

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
 Data File : BM029058.D
 Acq On : 09 Mar 2021 22:32
 Operator : CG/JU
 Sample : M1601-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BIN-3

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-BM022321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029058.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.240	378	383	396	rBV	179983	259009	55.07%	6.405%
2	6.863	653	659	673	rBV	169577	269788	57.36%	6.672%
3	7.663	790	795	802	rBB	41963	62107	13.21%	1.536%
4	8.839	989	995	1004	rBV	103734	165171	35.12%	4.085%
5	10.457	1262	1270	1276	rBV	51624	81869	17.41%	2.025%
6	12.945	1687	1693	1701	rBB	242992	337229	71.70%	8.339%
7	13.804	1834	1839	1843	rBB	4864	6196	1.32%	0.153%
8	14.333	1924	1929	1935	rBB	70411	97633	20.76%	2.414%
9	14.398	1935	1940	1944	rBB	5473	7837	1.67%	0.194%
10	14.733	1993	1997	2001	rBV2	3874	5683	1.21%	0.141%
11	15.386	2102	2108	2115	rVB	8575	11771	2.50%	0.291%
12	15.833	2179	2184	2191	rVB	172683	230835	49.08%	5.708%
13	17.080	2391	2396	2400	rBV	81953	106747	22.70%	2.640%
14	17.121	2400	2403	2410	rVB	47461	61627	13.10%	1.524%
15	17.210	2414	2418	2423	rVB	19180	24864	5.29%	0.615%
16	17.498	2459	2467	2473	rBV3	3357	6264	1.33%	0.155%
17	17.845	2523	2526	2530	rBV2	3358	5207	1.11%	0.129%
18	17.974	2540	2548	2558	rBV3	33663	65094	13.84%	1.610%
19	18.080	2562	2566	2572	rVV	5728	7929	1.69%	0.196%
20	18.145	2572	2577	2581	rVV3	18715	30214	6.42%	0.747%
21	18.180	2581	2583	2589	rVB	5814	7512	1.60%	0.186%
22	18.257	2591	2596	2600	rBV2	4388	5579	1.19%	0.138%
23	18.451	2623	2629	2634	rBV4	7694	12638	2.69%	0.313%
24	18.715	2669	2674	2678	rBV	19010	24378	5.18%	0.603%
25	18.804	2683	2689	2693	rVB6	4759	8276	1.76%	0.205%
26	18.874	2696	2701	2703	rBV	10303	14629	3.11%	0.362%
27	18.898	2703	2705	2709	rVV2	6194	7438	1.58%	0.184%
28	19.015	2720	2725	2728	rBV4	3639	7367	1.57%	0.182%
29	19.139	2740	2746	2751	rBV	121792	164156	34.90%	4.059%
30	19.256	2760	2766	2771	rBV2	10817	16788	3.57%	0.415%
31	19.415	2790	2793	2796	rVB4	4139	5059	1.08%	0.125%
32	19.498	2798	2807	2816	rBV	104153	186601	39.68%	4.614%
33	19.574	2816	2820	2826	rVB3	8149	12873	2.74%	0.318%
34	19.703	2835	2842	2847	rBV	383171	470317	100.00%	11.631%
35	19.815	2857	2861	2863	rBV2	11196	15455	3.29%	0.382%
36	19.998	2883	2892	2899	rVB3	25992	60235	12.81%	1.490%

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37	20.098	2905	2909	2913	rBV	20626	25615	5.45%	0.633%
38	20.151	2913	2918	2921	rBV2	12616	19886	4.23%	0.492%
39	20.233	2929	2932	2936	rVB6	4286	5712	1.21%	0.141%
40	20.292	2939	2942	2945	rVV2	11131	13478	2.87%	0.333%
41	20.339	2946	2950	2954	rVV2	16310	27510	5.85%	0.680%
42	20.386	2955	2958	2962	rVB5	13853	19049	4.05%	0.471%
43	20.503	2975	2978	2982	rBV	15242	15170	3.23%	0.375%
44	20.609	2994	2996	3001	rVB3	5821	7923	1.68%	0.196%
45	20.745	3017	3019	3023	rBV3	5728	7013	1.49%	0.173%
46	20.880	3040	3042	3043	rBV2	5409	4769	1.01%	0.118%
47	20.903	3043	3046	3050	rVV	15690	22614	4.81%	0.559%
48	20.939	3050	3052	3054	rVV	14985	17031	3.62%	0.421%
49	20.974	3054	3058	3068	rVB4	66858	116281	24.72%	2.876%
50	21.168	3088	3091	3096	rVB	16552	19008	4.04%	0.470%
51	21.256	3099	3106	3109	rVV2	141285	263051	55.93%	6.505%
52	21.292	3109	3112	3121	rVB	59814	84346	17.93%	2.086%
53	21.403	3127	3131	3134	rBV2	30458	37710	8.02%	0.933%
54	21.821	3199	3202	3204	rBV	15177	15205	3.23%	0.376%
55	22.262	3274	3277	3283	rBV2	23295	33322	7.09%	0.824%
56	22.774	3361	3364	3375	rVB	57570	164421	34.96%	4.066%
57	23.227	3439	3441	3446	rVB	28167	37070	7.88%	0.917%
58	23.321	3454	3457	3467	rVB	52762	89562	19.04%	2.215%
59	23.415	3468	3473	3477	rBV2	79171	135691	28.85%	3.356%

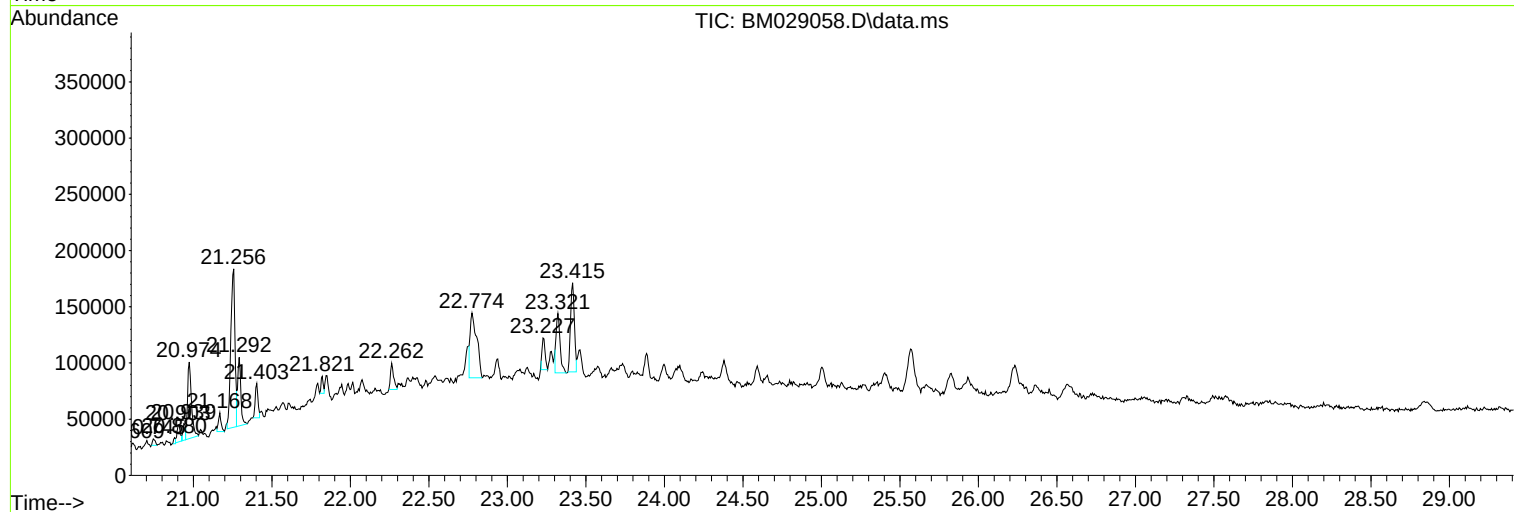
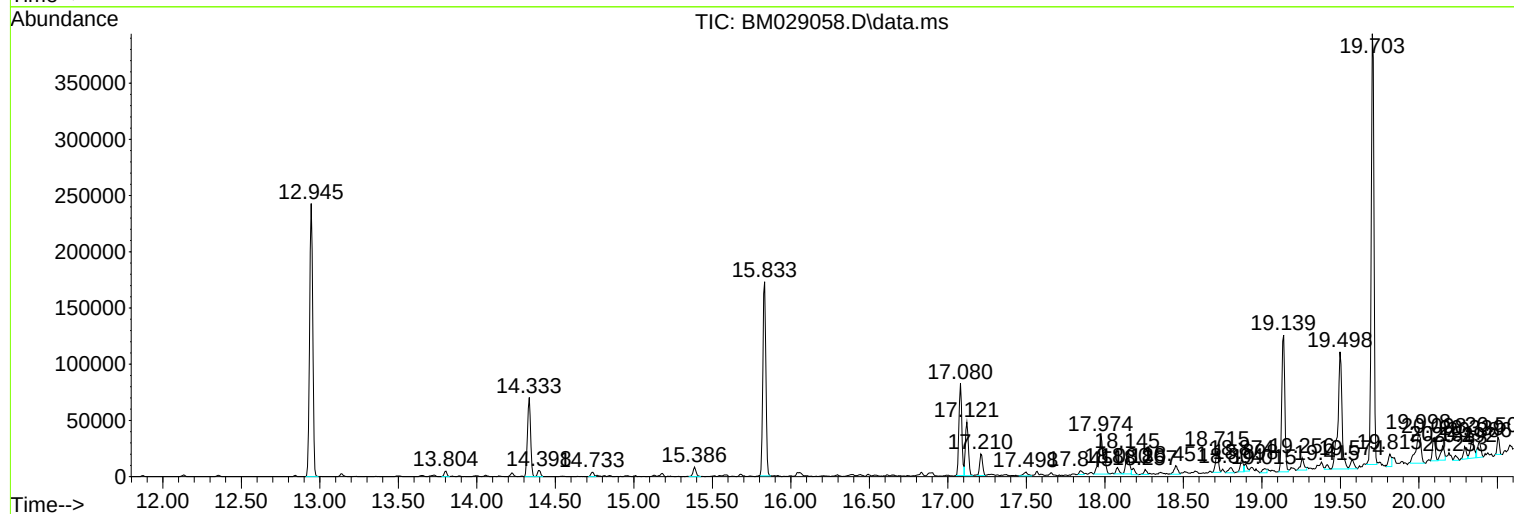
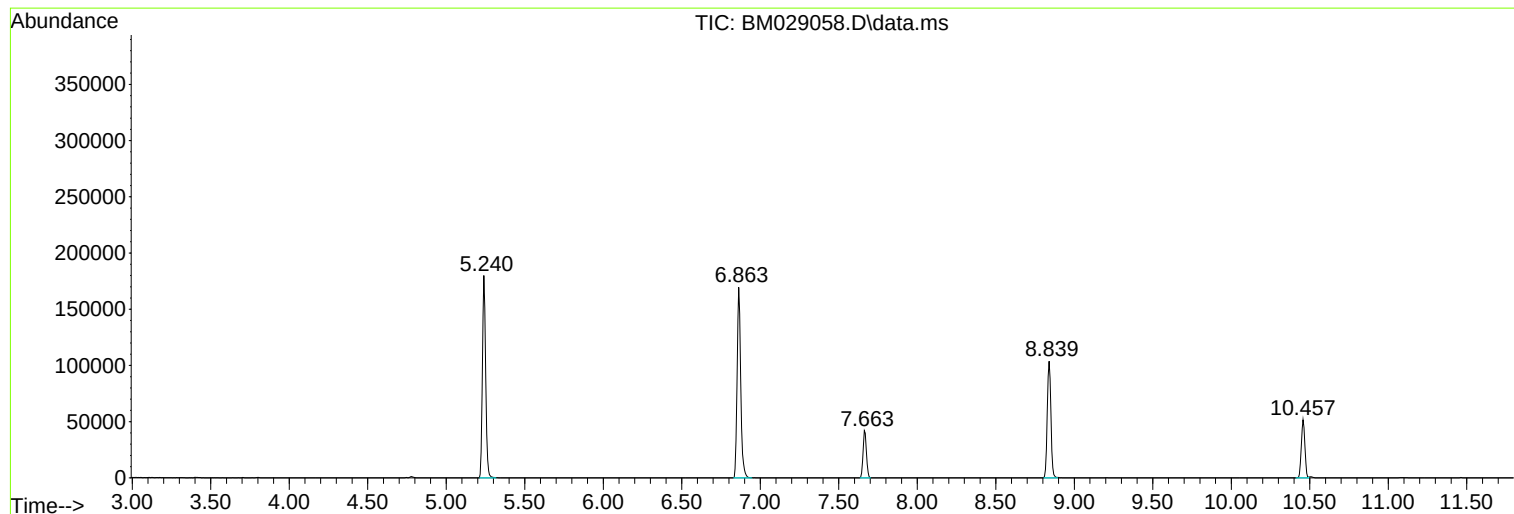
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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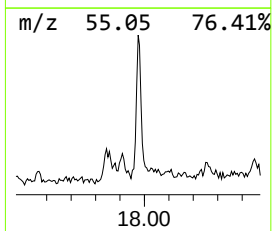
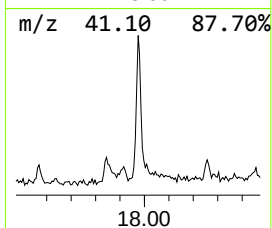
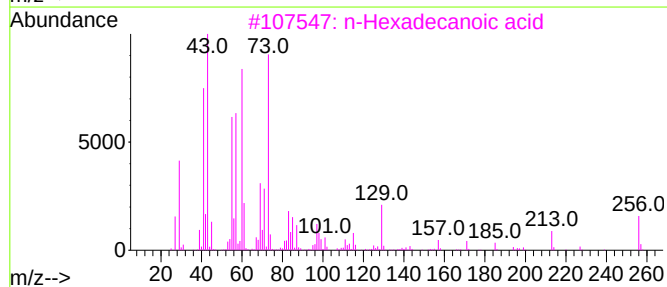
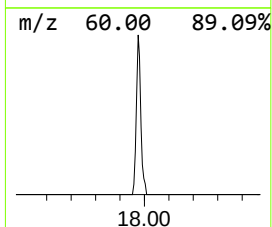
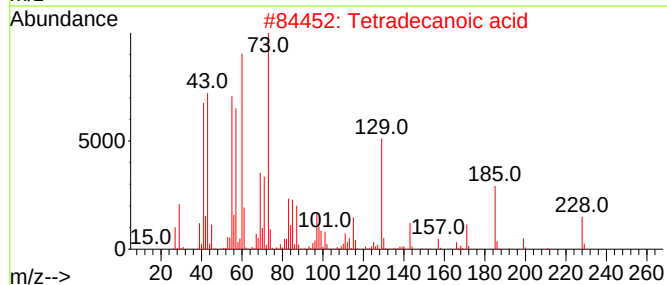
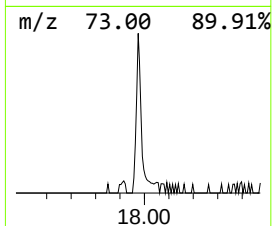
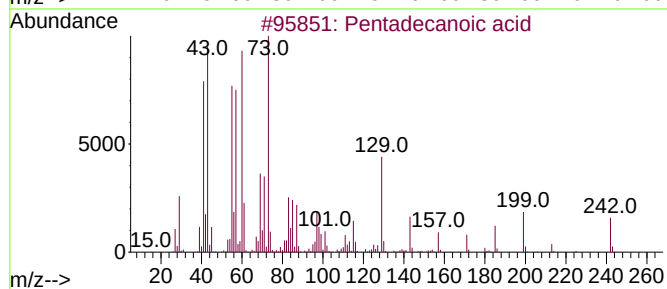
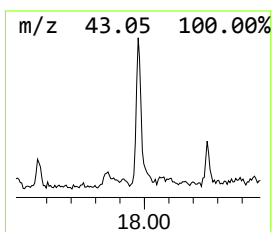
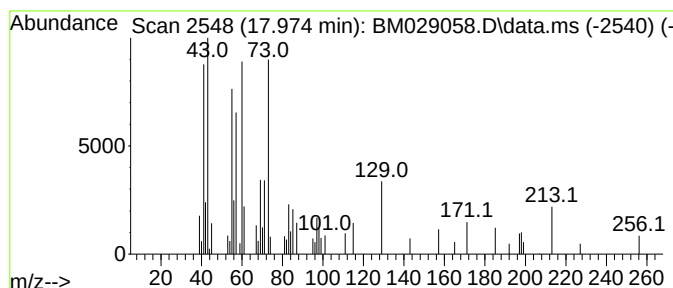
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pentadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	12.20 ng	65094	Phenanthrene-d10	17.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	68
5			Dodecanoic acid	200	C12H24O2	000143-07-7	58



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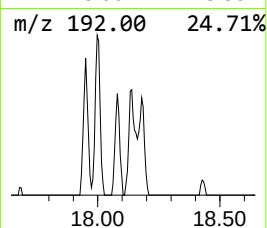
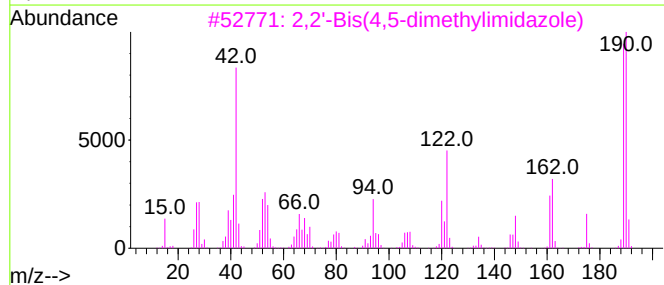
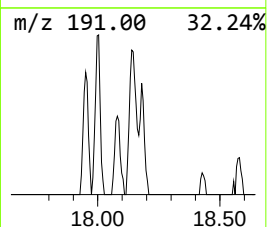
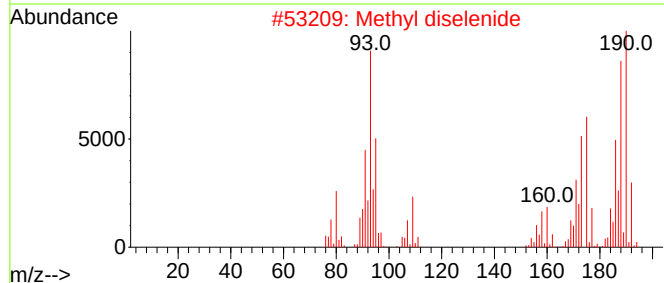
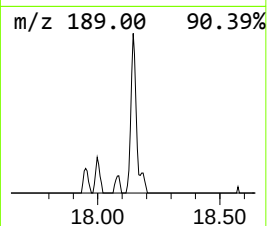
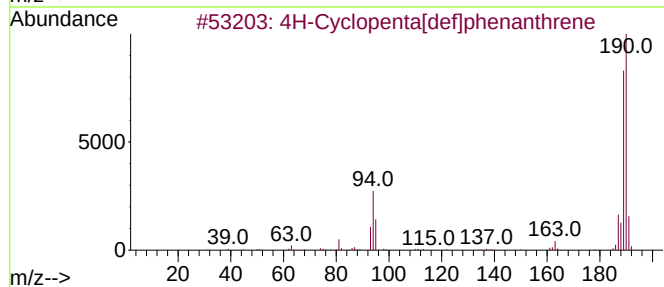
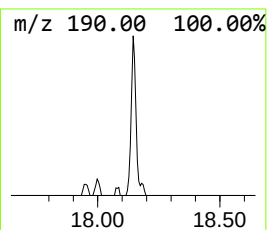
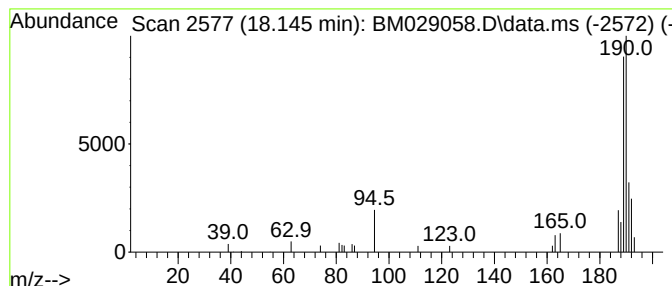
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	5.66 ng	30214	Phenanthrene-d10	17.080

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2		Methyl diselenide	190	C2H6Se2	007101-31-7	46
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17
5		2-Ethylthio-5-chloro-pyrimidin-4...	190	C6H7ClN2OS	106146-79-6	12



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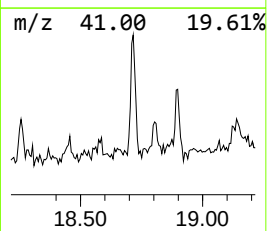
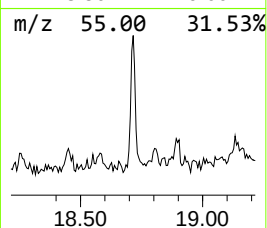
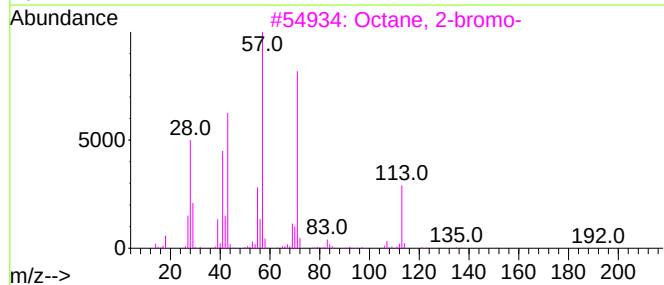
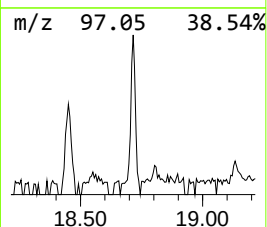
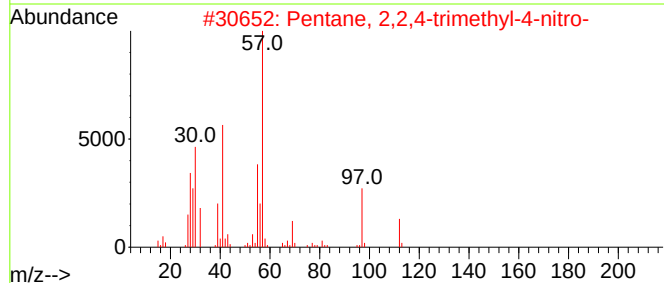
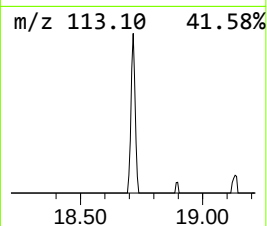
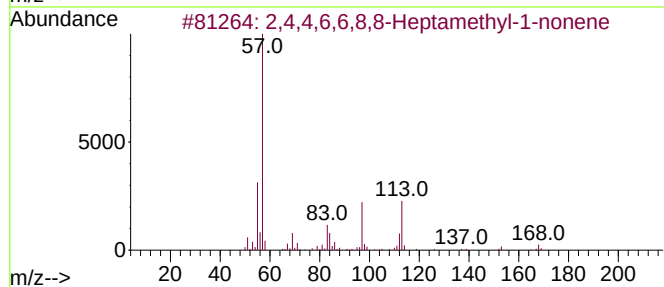
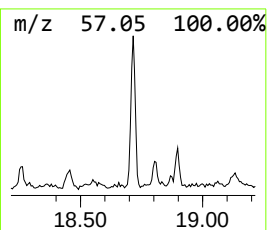
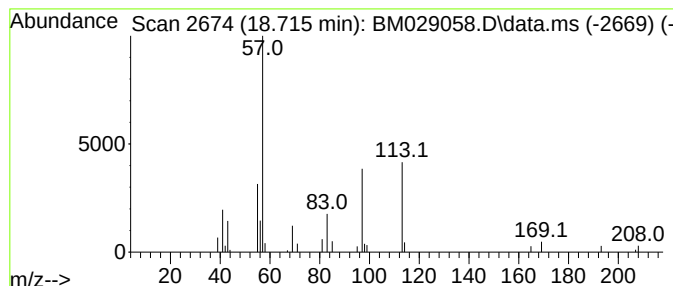
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Peak Number 4 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	4.57 ng	24378	Phenanthrene-d10	17.080

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	74	
2	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	43	
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	43	
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	38	
5	Octane, 2-iodo-	240	C8H17I	000557-36-8	37	



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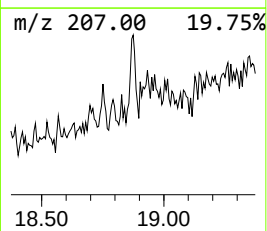
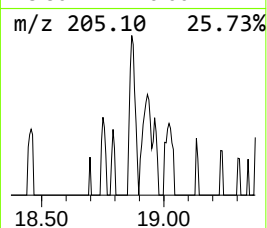
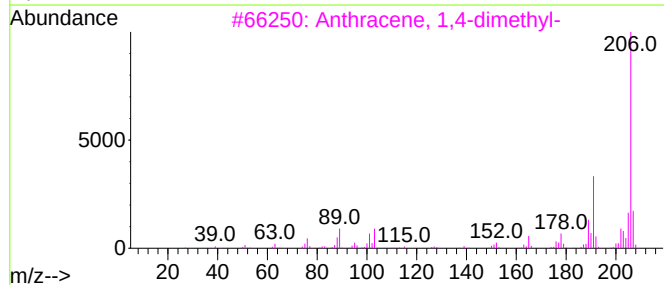
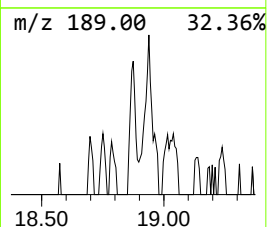
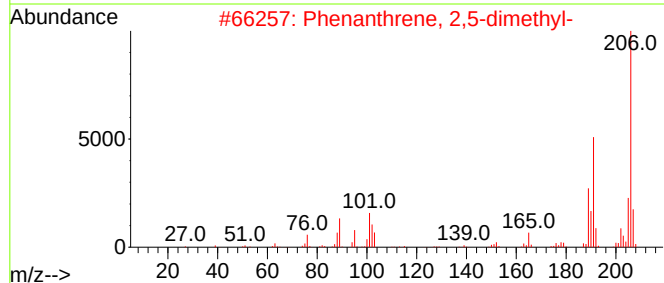
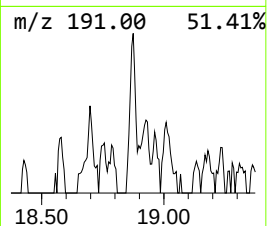
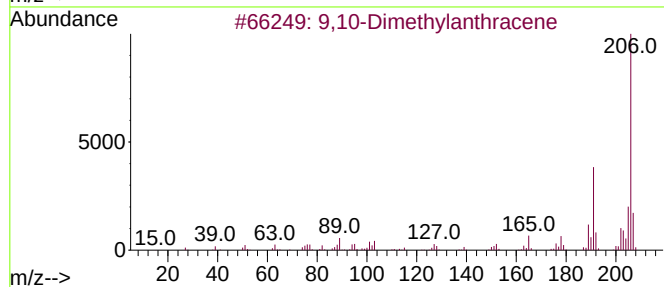
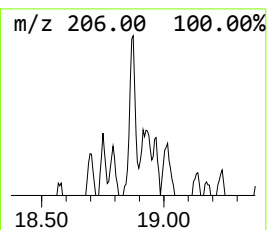
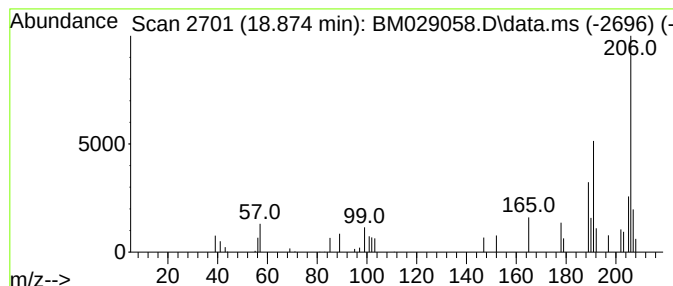
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.874	2.74 ng	14629	Phenanthrene-d10	17.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	93		
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91		
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90		
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90		
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87		



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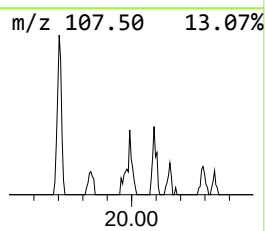
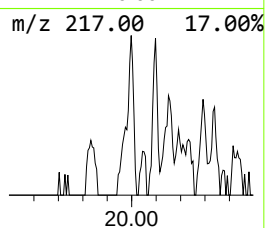
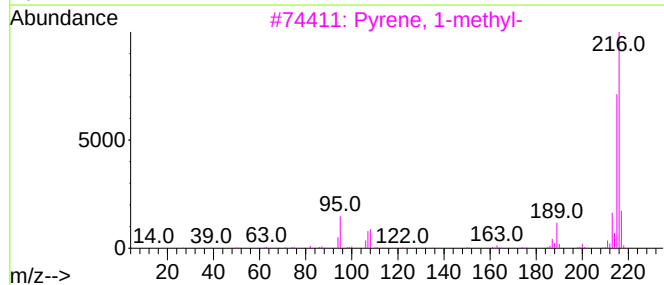
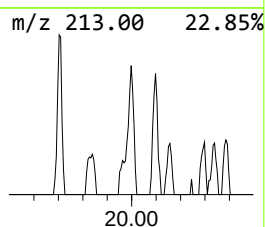
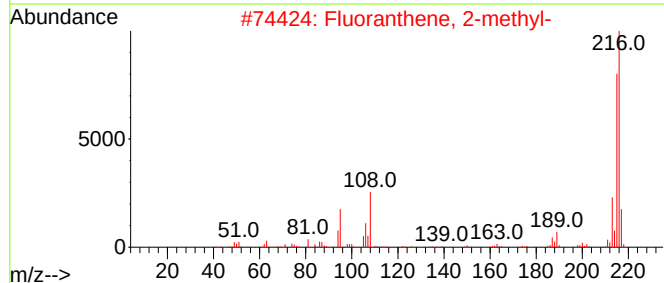
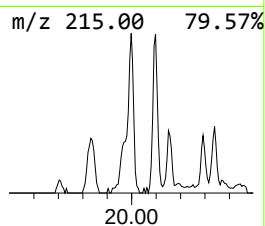
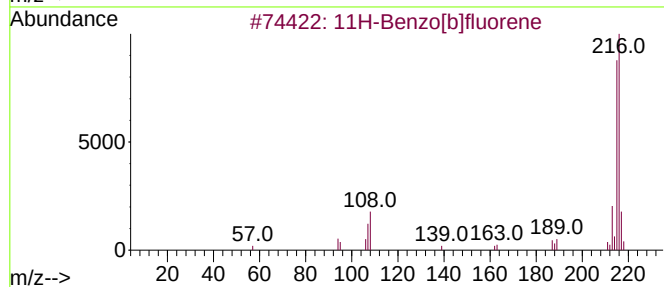
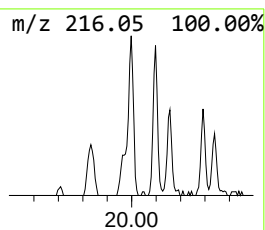
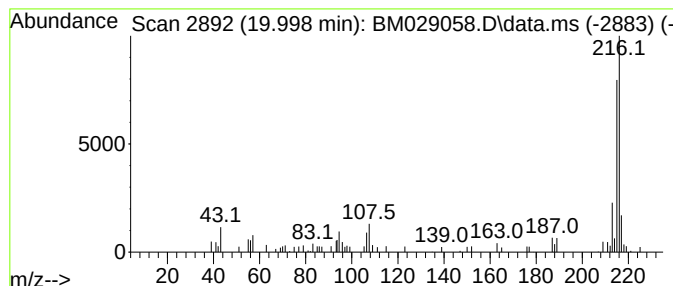
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.998	4.58 ng	60235	Chrysene-d12	21.256

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029058.D
Acq On : 09 Mar 2021 22:32
Operator : CG/JU
Sample : M1601-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BIN-3

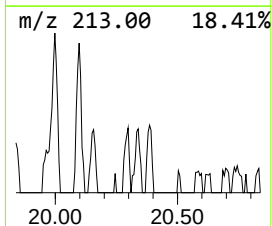
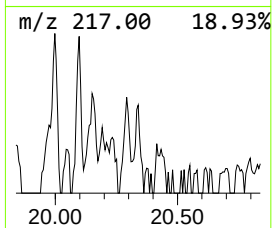
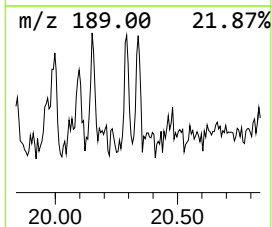
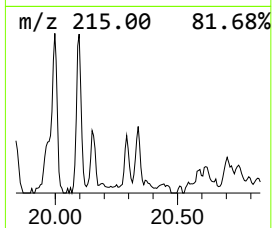
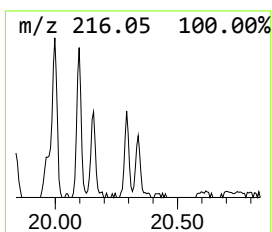
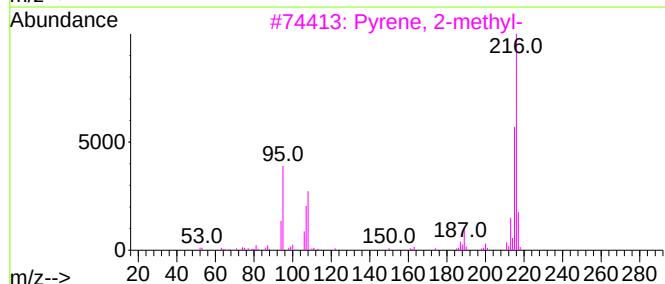
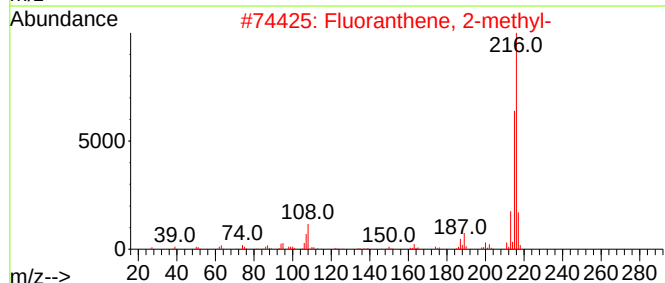
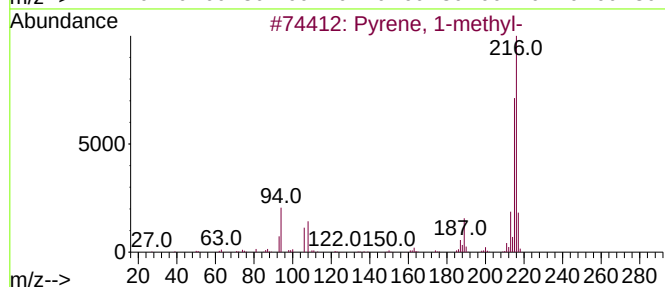
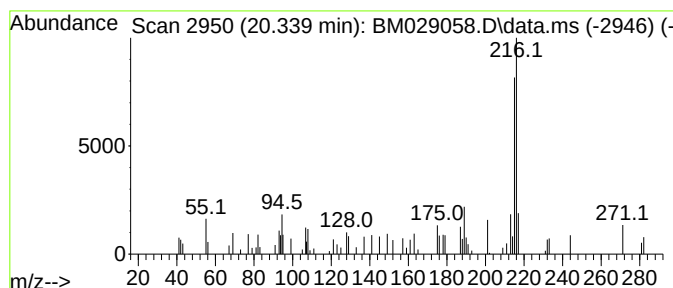
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.339	2.09 ng	27510	Chrysene-d12	21.256

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	59
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
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Acq On : 09 Mar 2021 22:32
Operator : CG/JU
Sample : M1601-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

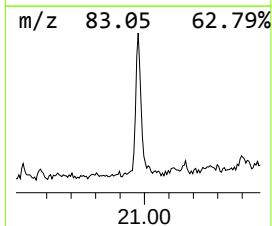
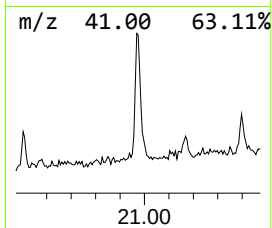
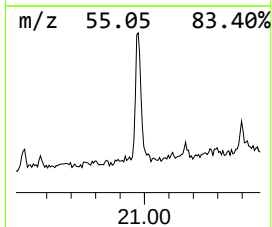
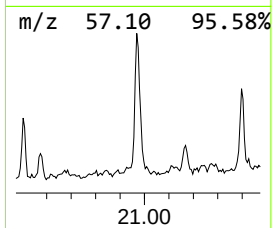
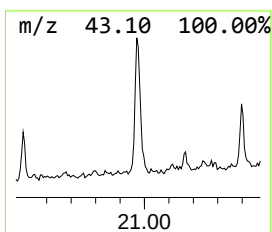
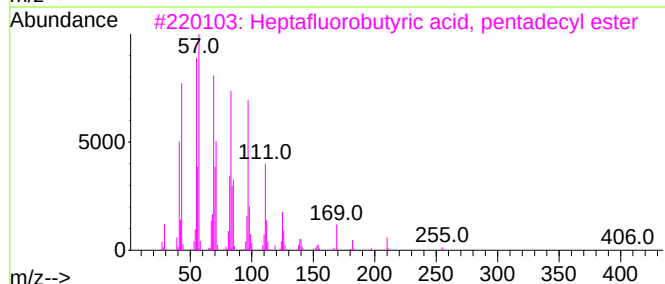
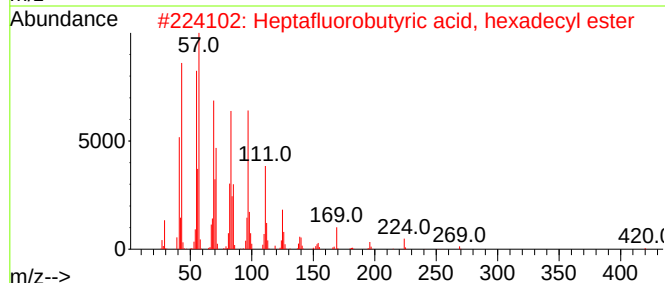
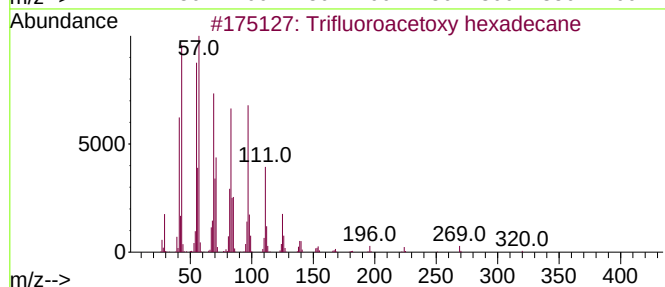
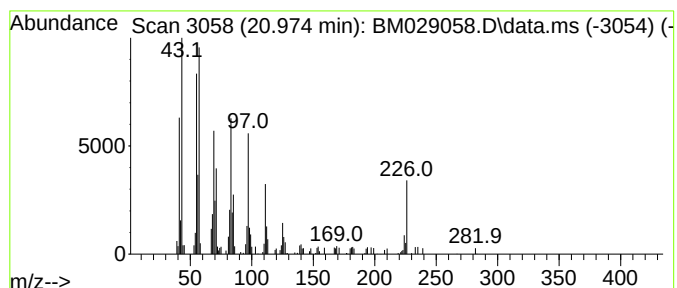
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.974	8.84 ng	116281	Chrysene-d12	21.256	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Cyclohexadecane	224	C16H32	000295-65-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029058.D
Acq On : 09 Mar 2021 22:32
Operator : CG/JU
Sample : M1601-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BIN-3

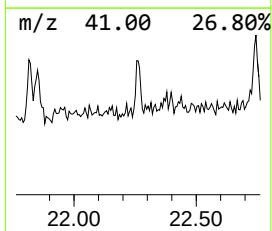
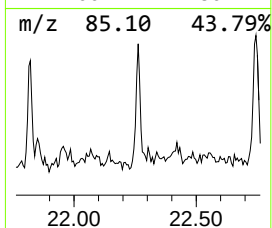
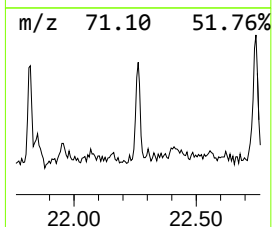
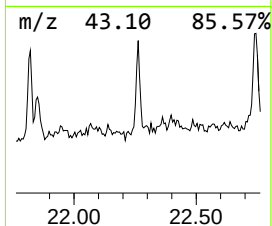
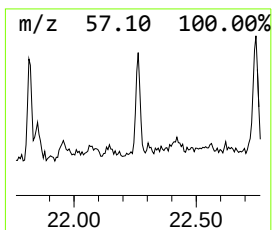
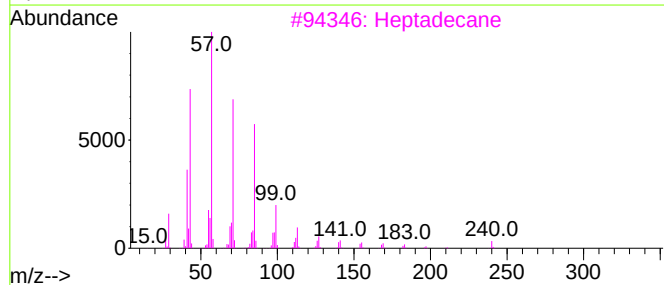
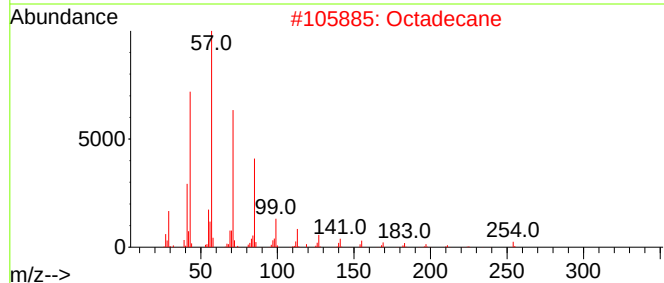
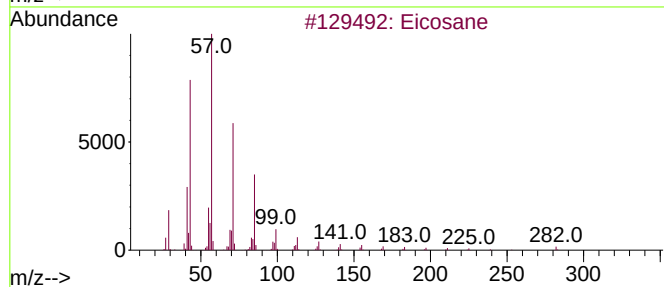
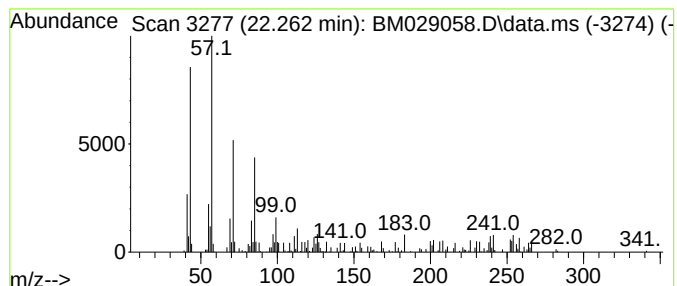
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.262	2.53 ng	33322	Chrysene-d12	21.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	86
2			Octadecane	254	C18H38	000593-45-3	70
3			Heptadecane	240	C17H36	000629-78-7	64
4			Octacosane	394	C28H58	000630-02-4	64
5			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029058.D
Acq On : 09 Mar 2021 22:32
Operator : CG/JU
Sample : M1601-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

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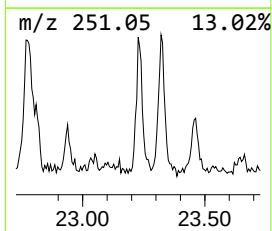
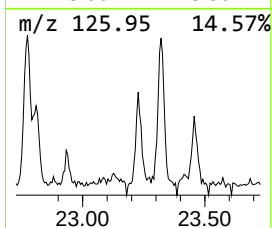
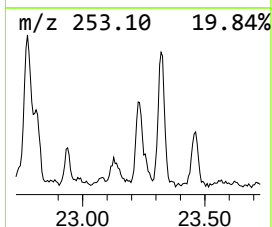
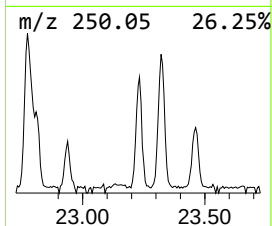
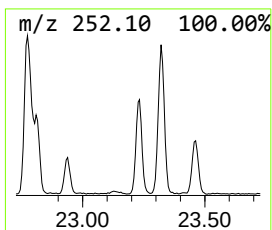
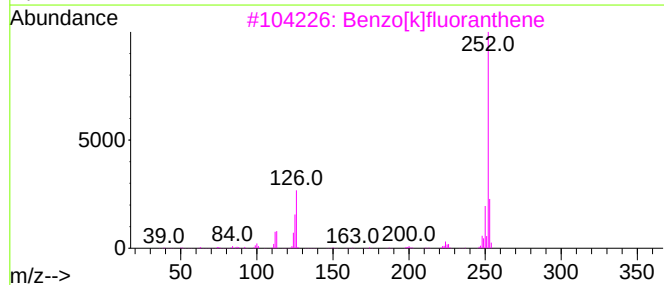
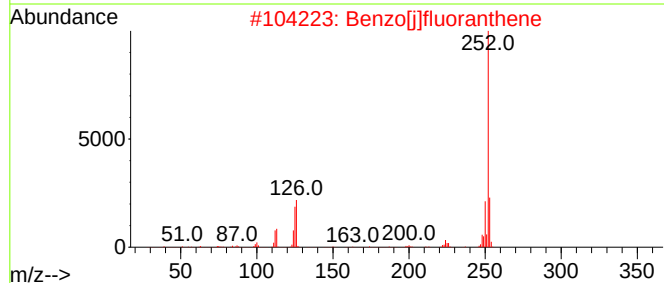
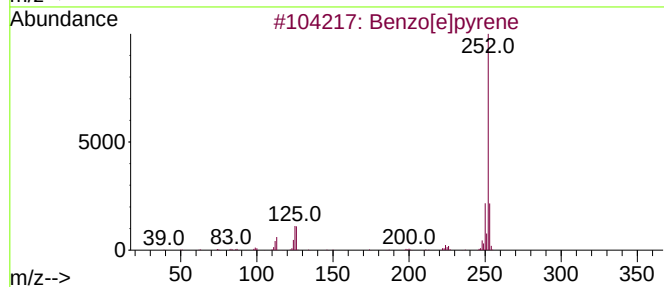
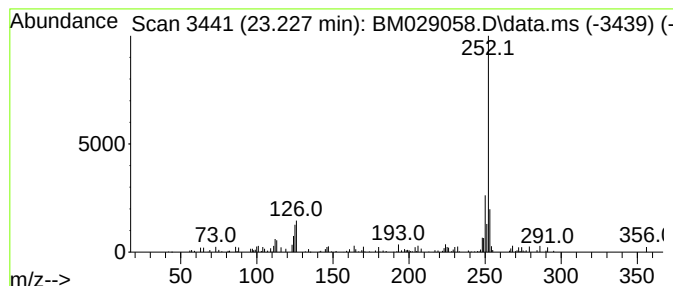
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.227	5.46 ng	37070	Perylene-d12	23.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029058.D
Acq On : 09 Mar 2021 22:32
Operator : CG/JU
Sample : M1601-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.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
Pentadecanoic acid	17.974	12.2	ng	65094	4	17.080	106747	20.0
4H-Cyclopenta[d...]	18.145	5.7	ng	30214	4	17.080	106747	20.0
unknown18.451	18.451	2.4	ng	12638	4	17.080	106747	20.0
2,4,4,6,6,8,8-H...	18.715	4.6	ng	24378	4	17.080	106747	20.0
9,10-Dimethylan...	18.874	2.7	ng	14629	4	17.080	106747	20.0
11H-Benzo[b]flu...	19.998	4.6	ng	60235	5	21.256	263051	20.0
Pyrene, 1-methyl-	20.339	2.1	ng	27510	5	21.256	263051	20.0
Trifluoroacetox...	20.974	8.8	ng	116281	5	21.256	263051	20.0
unknown21.403	21.403	2.9	ng	37710	5	21.256	263051	20.0
Eicosane	22.262	2.5	ng	33322	5	21.256	263051	20.0
Benzo[e]pyrene	23.227	5.5	ng	37070	6	23.415	135691	20.0