

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029666.D
 Acq On : 27 Apr 2021 01:03
 Operator : CG/JU
 Sample : M2176-09 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-2

Integration Parameters: rteint.p

Integrator: RTE

Smoother: 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-BM042121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029666.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.216	390	396	413	rBV	476498	710948	21.64%	2.333%
2	6.798	657	665	676	rBV	450499	742073	22.58%	2.435%
3	7.616	796	804	813	rBV	373241	600449	18.27%	1.971%
4	8.775	994	1001	1010	rBV	262252	458716	13.96%	1.505%
5	10.398	1270	1277	1283	rBV	482361	797416	24.27%	2.617%
6	10.445	1283	1285	1293	rVB2	23946	36204	1.10%	0.119%
7	12.880	1692	1699	1708	rBV	809706	1204266	36.65%	3.952%
8	13.586	1813	1819	1823	rBV3	19312	34006	1.03%	0.112%
9	13.727	1838	1843	1853	rVB2	29589	48846	1.49%	0.160%
10	13.986	1881	1887	1895	rBV	106984	182895	5.57%	0.600%
11	14.116	1902	1909	1916	rBV3	17482	44435	1.35%	0.146%
12	14.268	1926	1935	1941	rBV	773370	1178986	35.88%	3.869%
13	14.327	1941	1945	1954	rVB	41999	73603	2.24%	0.242%
14	14.668	1996	2003	2010	rBV2	40167	64417	1.96%	0.211%
15	14.886	2034	2040	2046	rBV4	13981	33287	1.01%	0.109%
16	15.315	2108	2113	2126	rVB	71113	118920	3.62%	0.390%
17	15.757	2180	2188	2197	rBV	683099	1010073	30.74%	3.315%
18	15.992	2223	2228	2238	rBV6	30778	59333	1.81%	0.195%
19	16.321	2276	2284	2289	rBV4	28028	54582	1.66%	0.179%
20	16.668	2340	2343	2351	rVB4	24018	38874	1.18%	0.128%
21	16.757	2352	2358	2361	rBV4	20329	41562	1.26%	0.136%
22	16.833	2367	2371	2379	rVB	41899	76657	2.33%	0.252%
23	17.009	2395	2401	2405	rBV	950434	1386186	42.19%	4.549%
24	17.057	2405	2409	2416	rVV	648262	933269	28.40%	3.063%
25	17.145	2419	2424	2430	rVV	256520	373176	11.36%	1.225%
26	17.204	2430	2434	2440	rVB3	29130	48663	1.48%	0.160%
27	17.415	2467	2470	2475	rBV	29652	42976	1.31%	0.141%
28	17.586	2496	2499	2504	rBV3	22271	34996	1.07%	0.115%
29	17.886	2545	2550	2553	rBV	109790	159459	4.85%	0.523%
30	17.933	2553	2558	2566	rVV2	170306	335252	10.20%	1.100%
31	18.015	2568	2572	2576	rVV	75895	113393	3.45%	0.372%
32	18.080	2577	2583	2587	rVV3	200165	372142	11.33%	1.221%
33	18.115	2587	2589	2596	rVB	86464	112306	3.42%	0.369%
34	18.392	2632	2636	2639	rBV	75794	100006	3.04%	0.328%
35	18.433	2639	2643	2648	rVB3	39607	55142	1.68%	0.181%
36	18.639	2675	2678	2682	rVB2	34186	40151	1.22%	0.132%

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Instrument :
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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

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37	18.809	2703	2707	2711	rBV	82219	129899	3.95%	0.426%
38	18.950	2727	2731	2740	rVB2	76507	124921	3.80%	0.410%
39	19.074	2746	2752	2759	rBV	1679688	2106068	64.10%	6.912%
40	19.174	2766	2769	2771	rBV2	28802	35678	1.09%	0.117%
41	19.221	2772	2777	2781	rVB	77425	134642	4.10%	0.442%
42	19.433	2804	2813	2822	rBV	1394644	2292667	69.77%	7.524%
43	19.509	2823	2826	2833	rVB2	67697	112880	3.44%	0.370%
44	19.645	2841	2849	2853	rBV	1480745	1865035	56.76%	6.121%
45	19.756	2865	2868	2876	rVB3	84529	176807	5.38%	0.580%
46	19.897	2889	2892	2893	rBV3	63738	72824	2.22%	0.239%
47	19.933	2895	2898	2902	rVB	238632	291486	8.87%	0.957%
48	20.033	2911	2915	2919	rBV	176816	229218	6.98%	0.752%
49	20.092	2921	2925	2929	rVB2	142694	212906	6.48%	0.699%
50	20.233	2946	2949	2952	rBV	66681	77627	2.36%	0.255%
51	20.880	3057	3059	3062	rBV	108209	107491	3.27%	0.353%
52	20.921	3063	3066	3071	rVB2	229631	306105	9.32%	1.005%
53	21.192	3106	3112	3116	rBV2	1726573	3285805	100.00%	10.784%
54	21.233	3116	3119	3127	rVB	889939	1119624	34.07%	3.674%
55	21.350	3136	3139	3144	rBV	148554	247272	7.53%	0.812%
56	22.733	3369	3374	3379	rBV	897747	1922858	58.52%	6.311%
57	23.197	3449	3453	3462	rVB	484464	876127	26.66%	2.875%
58	23.291	3464	3469	3476	rVB	805102	1470703	44.76%	4.827%
59	23.386	3480	3485	3490	rBV2	891923	1553800	47.29%	5.099%

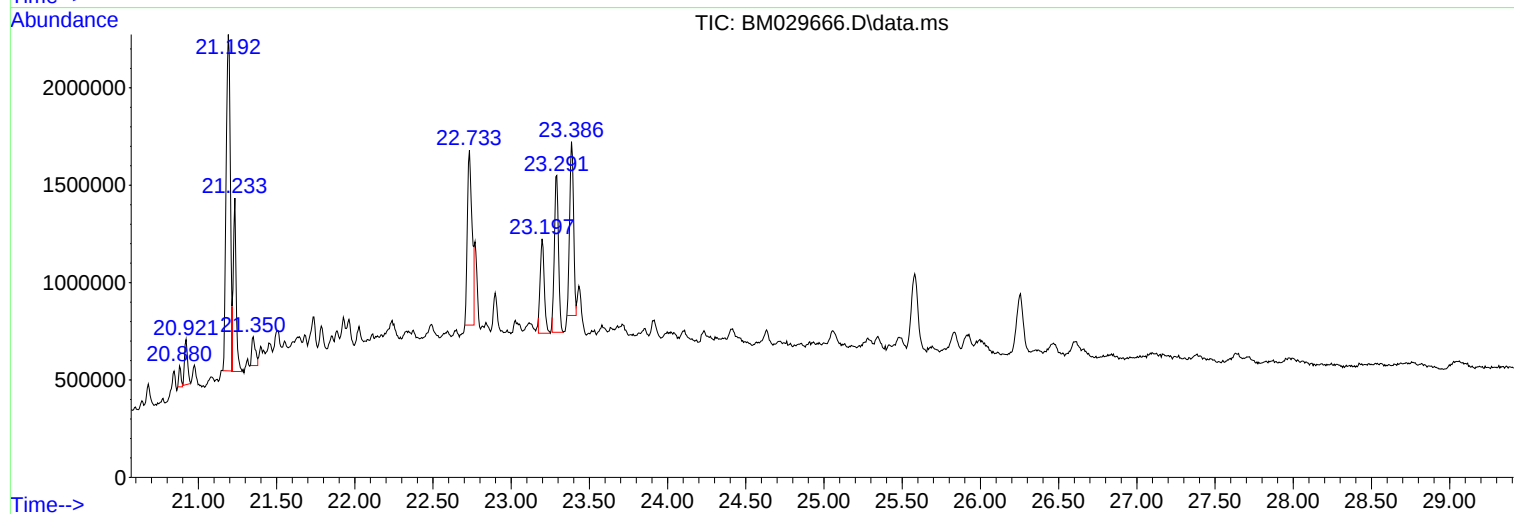
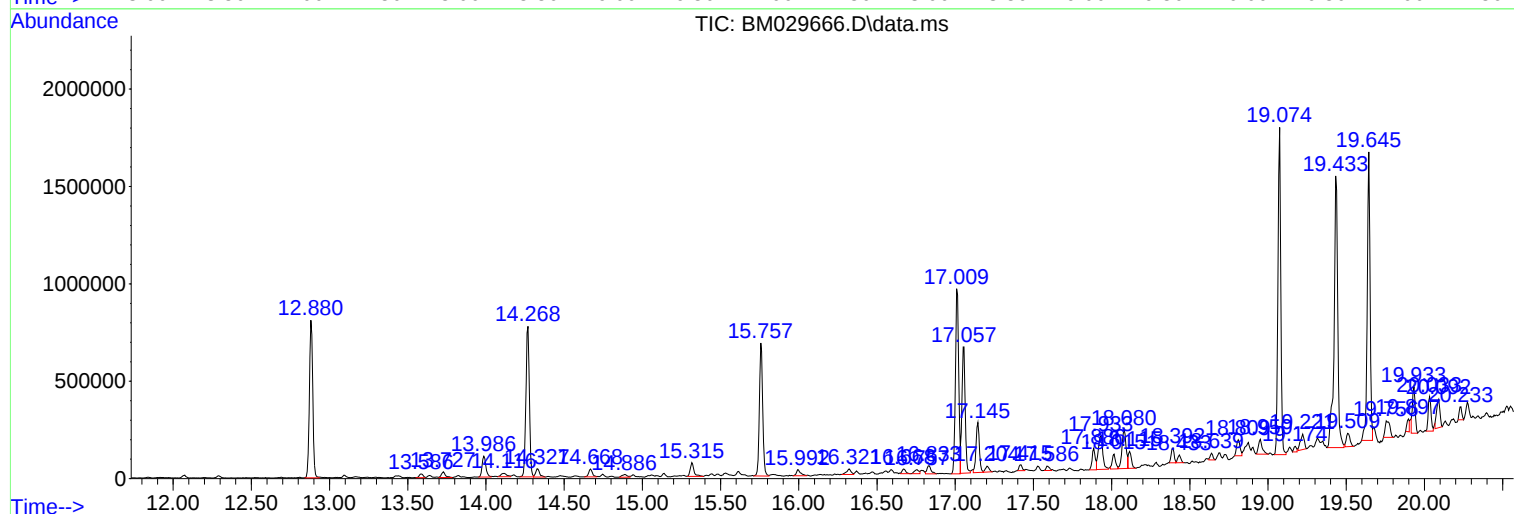
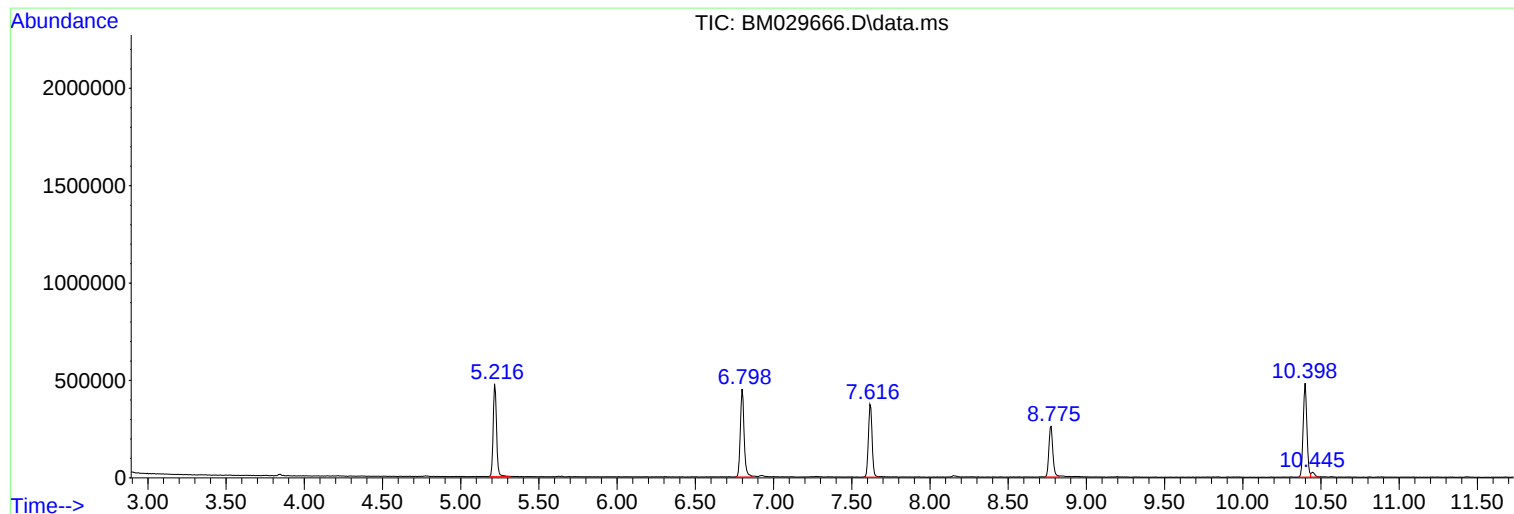
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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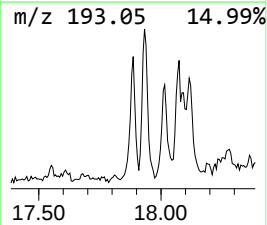
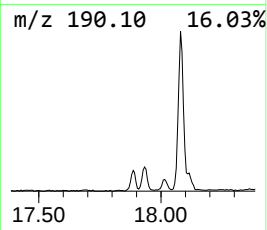
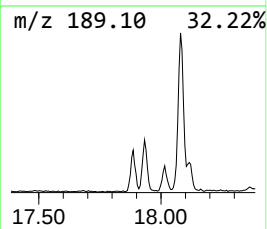
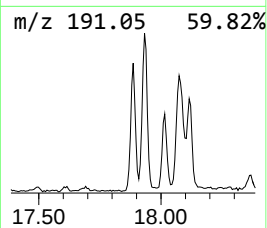
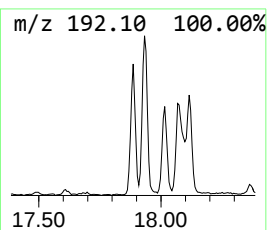
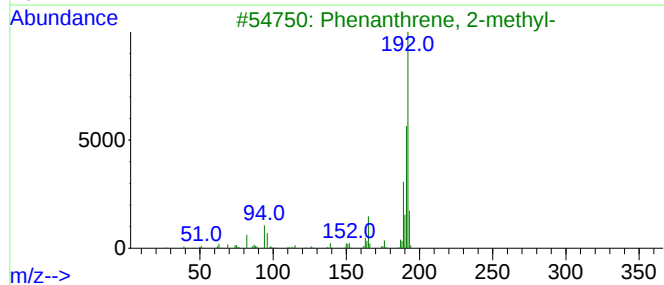
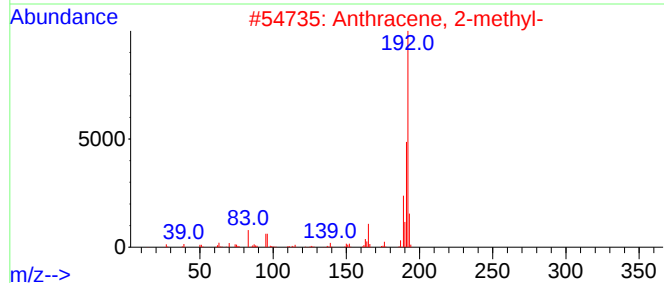
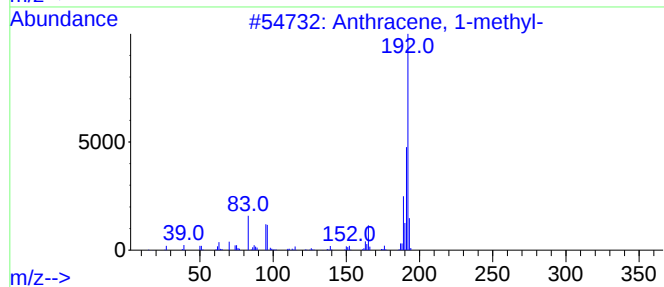
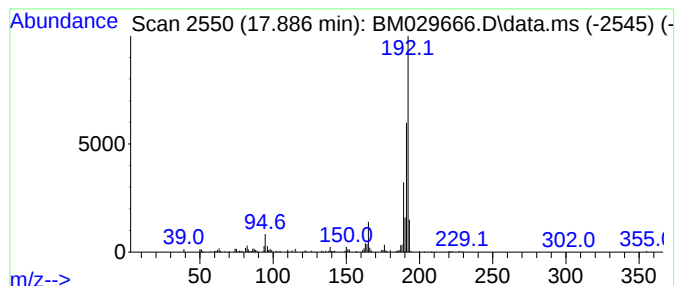
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	2.30 ng	159459	Phenanthrene-d10	17.009

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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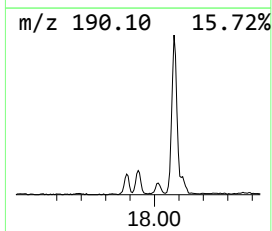
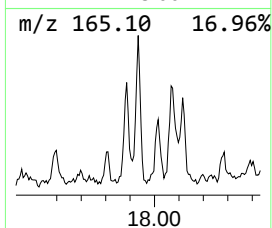
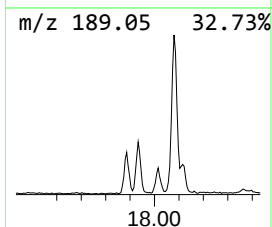
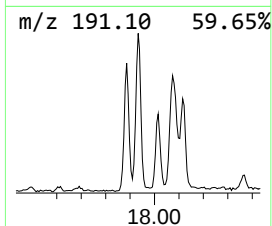
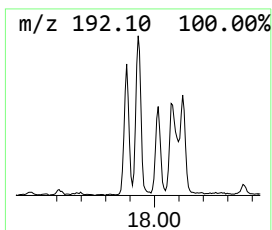
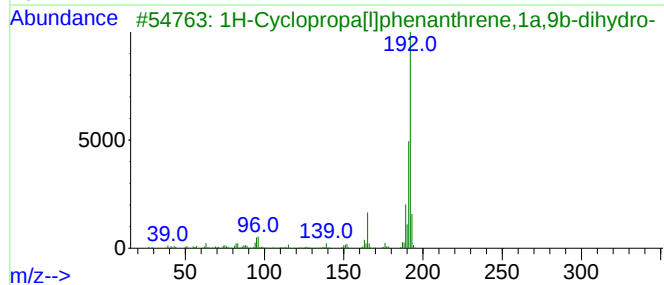
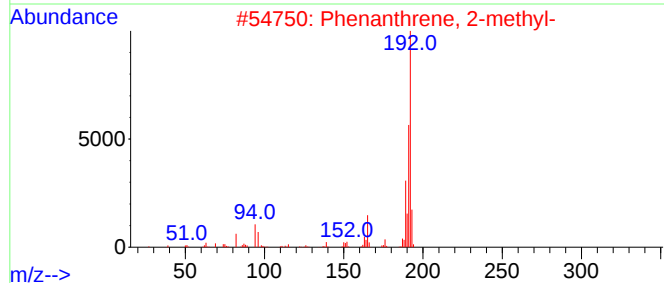
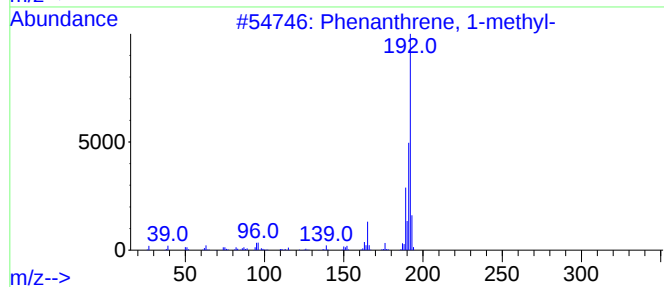
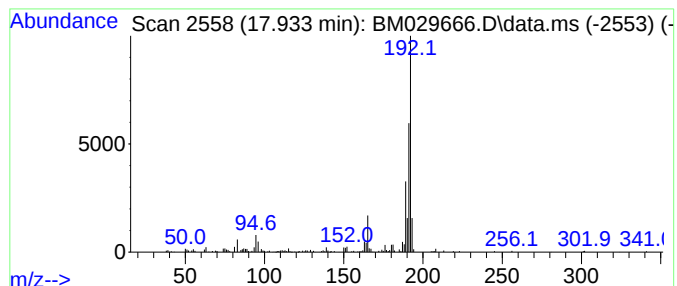
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	4.84 ng	335252	Phenanthrene-d10	17.009

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



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ALS Vial : 19 Sample Multiplier: 1

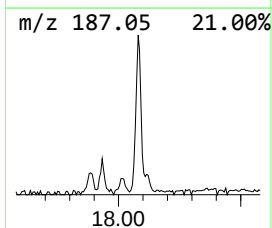
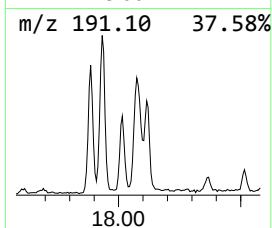
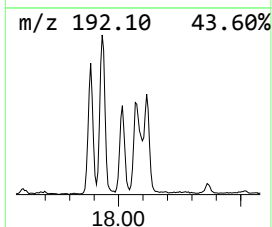
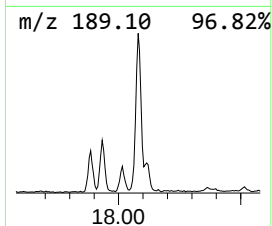
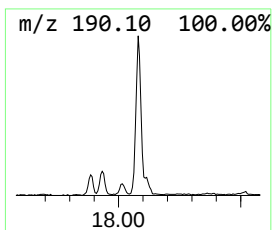
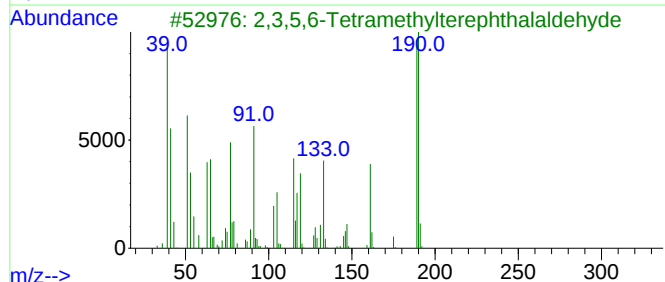
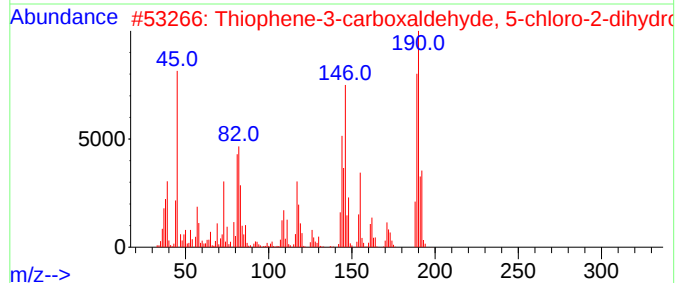
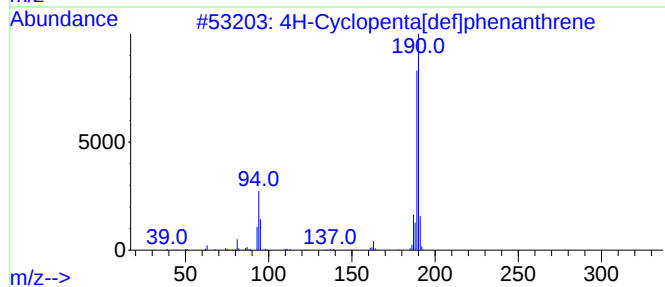
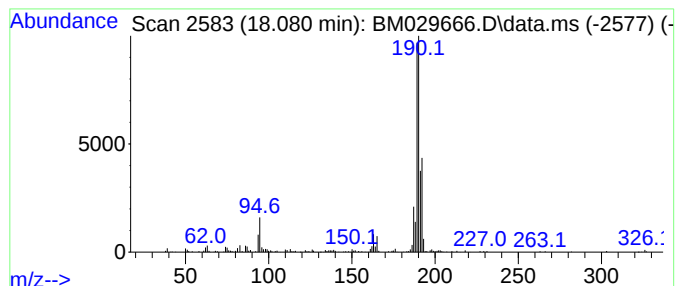
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.080	5.37 ng	372142	Phenanthrene-d10	17.009	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



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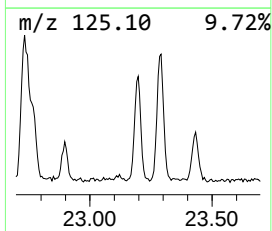
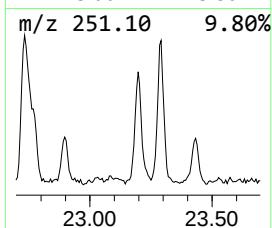
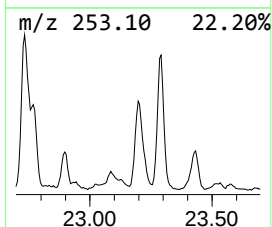
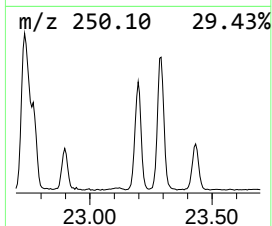
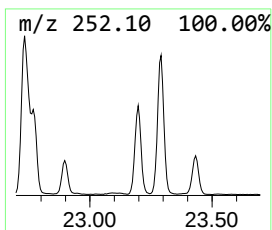
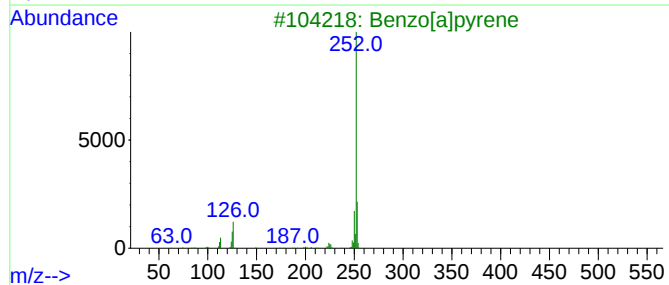
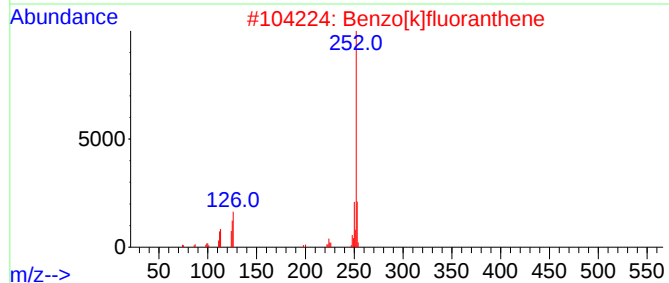
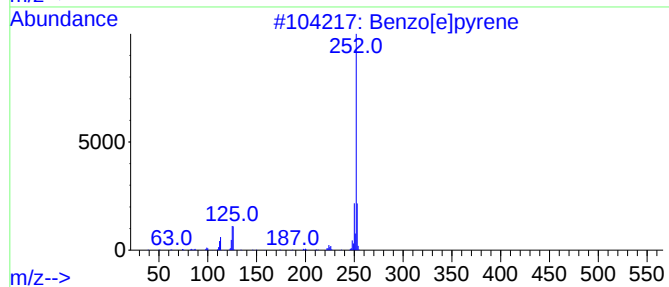
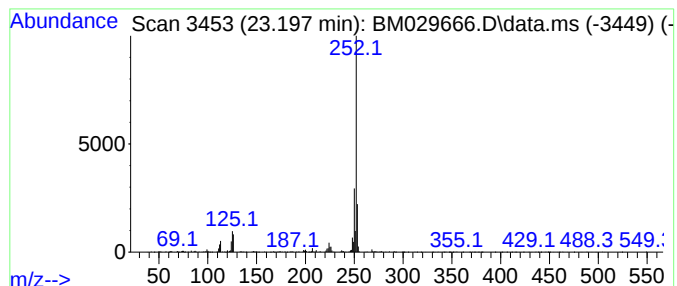
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Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.197	11.28 ng	876127	Perylene-d12	23.386

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



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ClientSampleId :
STOCKPILE-COMP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 1-m...	17.886	2.3	ng	159459	4	17.009	1386190	20.0
Phenanthrene, 1...	17.933	4.8	ng	335252	4	17.009	1386190	20.0
4H-Cyclopenta[d...	18.080	5.4	ng	372142	4	17.009	1386190	20.0
Benzo[e]pyrene	23.197	11.3	ng	876127	6	23.386	1553800	20.0