LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
Data File : BM029529.D
Acq On : 16 Apr 2021 19:34
Operator : CG/JU
Sample : M2050-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-2

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_M\Methods\8270-BM040121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029529.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.922	3	6	20	rVB	332832	484532	14.90%	1.246%
2	4.422	256	261	269	rVB2	33144	53203	1.64%	0.137%
3	5.275	399	406	413	rBV	691816	1024199	31.50%	2.634%
4	6.846	666	673	687	rBV	662396	1097899	33.77%	2.824%
5	7.675	805	814	824	rBV	443369	709962	21.83%	1.826%
6	8.822	1002	1009	1018	rBV	414020	699329	21.51%	1.799%
7	10.451	1278	1286	1292	rBV	525965	903673	27.79%	2.324%
8	10.504	1292	1295	1301	rVB	61046	92204	2.84%	0.237%
9	12.122	1561	1570	1576	rVB	33427	62509	1.92%	0.161%
10	12.339	1602	1607	1614	rVB	20890	36713	1.13%	0.094%
11	12.928	1701	1707	1715	rBV	777485	1164978	35.83%	2.997%
12	13.145	1738	1744	1749	rBV	25293	39263	1.21%	0.101%
13	13.633	1820	1827	1832	rBV2	26152	47082	1.45%	0.121%
14	13.769	1845	1850	1854	rBV2	30574	45320	1.39%	0.117%
15	14.033	1888	1895	1904	rBV	78593	138201	4.25%	0.355%
16	14.151	1909	1915	1924	rVV5	14073	35125	1.08%	0.090%
17	14.310	1934	1942	1948	rBV	678087	1014869	31.21%	2.610%
18	14.375	1948	1953	1961	rVB	68228	115605	3.56%	0.297%
19	14.616	1987	1994	2000	rBV5	14551	32872	1.01%	0.085%
20	14.710	2003	2010	2018	rVV2	61838	118650	3.65%	0.305%
21	14.933	2040	2048	2052	rBV5	17957	37471	1.15%	0.096%
22	15.363	2116	2121	2125	rBV2	64419	93469	2.87%	0.240%
23	15.657	2166	2171	2181	rVB	35437	73795	2.27%	0.190%
24	15.798	2189	2195	2205	rVV2	626137	927475	28.52%	2.386%
25	15.880	2205	2209	2218	rVB8	15505	36550	1.12%	0.094%
26	16.039	2231	2236	2243	rBV3	48409	69653	2.14%	0.179%
27	16.363	2289	2291	2296	rVV3	28048	40207	1.24%	0.103%
28	16.416	2296	2300	2305	rVV3	25618	39344	1.21%	0.101%
29	16.633	2333	2337	2340	rVB3	28738	36402	1.12%	0.094%
30	16.710	2345	2350	2357	rVB	70722	113447	3.49%	0.292%
31	16.798	2359	2365	2369	rBV2	29098	77230	2.38%	0.199%
32	16.874	2374	2378	2386	rVB	62340	102880	3.16%	0.265%
33	17.057	2402	2409	2412	rBV	753395	1080542	33.23%	2.779%
34	17.098	2412	2416	2422	rVV	1002401	1386367	42.64%	3.566%
35	17.186	2426	2431	2437	rVB	279867	397148	12.21%	1.022%
36	17.245	2437	2441	2447	rBV2	45837	78392	2.41%	0.202%

LSC Area Percent Report

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Acq On : 16 Apr 2021 19:34
Operator : CG/JU
Sample : M2050-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-2

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_M\Methods\8270-BM040121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.457	2468	2477	2481	rBV2	84609	152412	4.69%	0.392%
38	17.568	2492	2496	2501	rBV3	40451	63440	1.95%	0.163%
39	17.633	2504	2507	2511	rVB2	42589	52942	1.63%	0.136%
40	17.927	2552	2557	2560	rVV	206268	320325	9.85%	0.824%
41	17.963	2560	2563	2573	rVV2	372702	823601	25.33%	2.118%
42	18.057	2575	2579	2584	rVV	125413	197010	6.06%	0.507%
43	18.121	2584	2590	2594	rVV2	281739	560094	17.23%	1.441%
44	18.157	2594	2596	2604	rVB	162499	216885	6.67%	0.558%
45	18.433	2639	2643	2646	rBV	129716	168268	5.18%	0.433%
46	18.468	2646	2649	2660	rVB2	96495	148902	4.58%	0.383%
47	18.557	2661	2664	2669	rVB	30531	41743	1.28%	0.107%
48	18.680	2681	2685	2689	rVV	67978	84852	2.61%	0.218%
49	18.727	2690	2693	2696	rVV	61626	75817	2.33%	0.195%
50	18.768	2697	2700	2704	rVB	61291	75246	2.31%	0.194%
51	18.851	2709	2714	2719	rBV	176321	288843	8.88%	0.743%
52	18.945	2728	2730	2733	rVB	57825	55473	1.71%	0.143%
53	18.992	2733	2738	2746	rBV3	112787	204227	6.28%	0.525%
54	19.115	2753	2759	2766	rBV	1914034	2576757	79.25%	6.628%
55	19.180	2767	2770	2773	rBV2	47350	54471	1.68%	0.140%
56	19.215	2773	2776	2777	rBV2	55643	55480	1.71%	0.143%
57	19.245	2777	2781	2787	rVV3	154531	257799	7.93%	0.663%
58	19.474	2816	2820	2829	rVB	1777307	2577638	79.27%	6.630%
59	19.551	2829	2833	2839	rVB3	103116	187887	5.78%	0.483%
60	19.686	2848	2856	2859	rBV	1010097	1320273	40.60%	3.396%
61	19.804	2871	2876	2882	rBV3	156585	356649	10.97%	0.917%
62	19.939	2896	2899	2901	rBV3	71155	106192	3.27%	0.273%
63	19.974	2901	2905	2909	rVB	294662	414450	12.75%	1.066%
64	20.074	2918	2922	2926	rBV	210008	264394	8.13%	0.680%
65	20.133	2927	2932	2935	rVV2	194744	283625	8.72%	0.730%
66	20.268	2952	2955	2958	rBV2	133063	155519	4.78%	0.400%
67	20.315	2960	2963	2967	rVB	147029	191916	5.90%	0.494%
68	20.715	3029	3031	3038	rVB	164818	229394	7.05%	0.590%
69	20.921	3063	3066	3069	rBV	155562	164557	5.06%	0.423%
70	20.956	3069	3072	3078	rVV2	310257	452459	13.92%	1.164%
71	21.009	3078	3081	3088	rVB2	167384	254781	7.84%	0.655%
72	21.227	3113	3118	3123	rBV2	1632806	3251554	100.00%	8.364%
73	21.274	3123	3126	3135	rVB	1177209	1490346	45.83%	3.833%
74	21.392	3143	3146	3151	rBV2	174230	244764	7.53%	0.630%
75	22.786	3378	3383	3388	rBV	983578	2135126	65.66%	5.492%
76	22.950	3408	3411	3420	rVB	211548	321838	9.90%	0.828%

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Misc :
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Instrument : BNA_M
ClientSampleId : TP-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.256	3458	3463	3471	rVB	633124	1195666	36.77%	3.075%
78	23.350	3473	3479	3486	rVB	954596	1755293	53.98%	4.515%
79	23.445	3490	3495	3500	rBV2	687290	1215365	37.38%	3.126%
80	25.662	3867	3872	3885	rVB	491960	1326371	40.79%	3.412%

Sum of corrected areas: 38877204

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
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Acq On : 16 Apr 2021 19:34
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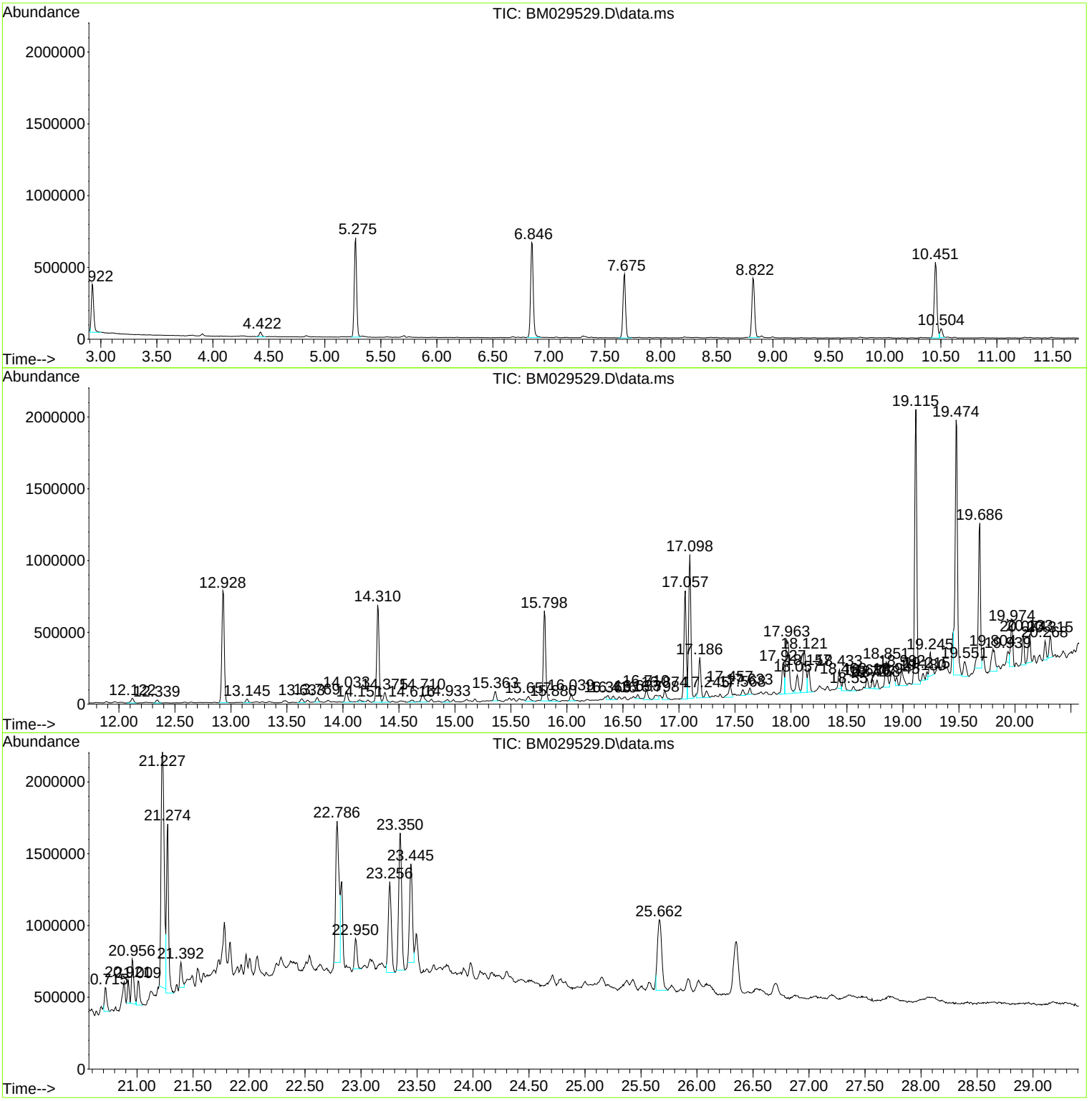
Instrument :
BNA_M
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
Data File : BM029529.D
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Operator : CG/JU
Sample : M2050-13 2X
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Instrument :
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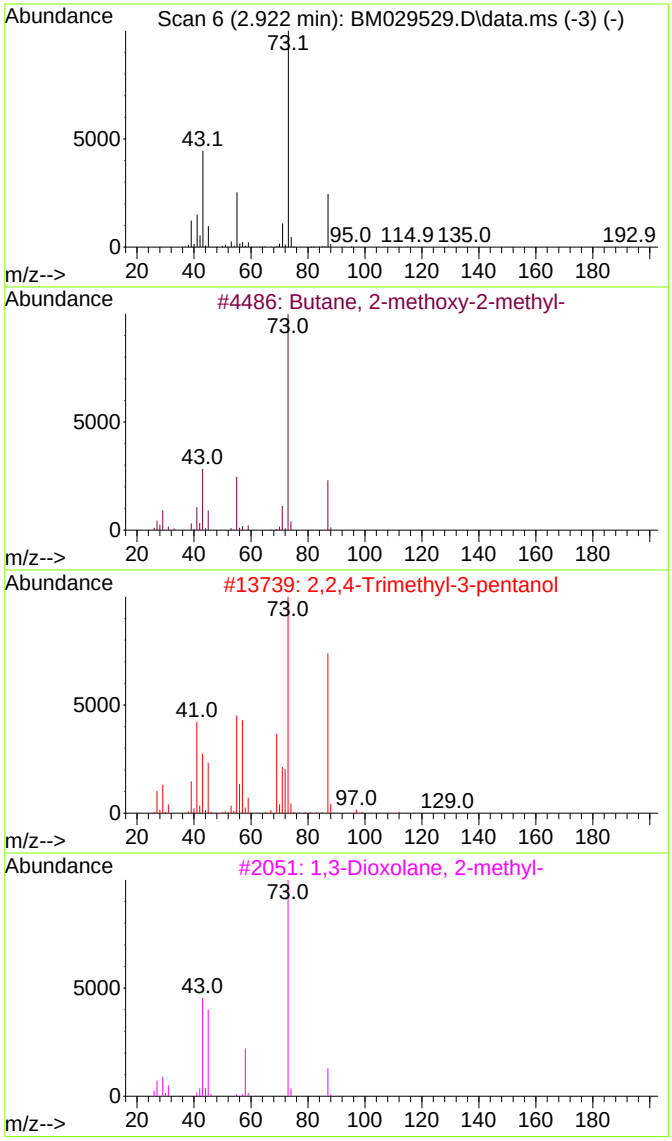
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

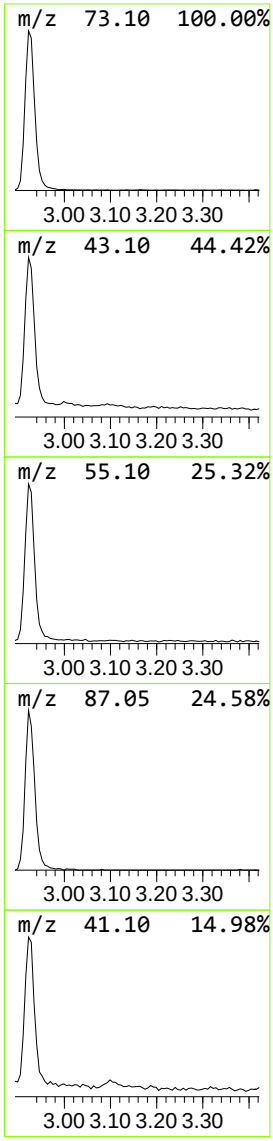
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.922	13.65 ng	484532	1,4-Dichlorobenzene-d4	7.675

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BM029529.D
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Operator : CG/JU
Sample : M2050-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

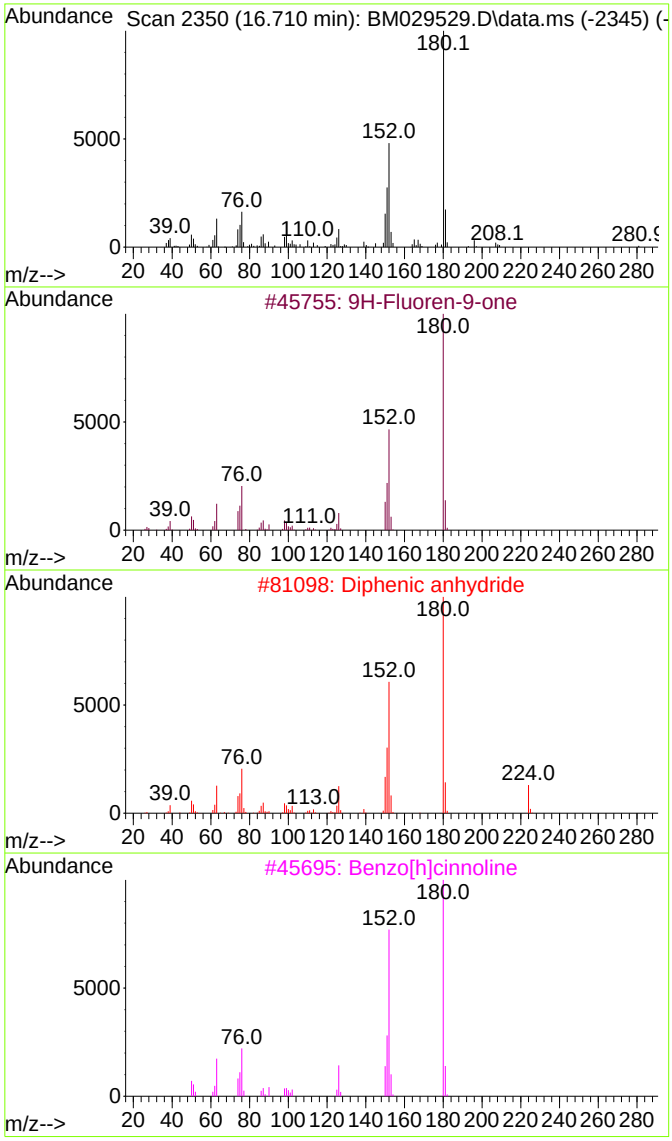
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

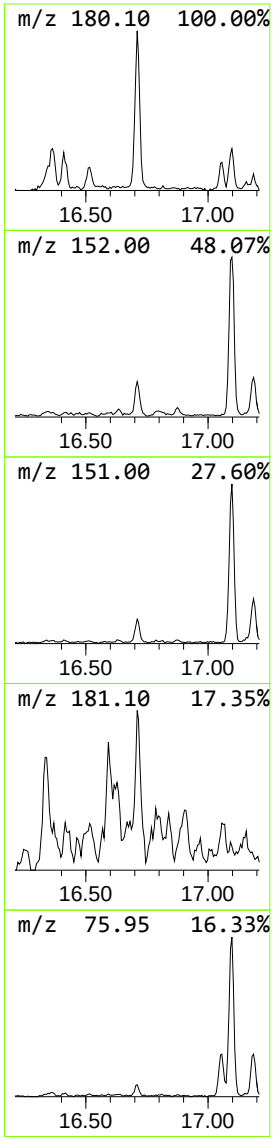
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.710	2.10 ng	113447	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Diphenic anhydride	224	C14H8O3	006050-13-1	87
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	80
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
Data File : BM029529.D
Acq On : 16 Apr 2021 19:34
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Sample : M2050-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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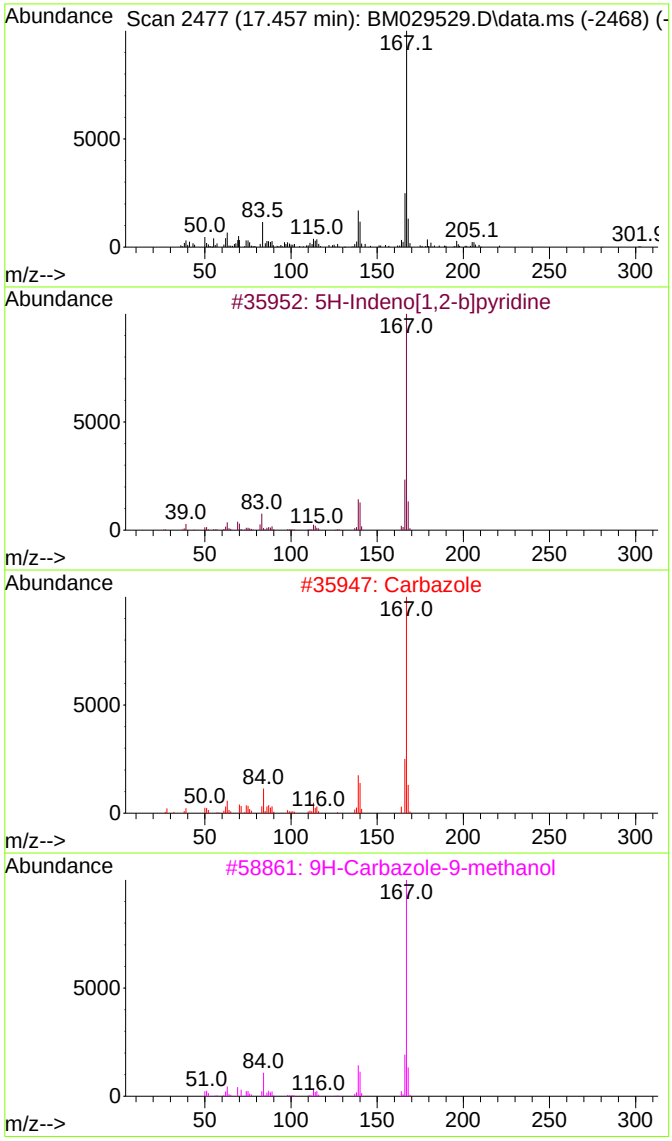
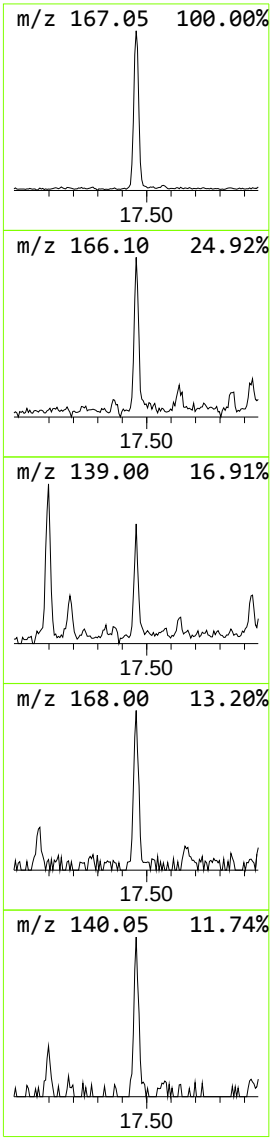
****

Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.457	2.82 ng	152412	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2	Carbazole	167	C12H9N	000086-74-8	94
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	87
5	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80





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TIC Library : C:\DATABASE\NIST11.L
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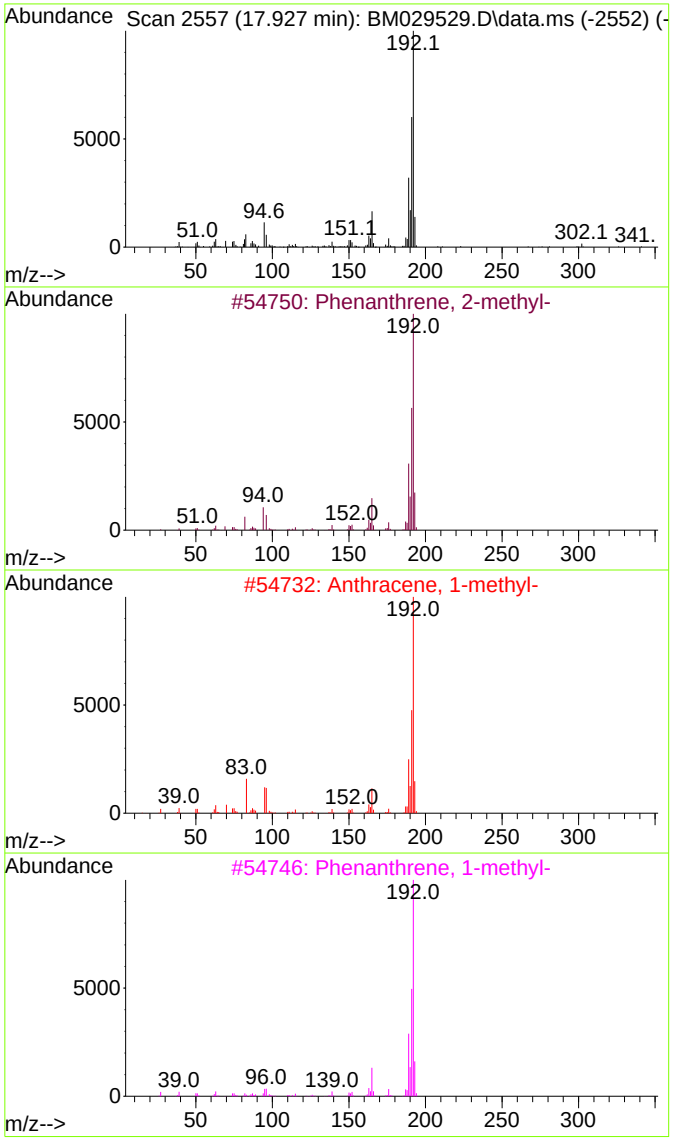
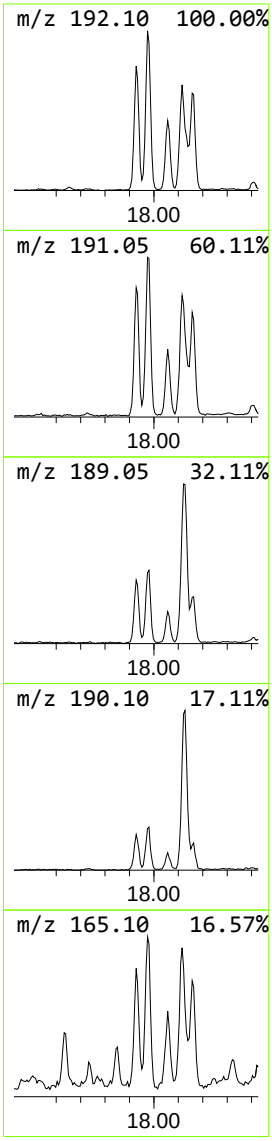
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	5.93 ng	320325	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

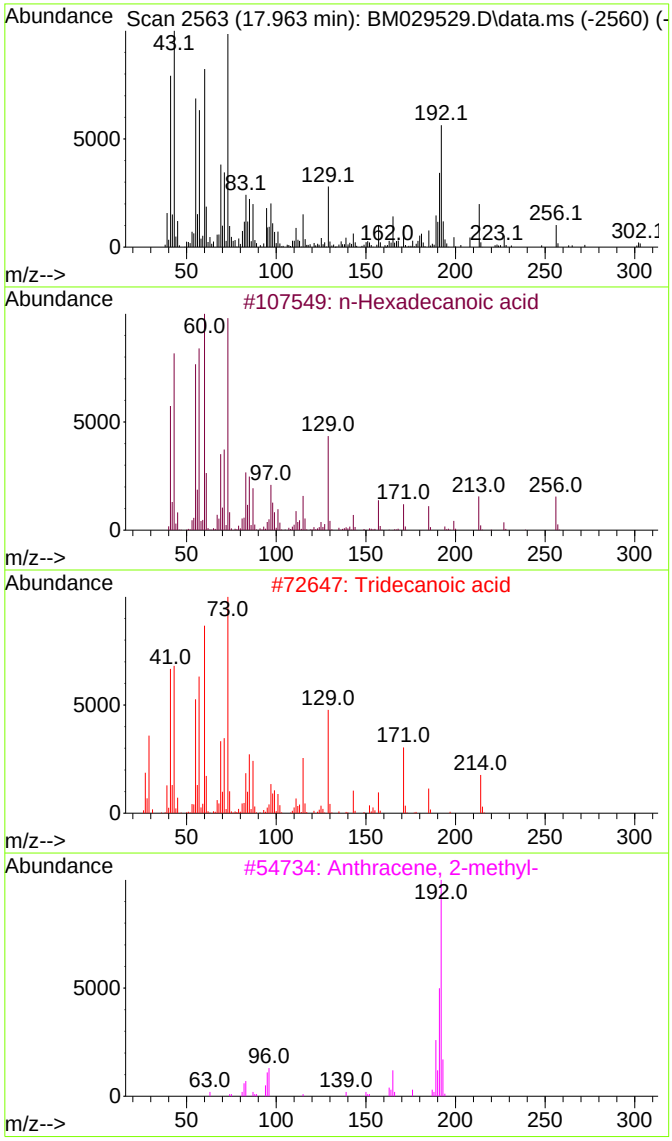
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

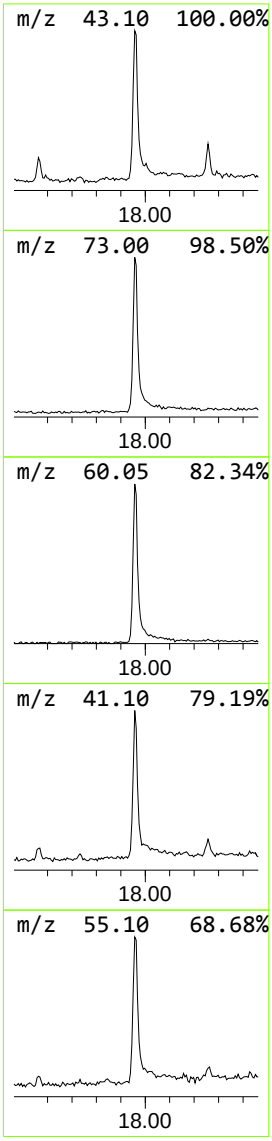
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.962	15.24 ng	823601	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Octadecanoic acid	284	C18H36O2	000057-11-4	53





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Data File : BM029529.D
Acq On : 16 Apr 2021 19:34
Operator : CG/JU
Sample : M2050-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

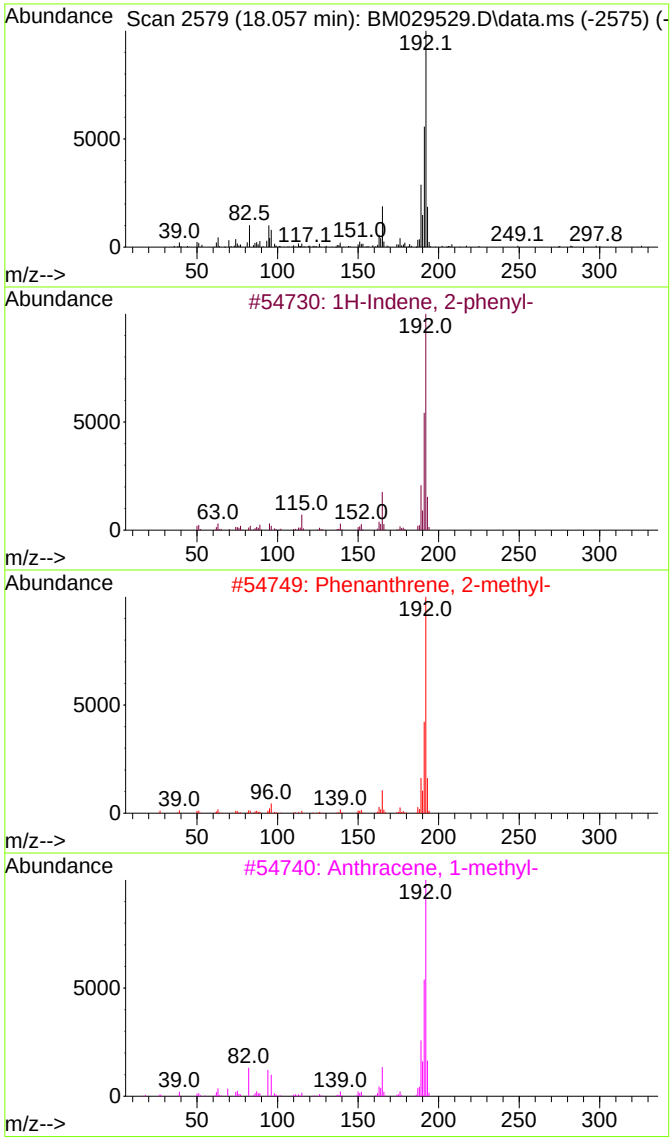
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

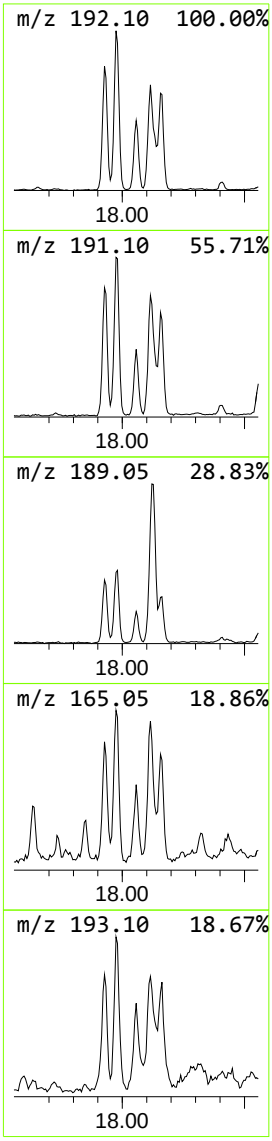
****

Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	3.65 ng	197010	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Acq On : 16 Apr 2021 19:34
Operator : CG/JU
Sample : M2050-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-2

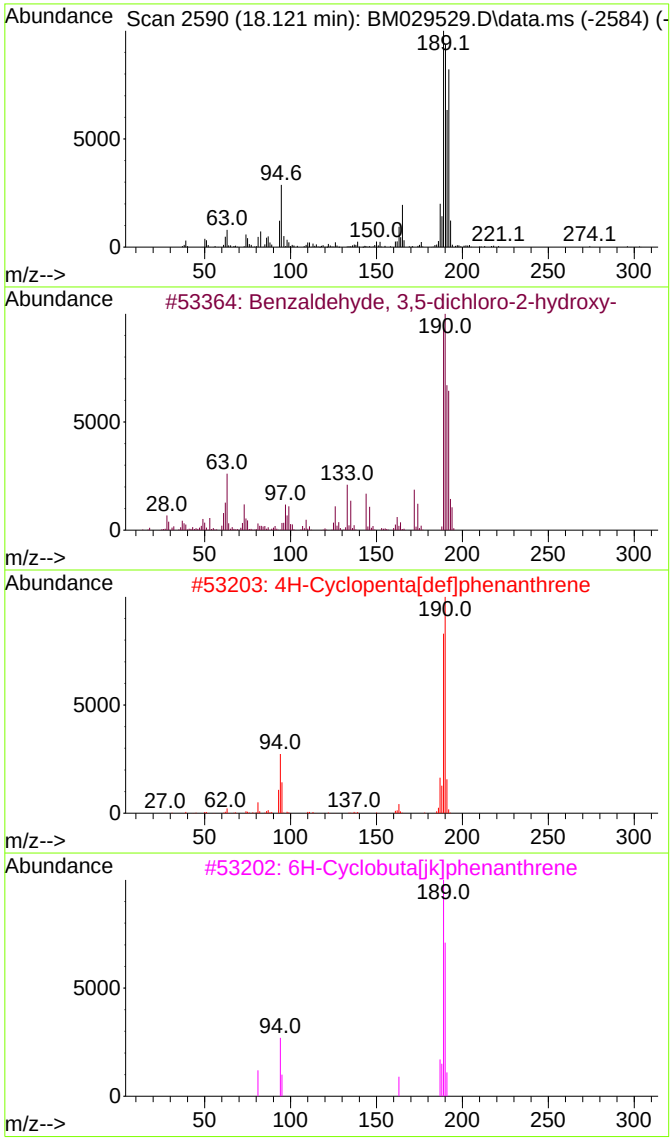
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

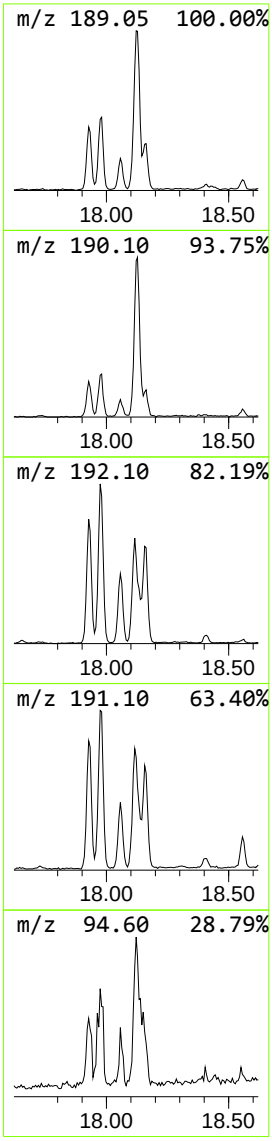
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	10.37 ng	560094	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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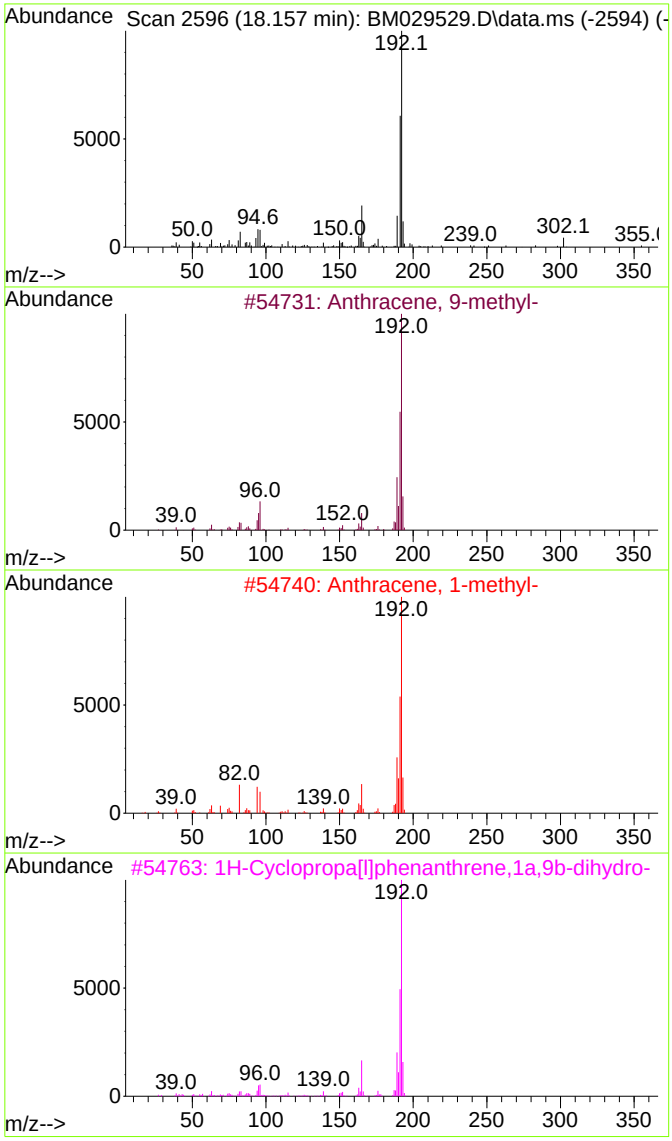
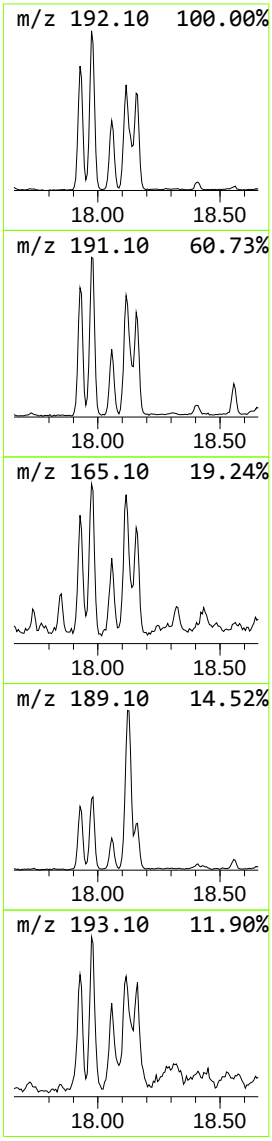
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	4.01 ng	216885	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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Sample : M2050-13 2X
Misc :
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Instrument :
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ClientSampleId :
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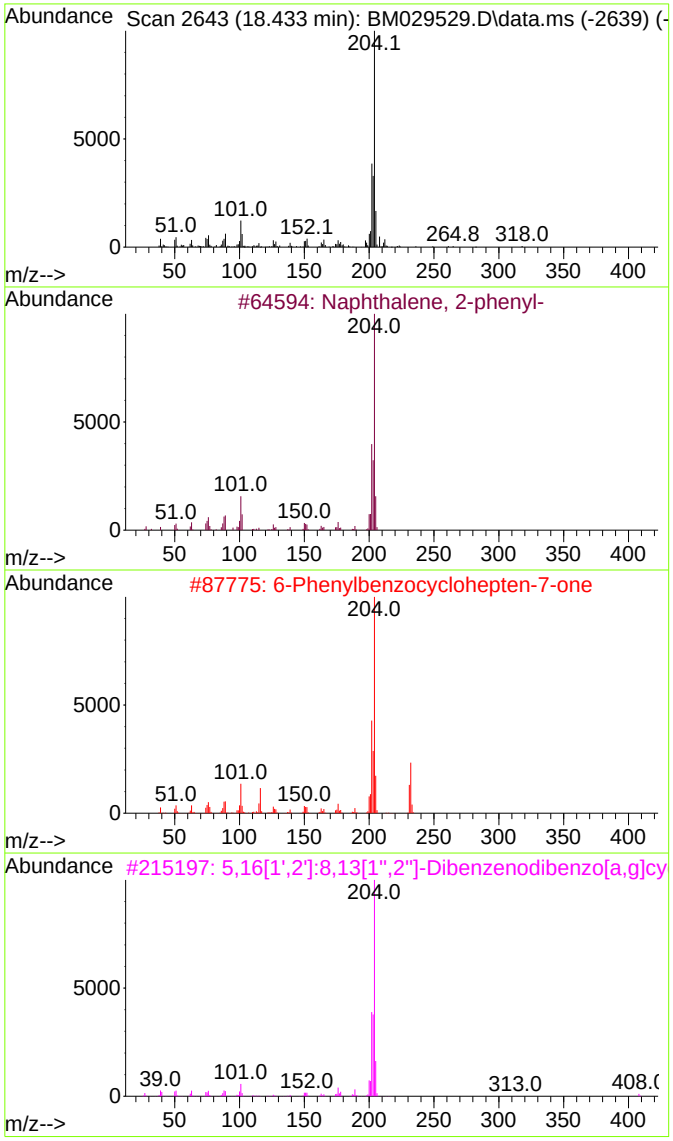
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

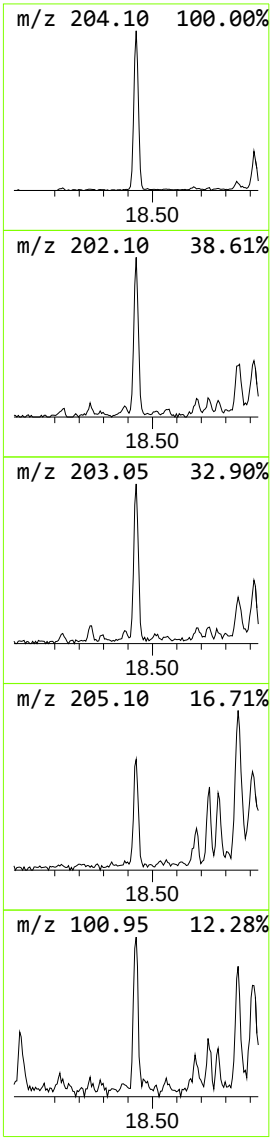
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	3.11 ng	168268	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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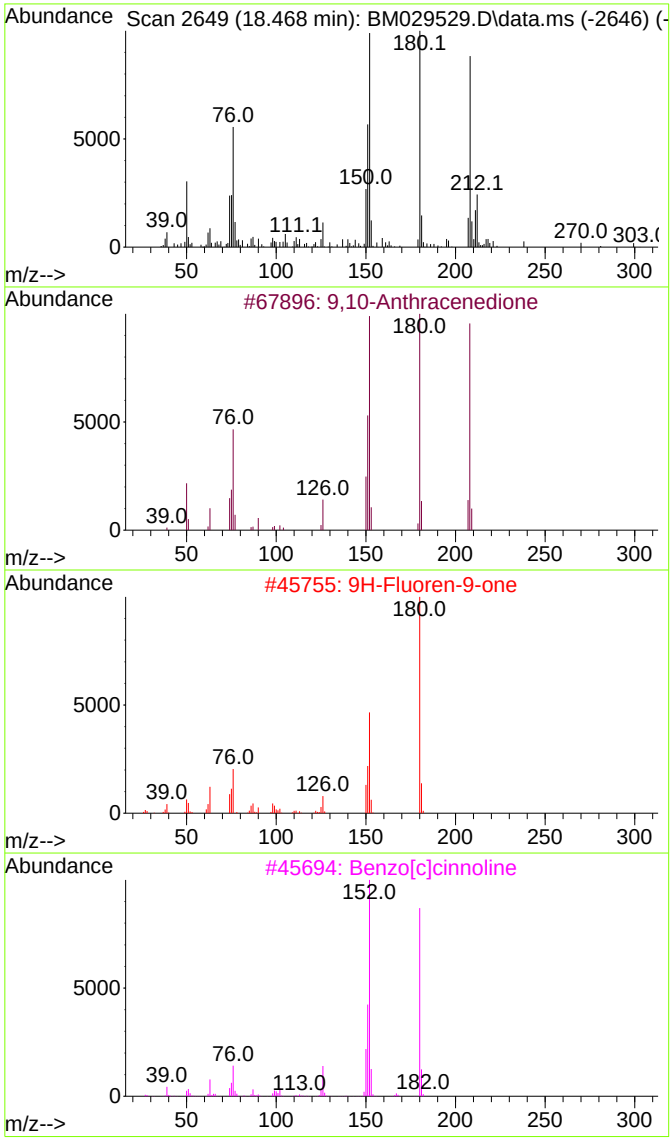
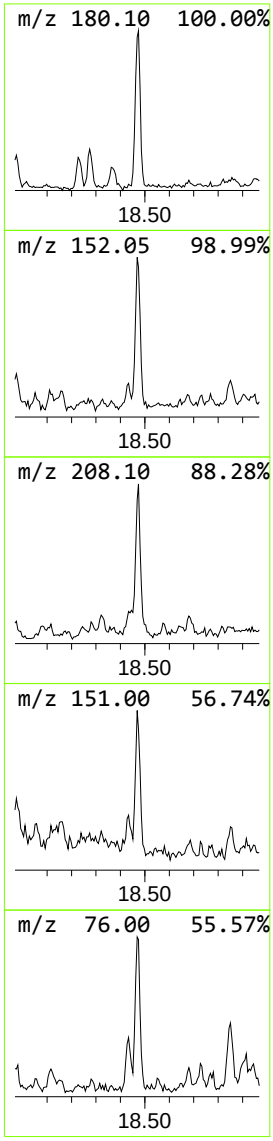
Peak Number 12 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.468	2.76 ng	148902	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	30





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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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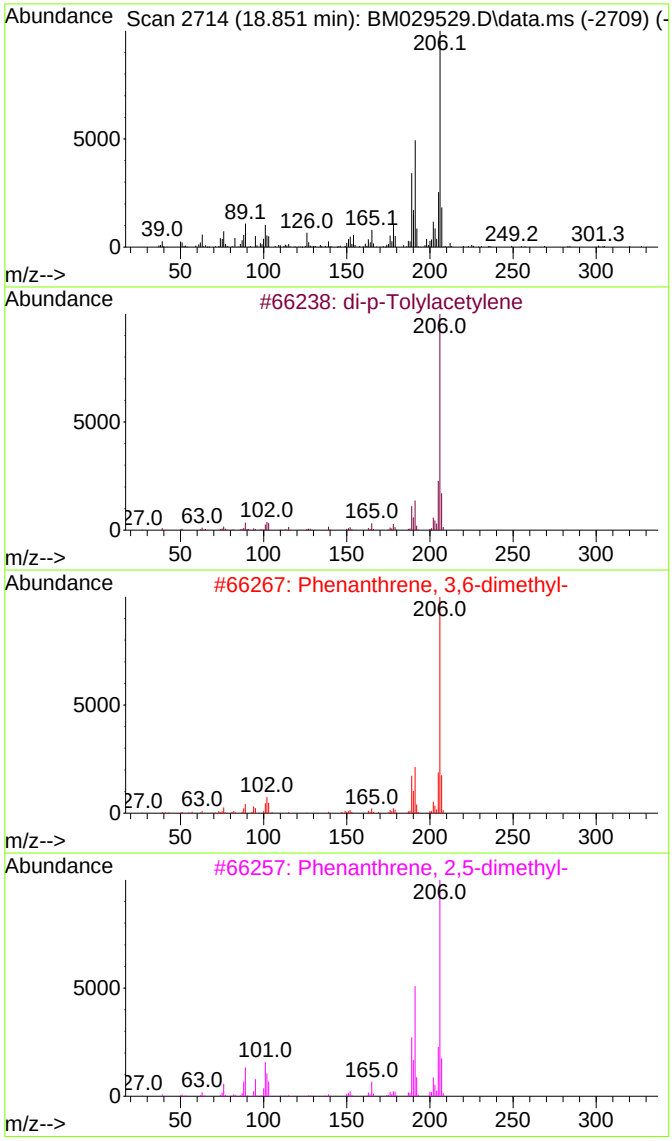
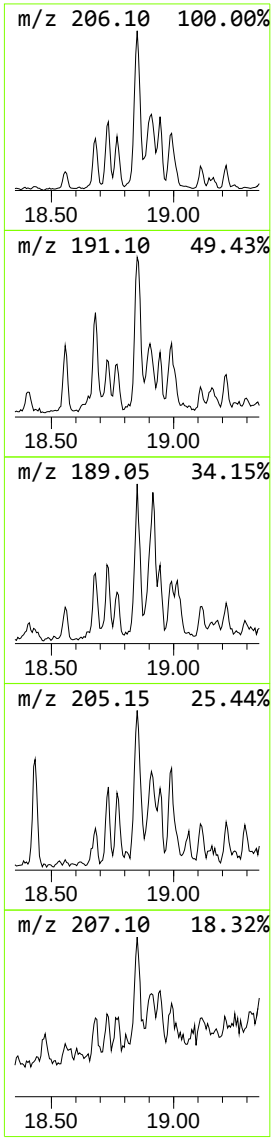
Peak Number 13 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	5.35 ng	288843	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Sample : M2050-13 2X
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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

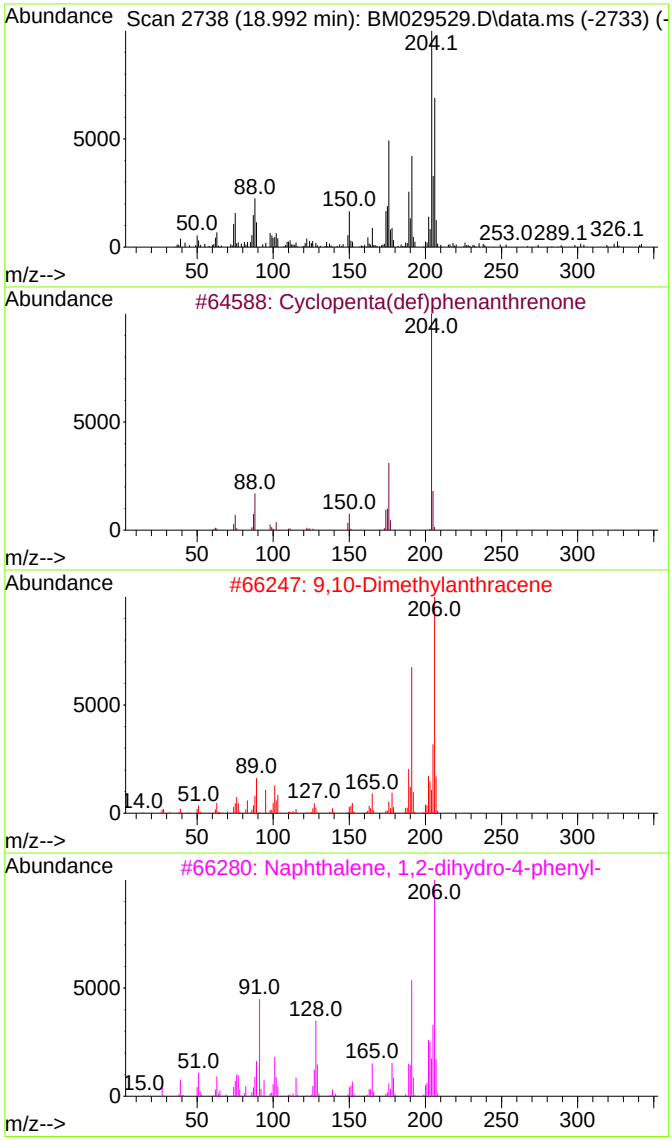
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

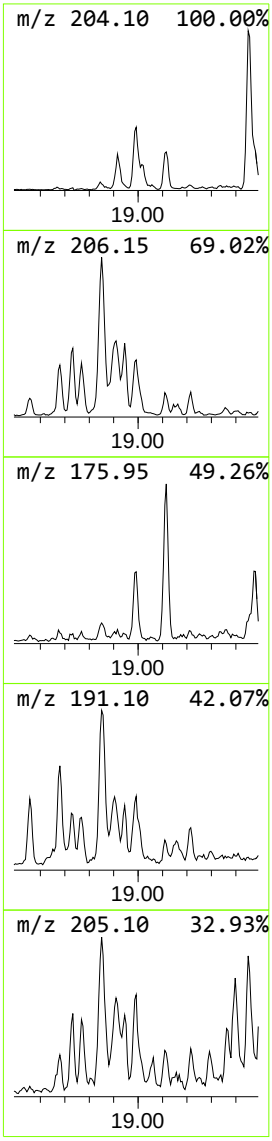
****

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	3.78 ng	204227	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	41
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	38





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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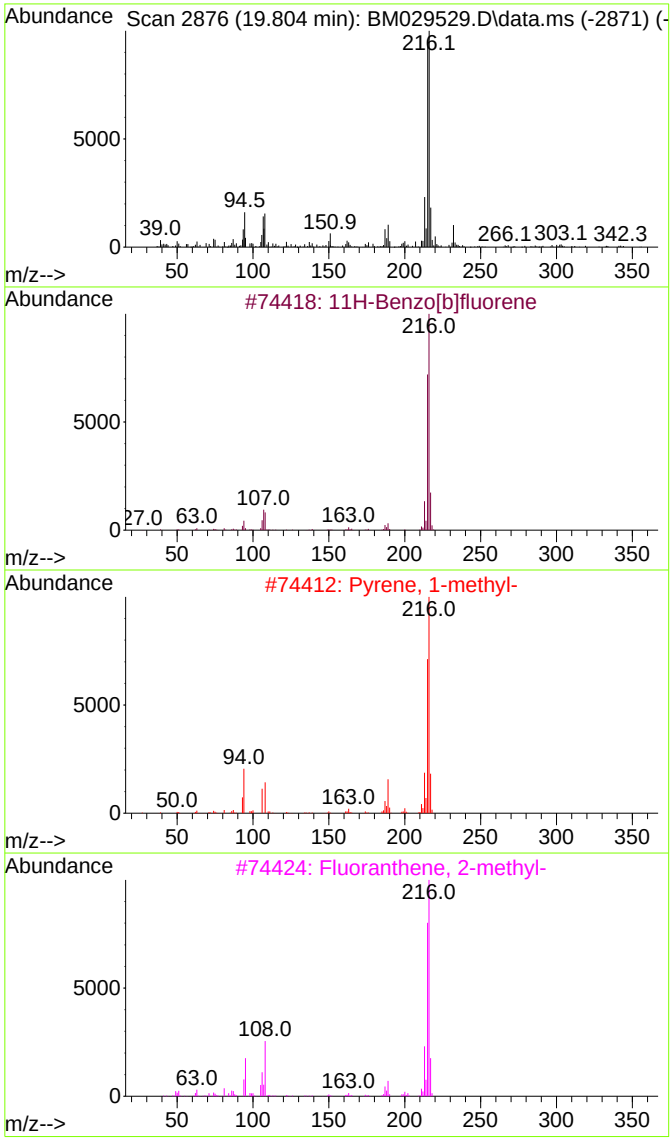
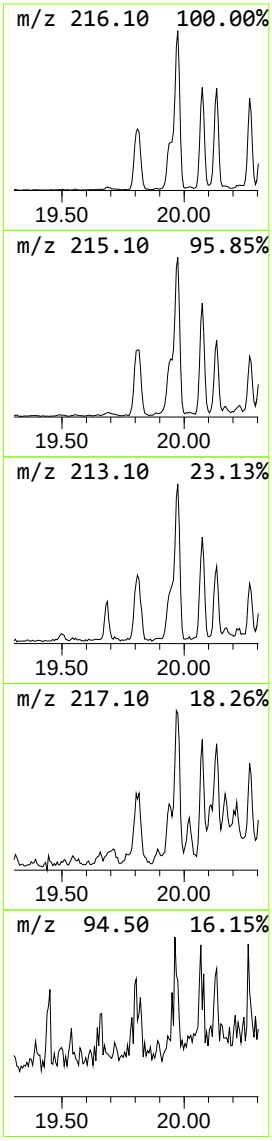
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.804	2.19 ng	356649	Chrysene-d12	21.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
ALS Vial : 16 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\NIST11.L
TIC Integration Parameters: LSCINT.P

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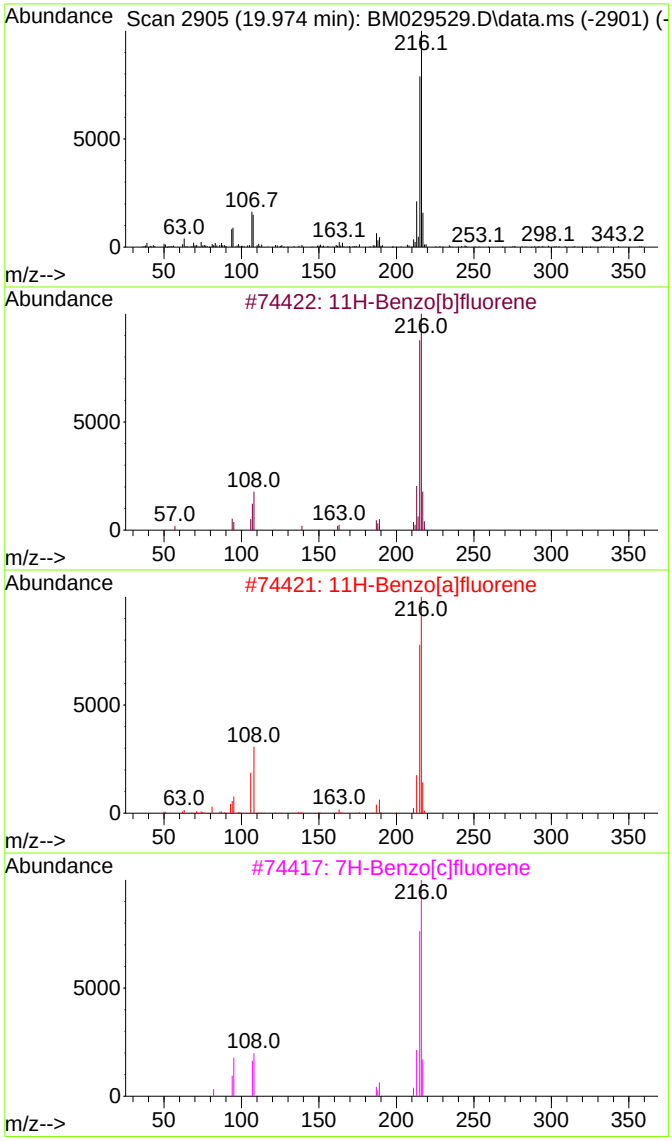
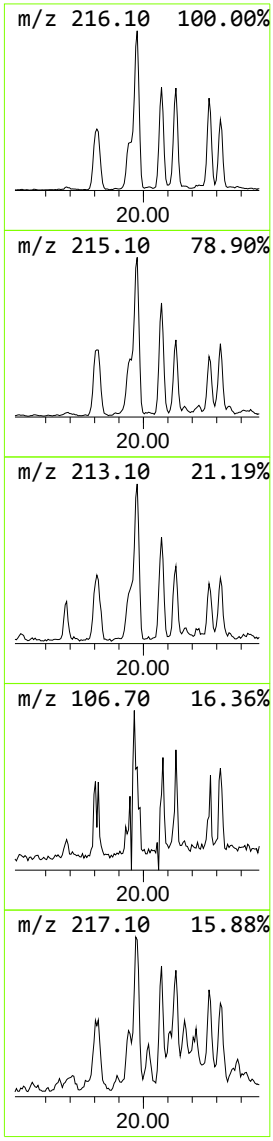
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.974	2.55 ng	414450	Chrysene-d12	21.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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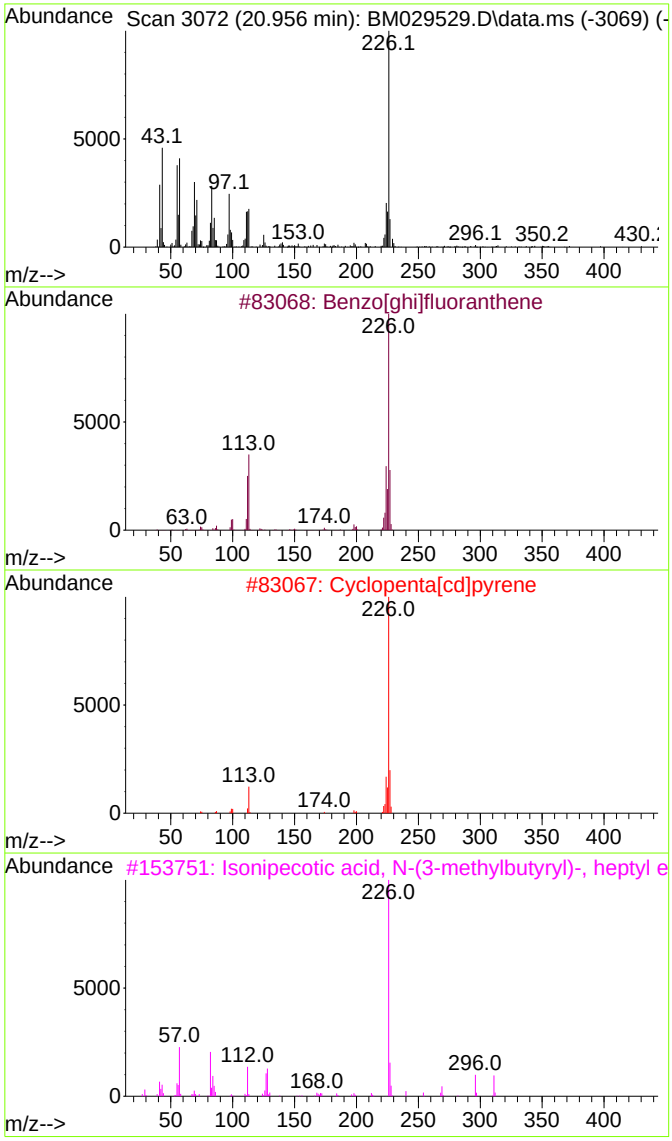
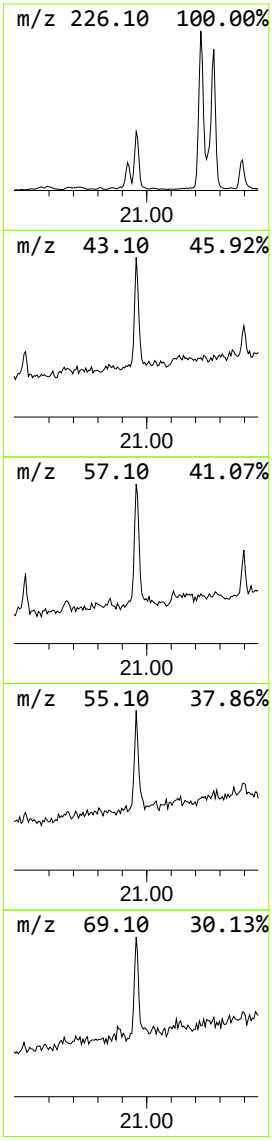
Peak Number 17 Benzo[ghi]fluoranthene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.956	2.78 ng	452459	Chrysene-d12	21.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	53
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3	Isonipecotic acid, N-(3-methylbu...	311	C18H33NO3	1000360-99-1	37
4	Diheptylisobutylamine	269	C18H39N	1000310-32-0	37
5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	27





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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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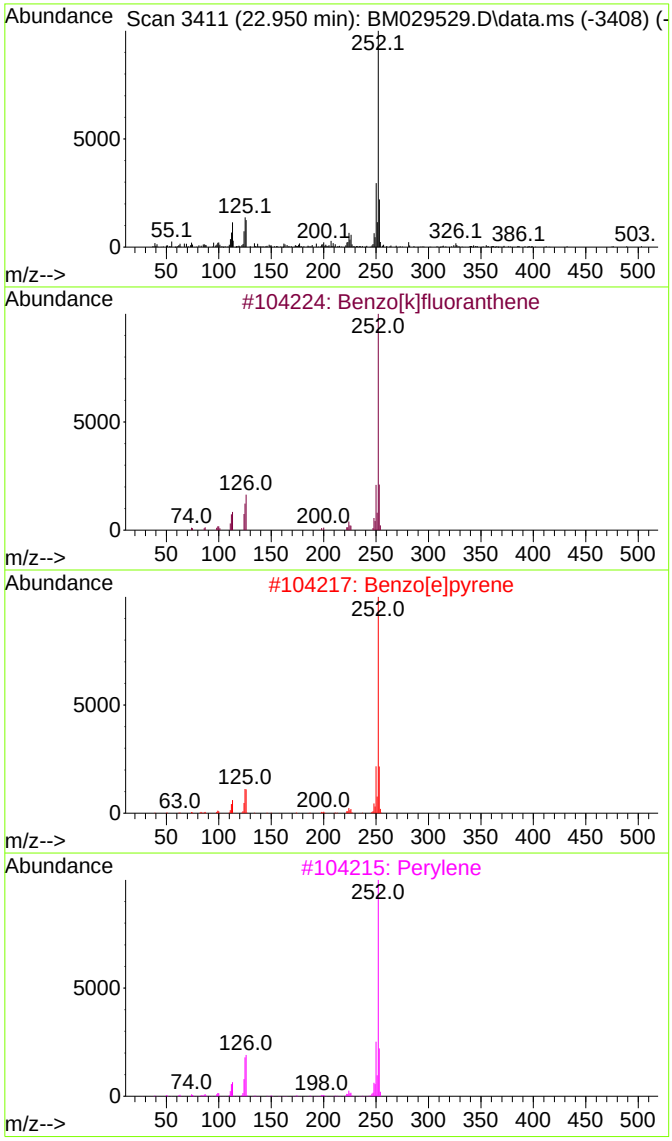
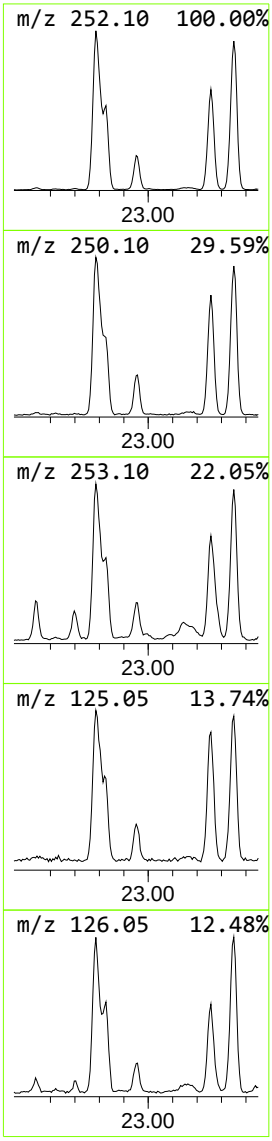
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.950	5.30 ng	321838	Perylene-d12	23.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	91





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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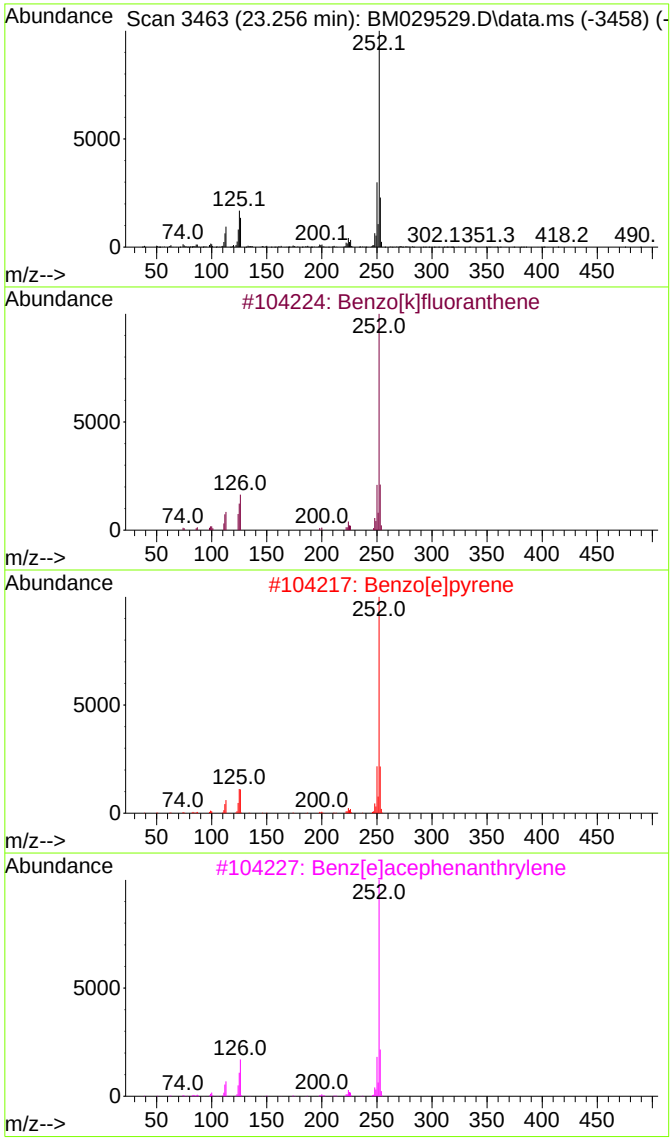
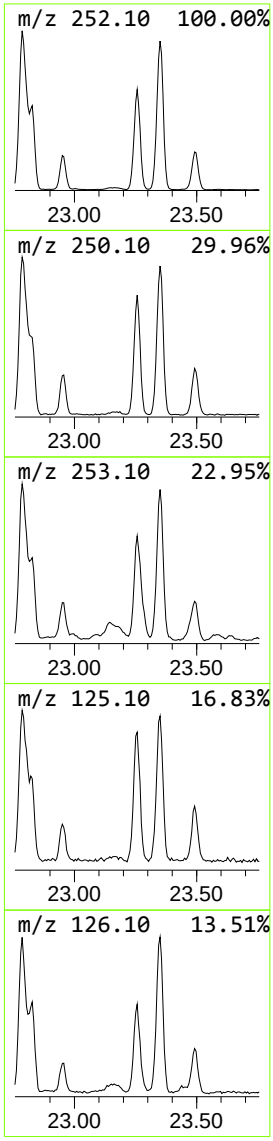
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.256	19.68 ng	1195670	Perylene-d12	23.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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Data File : BM029529.D
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Operator : CG/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.922	13.7	ng	484532	1	7.675	709962	20.0
9H-Fluoren-9-one	16.710	2.1	ng	113447	4	17.057	1080540	20.0
5H-Indeno[1,2-b...	17.457	2.8	ng	152412	4	17.057	1080540	20.0
Phenanthrene, 2...	17.927	5.9	ng	320325	4	17.057	1080540	20.0
n-Hexadecanoic ...	17.962	15.2	ng	823601	4	17.057	1080540	20.0
1H-Indene, 2-ph...	18.057	3.6	ng	197010	4	17.057	1080540	20.0
Benzaldehyde, 3...	18.121	10.4	ng	560094	4	17.057	1080540	20.0
Anthracene, 9-m...	18.157	4.0	ng	216885	4	17.057	1080540	20.0
Naphthalene, 2-...	18.433	3.1	ng	168268	4	17.057	1080540	20.0
9,10-Anthracene...	18.468	2.8	ng	148902	4	17.057	1080540	20.0
di-p-Tolylacety...	18.851	5.3	ng	288843	4	17.057	1080540	20.0
Cyclopenta(def)...	18.992	3.8	ng	204227	4	17.057	1080540	20.0
11H-Benzo[b]flu...	19.804	2.2	ng	356649	5	21.239	3251550	20.0
11H-Benzo[a]flu...	19.974	2.5	ng	414450	5	21.239	3251550	20.0
Benzo[ghi]fluor...	20.956	2.8	ng	452459	5	21.239	3251550	20.0
Benzo[e]pyrene	22.950	5.3	ng	321838	6	23.445	1215370	20.0
Perylene	23.256	19.7	ng	1195670	6	23.445	1215370	20.0