

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
 Data File : BM026354.D
 Acq On : 11 Jun 2020 13:56
 Operator : JU/CG
 Sample : L2810-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-060920

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BM060520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	361	369	376	rBV	788442	1134742	10.51%	1.071%
2	6.628	629	636	650	rVB	754140	1188427	11.01%	1.121%
3	7.422	763	771	780	rBV	644760	982138	9.10%	0.927%
4	7.734	817	824	831	rBV	645688	988676	9.16%	0.933%
5	8.563	959	965	977	rVB	463770	765207	7.09%	0.722%
6	10.181	1231	1240	1245	rBV	849818	1375755	12.74%	1.298%
7	10.228	1245	1248	1257	rVB	68923	113745	1.05%	0.107%
8	11.851	1516	1524	1536	rBV2	58593	145255	1.35%	0.137%
9	12.680	1659	1665	1671	rVB	1113933	1577775	14.61%	1.489%
10	13.227	1754	1758	1768	rBV3	49772	120581	1.12%	0.114%
11	13.392	1781	1786	1791	rBV	75520	118947	1.10%	0.112%
12	13.545	1805	1812	1816	rBV	136100	201001	1.86%	0.190%
13	13.792	1848	1854	1861	rBV	189199	306421	2.84%	0.289%
14	14.074	1895	1902	1908	rBV	1127054	1641958	15.21%	1.549%
15	14.133	1908	1912	1921	rVB	280964	434687	4.03%	0.410%
16	14.474	1963	1970	1980	rBV	191828	349198	3.23%	0.330%
17	14.969	2048	2054	2061	rVB2	86644	124247	1.15%	0.117%
18	15.127	2076	2081	2087	rBV	506592	735988	6.82%	0.695%
19	15.427	2128	2132	2137	rBV	121318	180831	1.67%	0.171%
20	15.574	2152	2157	2166	rVB2	989492	1455293	13.48%	1.373%
21	15.833	2193	2201	2204	rBV3	138761	241608	2.24%	0.228%
22	16.139	2246	2253	2257	rBV3	112227	223767	2.07%	0.211%
23	16.186	2258	2261	2267	rVB3	71214	115150	1.07%	0.109%
24	16.292	2275	2279	2284	rVB2	69690	112630	1.04%	0.106%
25	16.486	2309	2312	2321	rVB3	73721	120727	1.12%	0.114%
26	16.574	2322	2327	2331	rBV3	80717	148433	1.37%	0.140%
27	16.645	2332	2339	2343	rVV2	242105	543023	5.03%	0.512%
28	16.680	2343	2345	2350	rVB2	93631	114249	1.06%	0.108%
29	16.827	2365	2370	2373	rBV	1278002	1773758	16.43%	1.674%
30	16.874	2373	2378	2383	rVV	4847383	6427772	59.53%	6.066%
31	16.962	2385	2393	2399	rVB	1445178	2038075	18.87%	1.923%
32	17.027	2399	2404	2410	rBV2	78082	148310	1.37%	0.140%
33	17.239	2436	2440	2444	rVB	143103	184884	1.71%	0.174%
34	17.362	2456	2461	2465	rVB2	219671	298208	2.76%	0.281%

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 Sampling : 1
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Filtering: 5
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.410	2465	2469	2480	rVB3	82094	139886	1.30%	0.132%
36	17.545	2489	2492	2499	rVB2	70636	123110	1.14%	0.116%
37	17.704	2514	2519	2523	rBV	526593	693595	6.42%	0.655%
38	17.751	2523	2527	2534	rVB	738065	977531	9.05%	0.922%
39	17.833	2536	2541	2545	rVV	337795	452947	4.19%	0.427%
40	17.898	2546	2552	2556	rVV2	1082043	1772676	16.42%	1.673%
41	17.933	2556	2558	2567	rVB	346232	413970	3.83%	0.391%
42	18.057	2575	2579	2584	rBV	216574	239405	2.22%	0.226%
43	18.209	2601	2605	2609	rBV	416653	512898	4.75%	0.484%
44	18.251	2609	2612	2617	rVB2	141198	200145	1.85%	0.189%
45	18.462	2645	2648	2652	rVB2	108236	137056	1.27%	0.129%
46	18.515	2653	2657	2660	rVV	137548	201251	1.86%	0.190%
47	18.551	2661	2663	2667	rVB	118382	129954	1.20%	0.123%
48	18.639	2673	2678	2682	rBV2	287321	496415	4.60%	0.468%
49	18.698	2683	2688	2691	rBV2	335220	606664	5.62%	0.572%
50	18.774	2697	2701	2709	rBV2	189763	354316	3.28%	0.334%
51	18.904	2717	2723	2730	rVB	7697021	10230209	94.74%	9.654%
52	18.998	2737	2739	2743	rVB3	129335	150160	1.39%	0.142%
53	19.051	2744	2748	2752	rBV	131050	180832	1.67%	0.171%
54	19.139	2760	2763	2770	rVB2	165310	242300	2.24%	0.229%
55	19.268	2775	2785	2793	rBV	6253875	10798378	100.00%	10.190%
56	19.339	2793	2797	2804	rVB2	249796	445265	4.12%	0.420%
57	19.445	2812	2815	2818	rBV	359411	481343	4.46%	0.454%
58	19.480	2818	2821	2825	rVV	1701281	1944428	18.01%	1.835%
59	19.598	2835	2841	2847	rBV3	379900	930185	8.61%	0.878%
60	19.733	2860	2864	2866	rBV3	285369	423626	3.92%	0.400%
61	19.768	2866	2870	2875	rVB	1265680	1642756	15.21%	1.550%
62	19.827	2877	2880	2883	rBV3	179958	209995	1.94%	0.198%
63	19.868	2883	2887	2891	rBV	1230182	1473652	13.65%	1.391%
64	19.927	2892	2897	2901	rVV2	599642	846331	7.84%	0.799%
65	20.062	2917	2920	2924	rVB	274130	325132	3.01%	0.307%
66	20.109	2925	2928	2933	rVV2	320819	427467	3.96%	0.403%
67	20.327	2962	2965	2969	rBV3	258182	356031	3.30%	0.336%
68	20.686	3022	3026	3029	rBV	429843	537042	4.97%	0.507%
69	20.721	3029	3032	3035	rVB	529129	533150	4.94%	0.503%
70	20.756	3035	3038	3040	rBV	449904	574990	5.32%	0.543%
71	21.027	3079	3084	3089	rBV3	4765944	8205339	75.99%	7.743%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	21.074	3089	3092	3100	rVB	3516593	4665751	43.21%	4.403%
73	21.192	3108	3112	3115	rBV	891878	1067586	9.89%	1.007%
74	22.533	3334	3340	3345	rBV	3135397	7464057	69.12%	7.044%
75	22.686	3363	3366	3375	rVB	773701	1189673	11.02%	1.123%
76	22.968	3410	3414	3422	rVB	1857262	3195236	29.59%	3.015%
77	23.062	3424	3430	3437	rVV	3214078	5878881	54.44%	5.548%
78	23.144	3440	3444	3448	rVV	1428032	2497185	23.13%	2.357%
79	23.186	3449	3451	3461	rVB2	931150	1597983	14.80%	1.508%
80	25.209	3790	3795	3803	rVB	1532567	3571510	33.07%	3.370%

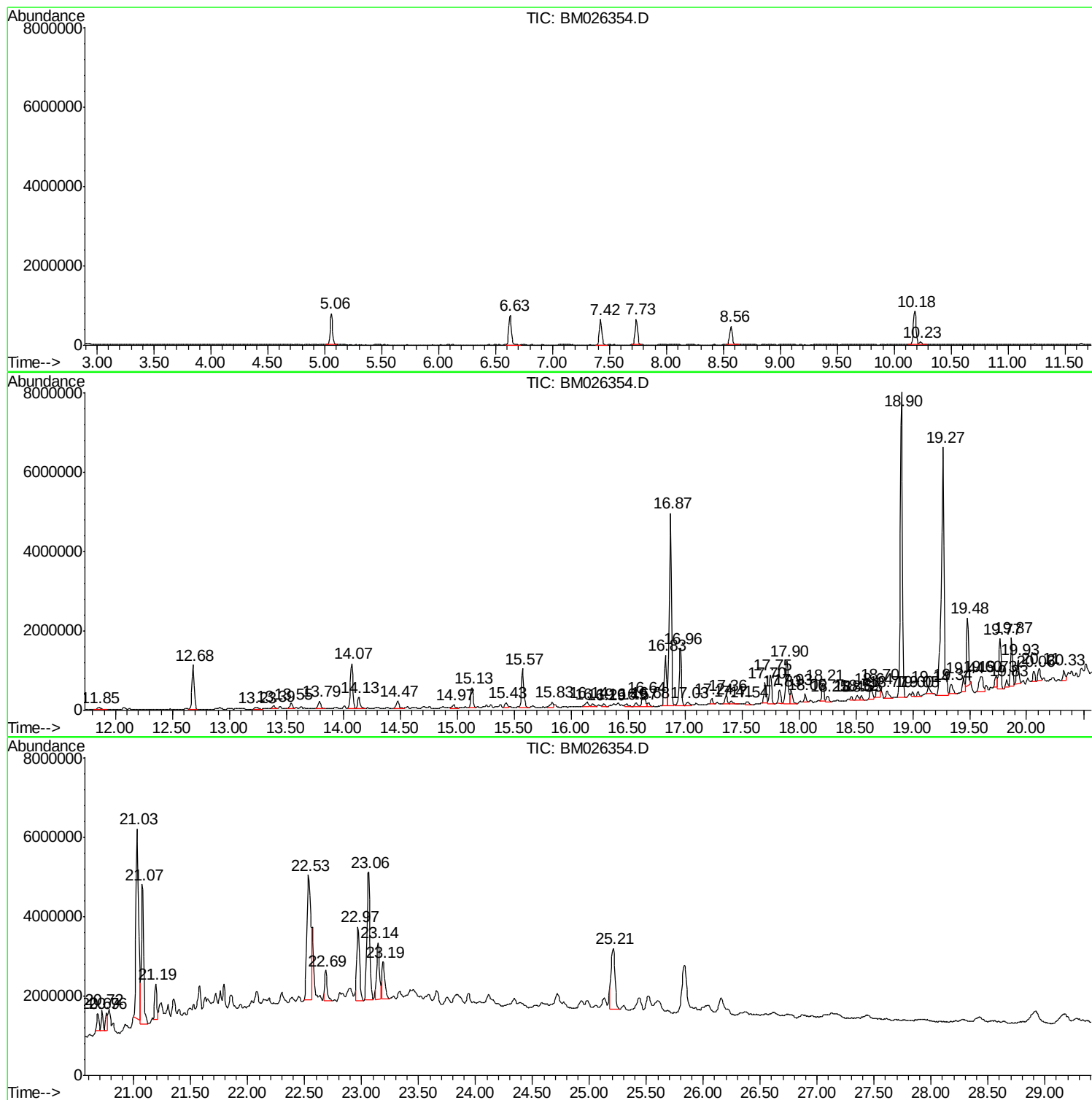
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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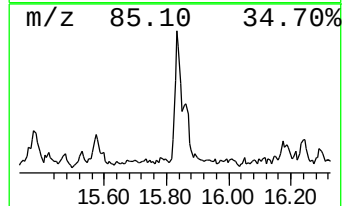
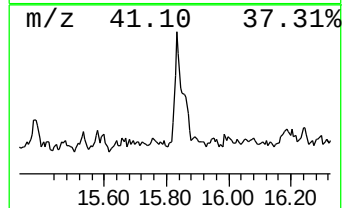
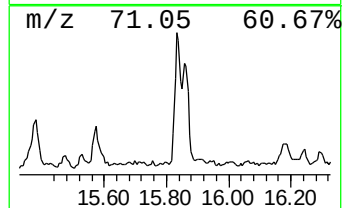
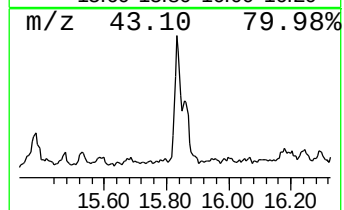
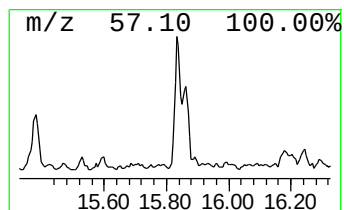
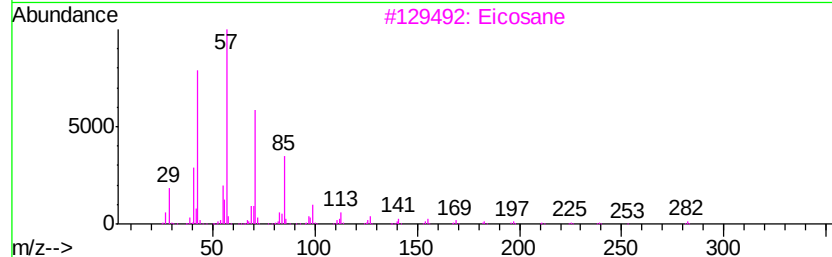
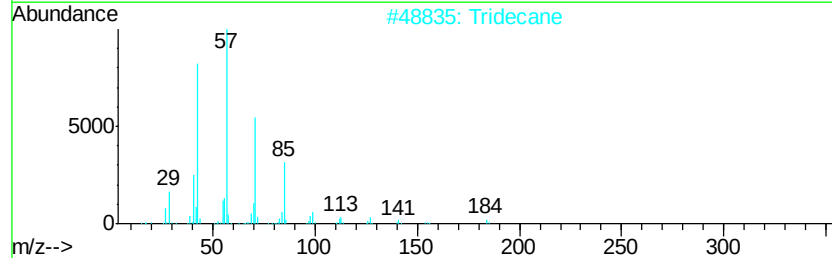
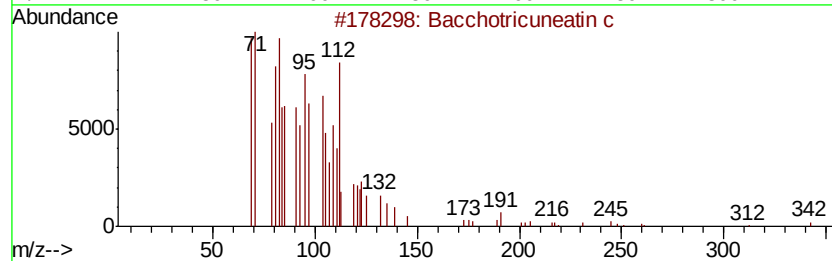
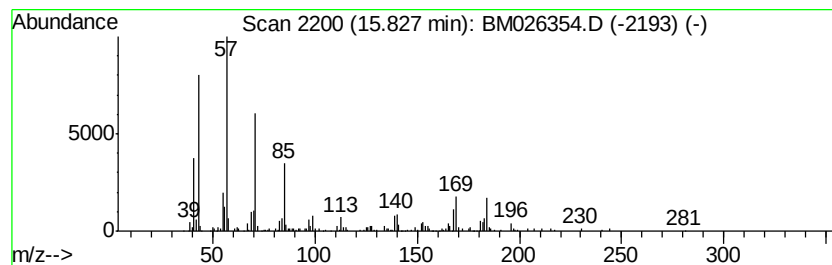
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.72 ng	241608	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2		Tridecane	184	C13H28	000629-50-5	93
3		Eicosane	282	C20H42	000112-95-8	83
4		Tetradecane	198	C14H30	000629-59-4	83
5		Heptacosane	380	C27H56	000593-49-7	83



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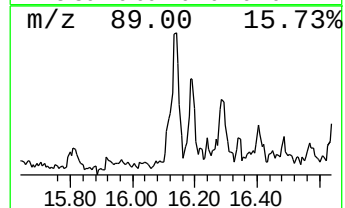
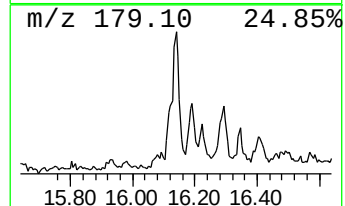
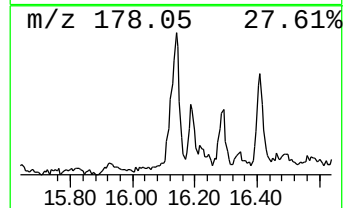
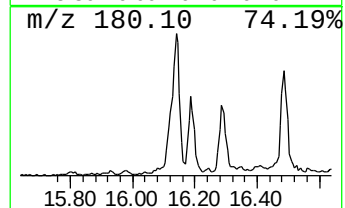
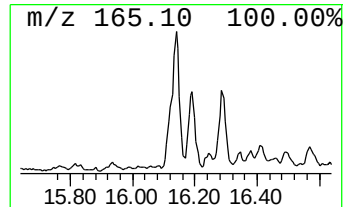
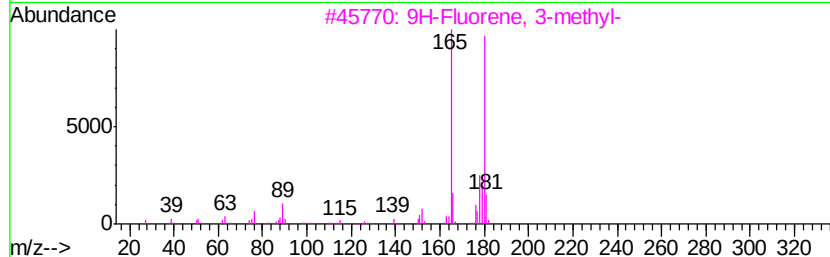
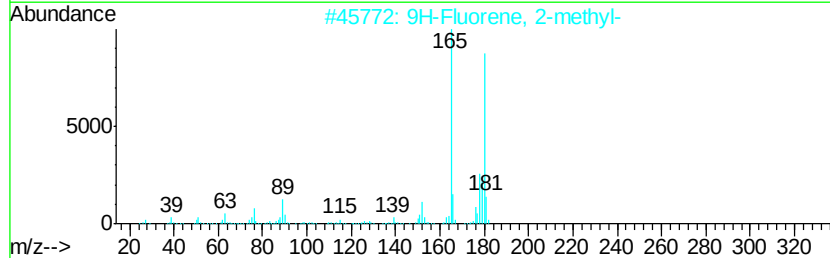
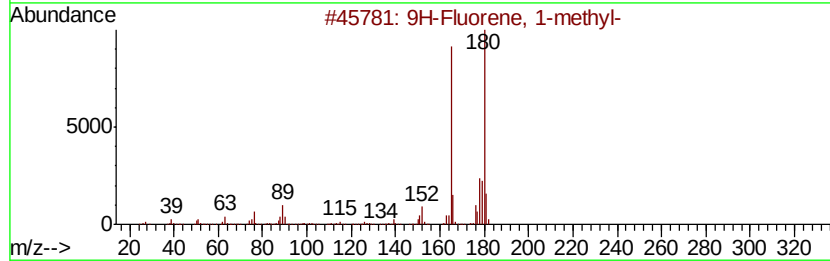
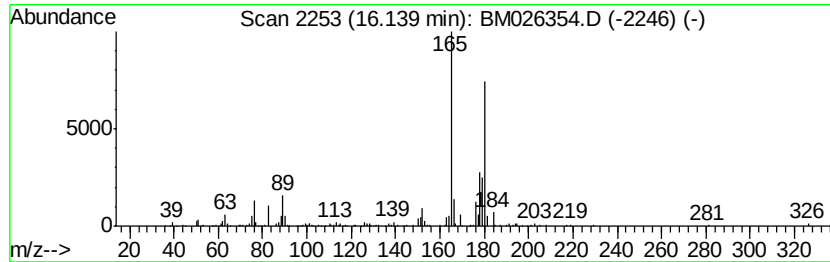
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.14	2.52 ng	223767	Phenanthrene-d10	16.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	91
2	9H-Fluorene, 2-methyl-		180	C14H12	001430-97-3	91
3	9H-Fluorene, 3-methyl-		180	C14H12	002523-39-9	90
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...		208	C14H12N2	059341-20-7	86
5	9H-Fluorene, 9-methyl-		180	C14H12	002523-37-7	83



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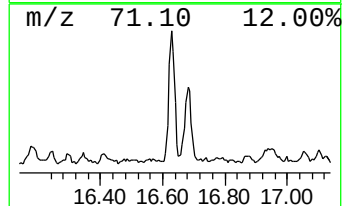
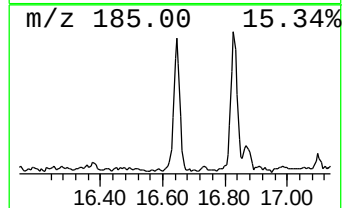
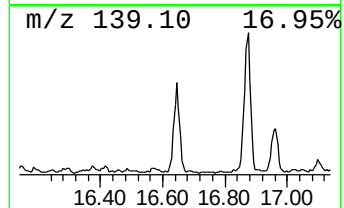
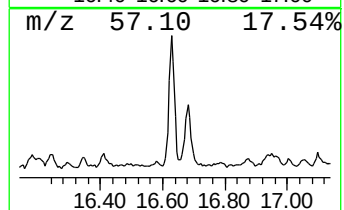
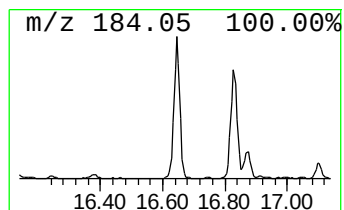
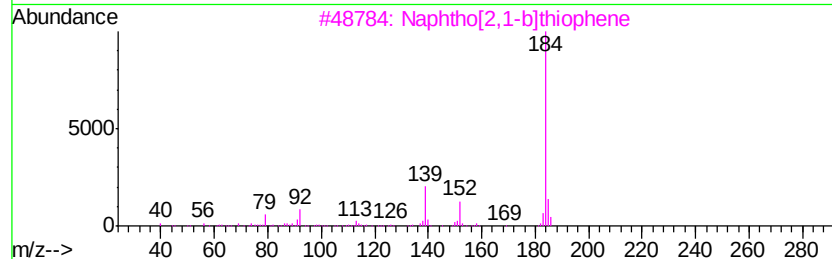
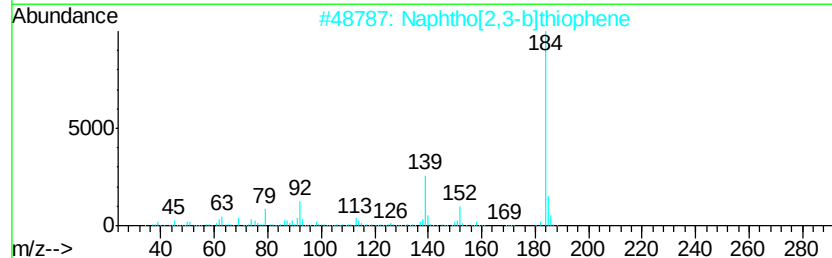
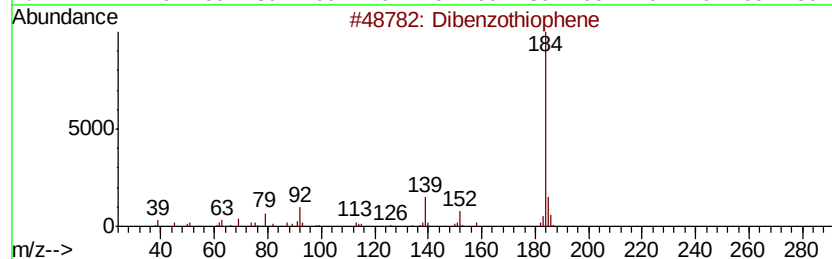
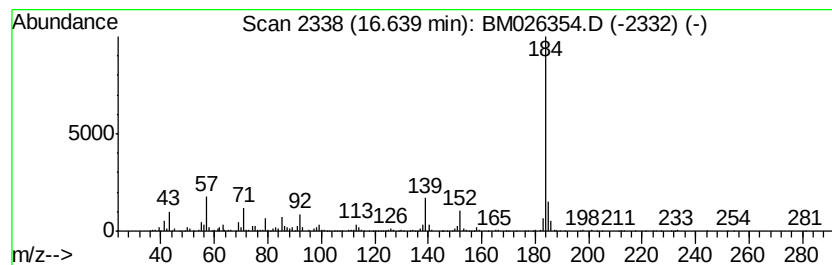
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.64	6.12 ng	543023	Phenanthrene-d10		16.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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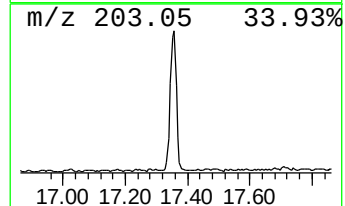
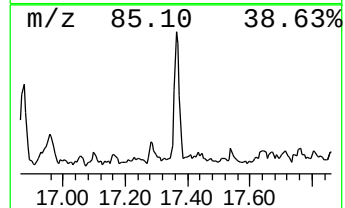
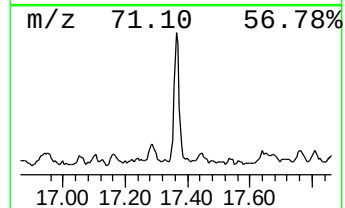
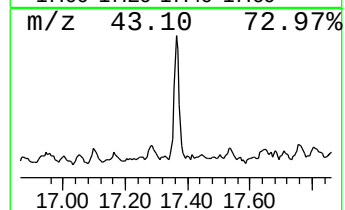
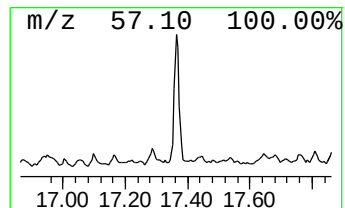
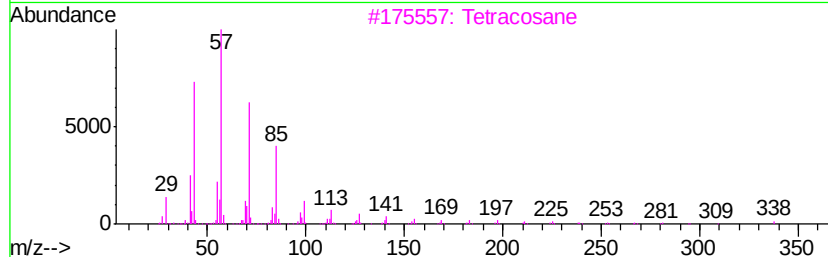
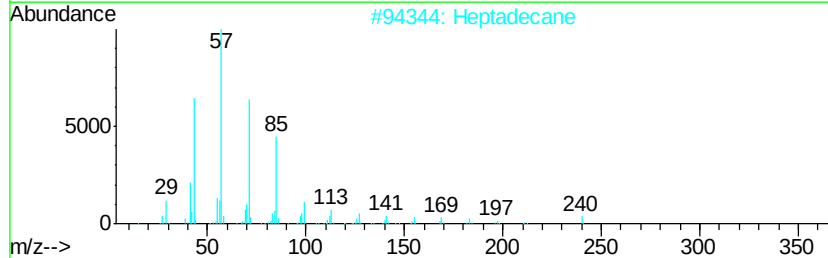
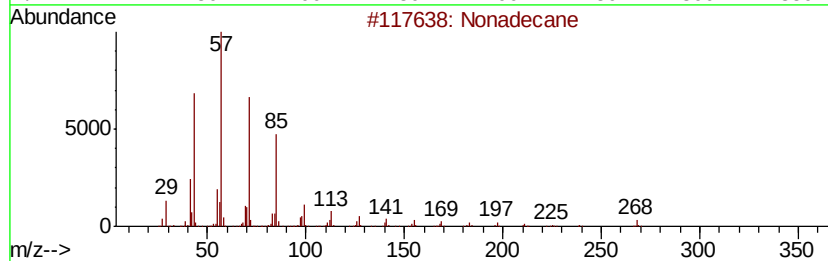
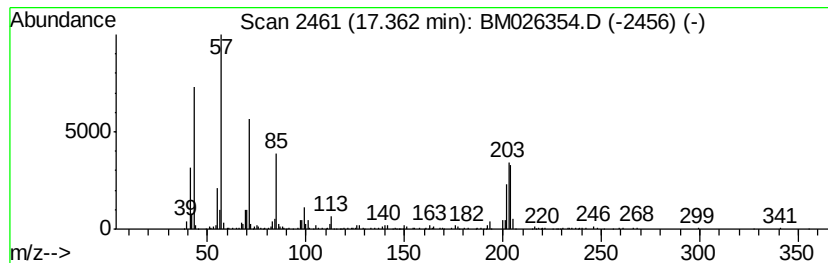
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	3.36 ng	298208	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Heptadecane		240	C17H36	000629-78-7	49
3	Tetracosane		338	C24H50	000646-31-1	49
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	49
5	Tetradecane		198	C14H30	000629-59-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026354.D
Acq On : 11 Jun 2020 13:56
Operator : JU/CG
Sample : L2810-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-060920

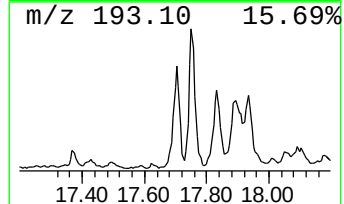
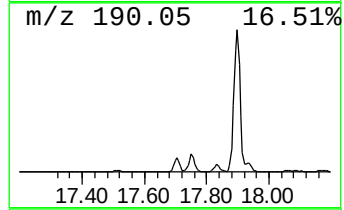
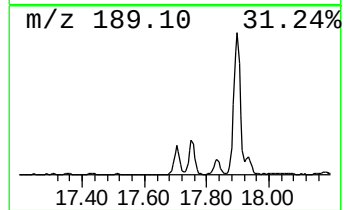
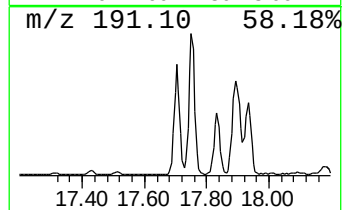
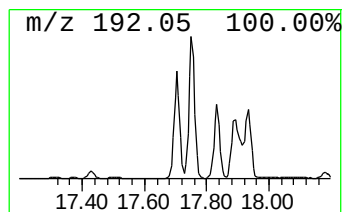
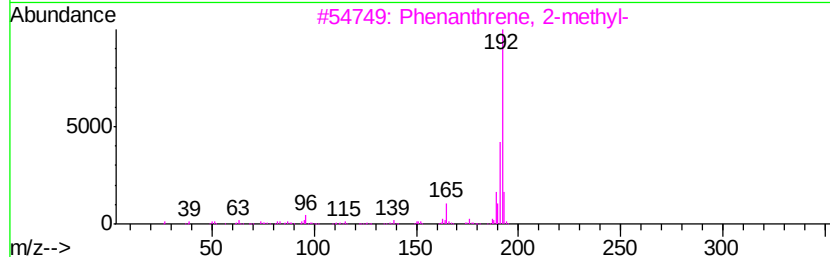
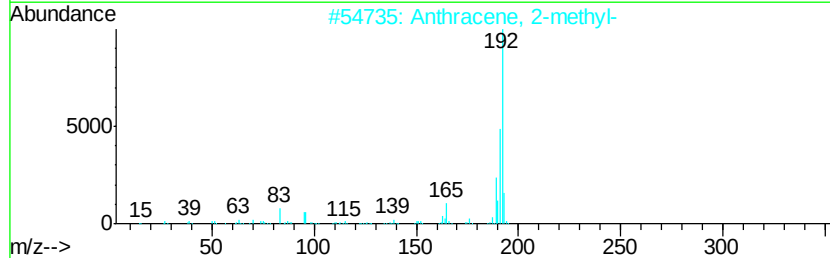
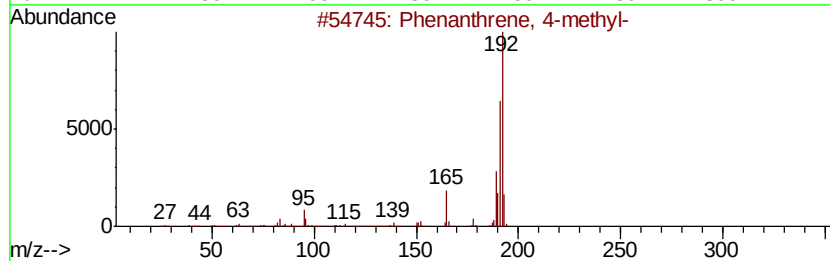
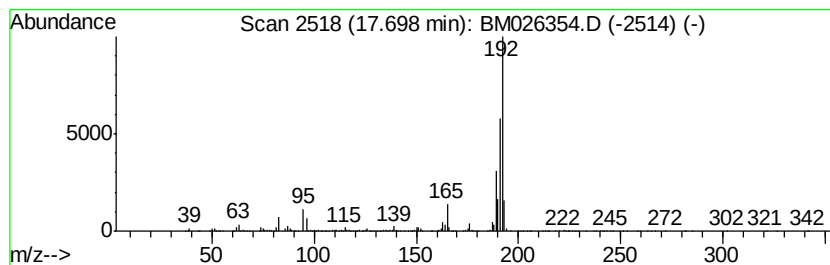
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	7.82 ng	693595	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
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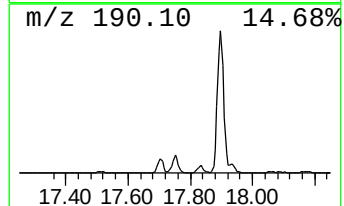
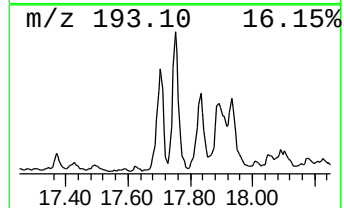
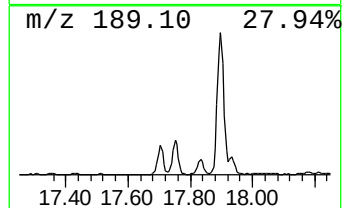
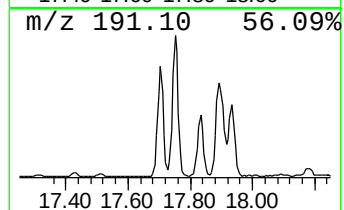
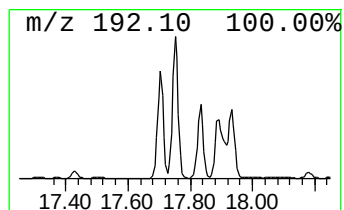
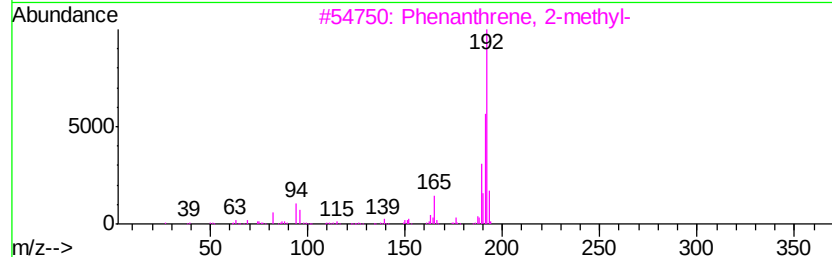
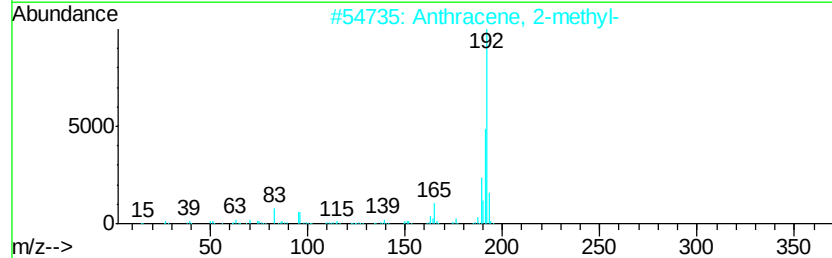
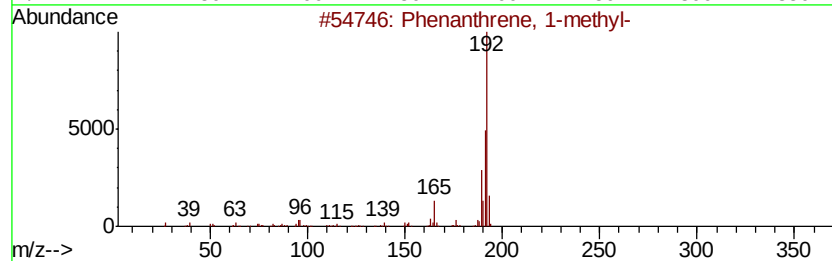
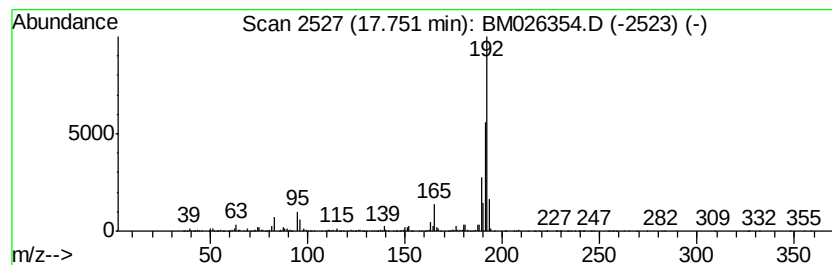
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.75	11.02 ng	977531	Phenanthrene-d10	16.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026354.D
Acq On : 11 Jun 2020 13:56
Operator : JU/CG
Sample : L2810-01 2X
Misc :
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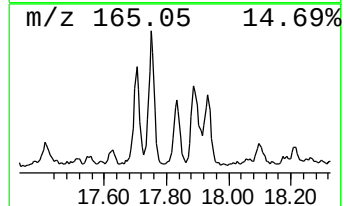
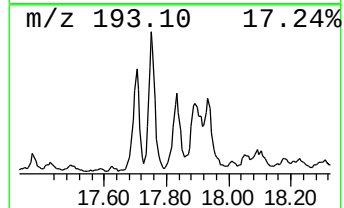
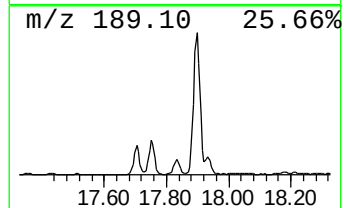
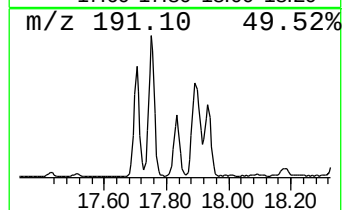
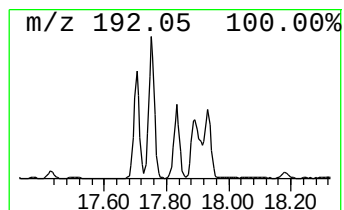
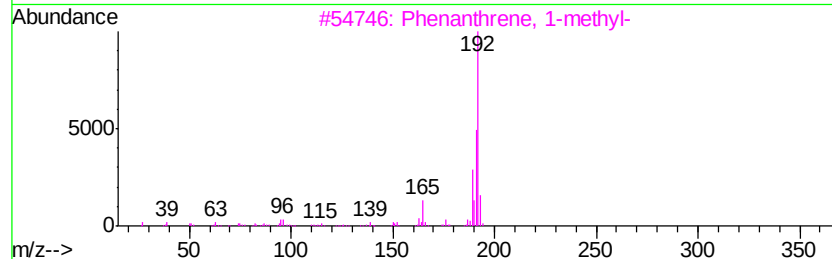
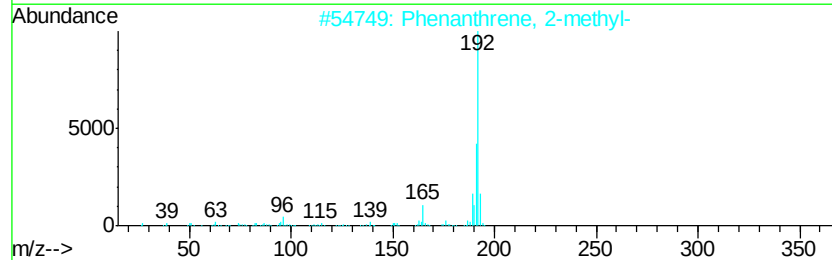
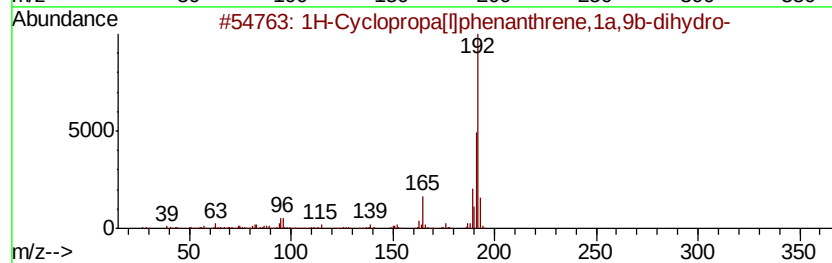
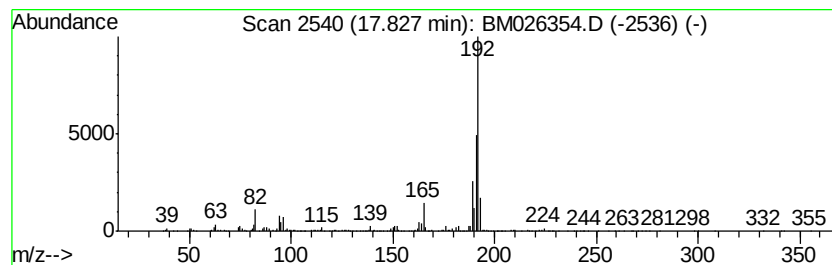
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	5.11 ng	452947	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
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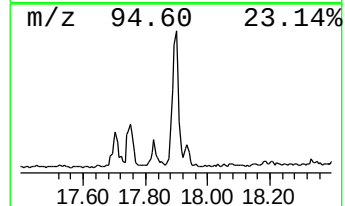
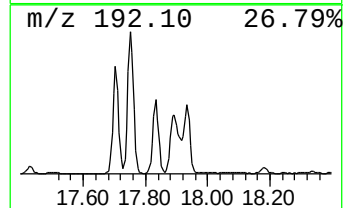
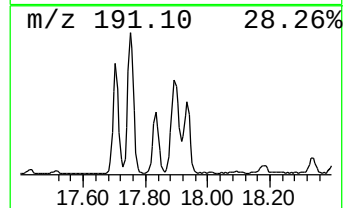
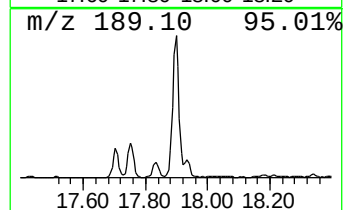
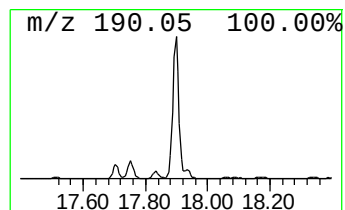
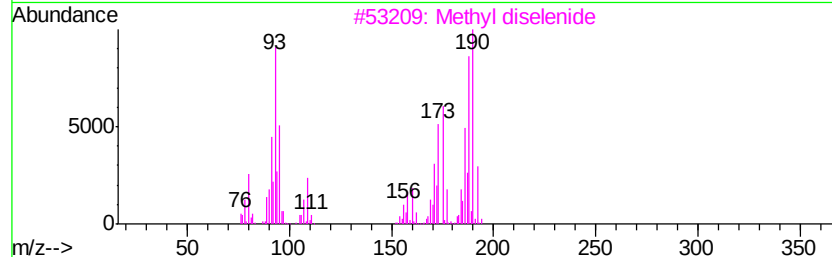
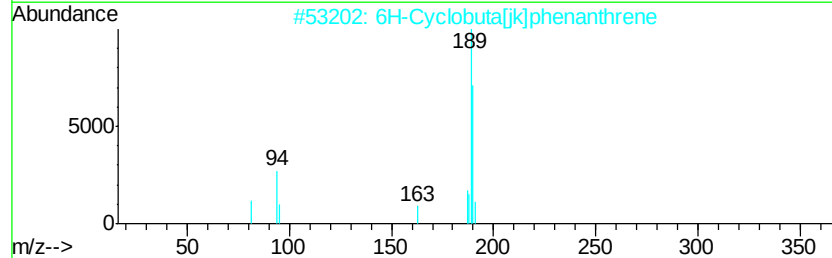
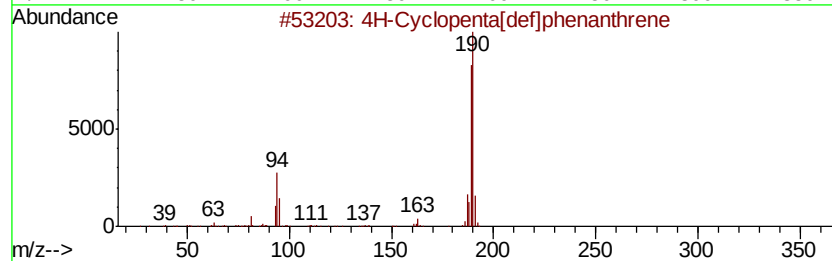
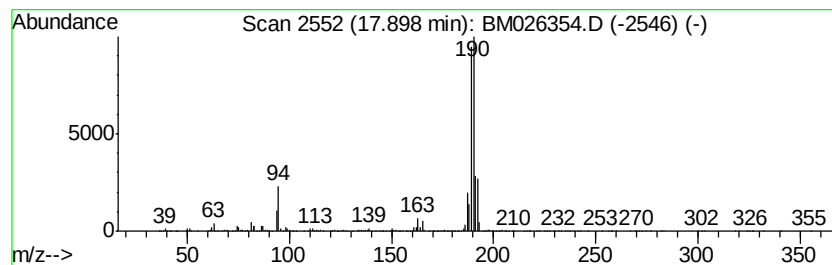
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.90	19.99 ng	1772680	Phenanthrene-d10	16.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026354.D
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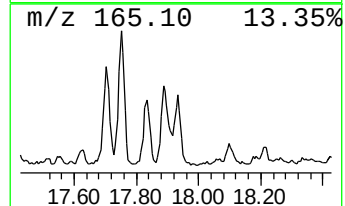
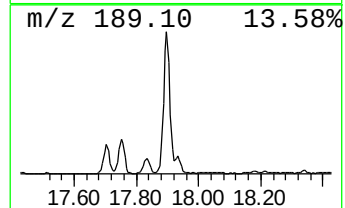
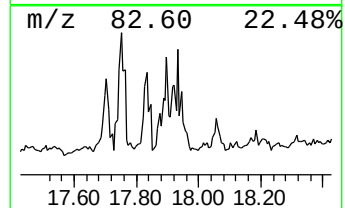
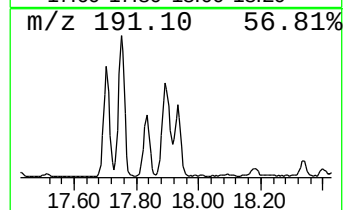
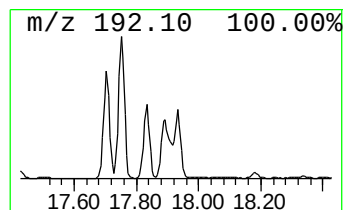
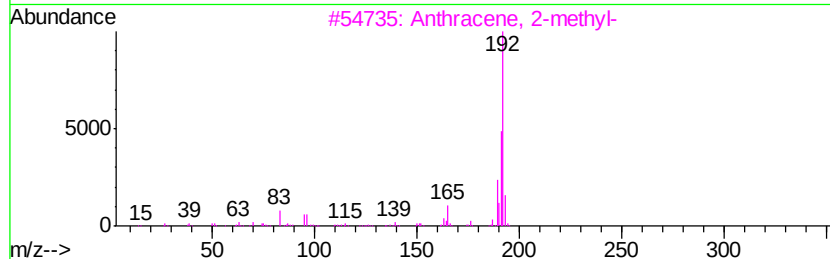
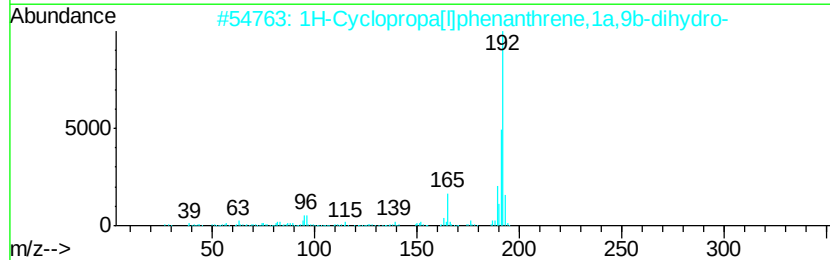
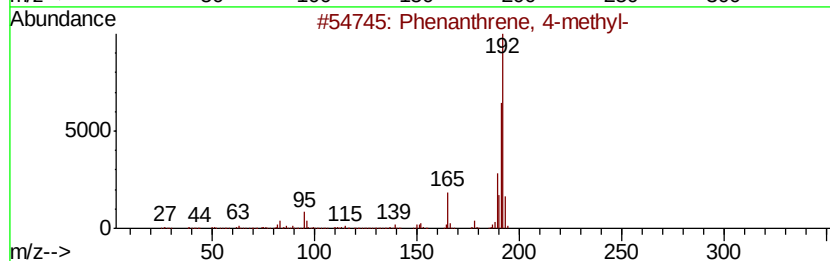
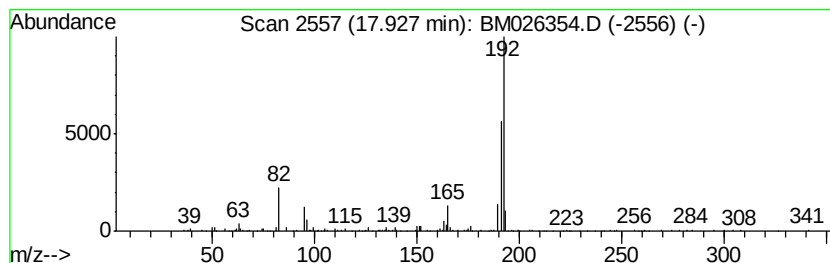
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.67 ng	413970	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
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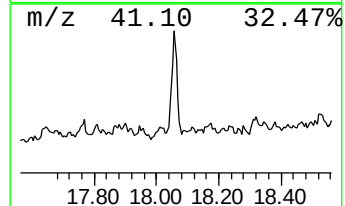
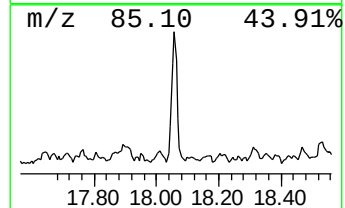
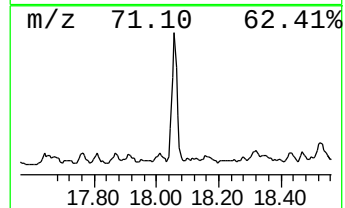
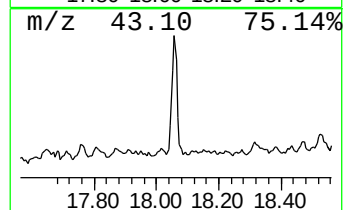
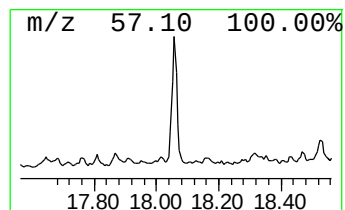
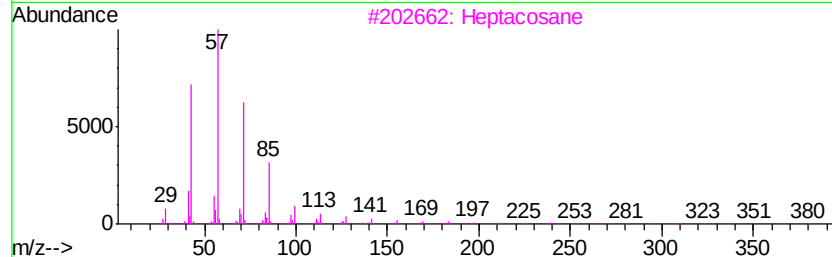
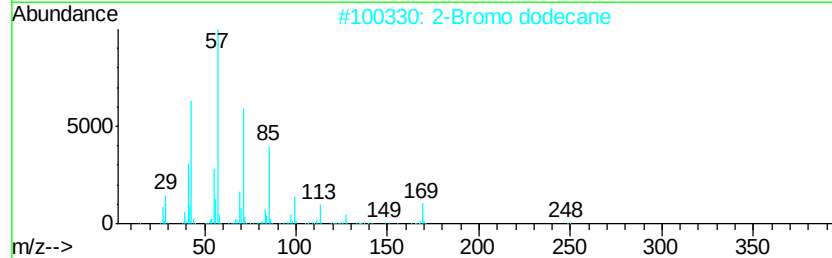
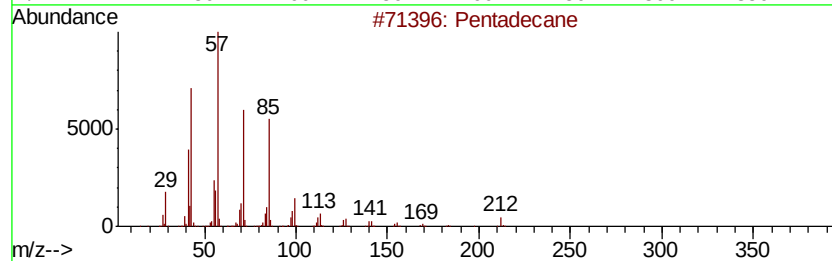
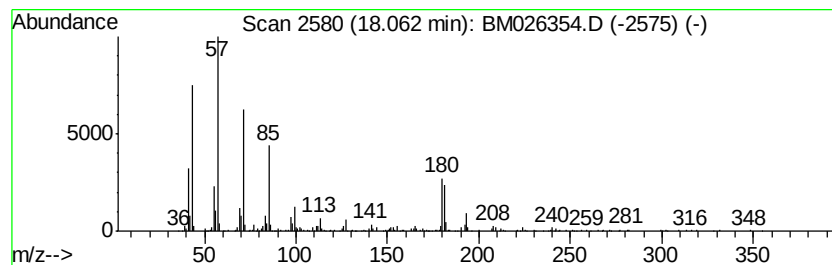
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.70 ng	239405	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	86
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	83
3		Heptacosane	380	C27H56	000593-49-7	64
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	58
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026354.D
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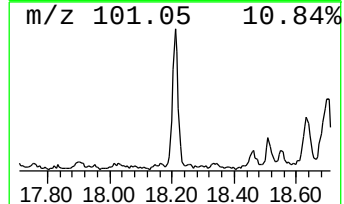
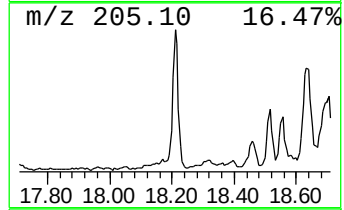
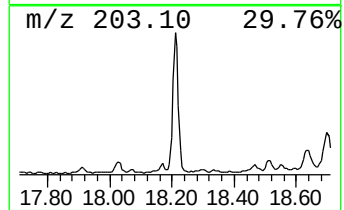
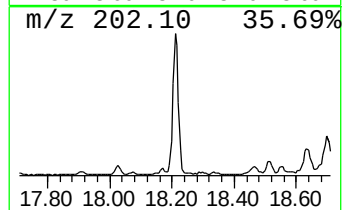
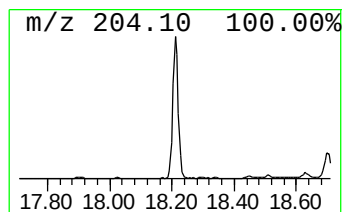
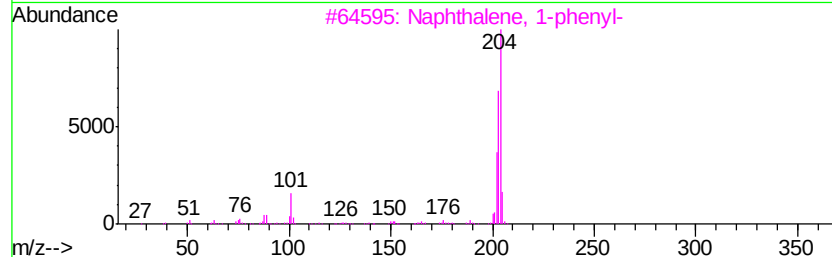
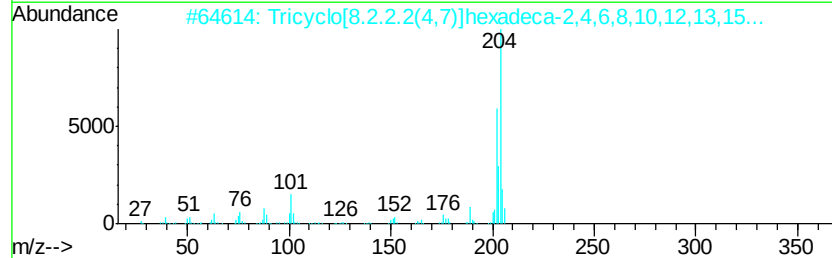
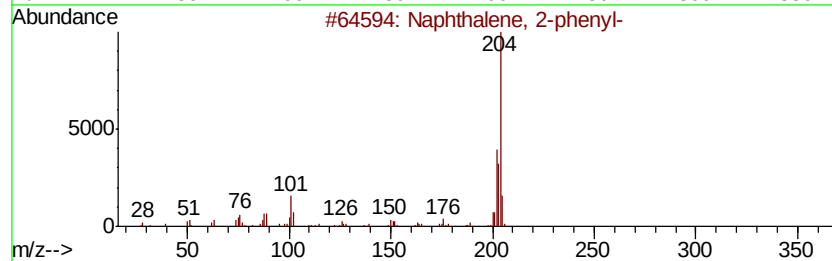
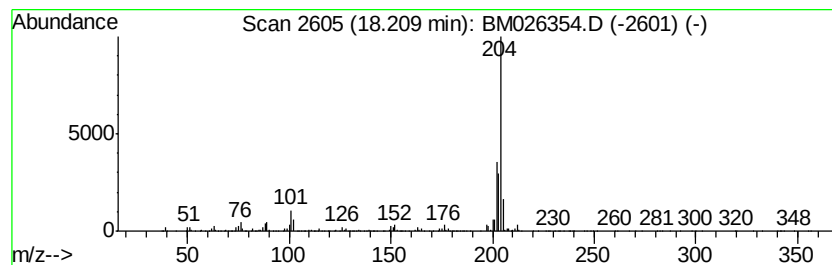
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	5.78 ng	512898	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026354.D
Acq On : 11 Jun 2020 13:56
Operator : JU/CG
Sample : L2810-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-060920

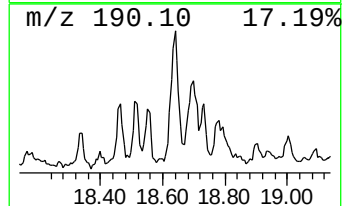
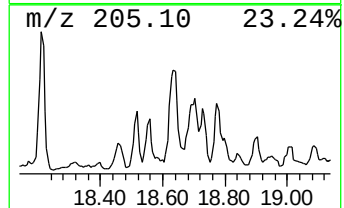
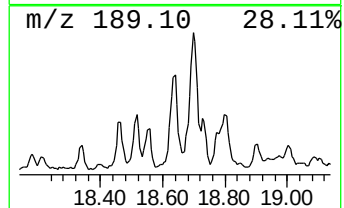
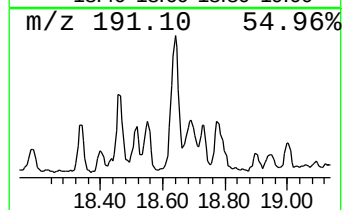
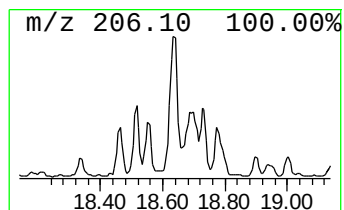
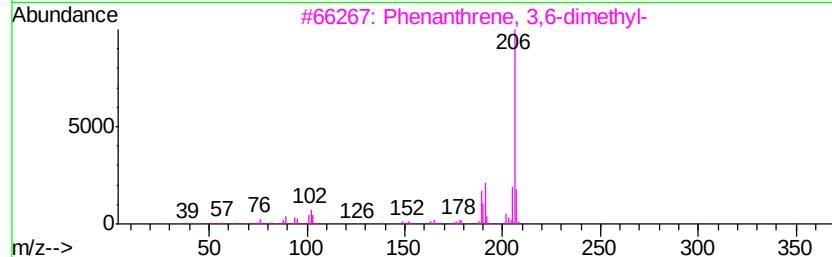
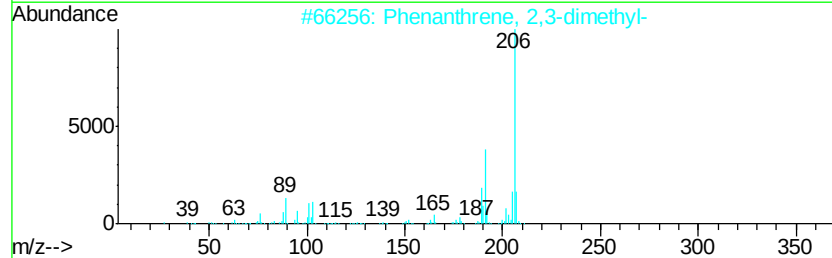
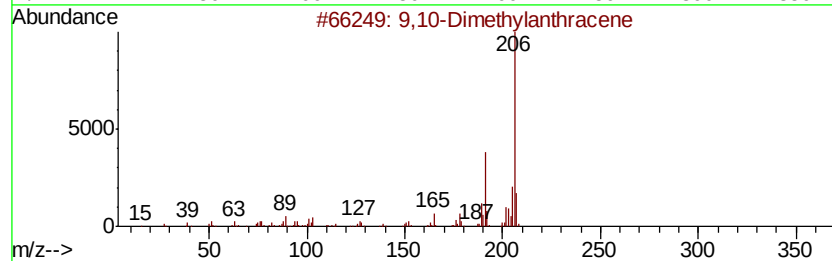
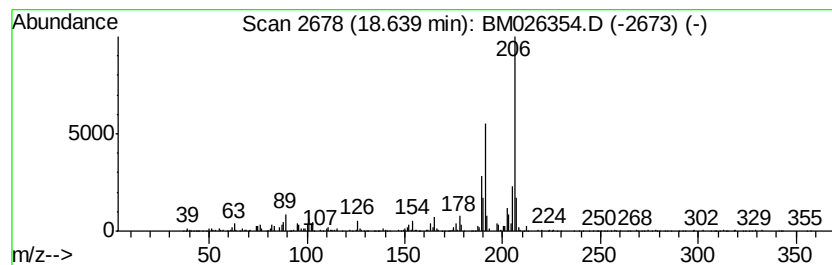
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Dimethylantracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	5.60 ng	496415	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	93	
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91	
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91	
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90	
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
 Data File : BM026354.D
 Acq On : 11 Jun 2020 13:56
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 Misc :
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 ClientSampleId :
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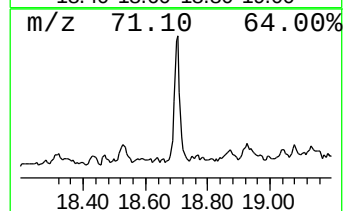
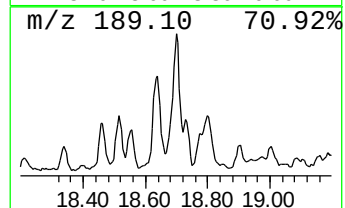
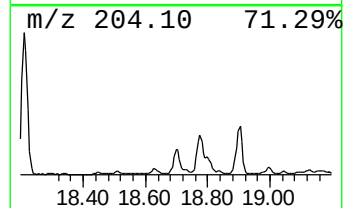
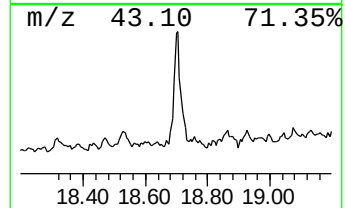
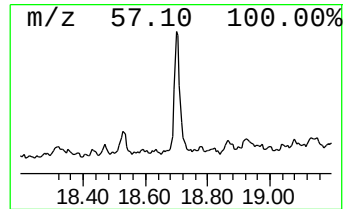
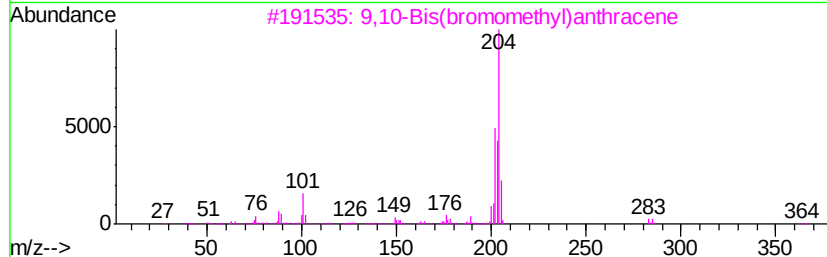
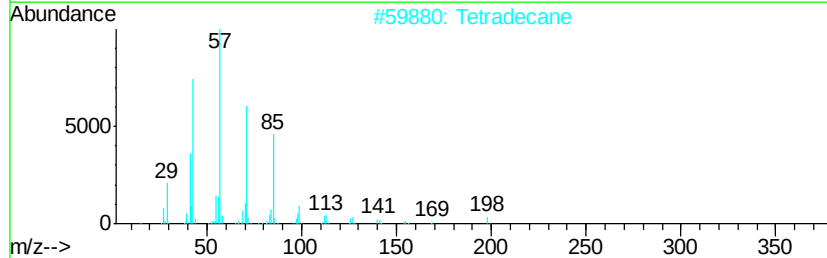
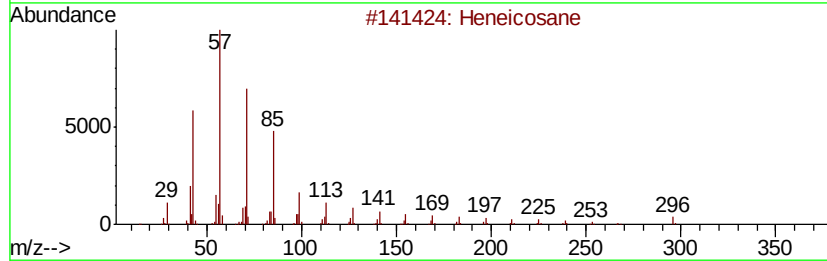
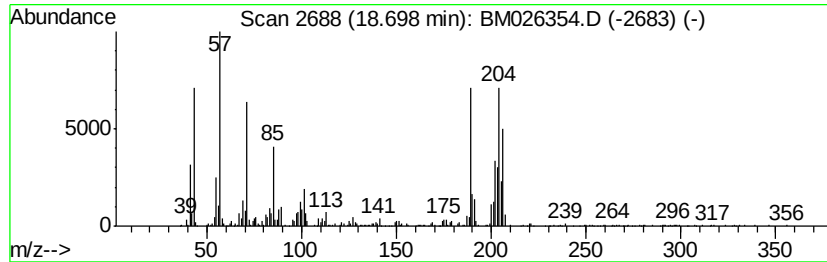
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	6.84 ng	606664	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	59
2			Tetradecane	198	C14H30	000629-59-4	40
3			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	30
5			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
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Operator : JU/CG
Sample : L2810-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

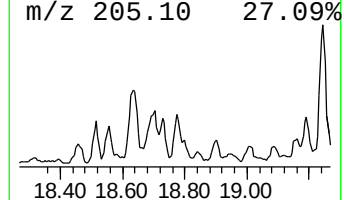
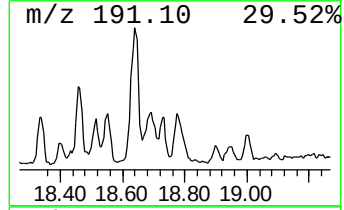
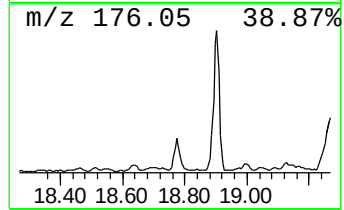
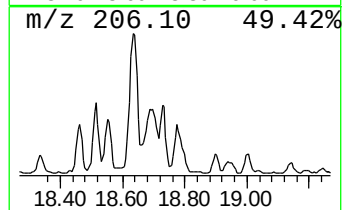
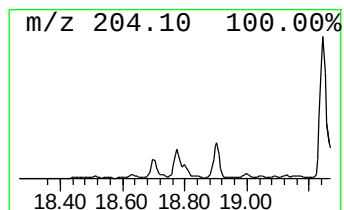
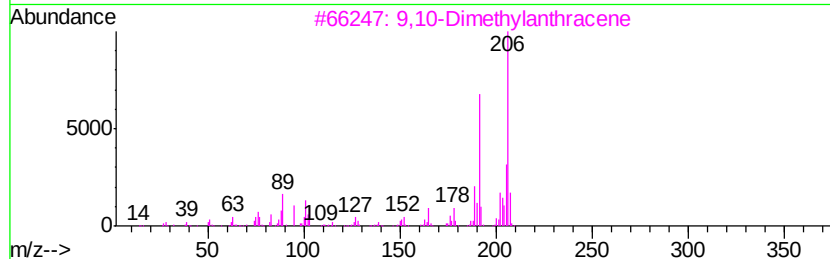
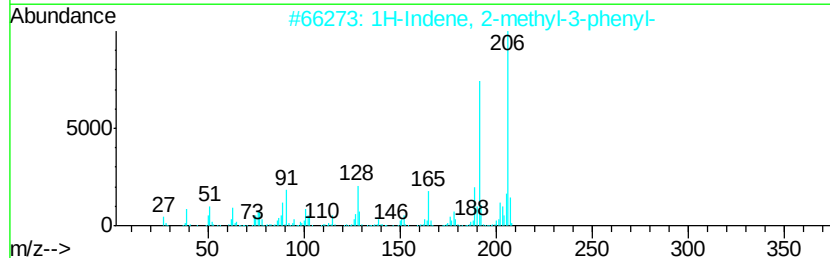
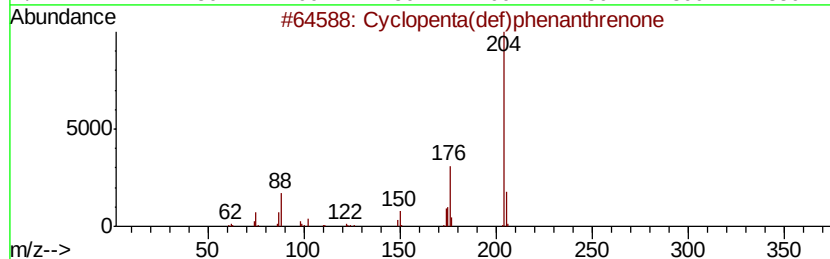
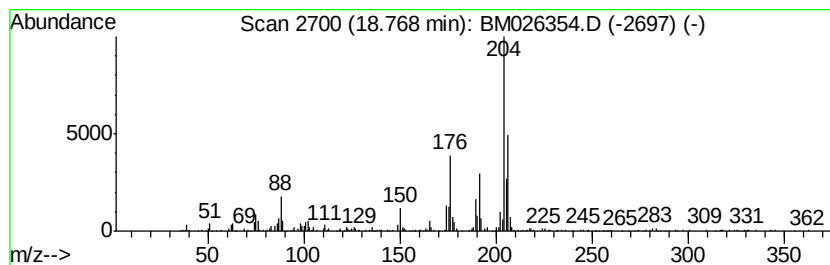
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.77	4.00 ng	354316	Phenanthrene-d10		16.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	74
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	47
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026354.D
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ALS Vial : 7 Sample Multiplier: 1

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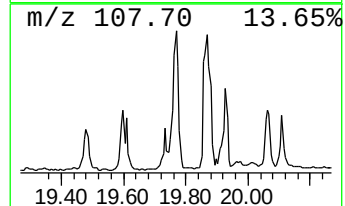
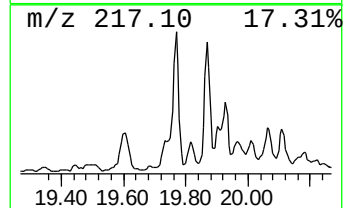
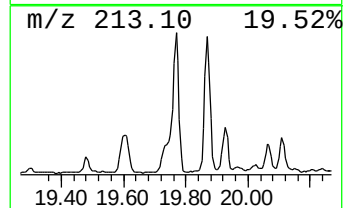
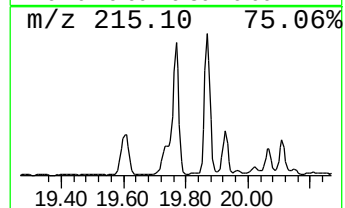
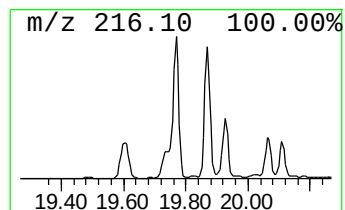
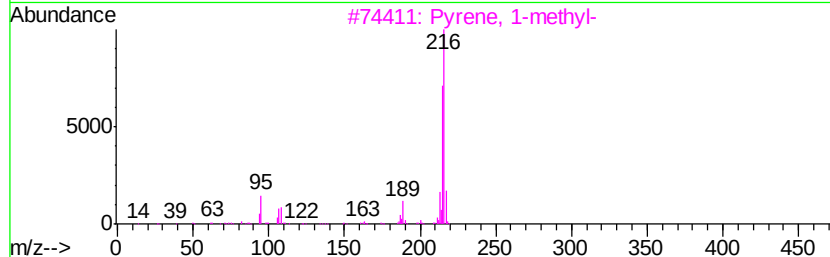
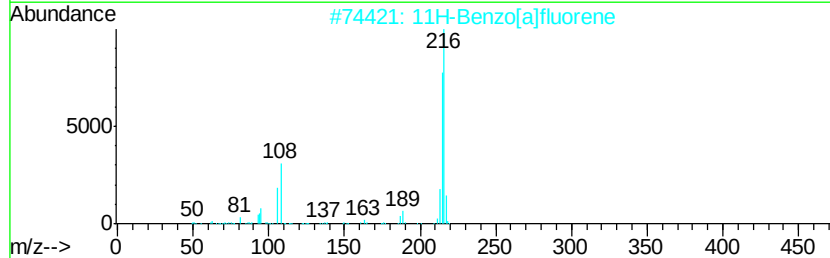
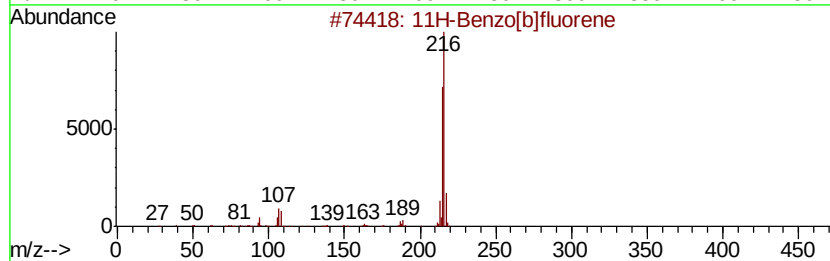
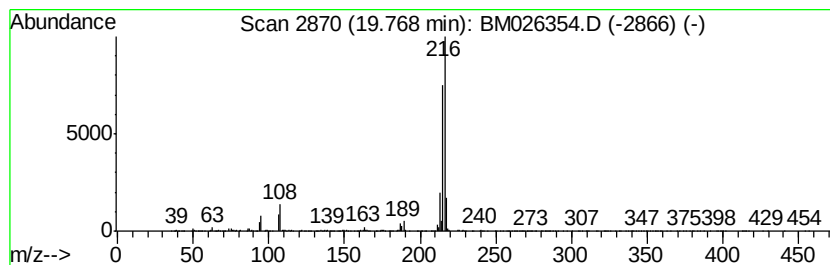
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	4.00 ng	1642760	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
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Sample : L2810-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

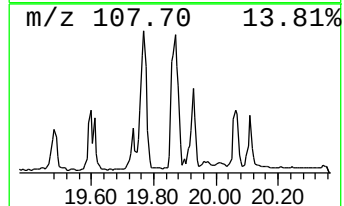
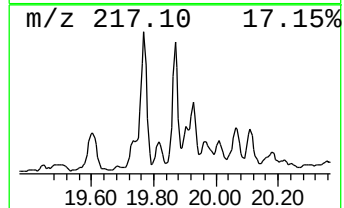
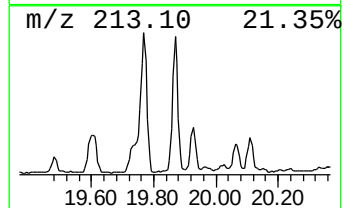
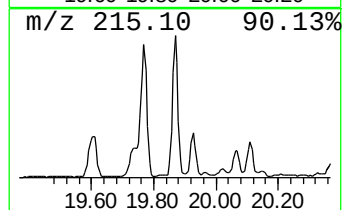
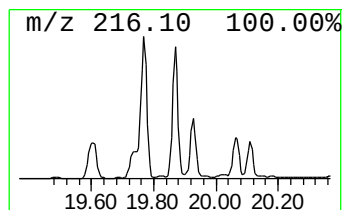
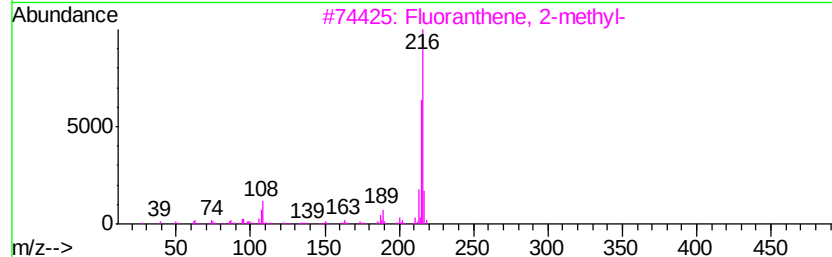
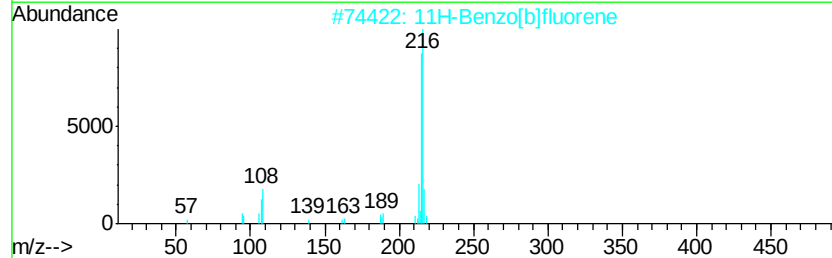
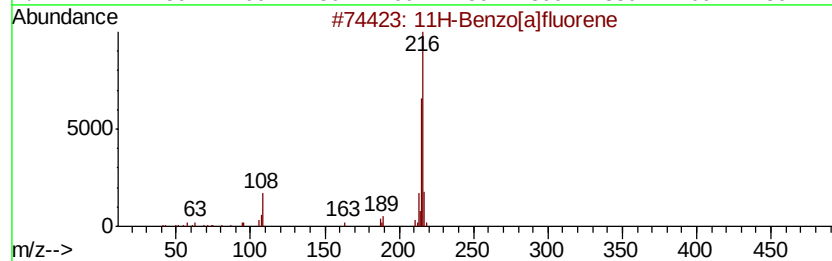
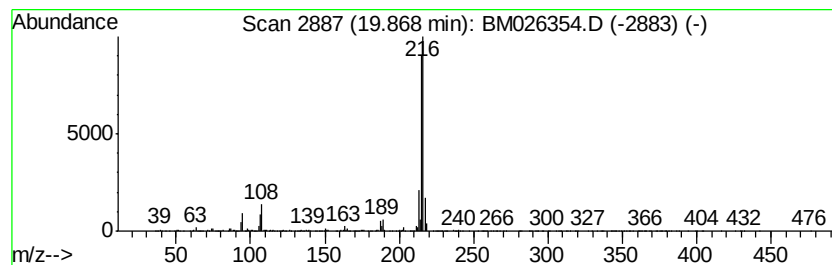
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.87	3.59 ng	1473650	Chrysene-d12	21.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	: 4-((2-Methylphenyl)diazenvyl)-1...	216	C10H12N6	1000332-58-9	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
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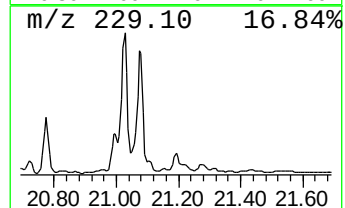
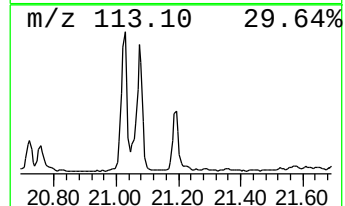
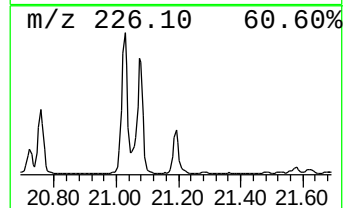
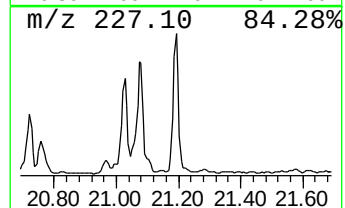
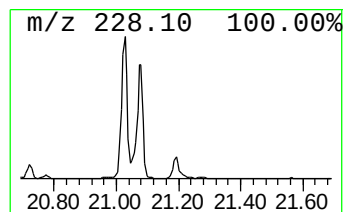
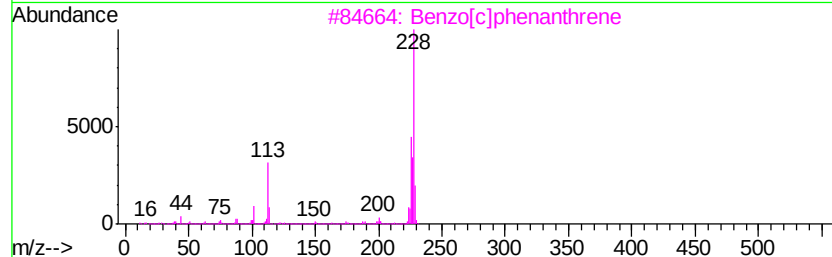
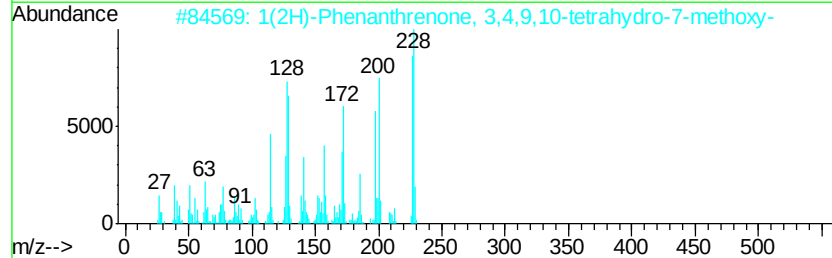
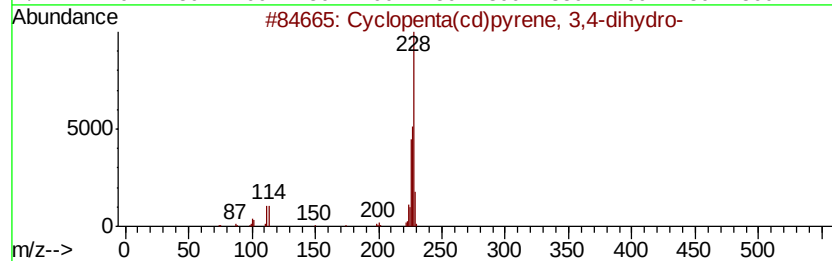
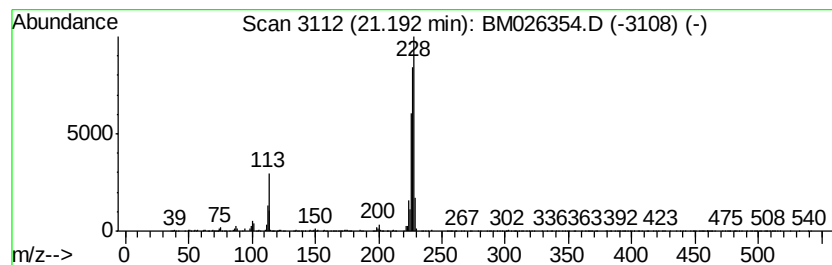
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	2.60 ng	1067590	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2		1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	87
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
4		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026354.D
Acq On : 11 Jun 2020 13:56
Operator : JU/CG
Sample : L2810-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-060920

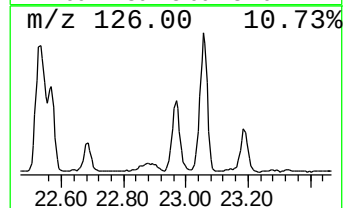
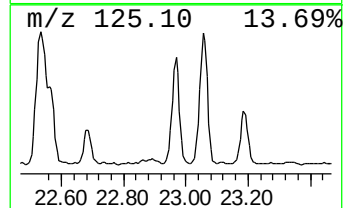
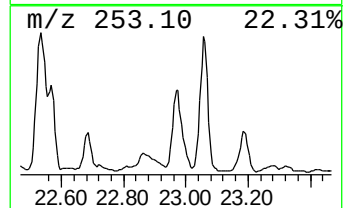
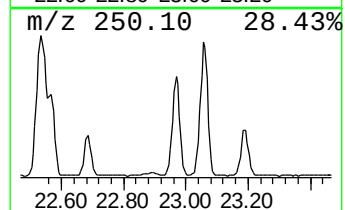
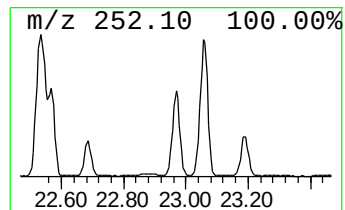
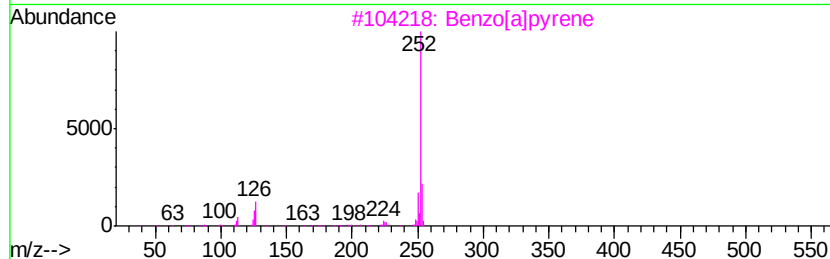
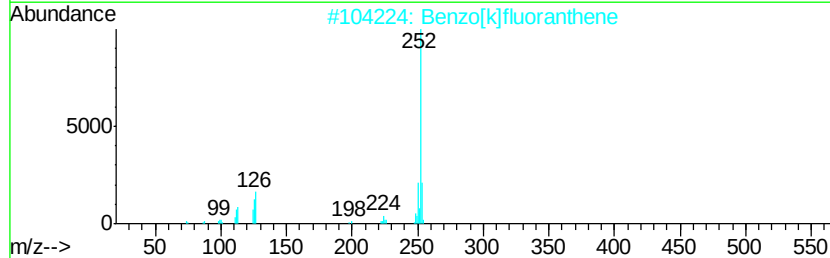
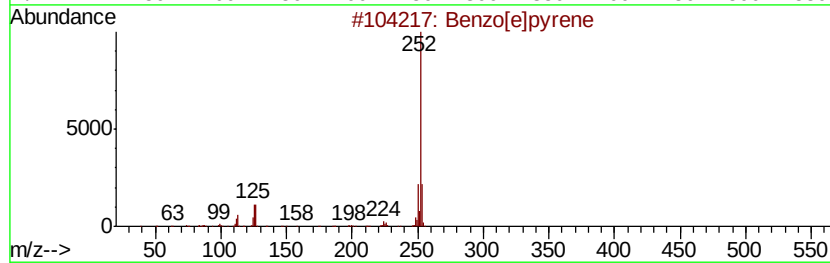
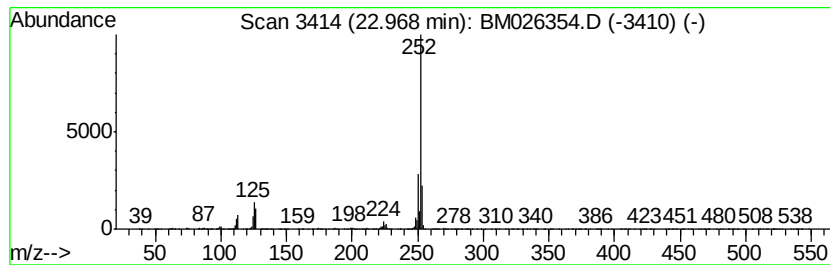
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	25.59 ng	3195240	Perylene-d12	23.14

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061120\
 Data File : BM026354.D
 Acq On : 11 Jun 2020 13:56
 Operator : JU/CG
 Sample : L2810-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-060920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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
Bacchotricuneatin c	15.83	2.7 ng		241608	4	16.83	1773760	20.0
9H-Fluorene, 1-me...	16.14	2.5 ng		223767	4	16.83	1773760	20.0
Dibenzothiophene	16.64	6.1 ng		543023	4	16.83	1773760	20.0
Nonadecane	17.36	3.4 ng		298208	4	16.83	1773760	20.0
Phenanthrene, 4-m...	17.70	7.8 ng		693595	4	16.83	1773760	20.0
Phenanthrene, 1-m...	17.75	11.0 ng		977531	4	16.83	1773760	20.0
1H-Cyclopropa[l]p...	17.83	5.1 ng		452947	4	16.83	1773760	20.0
4H-Cyclopenta[def...	17.90	20.0 ng		1772680	4	16.83	1773760	20.0
Anthracene, 2-met...	17.93	4.7 ng		413970	4	16.83	1773760	20.0
Pentadecane	18.06	2.7 ng		239405	4	16.83	1773760	20.0
Naphthalene, 2-ph...	18.21	5.8 ng		512898	4	16.83	1773760	20.0
9,10-Dimethylanth...	18.64	5.6 ng		496415	4	16.83	1773760	20.0
Heneicosane	18.70	6.8 ng		606664	4	16.83	1773760	20.0
Cyclopenta(def)ph...	18.77	4.0 ng		354316	4	16.83	1773760	20.0
11H-Benzo[b]fluorene	19.77	4.0 ng		1642760	5	21.04	8205340	20.0
11H-Benzo[a]fluorene	19.87	3.6 ng		1473650	5	21.04	8205340	20.0
Cyclopenta(cd)pyr...	21.19	2.6 ng		1067590	5	21.04	8205340	20.0
Benzo[e]pyrene	22.97	25.6 ng		3195240	6	23.14	2497190	20.0