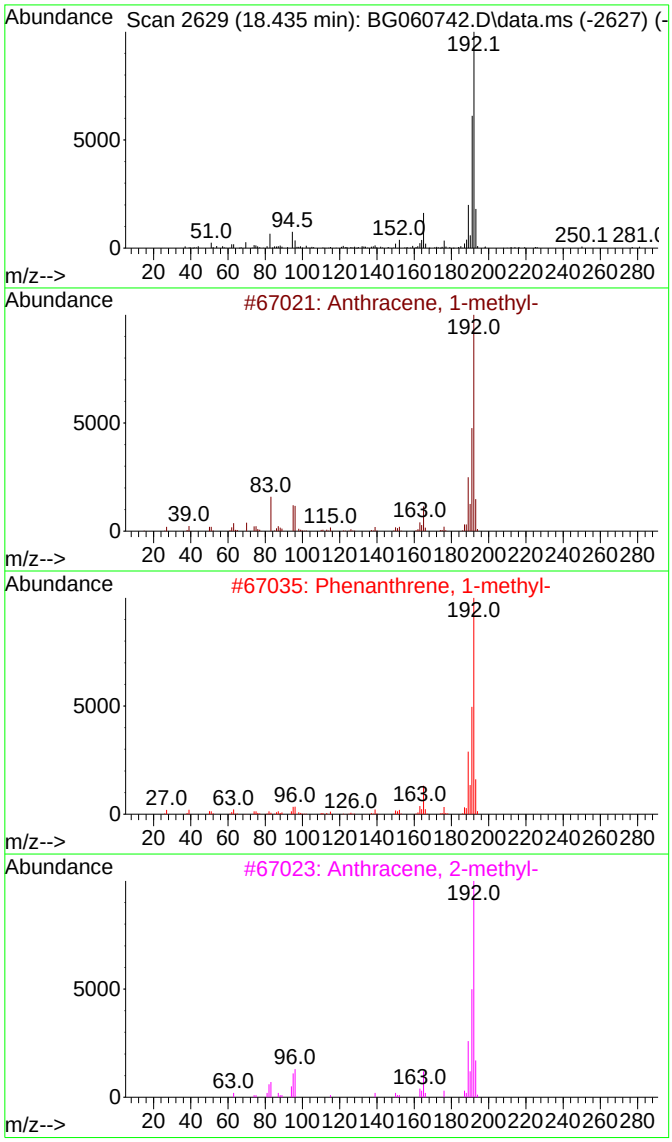
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

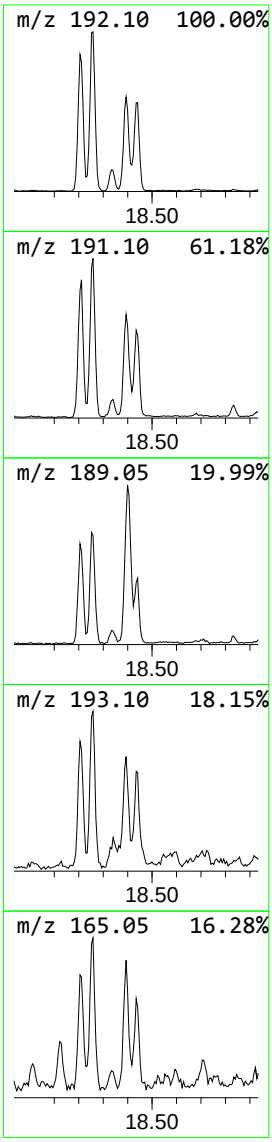
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.435	4.70 ng	254972	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





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Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EB-03(2-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

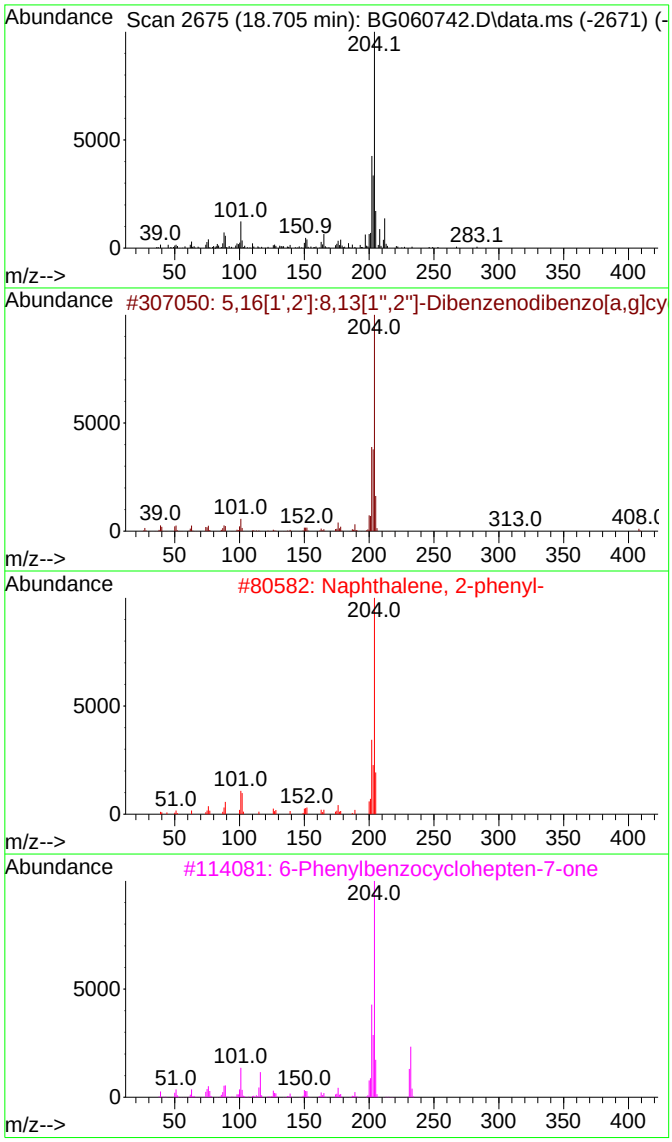
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

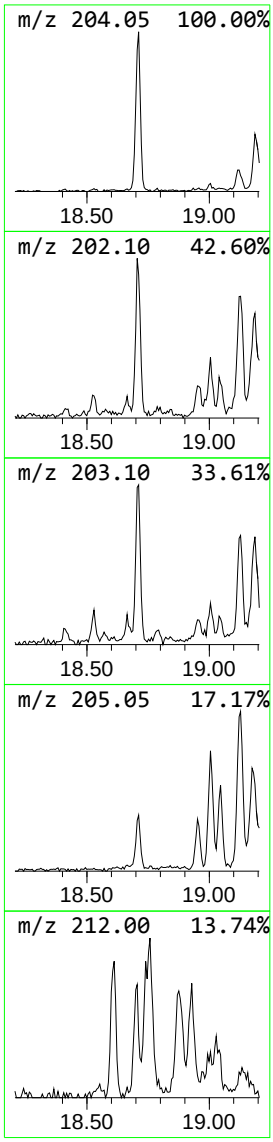
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.705	3.05 ng	165514	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
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	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EB-03(2-4)

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

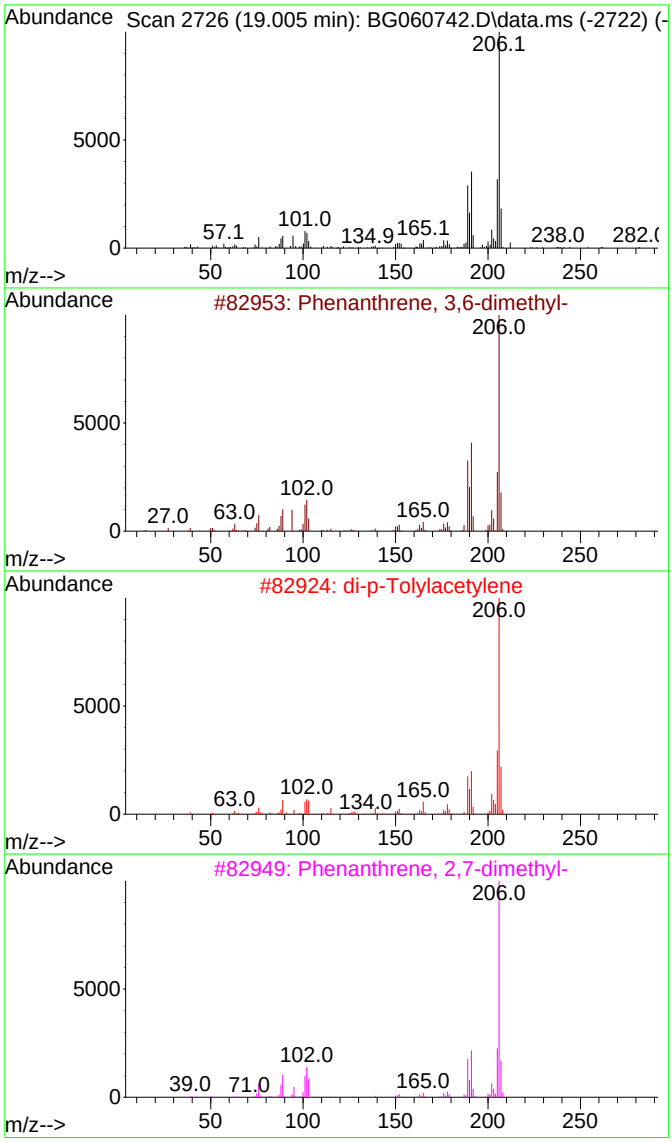
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

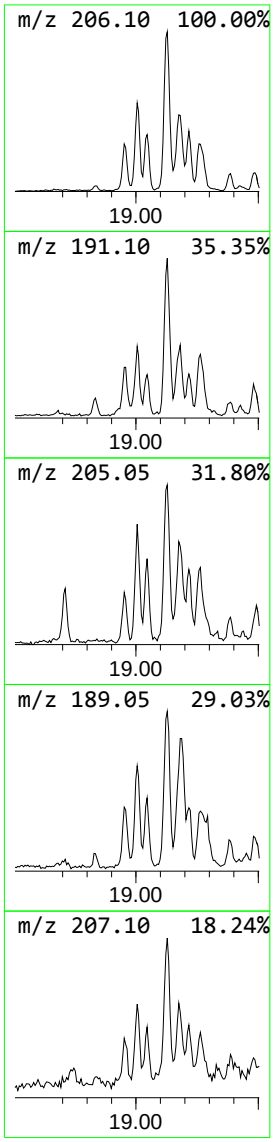
****

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.005	3.67 ng	199237	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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Sample : P1879-06
Misc :
ALS Vial : 4 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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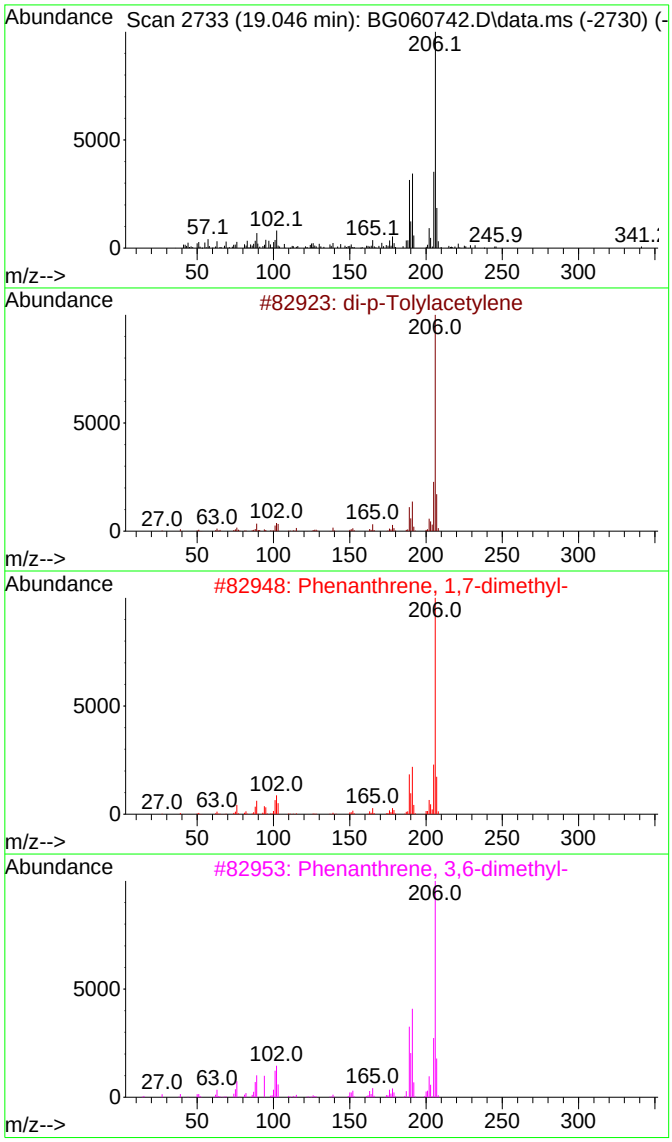
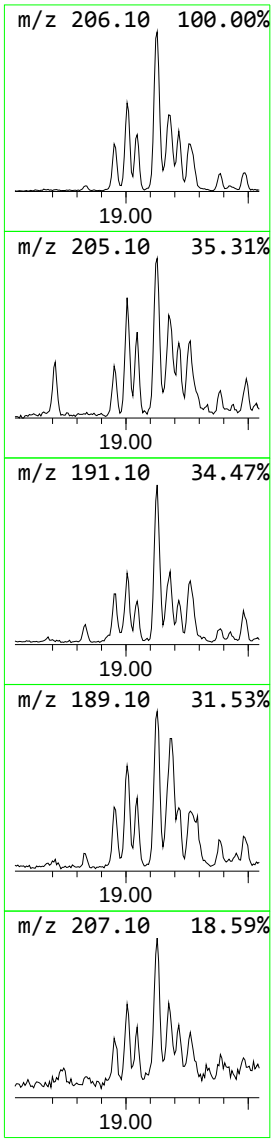
Peak Number 10 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.046	2.78 ng	150782	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Instrument :
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ClientSampleId :
EB-03(2-4)

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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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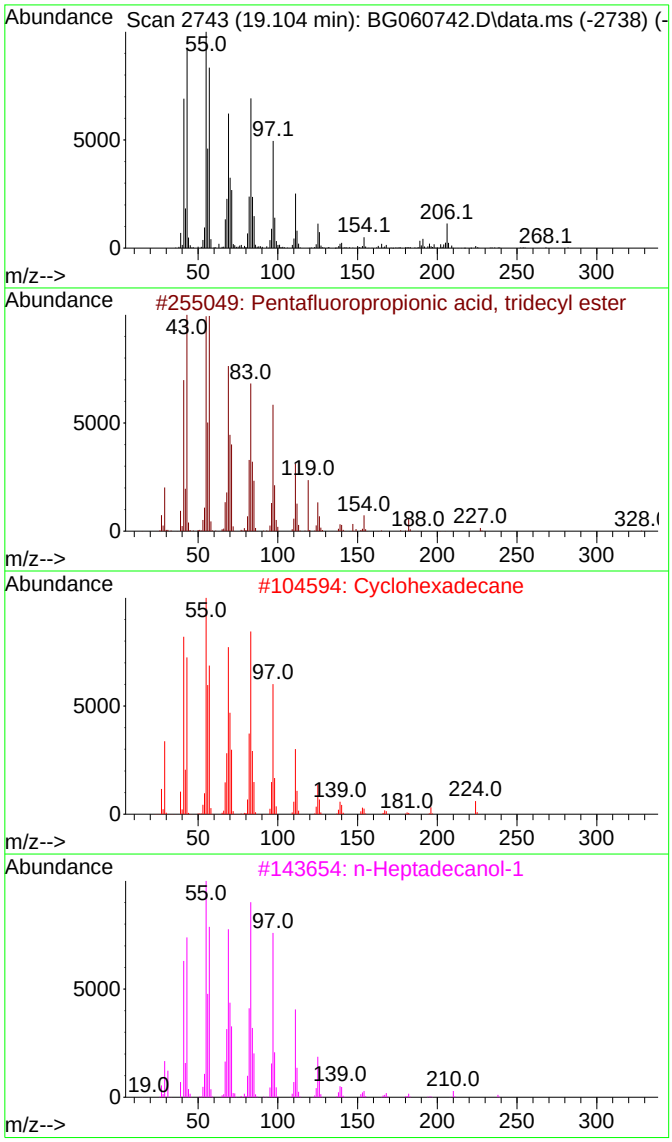
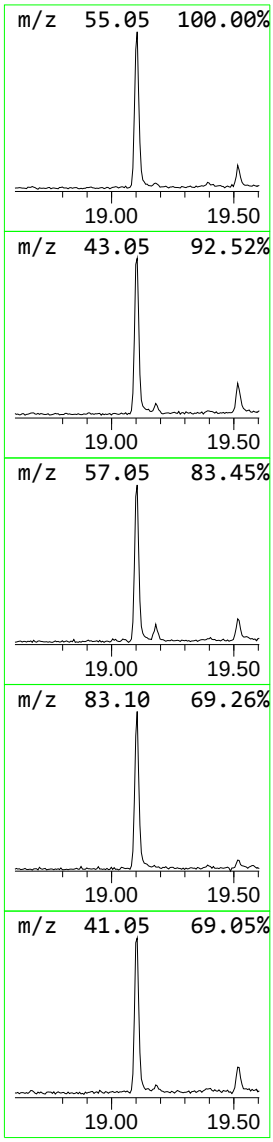
Peak Number 11 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.105	25.52 ng	1384770	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	94
2	Cyclohexadecane	224	C16H32	000295-65-8	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





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Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EB-03(2-4)

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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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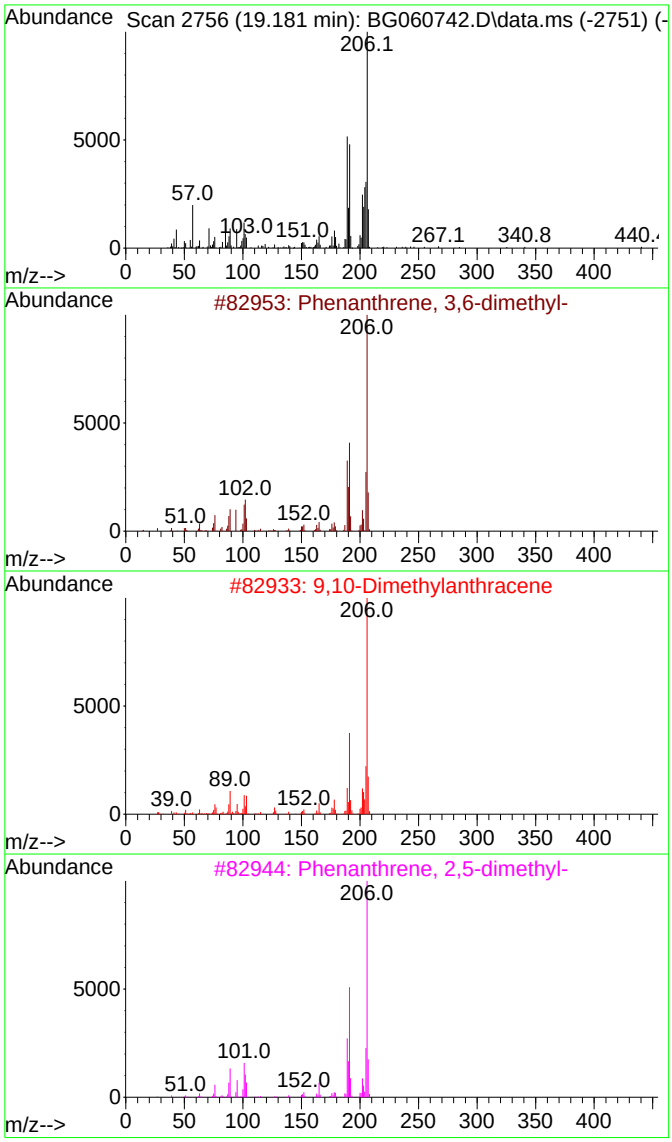
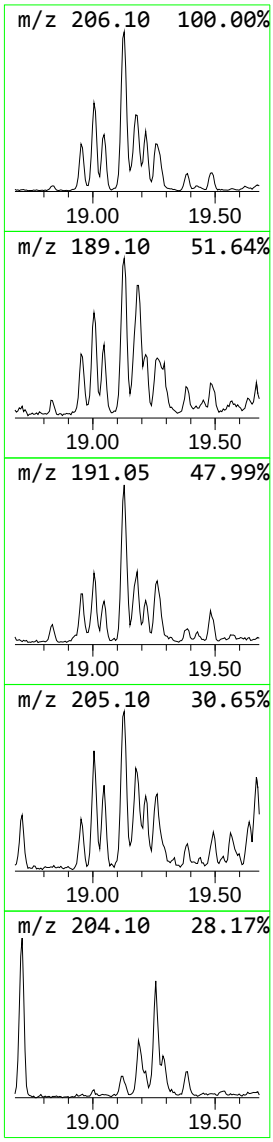
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.181	5.84 ng	316679	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60





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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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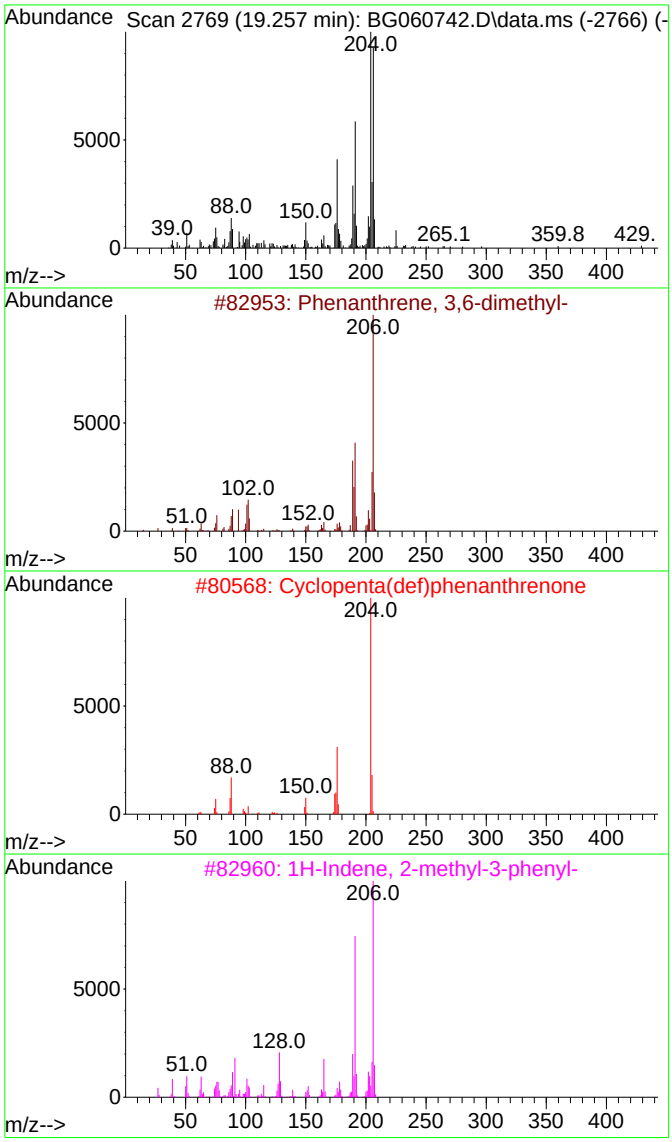
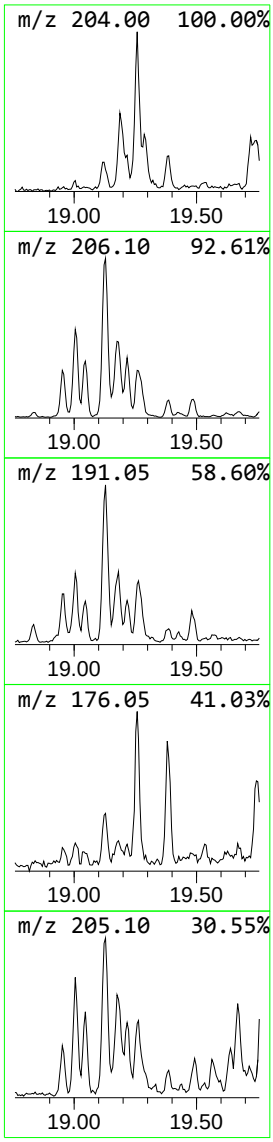
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	4.72 ng	256030	Phenanthrene-d10	17.330

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	55
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	55
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50





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Sample : P1879-06
Misc :
ALS Vial : 4 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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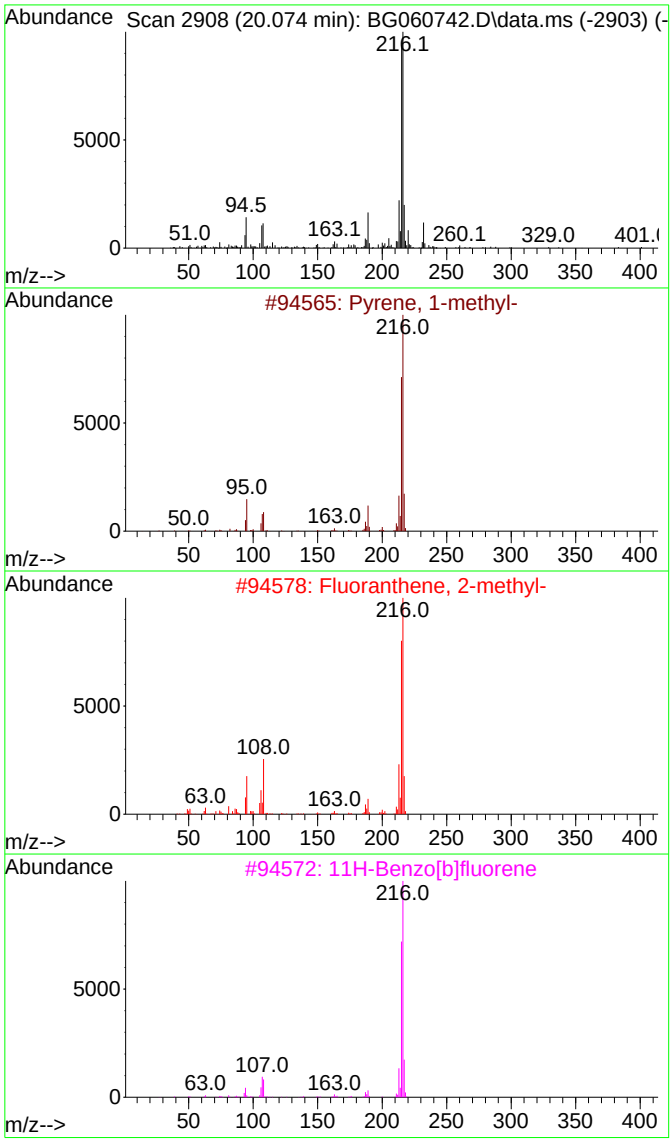
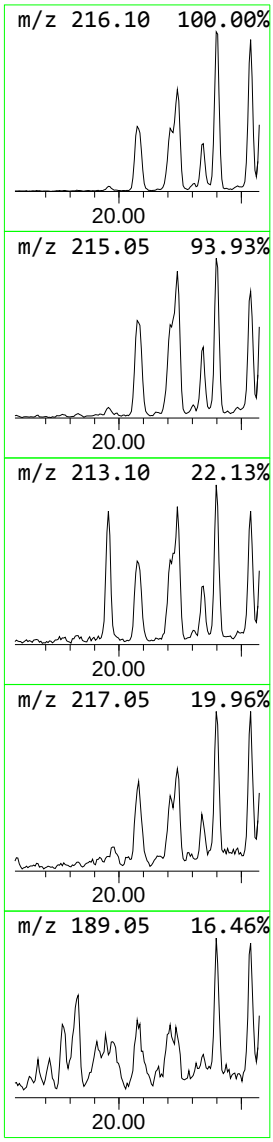
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.074	3.59 ng	505502	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
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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Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EB-03(2-4)

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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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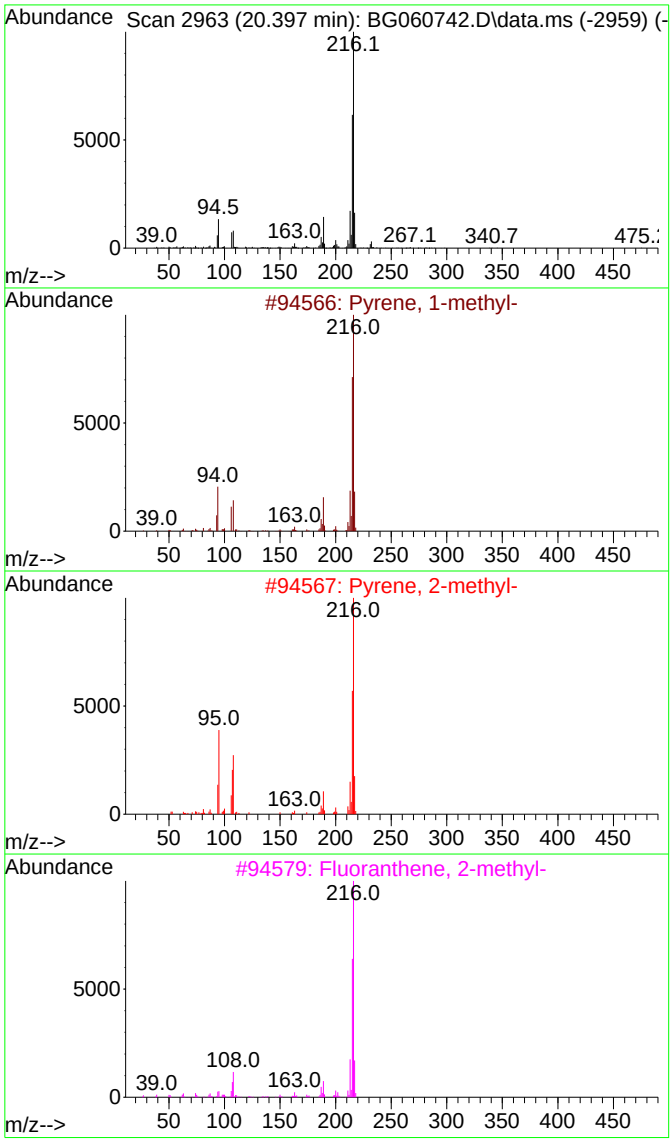
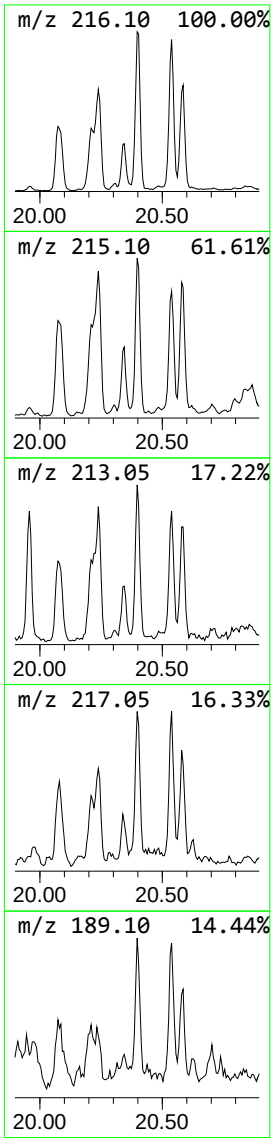
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.397	3.40 ng	479486	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Misc :
ALS Vial : 4 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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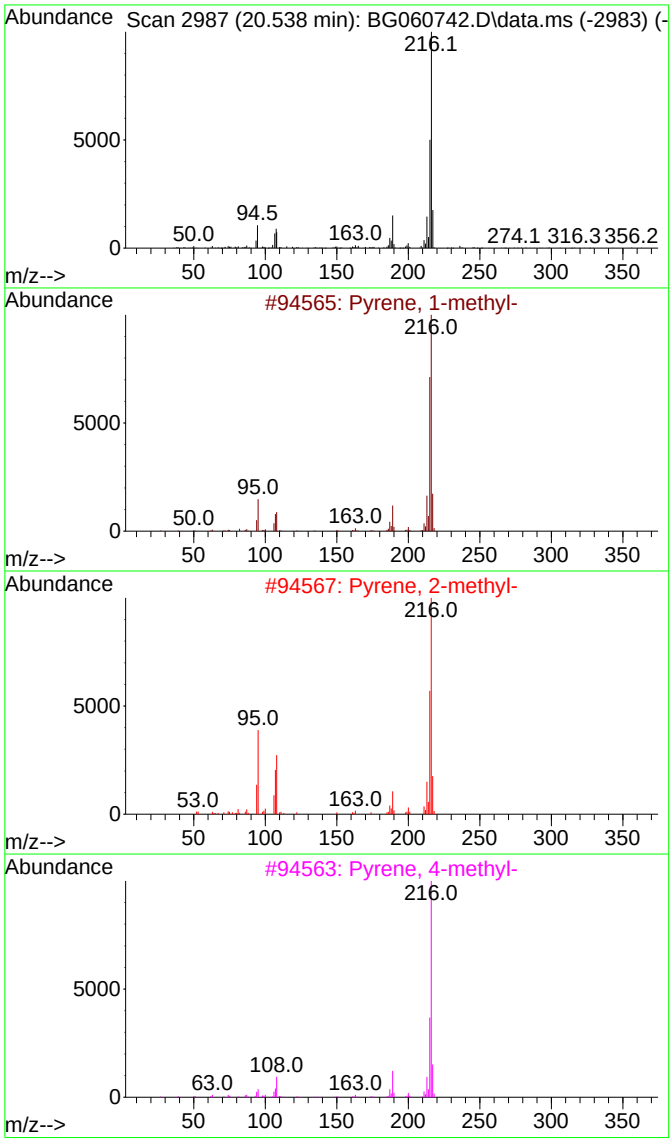
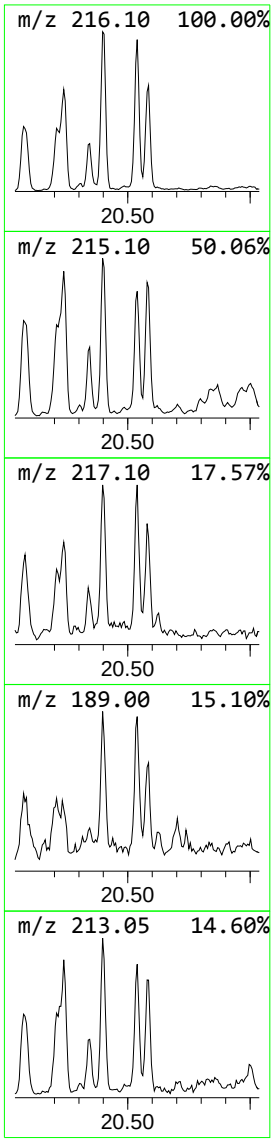
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.538	2.63 ng	371319	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Sample : P1879-06
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ALS Vial : 4 Sample Multiplier: 1

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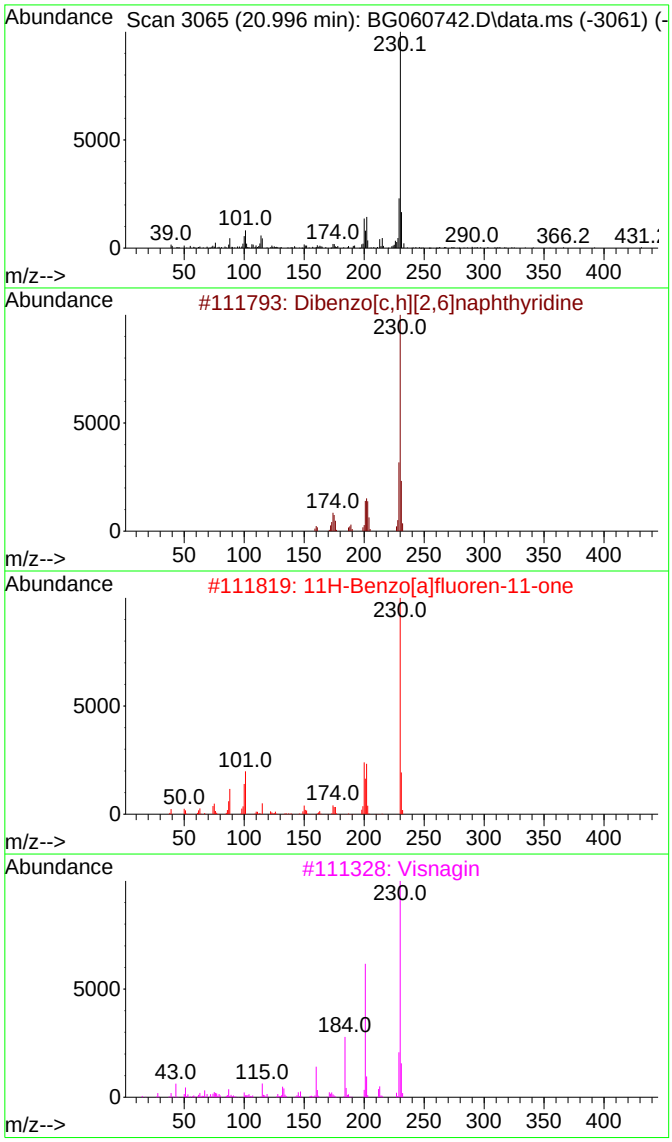
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

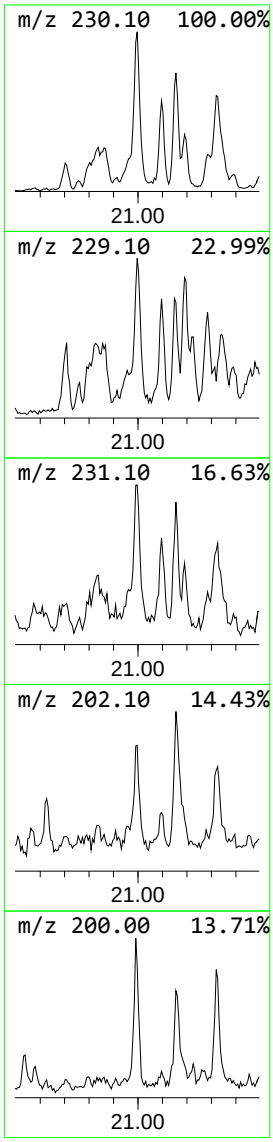
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dibenzo[c,h][2,6]naphthyridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.996	2.73 ng	384247	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	86
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	76
3	Visnagin	230	C13H10O4	000082-57-5	72
4	5-(Pent-3-en-1-yn-1-yl)-2,2'-bit...	230	C13H10S2	129050-92-6	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





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

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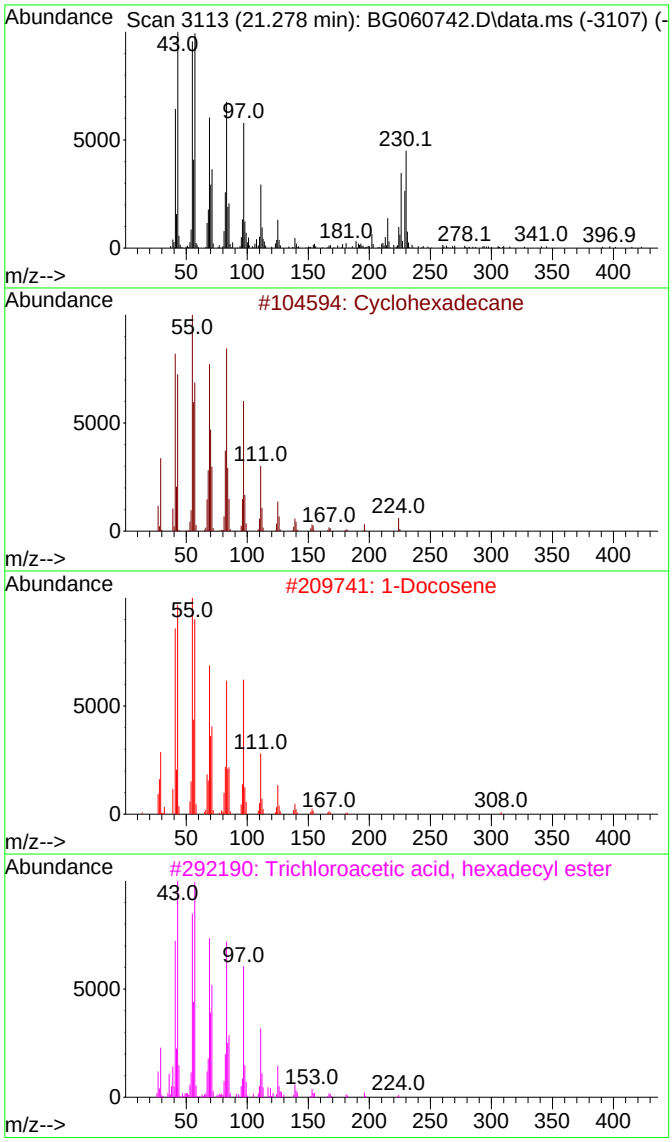
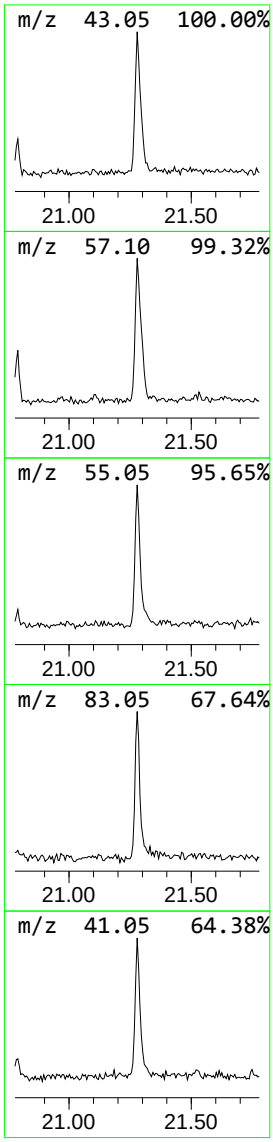
Peak Number 18 Cyclohexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.278	4.12 ng	581458	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	1-Docosene	308	C22H44	001599-67-3	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
5	Z-8-Hexadecene	224	C16H32	1000130-87-5	83





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Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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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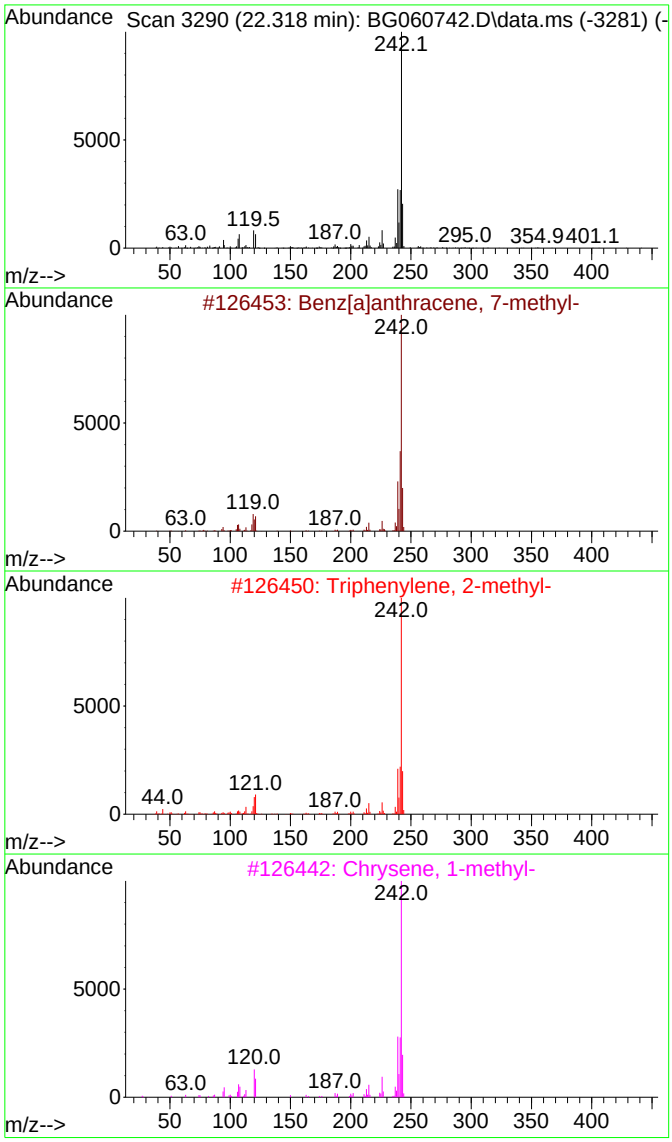
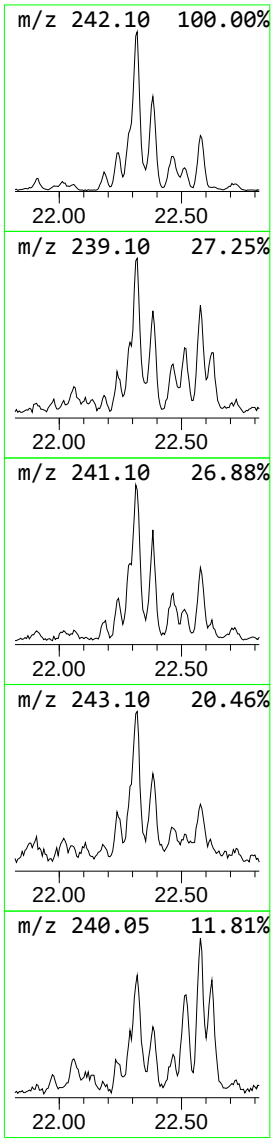
Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.318	5.16 ng	727488	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	91
5	2-Methylchrysene	242	C19H14	003351-32-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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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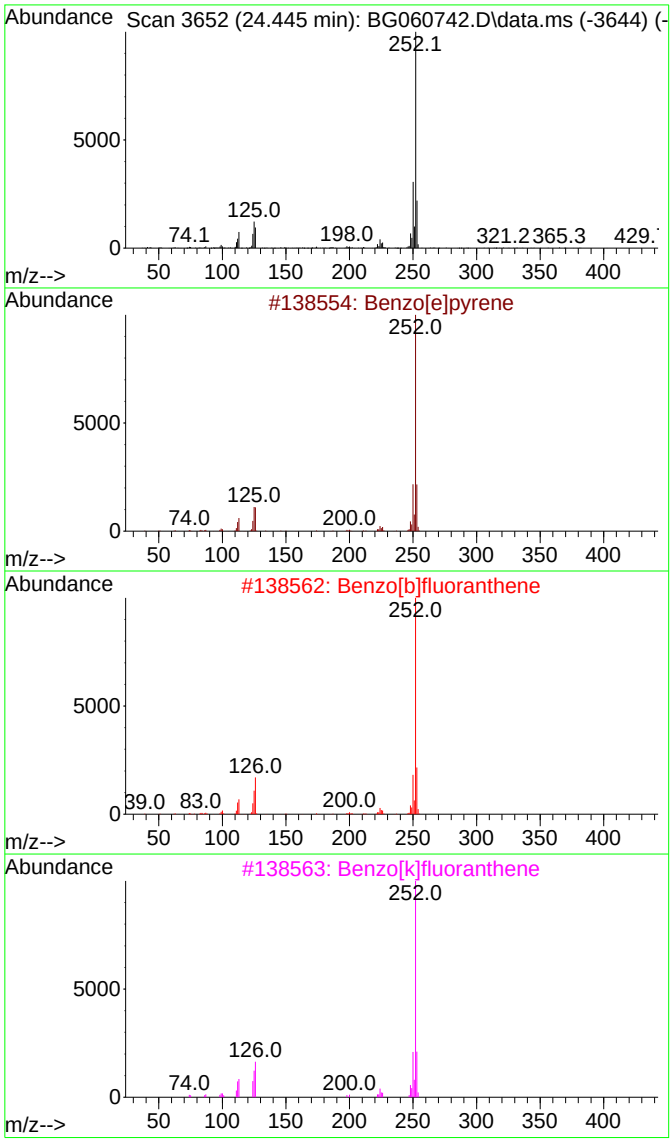
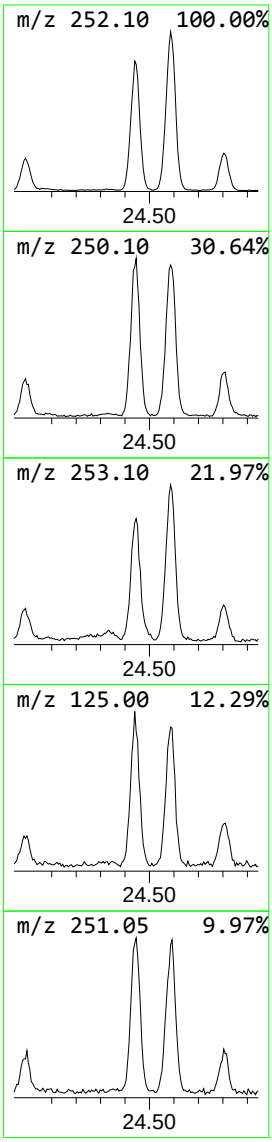
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.445	16.58 ng	1075030	Perylene-d12	24.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060742.D
Acq On : 2 Apr 2024 18:02
Operator : MA/JU
Sample : P1879-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-03(2-4)

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	35.9	ng	743845	1	7.953	414694	20.0
unknown3.687	3.687	4.0	ng	83261	1	7.953	414694	20.0
Phenanthrene, 1...	18.206	7.5	ng	407804	4	17.330	1085380	20.0
Phenanthrene, 2...	18.247	18.2	ng	985669	4	17.330	1085380	20.0
4H-Cyclopenta[d...	18.399	10.0	ng	540251	4	17.330	1085380	20.0
Anthracene, 1-m...	18.435	4.7	ng	254972	4	17.330	1085380	20.0
5,16[1',2']:8,1...	18.705	3.0	ng	165514	4	17.330	1085380	20.0
Phenanthrene, 3...	19.005	3.7	ng	199237	4	17.330	1085380	20.0
di-p-Tolylacety...	19.046	2.8	ng	150782	4	17.330	1085380	20.0
Pentafluoroprop...	19.105	25.5	ng	1384770	4	17.330	1085380	20.0
9,10-Dimethylan...	19.181	5.8	ng	316679	4	17.330	1085380	20.0
Cyclopenta(def)...	19.257	4.7	ng	256030	4	17.330	1085380	20.0
Pyrene, 1-methyl-	20.074	3.6	ng	505502	5	21.596	2819550	20.0
Pyrene, 2-methyl-	20.397	3.4	ng	479486	5	21.596	2819550	20.0
Pyrene, 4-methyl-	20.538	2.6	ng	371319	5	21.596	2819550	20.0
Dibenzo[c,h][2,...	20.996	2.7	ng	384247	5	21.596	2819550	20.0
Cyclohexadecane	21.278	4.1	ng	581458	5	21.596	2819550	20.0
Benz[a]anthrace...	22.318	5.2	ng	727488	5	21.596	2819550	20.0
Benzo[e]pyrene	24.445	16.6	ng	1075030	6	24.733	1296960	20.0