LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039165.D
Acq On : 27 Mar 2023 18:01
Operator : CG/JU
Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WC01

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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039165.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	290	297	305	rBV	1854590	2513587	10.82%	0.885%
2	5.504	370	377	386	rBV	4313058	6170024	26.55%	2.173%
3	7.110	640	650	668	rBV	4135700	6465246	27.82%	2.277%
4	7.939	783	791	809	rBV	1064342	1756577	7.56%	0.619%
5	9.110	982	990	999	rBV	2466981	4000938	17.22%	1.409%
6	10.757	1261	1270	1275	rBV	1381440	2376220	10.23%	0.837%
7	13.210	1680	1687	1700	rVB	5734002	8134680	35.01%	2.865%
8	14.310	1867	1874	1888	rBV	1118280	1847233	7.95%	0.651%
9	14.586	1912	1921	1927	rBV	2023992	2939949	12.65%	1.036%
10	14.651	1927	1932	1939	rVB	237320	382311	1.65%	0.135%
11	14.980	1978	1988	1996	rBV	297777	497273	2.14%	0.175%
12	15.633	2093	2099	2110	rVB2	389201	729335	3.14%	0.257%
13	15.939	2143	2151	2161	rVB3	270887	695990	2.99%	0.245%
14	16.074	2164	2174	2182	rVV	4835552	6958512	29.94%	2.451%
15	16.309	2207	2214	2220	rVB3	170443	291913	1.26%	0.103%
16	16.639	2259	2270	2274	rBV4	133695	333472	1.44%	0.117%
17	16.986	2324	2329	2336	rVB	635442	911623	3.92%	0.321%
18	17.062	2337	2342	2348	rVV	138835	299472	1.29%	0.105%
19	17.151	2352	2357	2365	rVB	394724	601545	2.59%	0.212%
20	17.333	2382	2388	2391	rBV	2384517	3429498	14.76%	1.208%
21	17.374	2391	2395	2402	rVV	8671125	12264009	52.77%	4.320%
22	17.462	2402	2410	2415	rVV	2308398	3463811	14.91%	1.220%
23	17.515	2415	2419	2426	rVB3	216285	415894	1.79%	0.146%
24	17.733	2447	2456	2468	rBV2	1022224	2013691	8.67%	0.709%
25	17.851	2472	2476	2482	rVV2	237502	376728	1.62%	0.133%
26	17.915	2482	2487	2494	rVB4	273655	473134	2.04%	0.167%
27	18.227	2531	2540	2543	rBV2	2256056	4707979	20.26%	1.658%
28	18.256	2543	2545	2550	rVB	1873899	2211794	9.52%	0.779%
29	18.339	2555	2559	2564	rVV	597390	845958	3.64%	0.298%
30	18.403	2564	2570	2574	rVV2	1622047	3067104	13.20%	1.080%
31	18.439	2574	2576	2582	rVB	943635	1115341	4.80%	0.393%
32	18.515	2585	2589	2593	rBV3	191909	299190	1.29%	0.105%
33	18.651	2608	2612	2616	rBV3	392044	487306	2.10%	0.172%
34	18.709	2617	2622	2625	rVV	1027979	1353890	5.83%	0.477%
35	18.751	2625	2629	2635	rVB	1126227	1463881	6.30%	0.516%
36	18.956	2660	2664	2667	rVV3	230687	299560	1.29%	0.106%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.003	2668	2672	2675	rVV	271113	341564	1.47%	0.120%
38	19.039	2675	2678	2682	rVB	256258	329571	1.42%	0.116%
39	19.127	2688	2693	2698	rBV2	757184	1443940	6.21%	0.509%
40	19.215	2706	2708	2712	rVB	258187	275814	1.19%	0.097%
41	19.268	2712	2717	2724	rBV2	1451048	2068455	8.90%	0.729%
42	19.392	2732	2738	2744	rVB	16416245	23238457	100.00%	8.185%
43	19.450	2745	2748	2751	rBV	212576	247884	1.07%	0.087%
44	19.498	2751	2756	2760	rBV2	1066683	1806634	7.77%	0.636%
45	19.539	2760	2763	2767	rVB	861615	1046499	4.50%	0.369%
46	19.586	2767	2771	2773	rBV3	238184	310821	1.34%	0.109%
47	19.633	2776	2779	2782	rVB	339486	408434	1.76%	0.144%
48	19.721	2789	2794	2796	rBV2	2327527	3495788	15.04%	1.231%
49	19.756	2796	2800	2807	rVV	14056453	19057617	82.01%	6.713%
50	19.821	2807	2811	2816	rVV3	730823	999280	4.30%	0.352%
51	19.950	2825	2833	2837	rBV2	8840721	12264670	52.78%	4.320%
52	19.992	2837	2840	2847	rVB	1045155	1505872	6.48%	0.530%
53	20.068	2848	2853	2854	rBV2	985800	1284956	5.53%	0.453%
54	20.133	2861	2864	2871	rVB	326450	471904	2.03%	0.166%
55	20.209	2871	2877	2879	rBV4	877395	1596579	6.87%	0.562%
56	20.245	2880	2883	2888	rVB	1172775	1624266	6.99%	0.572%
57	20.345	2897	2900	2903	rBV2	331106	430601	1.85%	0.152%
58	20.403	2903	2910	2914	rVV2	1373296	2274159	9.79%	0.801%
59	20.445	2914	2917	2920	rVB2	286481	322495	1.39%	0.114%
60	20.486	2921	2924	2929	rBV3	230986	370225	1.59%	0.130%
61	20.544	2930	2934	2937	rBV	660898	831527	3.58%	0.293%
62	20.592	2937	2942	2945	rVV2	749186	1018239	4.38%	0.359%
63	20.803	2975	2978	2981	rBV2	368941	493860	2.13%	0.174%
64	20.992	3006	3010	3017	rBV	2828396	3543739	15.25%	1.248%
65	21.156	3032	3038	3042	rBV2	1502178	3077496	13.24%	1.084%
66	21.197	3042	3045	3049	rBV3	1325037	2335739	10.05%	0.823%
67	21.292	3056	3061	3071	rVB	2715232	3811275	16.40%	1.342%
68	21.503	3088	3097	3102	rBV3	11179692	20524916	88.32%	7.229%
69	21.556	3102	3106	3115	rVB	8310953	11720777	50.44%	4.128%
70	21.674	3123	3126	3132	rBV2	562521	928191	3.99%	0.327%
71	21.727	3132	3135	3140	rBV2	797684	1084574	4.67%	0.382%
72	21.844	3150	3155	3160	rBV2	1329448	2188808	9.42%	0.771%
73	22.097	3194	3198	3202	rVB	1191755	1707861	7.35%	0.602%
74	22.150	3204	3207	3213	rVB	902339	1263665	5.44%	0.445%
75	22.309	3231	3234	3237	rBV3	473769	589777	2.54%	0.208%
76	22.909	3333	3336	3350	rVB3	777398	2136931	9.20%	0.753%

LSC Area Percent Report

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ALS Vial : 11 Sample Multiplier: 1

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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.209	3379	3387	3392	rBV2	6592157	17595028	75.72%	6.197%
78	23.391	3413	3418	3424	rVB	1361559	2383028	10.25%	0.839%
79	23.733	3470	3476	3485	rVB	3925340	8059353	34.68%	2.839%
80	23.838	3487	3494	3502	rVB	5750575	11107847	47.80%	3.912%
81	23.944	3506	3512	3516	rVV	2064671	4389533	18.89%	1.546%
82	23.997	3517	3521	3530	rVB2	1704749	3556917	15.31%	1.253%
83	26.468	3932	3941	3952	rVB	3020453	9232769	39.73%	3.252%
84	27.244	4066	4073	4091	rVB	2101177	6916274	29.76%	2.436%

Sum of corrected areas: 283909277

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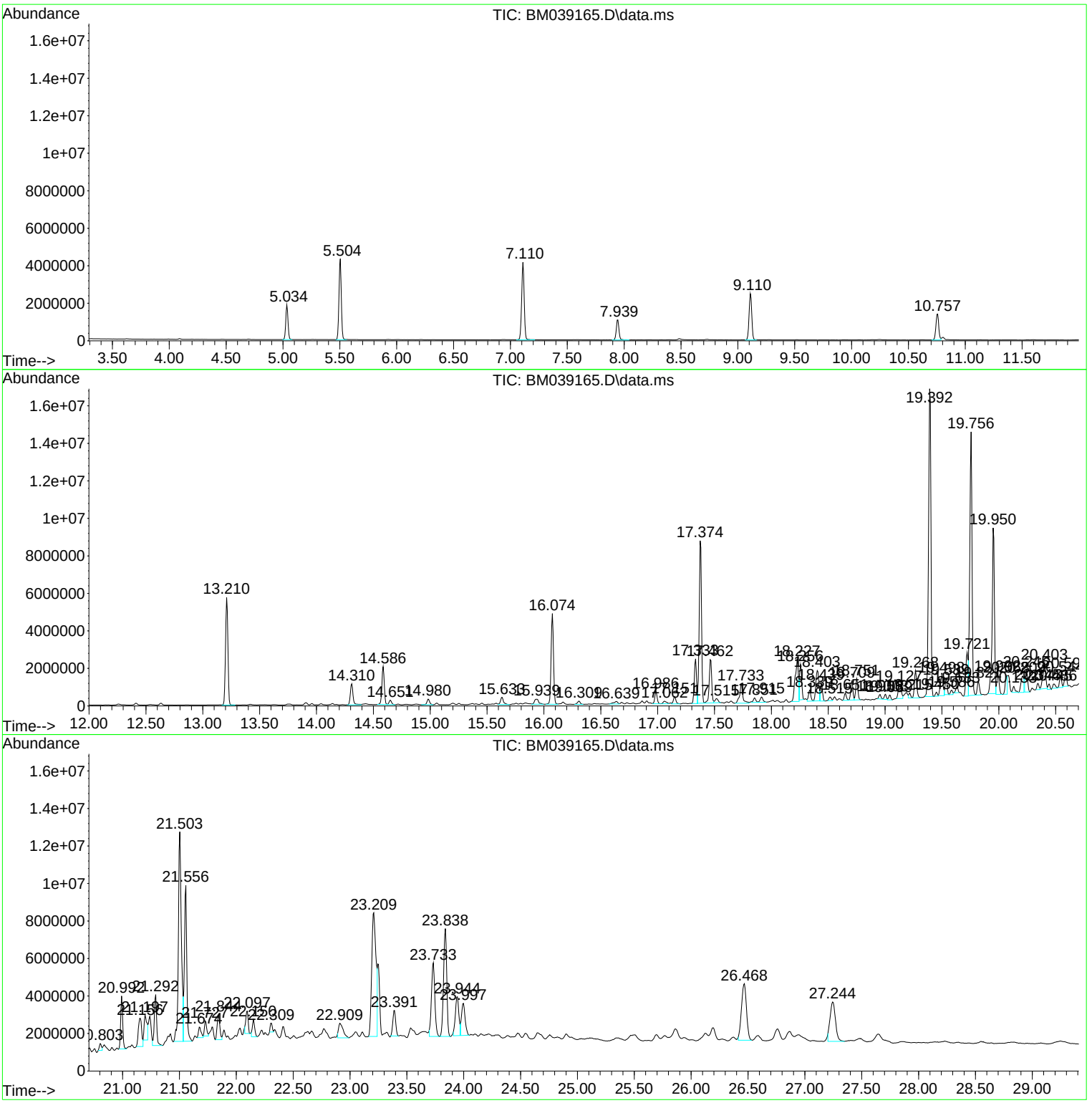
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039165.D
Acq On : 27 Mar 2023 18:01
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
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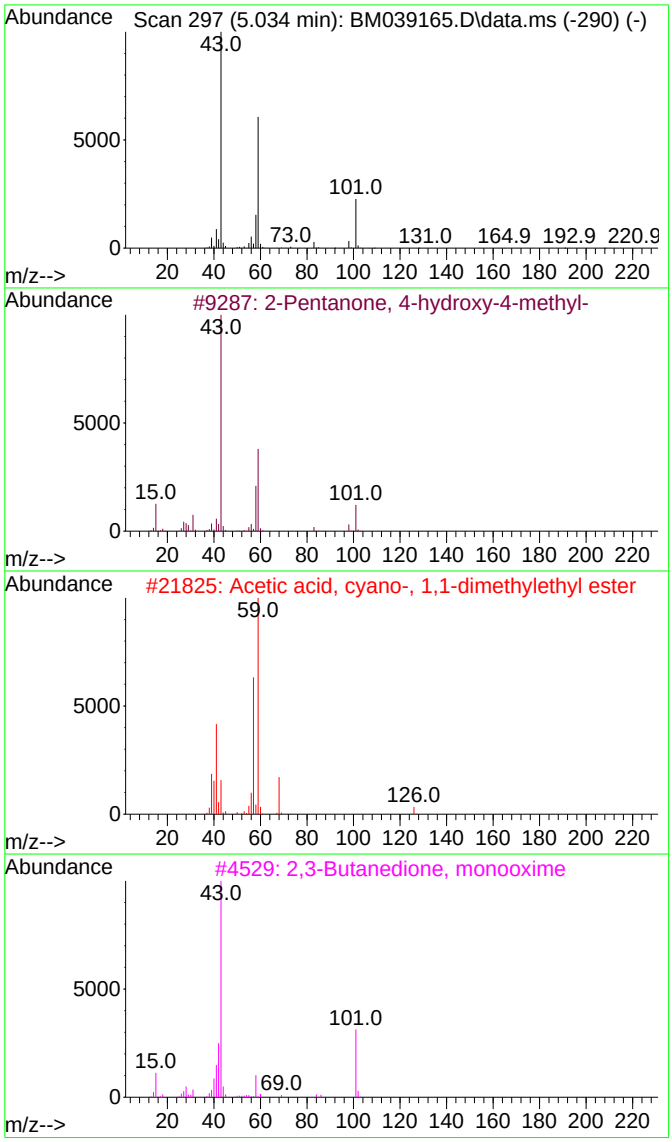
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

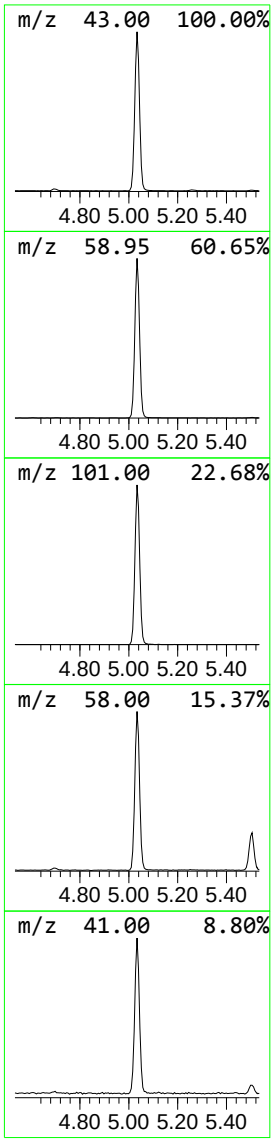
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	28.62 ng	2513590	1,4-Dichlorobenzene-d4	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Data File : BM039165.D
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Operator : CG/JU
Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

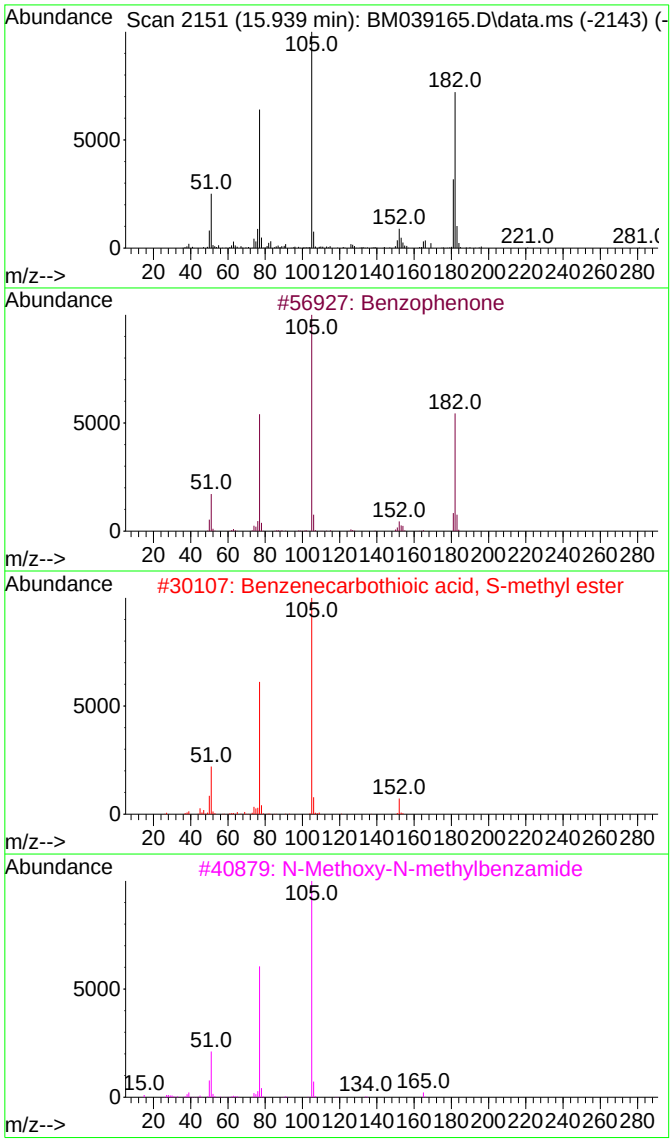
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

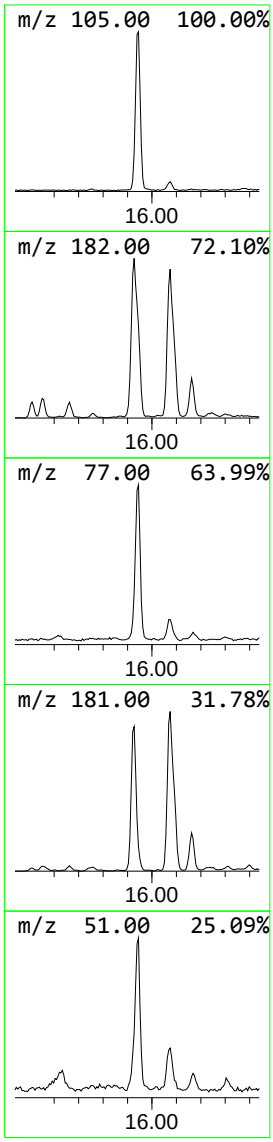
****

Peak Number 2 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.939	4.73 ng	695990	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	41
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	38
4	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	38
5	Methyl benzilate	242	C15H14O3	000076-89-1	38





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

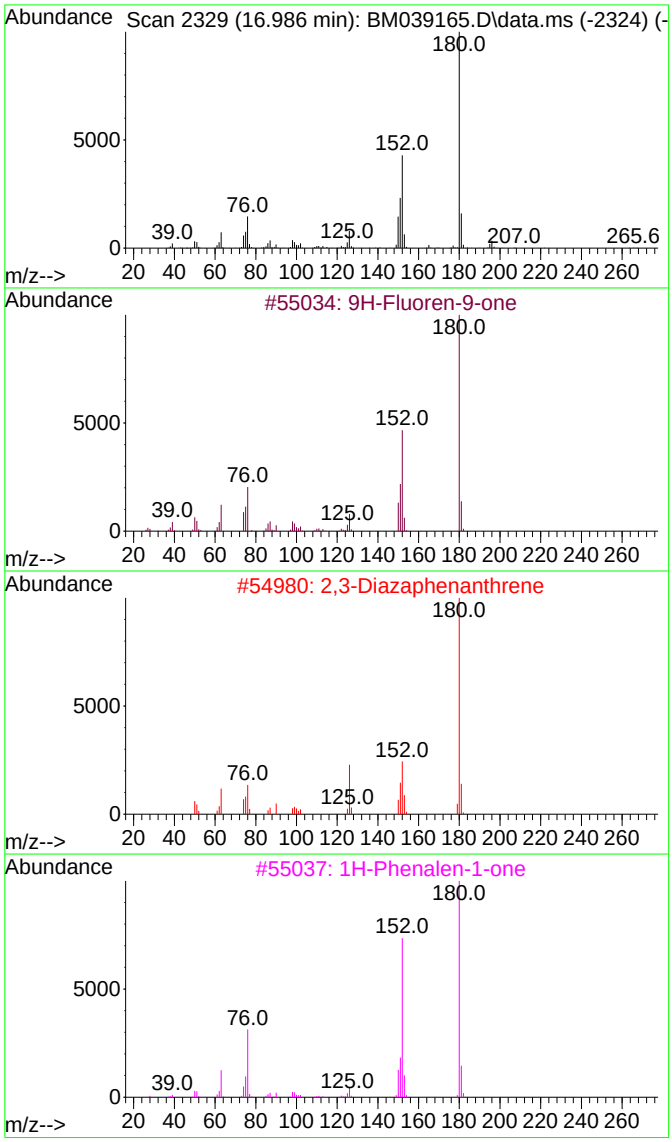
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

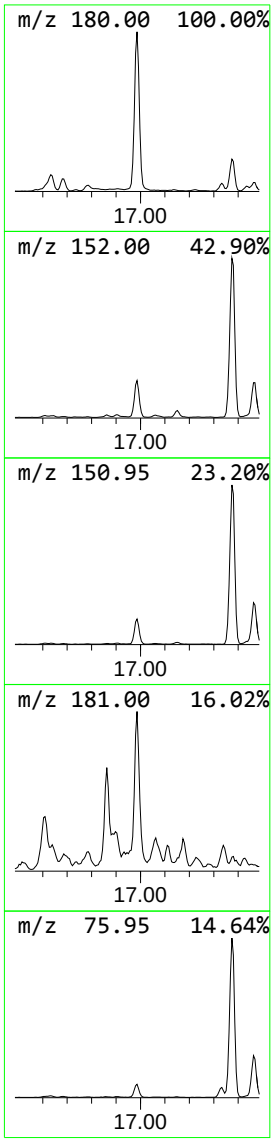
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	5.32 ng	911623	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	64
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	62
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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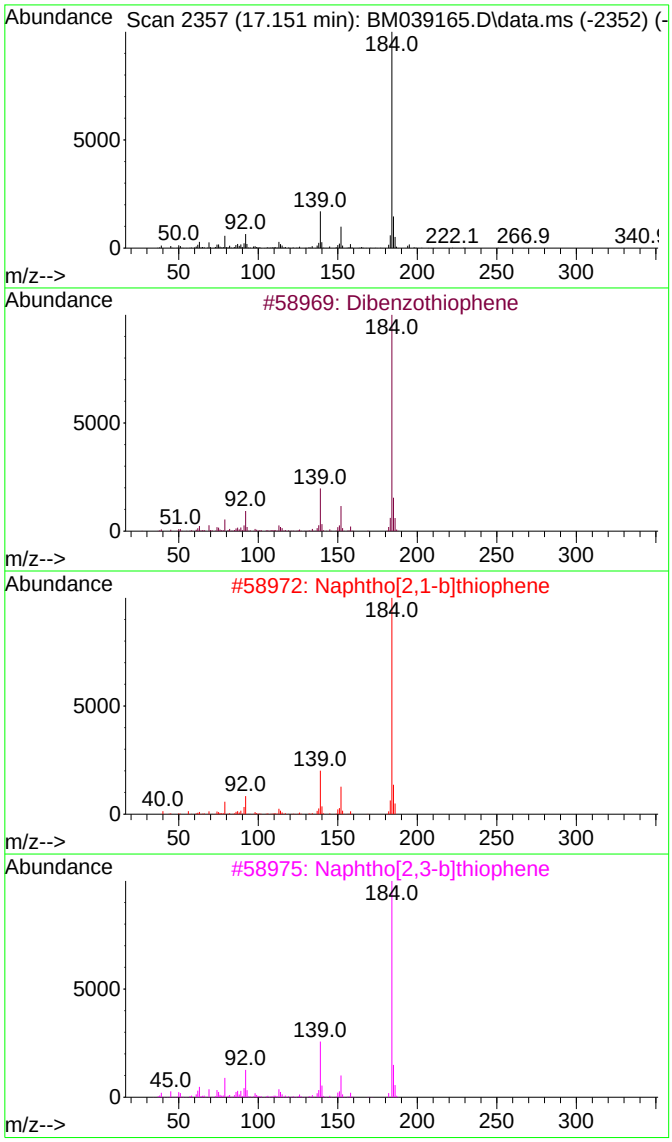
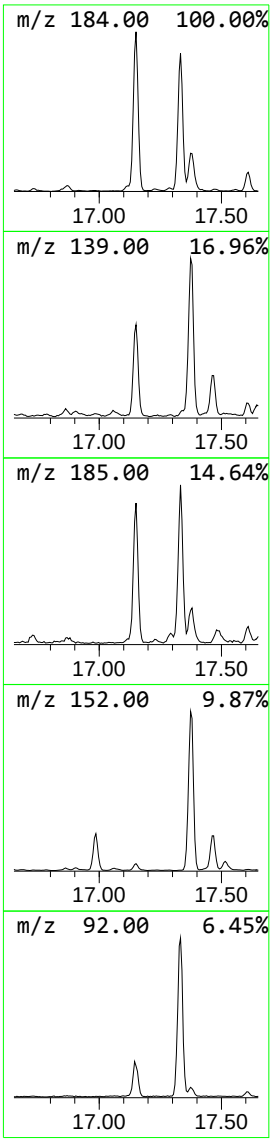
Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	3.51 ng	601545	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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ALS Vial : 11 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

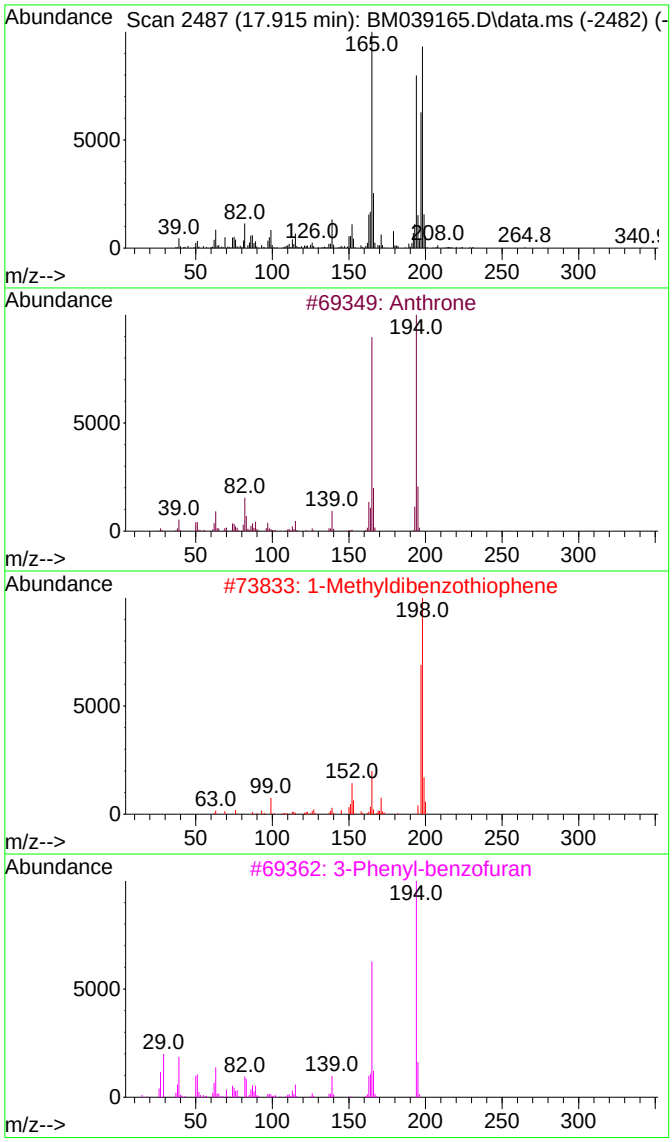
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

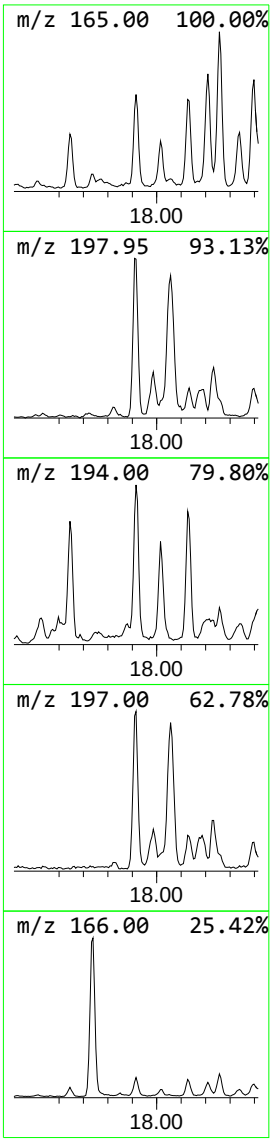
****

Peak Number 5 Anthrone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.915	2.76 ng	473134	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	83
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
3	3-Phenyl-benzofuran	194	C14H10O	029909-72-6	64
4	1-Phenanthrenol	194	C14H10O	002433-56-9	55
5	Phenanthrene, 1,2,3,3a-tetrahydr...	194	C15H14	091077-10-0	50





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Data File : BM039165.D
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Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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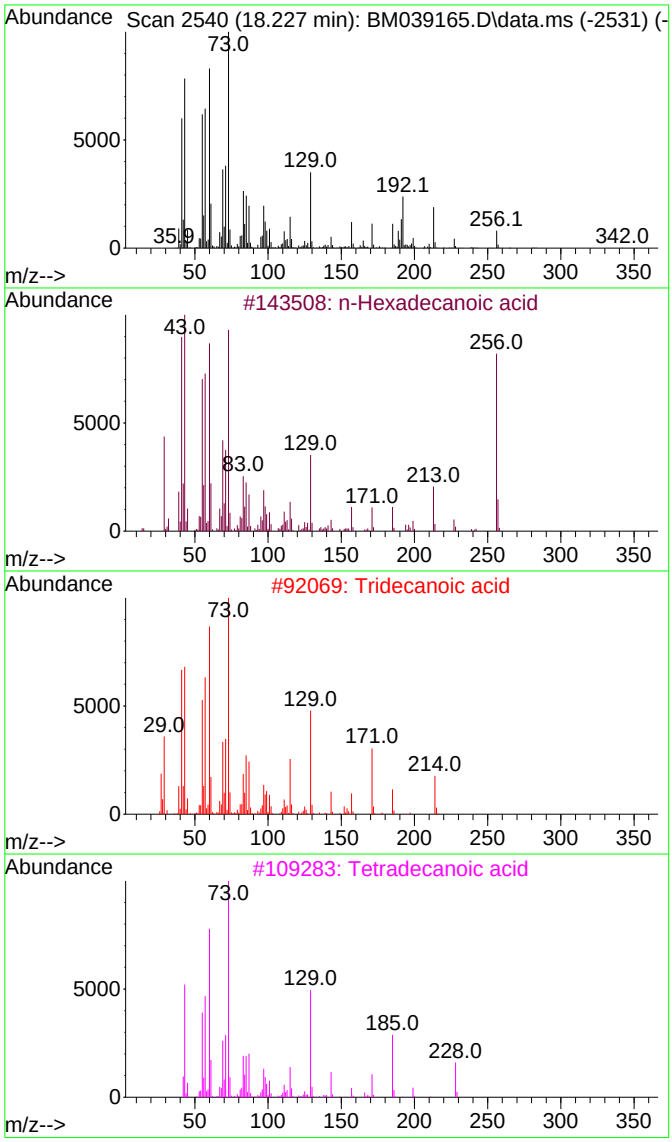
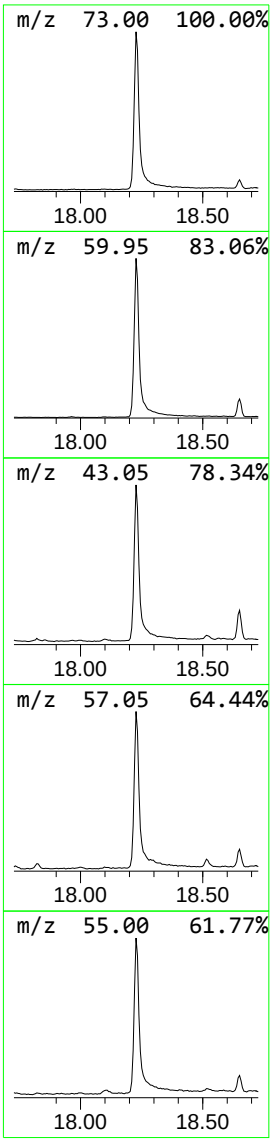
Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	27.46 ng	4707980	Phenanthrene-d10	17.333

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55





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Operator : CG/JU
Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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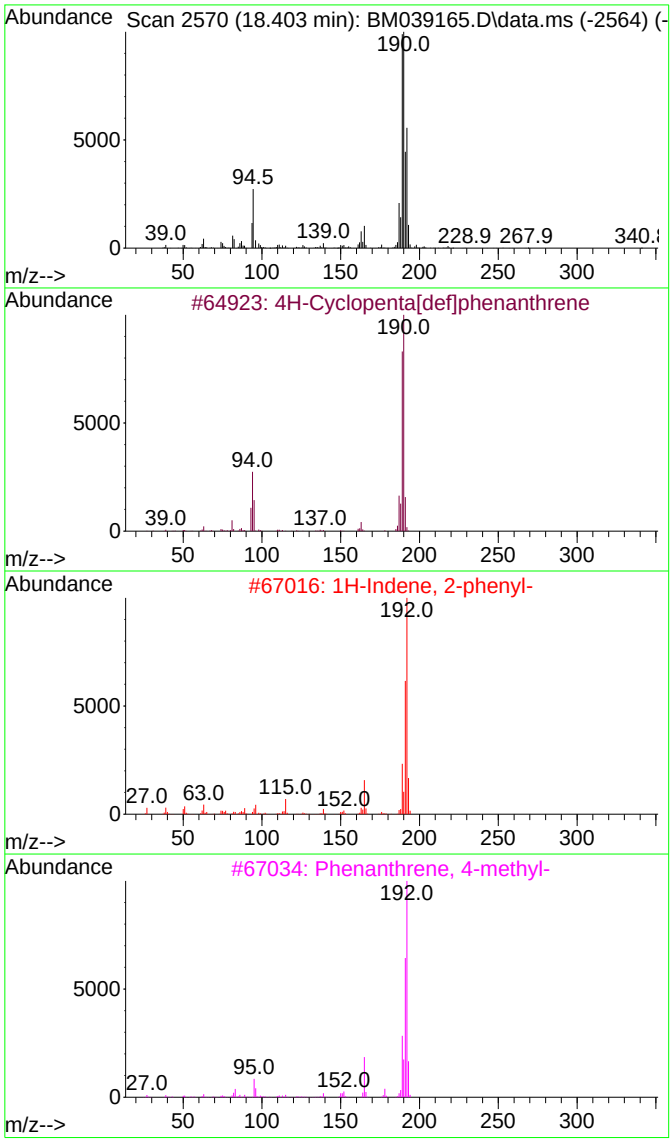
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

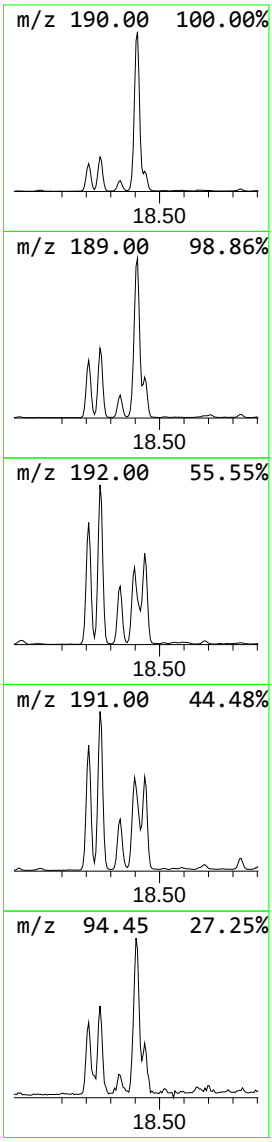
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	17.89 ng	3067100	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	20





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Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

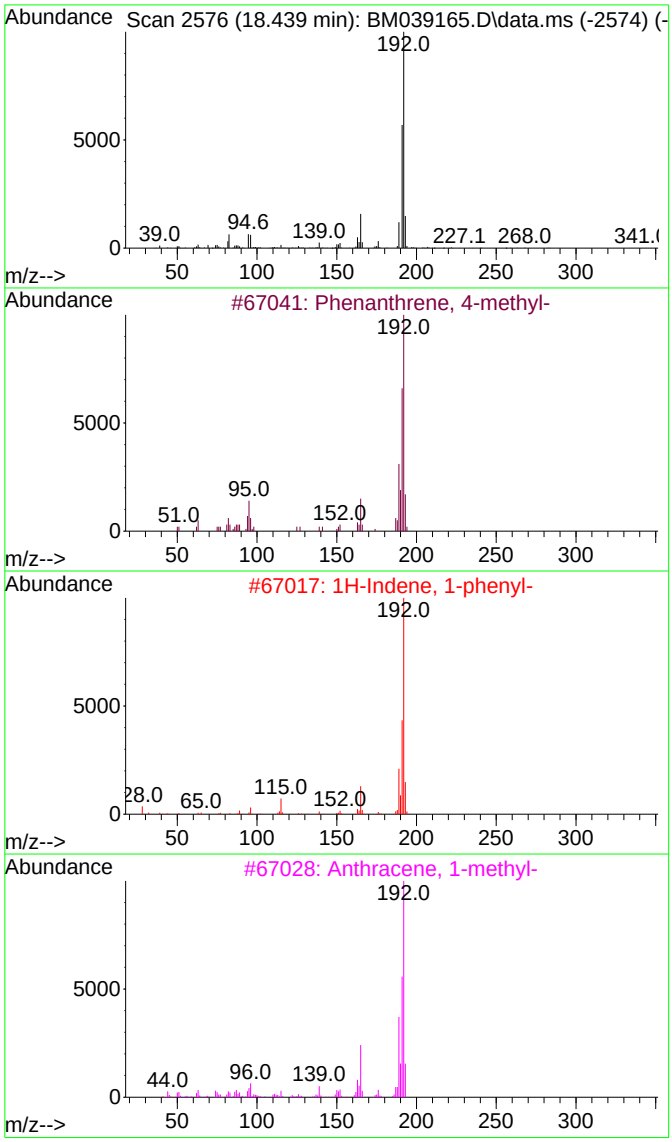
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

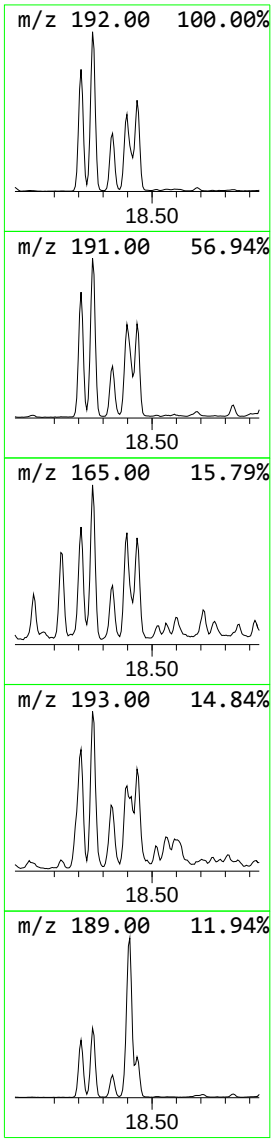
****

Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.439	6.50 ng	1115340	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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ALS Vial : 11 Sample Multiplier: 1

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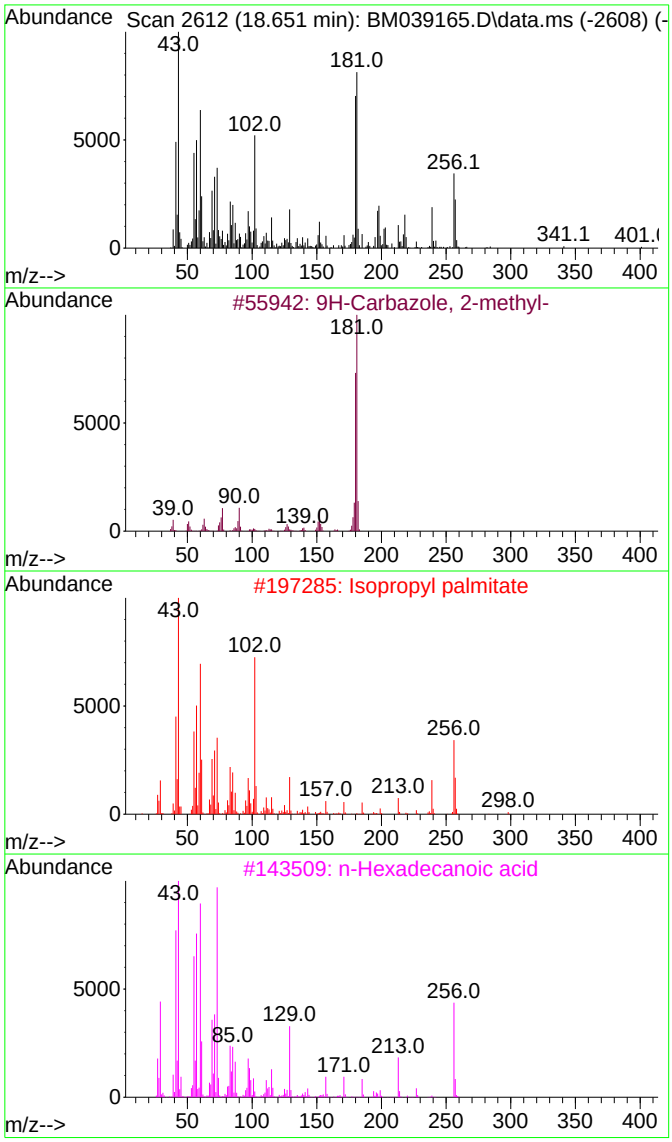
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

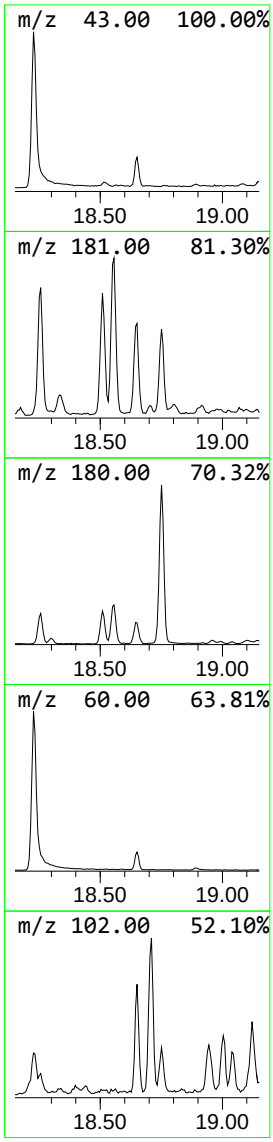
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Carbazole, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	2.84 ng	487306	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	51
2	Isopropyl palmitate	298	C19H38O2	000142-91-6	50
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	47
5	3-Methylcarbazole	181	C13H11N	004630-20-0	38





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Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC01

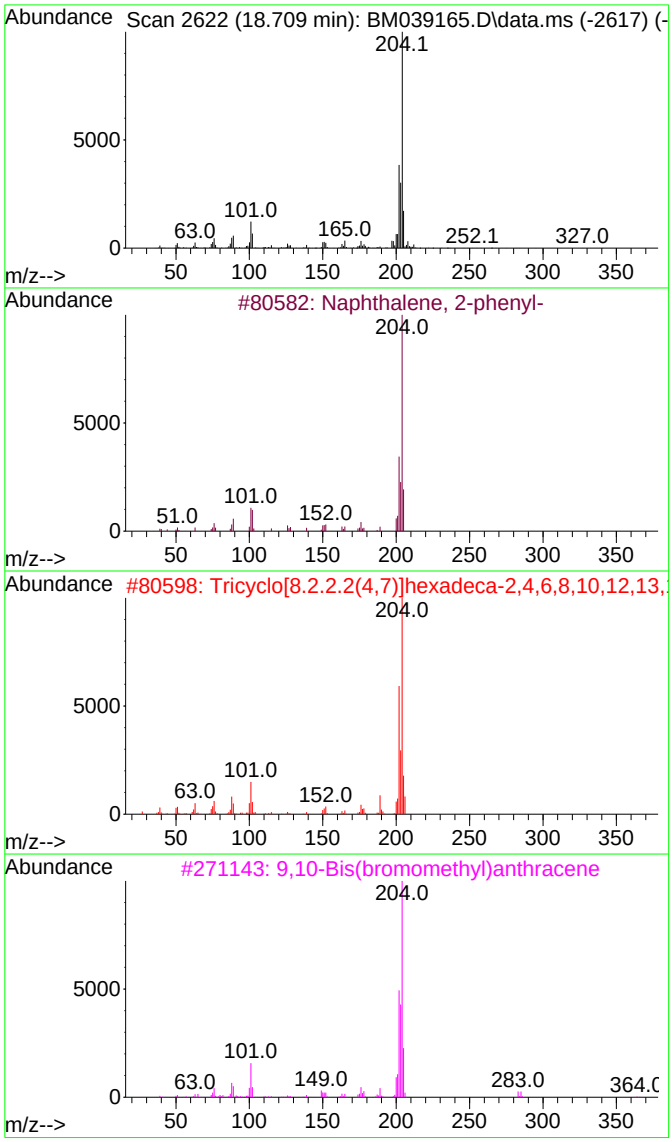
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

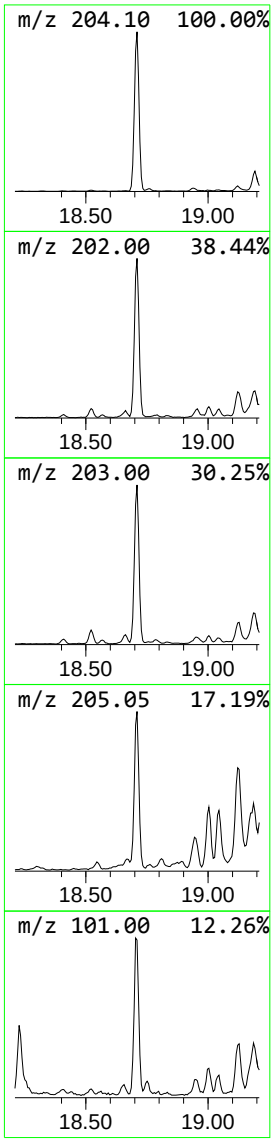
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.709	7.90 ng	1353890	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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ALS Vial : 11 Sample Multiplier: 1

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

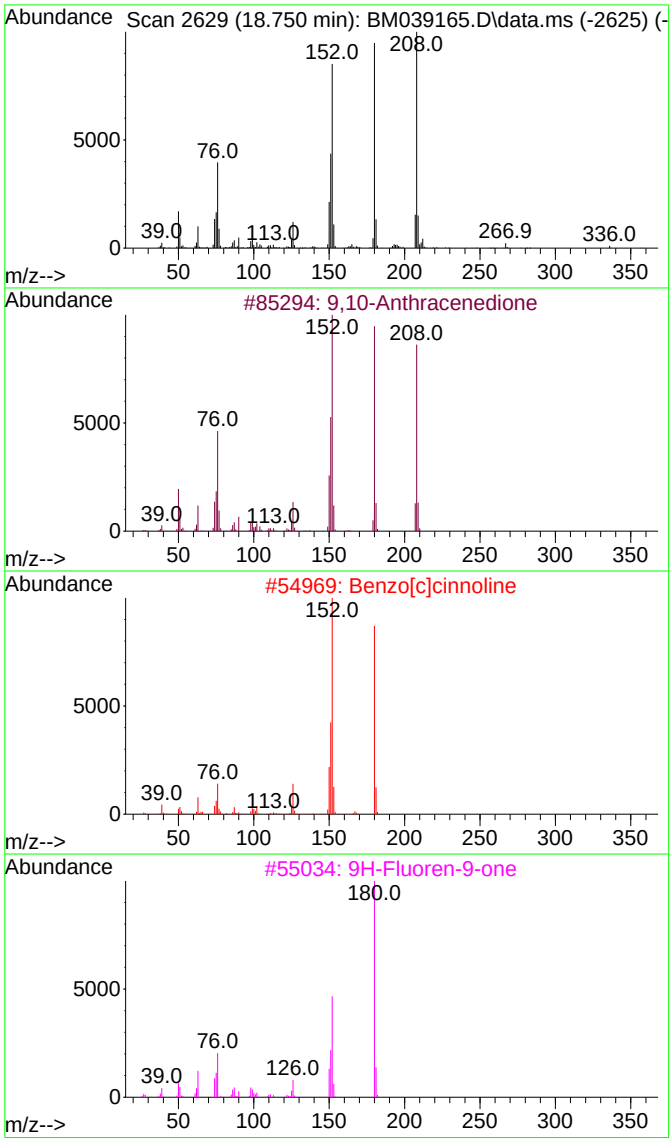
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

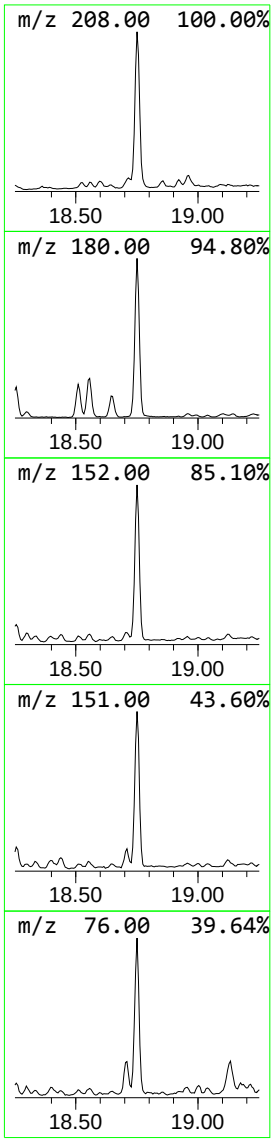
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.750	8.54 ng	1463880	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	55





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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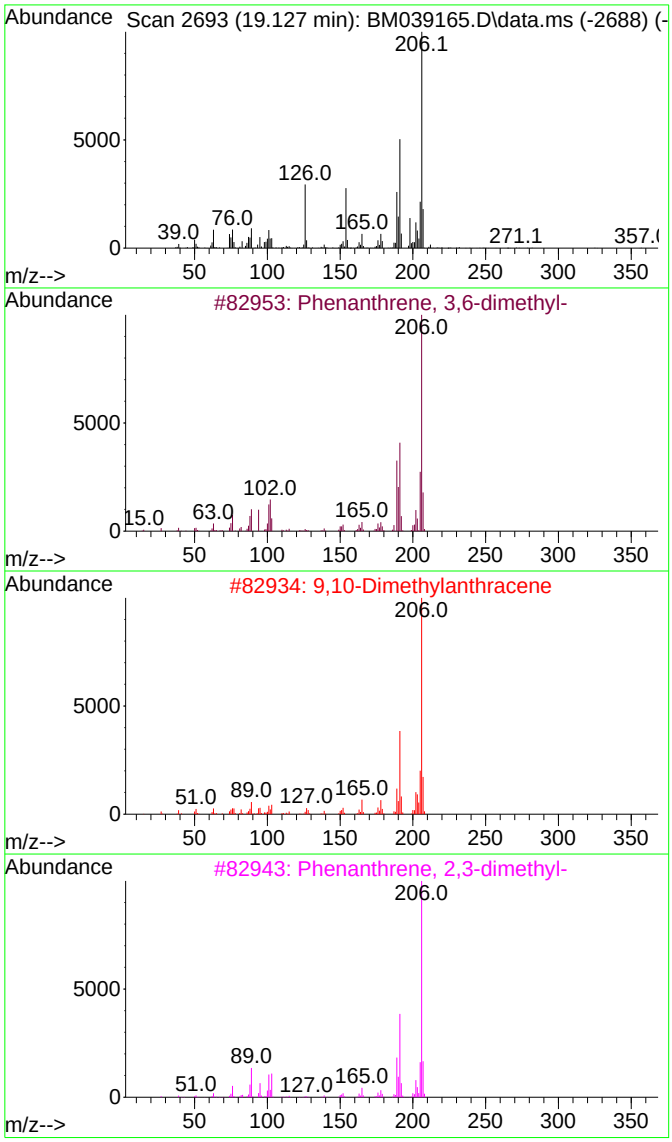
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

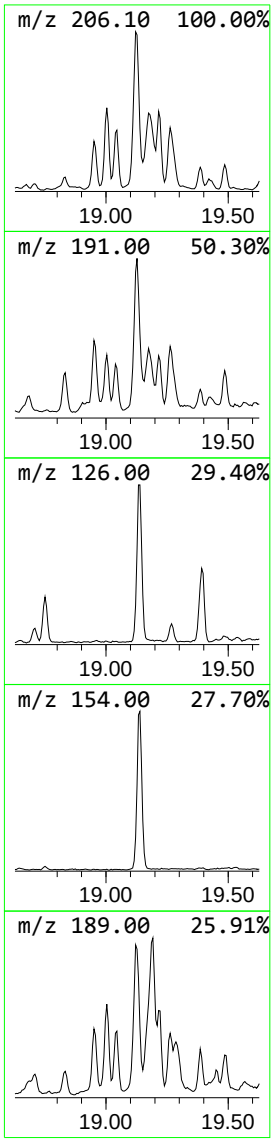
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	8.42 ng	1443940	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78





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Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC01

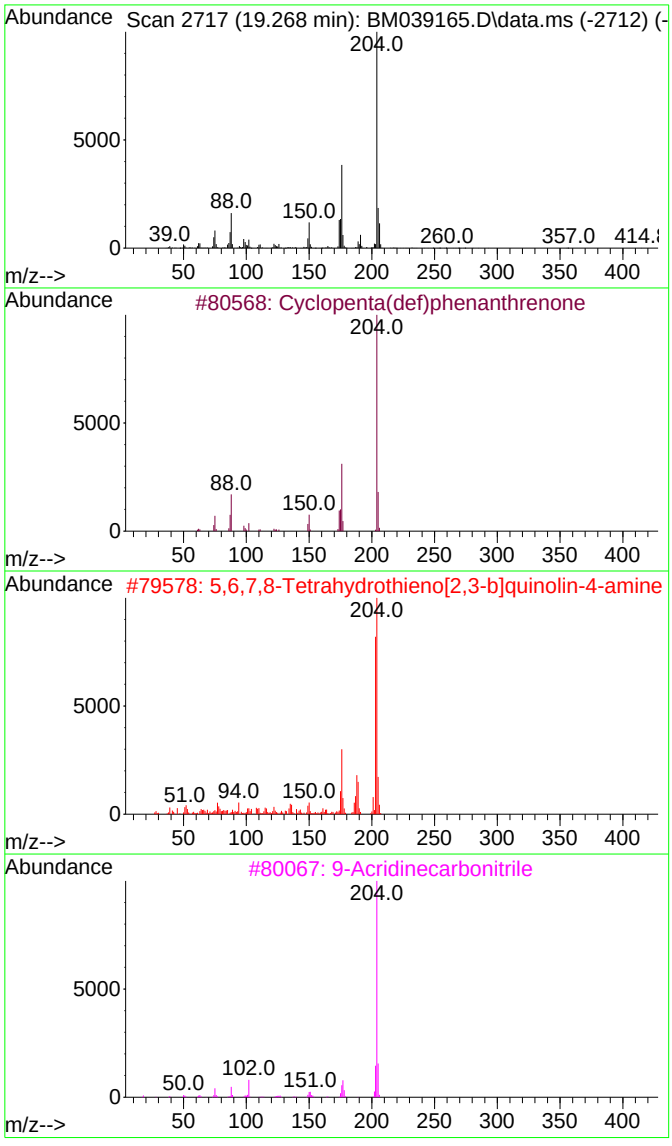
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

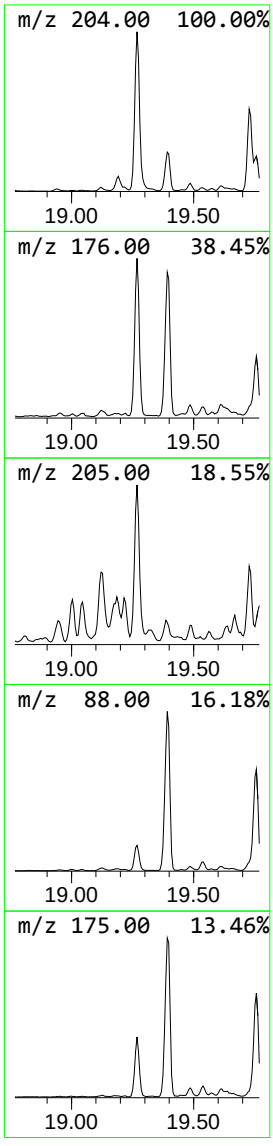
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.268	12.06 ng	2068460	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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

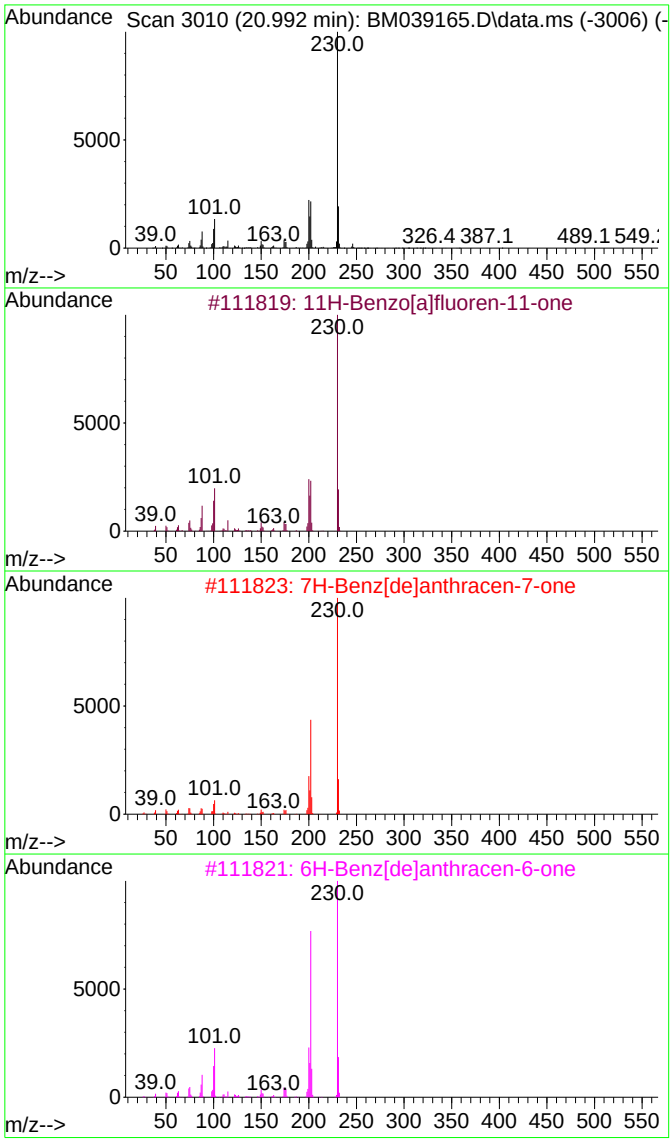
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

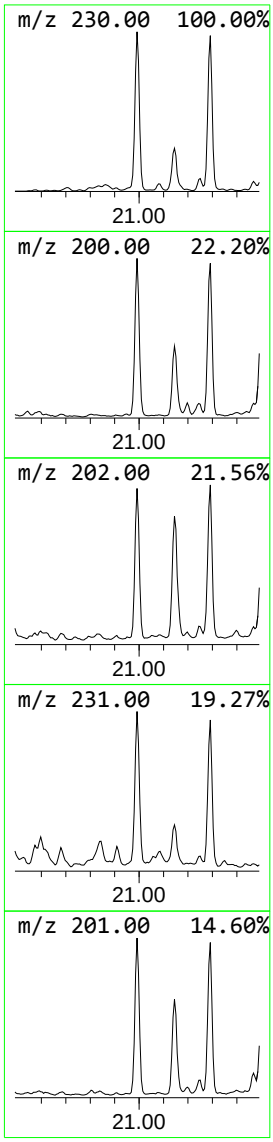
****

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.991	3.45 ng	3543740	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	78
5	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	64





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

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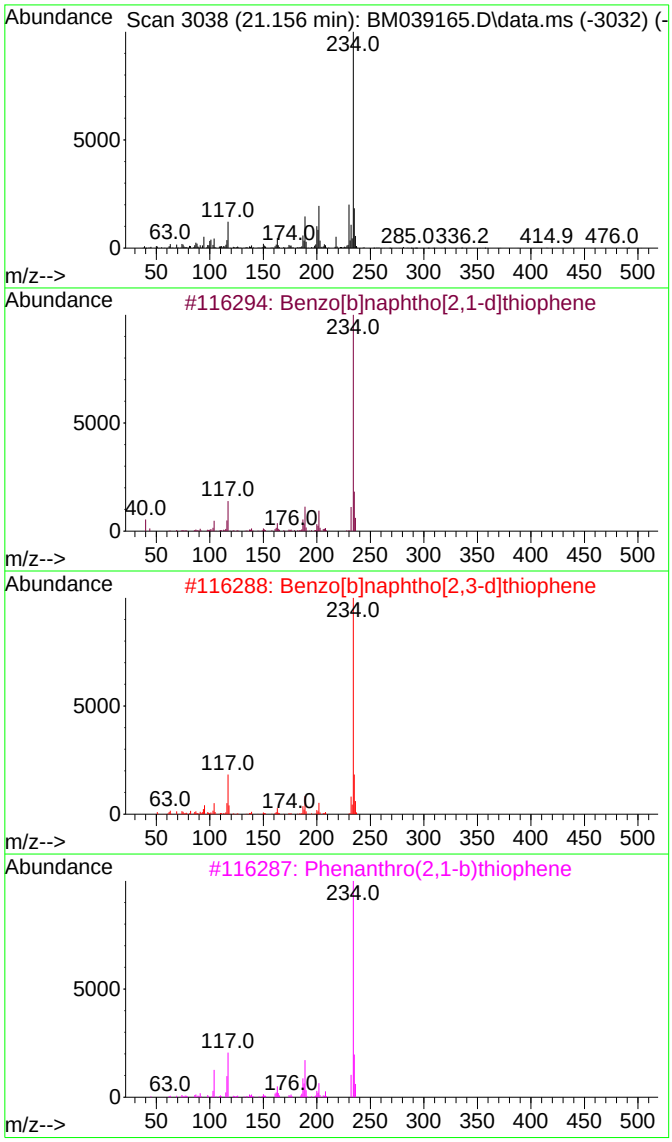
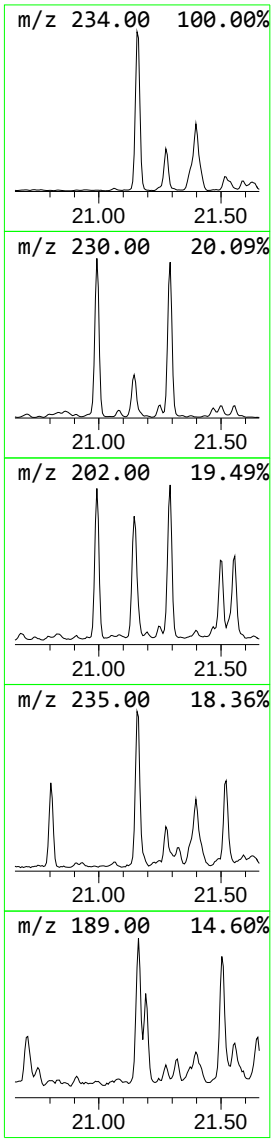
****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.156	3.00 ng	3077500	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	89
3	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	52
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	50
5	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	45





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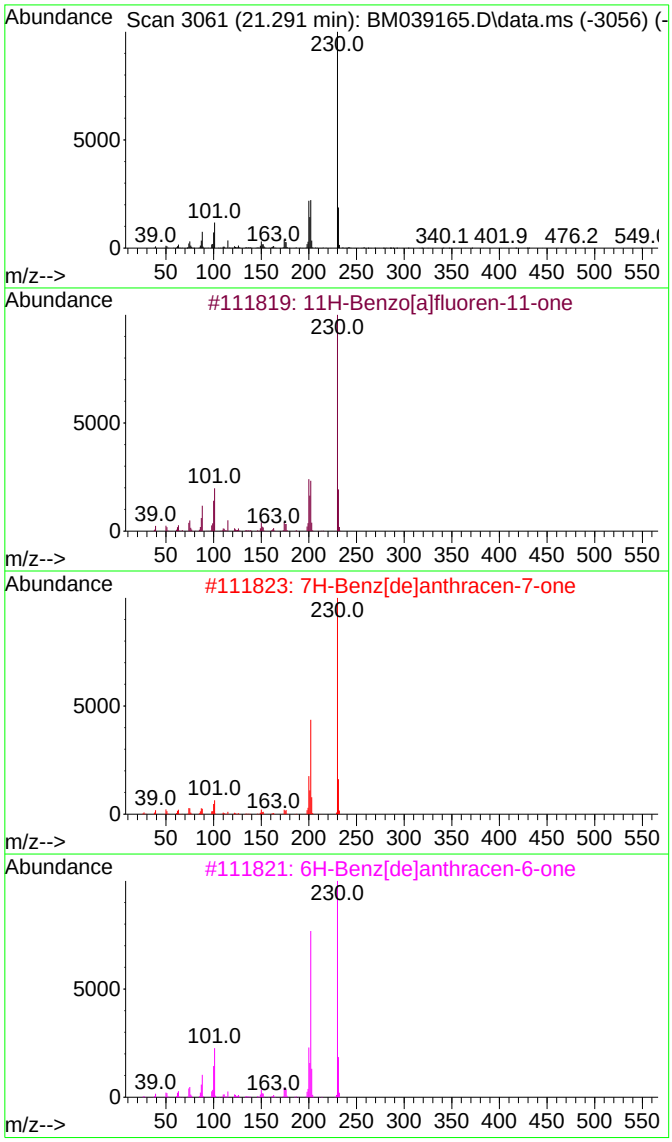
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

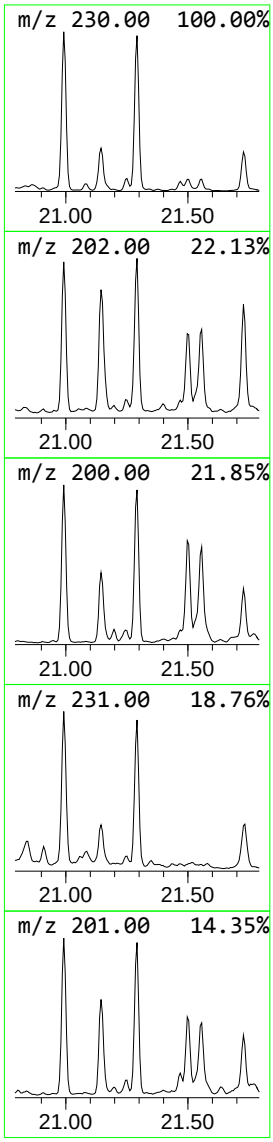
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.291	3.71 ng	3811280	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59
4	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59
5	o-Terphenyl	230	C18H14	000084-15-1	58





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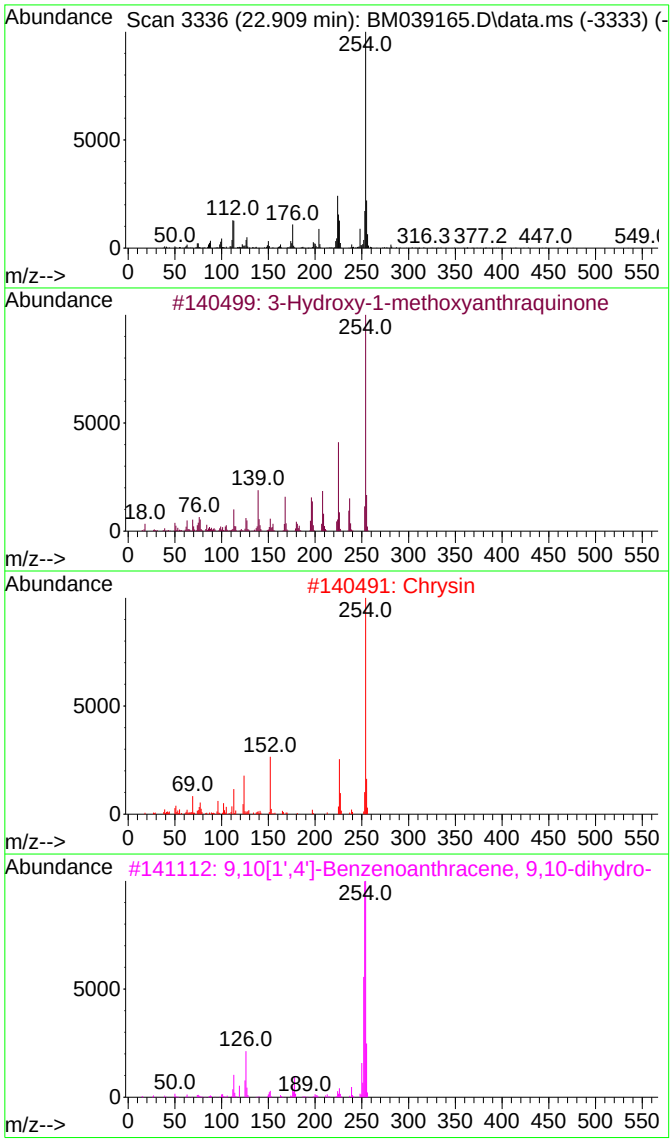
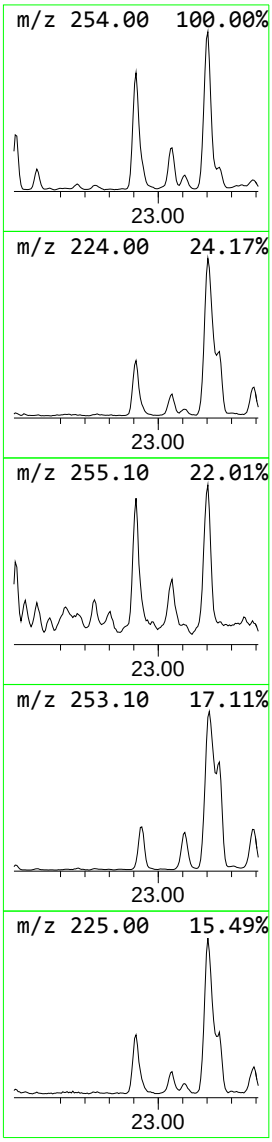
****
Peak Number 17 3-Hydroxy-1-methoxyanthraqu... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.909	9.74 ng	2136930	Perylene-d12	23.944

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	64
2	Chrysin	254	C15H10O4	000480-40-0	53
3	9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	53
4	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	52
5	(3Z)-1,7,7-trimethyl-3-(4-Methyl...	254	C18H22O	1000514-88-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039165.D
Acq On : 27 Mar 2023 18:01
Operator : CG/JU
Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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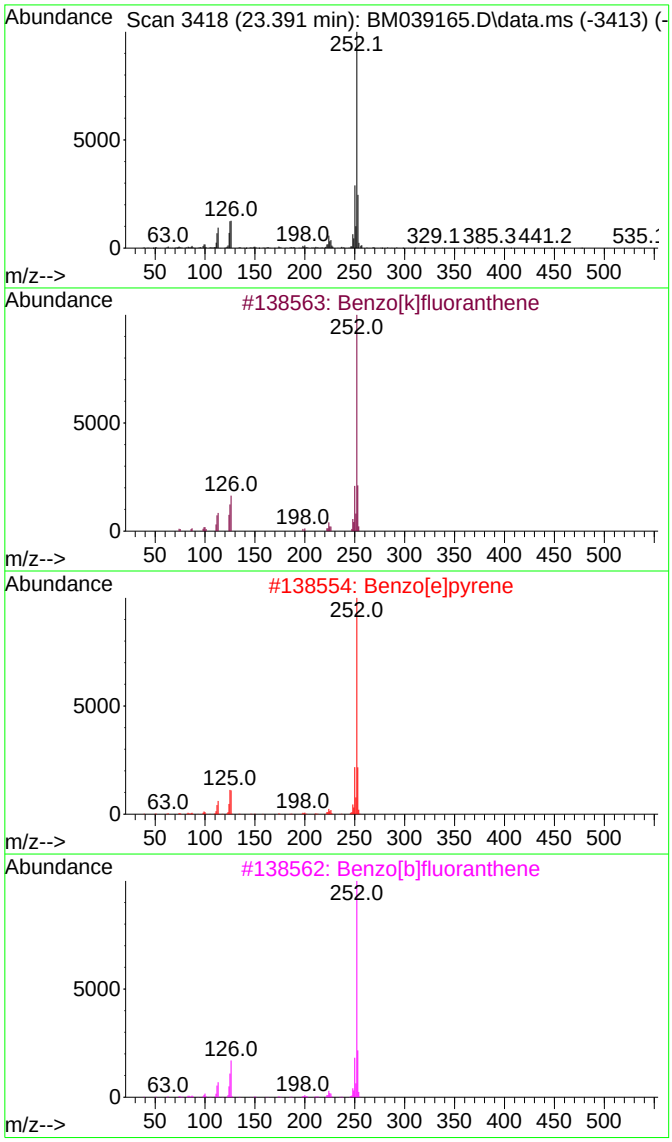
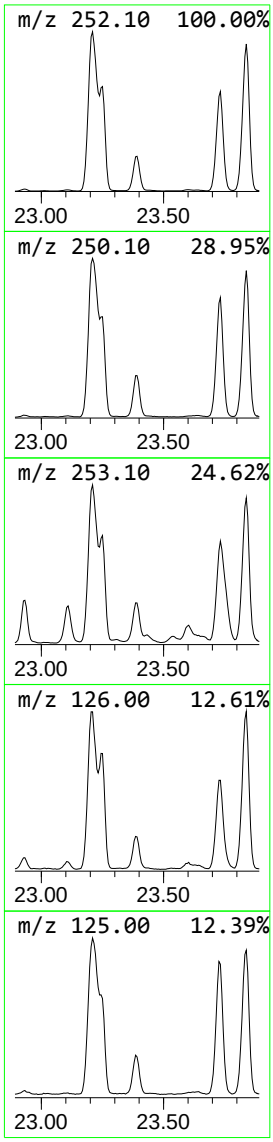
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.391	10.86 ng	2383030	Perylene-d12	23.944

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	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039165.D
Acq On : 27 Mar 2023 18:01
Operator : CG/JU
Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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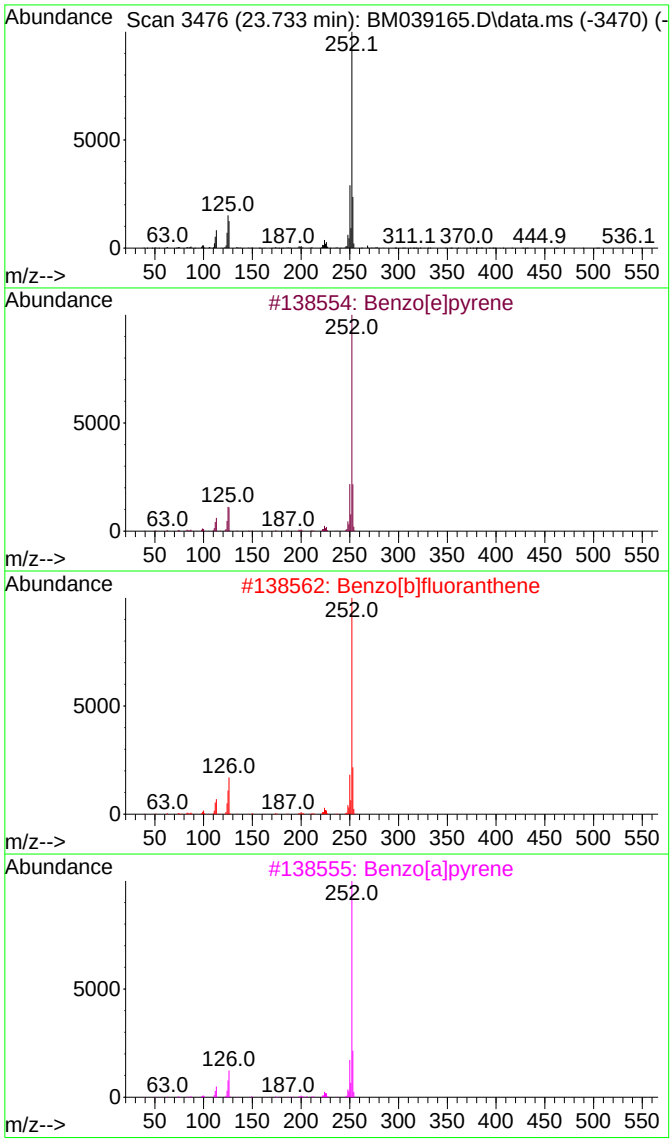
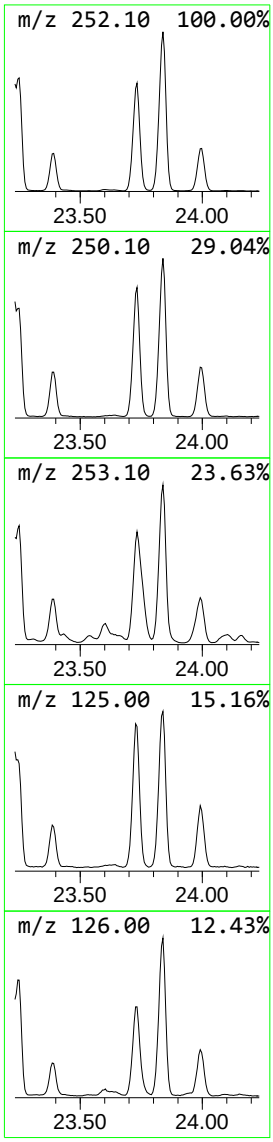
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.733	36.72 ng	8059350	Perylene-d12	23.944

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039165.D
Acq On : 27 Mar 2023 18:01
Operator : CG/JU
Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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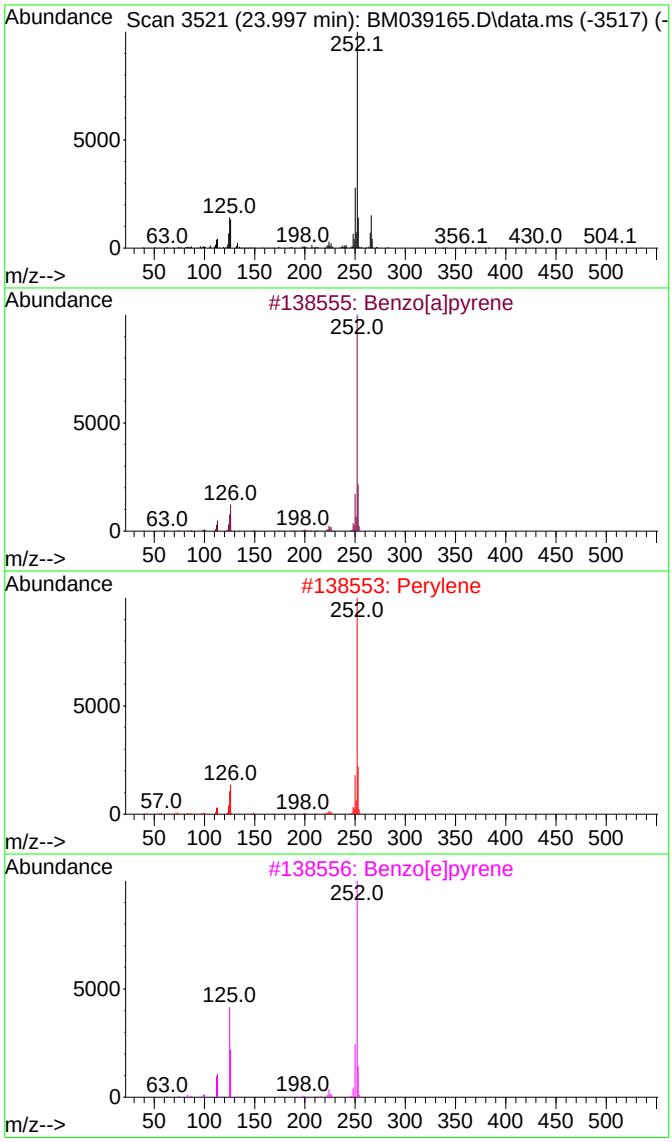
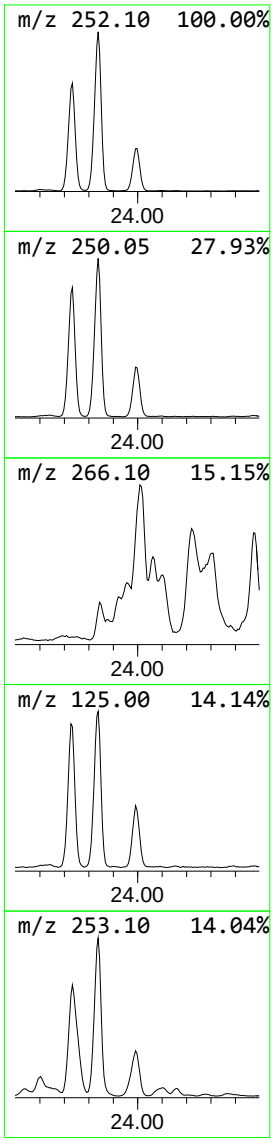
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.997	16.21 ng	3556920	Perylene-d12	23.944

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	86
2	Perylene	252	C20H12	000198-55-0	86
3	Benzo[e]pyrene	252	C20H12	000192-97-2	70
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	70
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039165.D
Acq On : 27 Mar 2023 18:01
Operator : CG/JU
Sample : 02107-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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
2-Pentanone, 4-...	5.034	28.6	ng	2513590	1	7.945	1756580	20.0
Benzophenone	15.939	4.7	ng	695990	3	14.586	2939950	20.0
9H-Fluoren-9-one	16.986	5.3	ng	911623	4	17.333	3429500	20.0
Dibenzothiophene	17.151	3.5	ng	601545	4	17.333	3429500	20.0
Anthrone	17.915	2.8	ng	473134	4	17.333	3429500	20.0
n-Hexadecanoic ...	18.227	27.5	ng	4707980	4	17.333	3429500	20.0
4H-Cyclopenta[d...	18.404	17.9	ng	3067100	4	17.333	3429500	20.0
Phenanthrene, 4...	18.439	6.5	ng	1115340	4	17.333	3429500	20.0
9H-Carbazole, 2...	18.651	2.8	ng	487306	4	17.333	3429500	20.0
Naphthalene, 2-...	18.709	7.9	ng	1353890	4	17.333	3429500	20.0
9,10-Anthracene...	18.750	8.5	ng	1463880	4	17.333	3429500	20.0
Phenanthrene, 3...	19.127	8.4	ng	1443940	4	17.333	3429500	20.0
Cyclopenta(def)...	19.268	12.1	ng	2068460	4	17.333	3429500	20.0
11H-Benzo[a]flu...	20.991	3.5	ng	3543740	5	21.515	20524900	20.0
Benzo[b]naphtho...	21.156	3.0	ng	3077500	5	21.515	20524900	20.0
7H-Benz[de]anth...	21.291	3.7	ng	3811280	5	21.515	20524900	20.0
3-Hydroxy-1-met...	22.909	9.7	ng	2136930	6	23.944	4389530	20.0
Benzo[e]pyrene	23.391	10.9	ng	2383030	6	23.944	4389530	20.0
Perylene	23.733	36.7	ng	8059350	6	23.944	4389530	20.0
Benzo[j]fluoran...	23.997	16.2	ng	3556920	6	23.944	4389530	20.0