

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
 Data File : BP013947.D
 Acq On : 03 Mar 2023 17:32
 Operator : CG/JU
 Sample : 01767-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CE-45-030123

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_P\Methods\8270E-BP021623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013947.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.169	330	337	348	rVB	681988	956956	12.23%	0.964%
2	5.640	410	417	427	rBV	1681275	2469116	31.55%	2.487%
3	7.252	683	691	710	rBV	1555610	2441153	31.19%	2.459%
4	8.099	825	835	843	rBV	450424	706920	9.03%	0.712%
5	9.275	1027	1035	1041	rBV	973740	1568752	20.04%	1.580%
6	10.928	1310	1316	1322	rVB	489977	820508	10.48%	0.827%
7	12.316	1545	1552	1559	rBV2	72886	120151	1.54%	0.121%
8	13.363	1723	1730	1741	rBV	2259992	3276315	41.86%	3.300%
9	13.545	1756	1761	1770	rVB	111902	164108	2.10%	0.165%
10	14.198	1862	1872	1876	rBV4	44435	94375	1.21%	0.095%
11	14.616	1939	1943	1951	rVB	143930	193829	2.48%	0.195%
12	14.739	1951	1964	1970	rBV	759501	1178755	15.06%	1.187%
13	14.804	1970	1975	1980	rVB	92808	145007	1.85%	0.146%
14	15.134	2025	2031	2036	rBV3	60632	107545	1.37%	0.108%
15	15.563	2100	2104	2109	rVB	164142	216701	2.77%	0.218%
16	15.787	2136	2142	2153	rVB3	82705	162826	2.08%	0.164%
17	16.086	2187	2193	2202	rVB2	84601	191921	2.45%	0.193%
18	16.228	2211	2217	2225	rVB	2154835	3112849	39.77%	3.136%
19	16.428	2247	2251	2254	rBV	171148	236718	3.02%	0.238%
20	17.016	2344	2351	2355	rBV4	71892	173655	2.22%	0.175%
21	17.145	2369	2373	2379	rVB3	74359	111114	1.42%	0.112%
22	17.228	2381	2387	2391	rBV2	208371	295054	3.77%	0.297%
23	17.310	2398	2401	2408	rVB	94544	154195	1.97%	0.155%
24	17.492	2426	2432	2436	rBV	982323	1486589	18.99%	1.498%
25	17.539	2436	2440	2446	rVB	1838532	2559494	32.70%	2.578%
26	17.628	2449	2455	2460	rBV	543709	730202	9.33%	0.736%
27	17.892	2496	2500	2503	rBV2	65197	96393	1.23%	0.097%
28	17.963	2508	2512	2516	rVV2	171515	206022	2.63%	0.208%
29	18.004	2516	2519	2523	rVV	87846	115401	1.47%	0.116%
30	18.069	2526	2530	2537	rVB2	59259	104441	1.33%	0.105%
31	18.351	2573	2578	2582	rBV	1207125	1578792	20.17%	1.590%
32	18.398	2582	2586	2592	rVV	526668	773450	9.88%	0.779%
33	18.475	2595	2599	2604	rVV	244465	357034	4.56%	0.360%
34	18.545	2604	2611	2614	rVV2	535631	1045359	13.36%	1.053%
35	18.575	2614	2616	2621	rVB	282390	312081	3.99%	0.314%
36	18.628	2621	2625	2631	rBV2	166673	245838	3.14%	0.248%

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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_P\Methods\8270E-BP021623.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.828	2655	2659	2663	rBV	331813	428155	5.47%	0.431%
38	18.875	2663	2667	2675	rVB3	161765	230217	2.94%	0.232%
39	19.063	2696	2699	2704	rVB2	139681	175489	2.24%	0.177%
40	19.116	2704	2708	2711	rVV	109797	134566	1.72%	0.136%
41	19.151	2711	2714	2718	rVB2	98381	120282	1.54%	0.121%
42	19.233	2723	2728	2731	rBV2	419579	627818	8.02%	0.632%
43	19.375	2747	2752	2759	rBV2	310236	542349	6.93%	0.546%
44	19.439	2759	2763	2765	rBV3	131372	172110	2.20%	0.173%
45	19.492	2765	2772	2777	rVV	5741883	7826215	100.00%	7.884%
46	19.545	2778	2781	2783	rVV	77402	88975	1.14%	0.090%
47	19.575	2783	2786	2793	rVV2	486032	657251	8.40%	0.662%
48	19.727	2807	2812	2820	rVV3	211961	372271	4.76%	0.375%
49	19.810	2820	2826	2828	rVV2	835800	1397821	17.86%	1.408%
50	19.845	2828	2832	2838	rVV	5406444	7247162	92.60%	7.301%
51	19.904	2838	2842	2848	rVB2	277552	437940	5.60%	0.441%
52	20.027	2857	2863	2868	rBV	4270852	5114702	65.35%	5.152%
53	20.169	2879	2887	2891	rBV4	398901	977136	12.49%	0.984%
54	20.316	2901	2912	2917	rBV2	712977	1605056	20.51%	1.617%
55	20.416	2925	2929	2932	rBV	370618	448453	5.73%	0.452%
56	20.474	2933	2939	2943	rVV2	529127	867539	11.09%	0.874%
57	20.510	2943	2945	2948	rVB	153453	147687	1.89%	0.149%
58	20.551	2948	2952	2957	rVB2	706125	845124	10.80%	0.851%
59	20.610	2959	2962	2966	rBV	325962	442283	5.65%	0.446%
60	20.657	2967	2970	2974	rVB2	280252	323767	4.14%	0.326%
61	20.751	2982	2986	2987	rBV3	134508	178403	2.28%	0.180%
62	21.051	3033	3037	3041	rBV	470658	608401	7.77%	0.613%
63	21.216	3059	3065	3067	rBV2	464394	742766	9.49%	0.748%
64	21.245	3067	3070	3074	rVV2	915527	1269473	16.22%	1.279%
65	21.292	3074	3078	3082	rVV2	576171	883381	11.29%	0.890%
66	21.339	3082	3086	3097	rVB2	505734	834092	10.66%	0.840%
67	21.557	3118	3123	3130	rBV2	3249196	6567736	83.92%	6.616%
68	21.616	3130	3133	3143	rVB	2580348	3514604	44.91%	3.541%
69	21.698	3144	3147	3150	rVB4	183717	212015	2.71%	0.214%
70	21.745	3151	3155	3161	rVB	469467	686179	8.77%	0.691%
71	21.916	3180	3184	3189	rVB2	280272	456859	5.84%	0.460%
72	22.174	3225	3228	3233	rVB	458291	623956	7.97%	0.629%
73	22.398	3264	3266	3270	rBV	146921	202035	2.58%	0.204%
74	23.351	3421	3428	3433	rBV	2167608	5423207	69.30%	5.463%
75	23.539	3456	3460	3467	rVB	442058	810691	10.36%	0.817%
76	23.904	3516	3522	3531	rVB	1334347	2849767	36.41%	2.871%

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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_P\Methods\8270E-BP021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.021	3535	3542	3550	rVB	2042950	4226499	54.00%	4.258%
78	24.127	3555	3560	3566	rVV2	864883	1963623	25.09%	1.978%
79	24.192	3566	3571	3579	rVB2	628027	1403951	17.94%	1.414%
80	26.827	4010	4019	4032	rVB3	1007171	3328007	42.52%	3.353%
81	27.656	4152	4160	4178	rVB2	769834	2742905	35.05%	2.763%

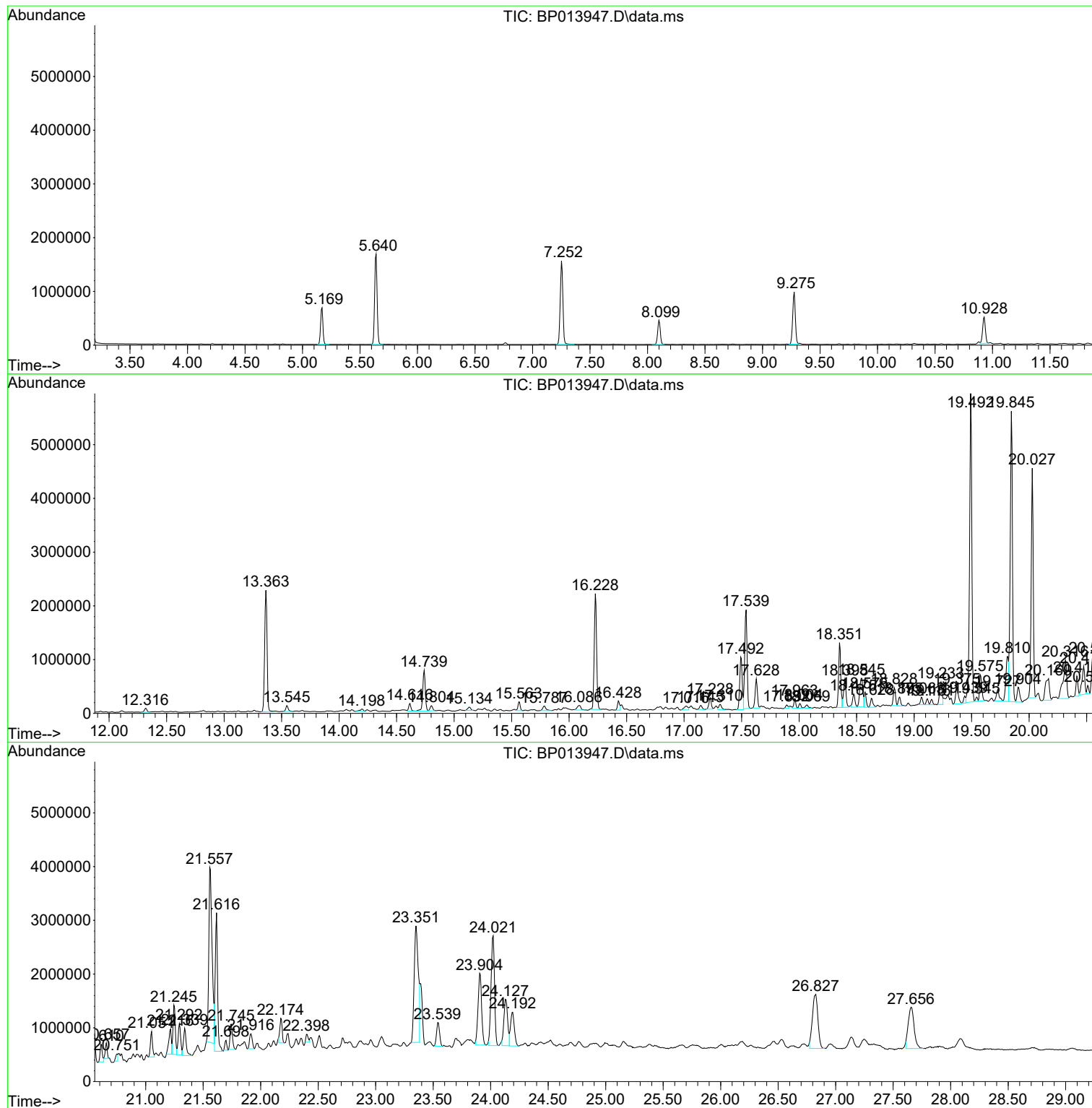
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : 01767-03
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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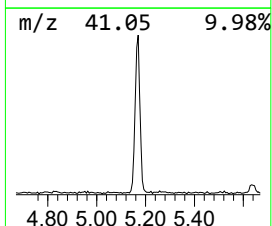
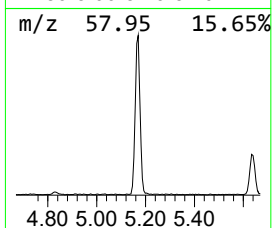
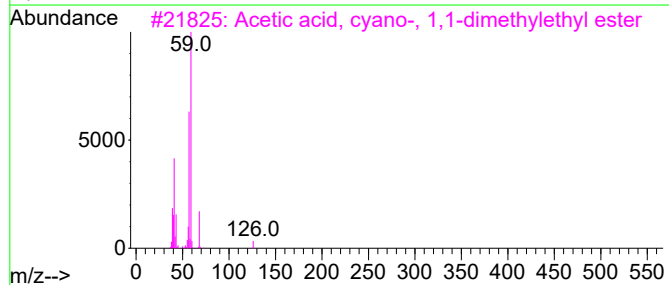
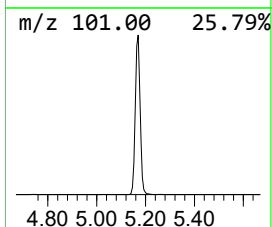
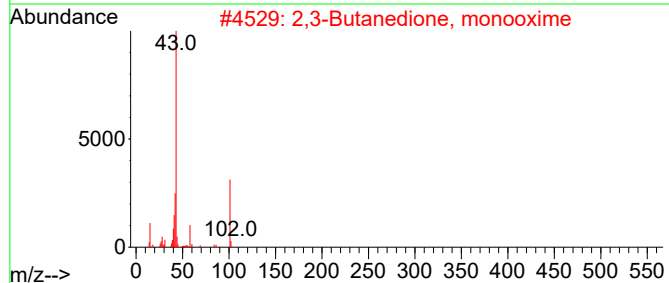
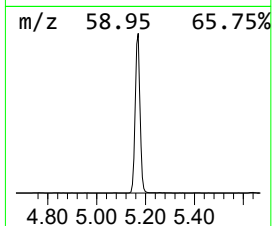
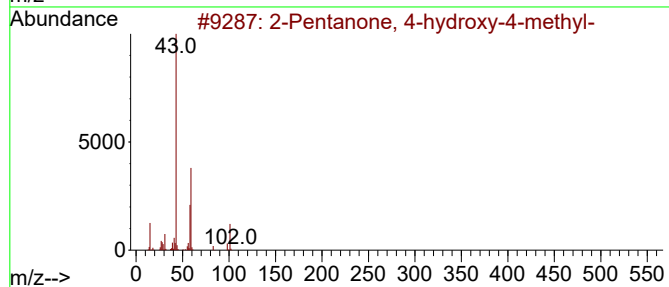
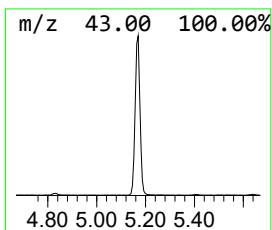
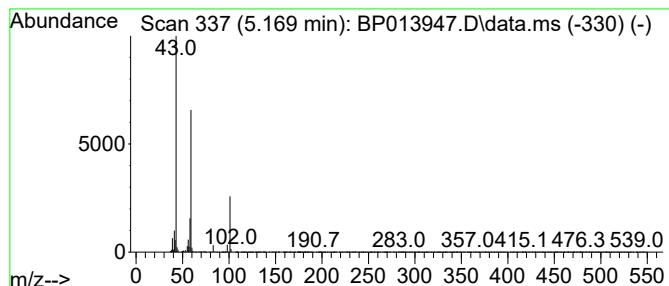
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.169	27.07 ng	956956	1,4-Dichlorobenzene-d4	8.099

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	Acetone	58	C3H6O	000067-64-1	10		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		



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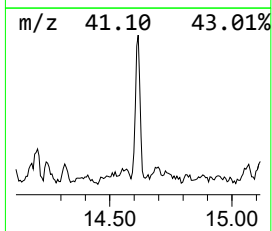
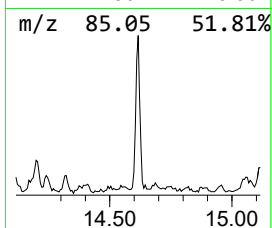
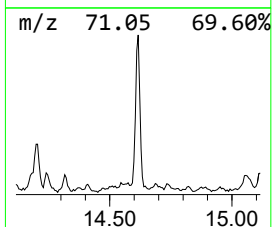
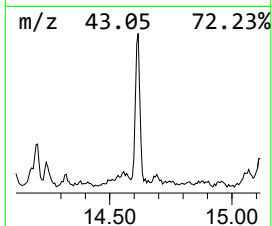
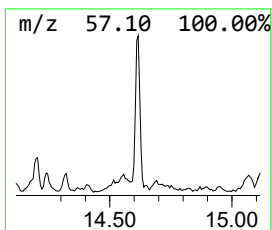
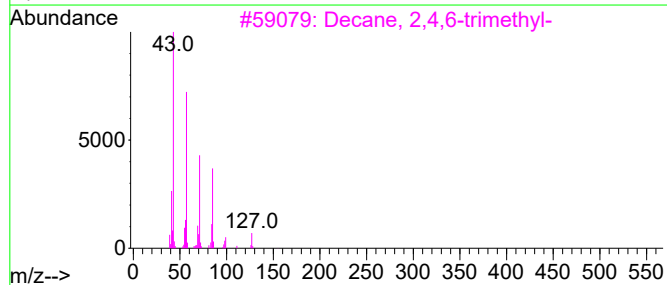
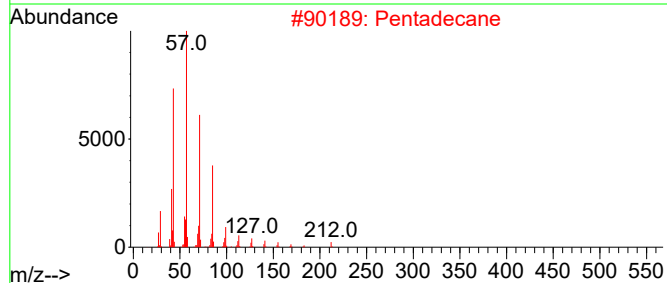
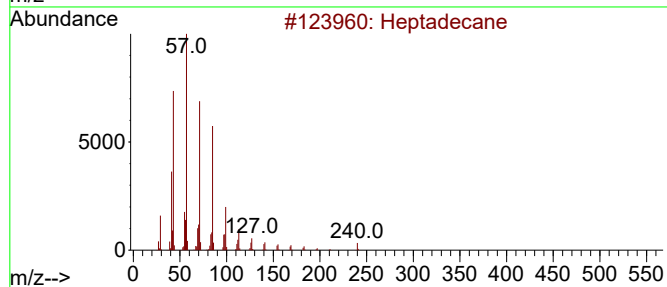
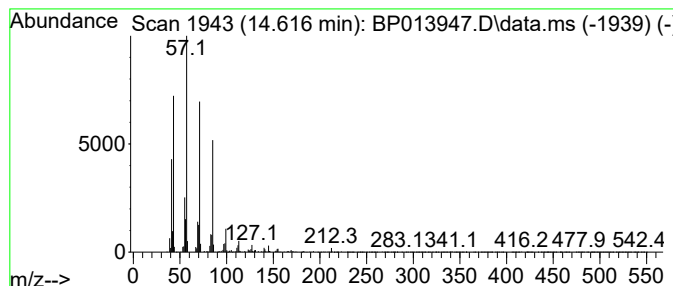
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.616	3.29 ng	193829	Acenaphthene-d10	14.740

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Pentadecane	212	C15H32	000629-62-9	89
3			Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	86
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



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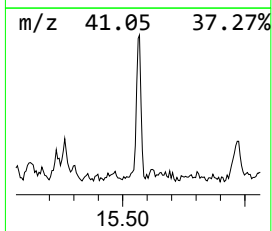
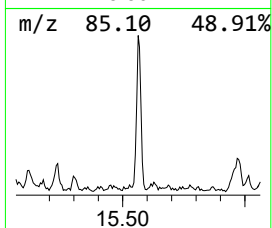
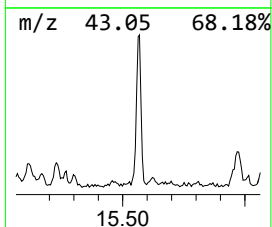
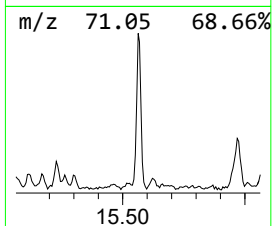
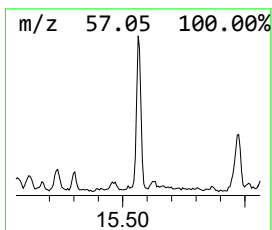
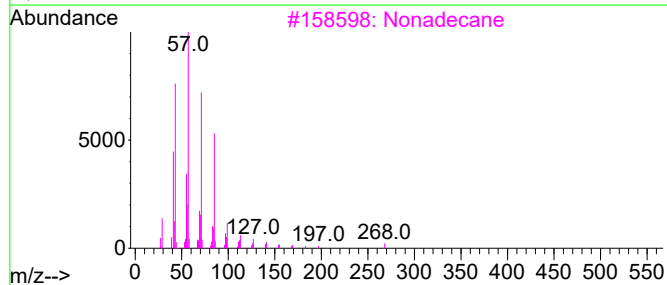
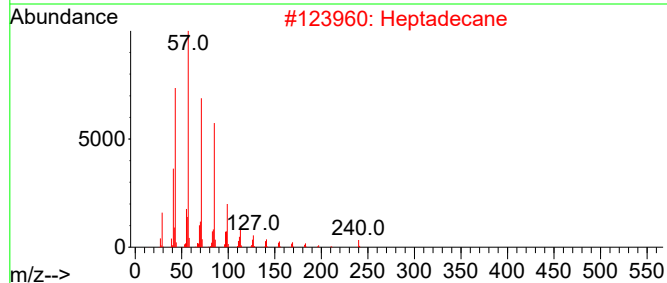
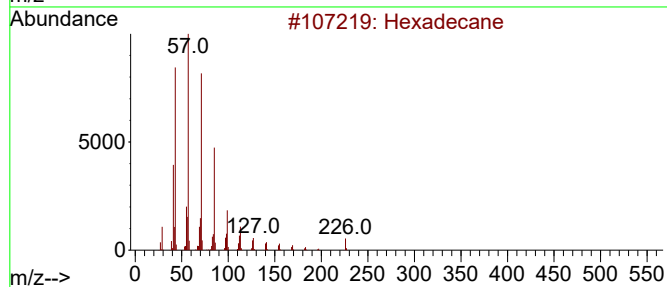
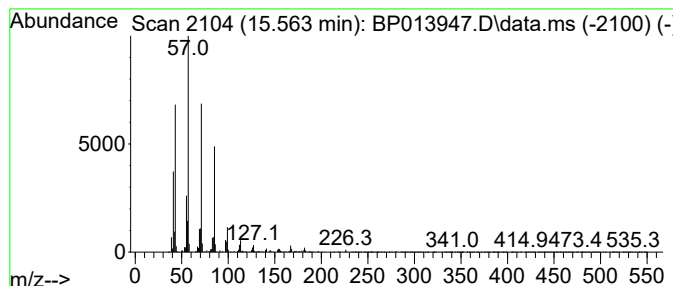
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.563	3.68 ng	216701	Acenaphthene-d10	14.740	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	91
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



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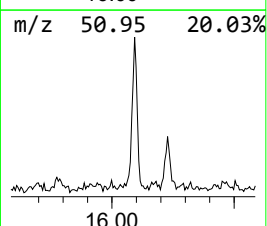
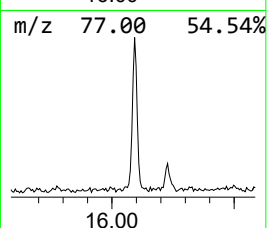
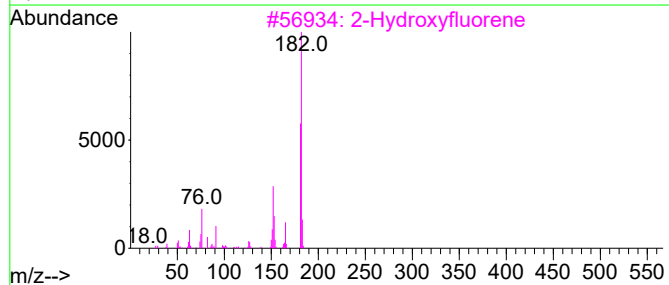
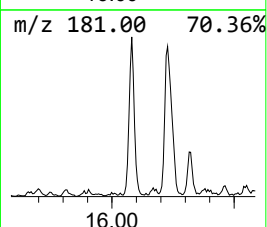
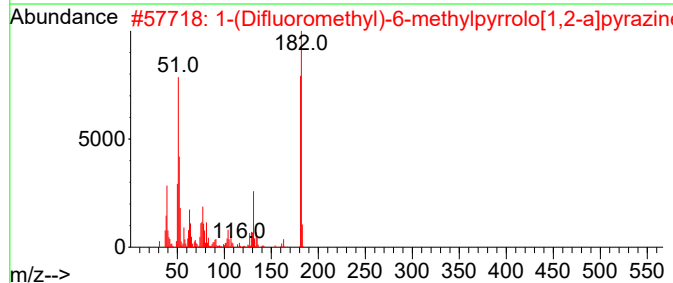
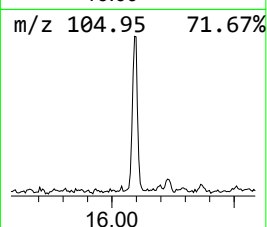
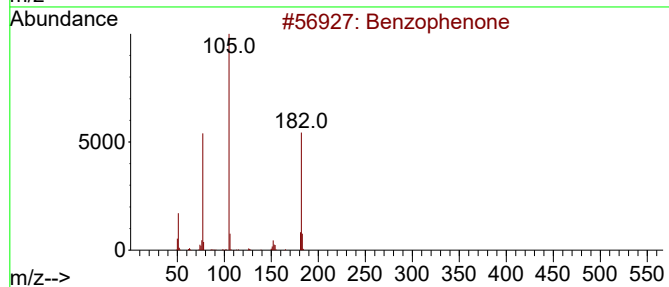
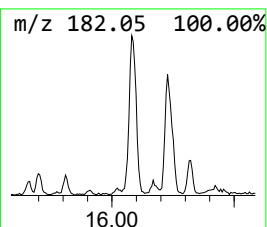
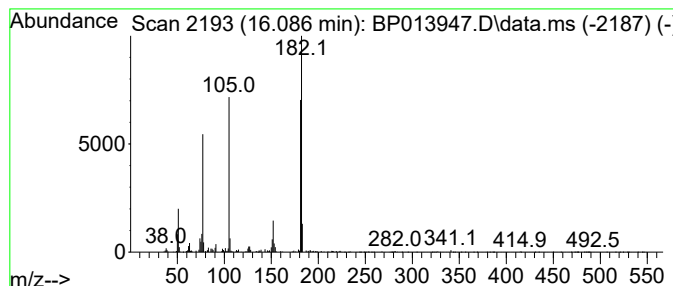
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.087	3.26 ng	191921	Acenaphthene-d10	14.740

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	72
2			1-(Difluoromethyl)-6-methylpyrro...	182	C9H8F2N2	1000411-14-9	50
3			2-Hydroxyfluorene	182	C13H10O	002443-58-5	50
4			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	50
5			Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
Operator : CG/JU
Sample : 01767-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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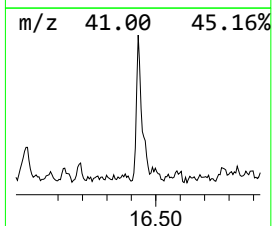
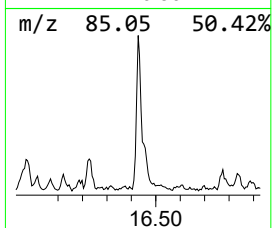
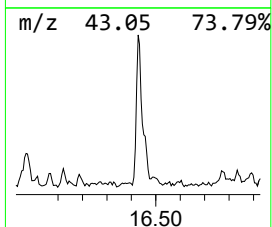
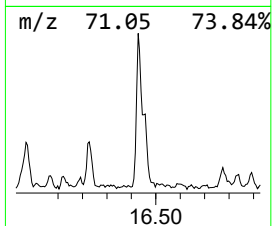
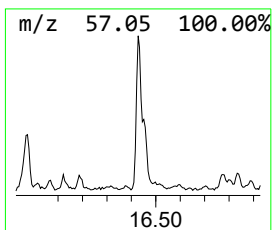
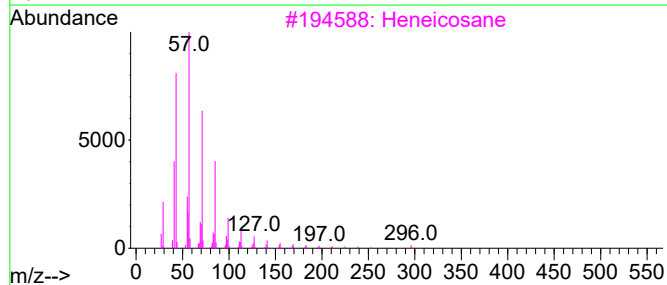
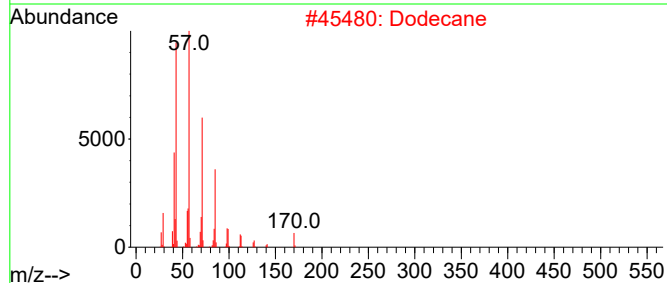
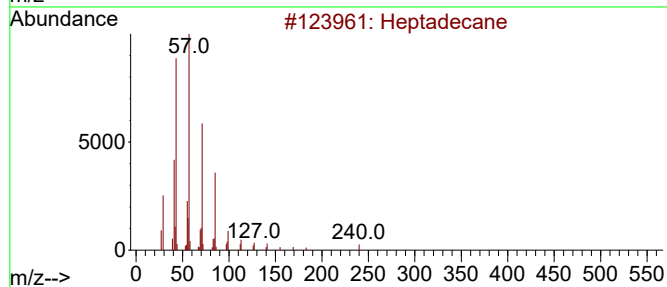
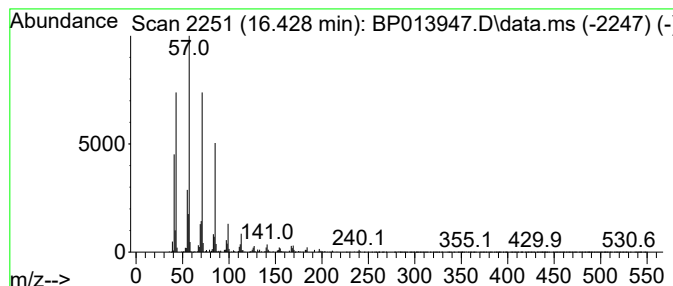
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.428	3.18 ng	236718	Phenanthrene-d10	17.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Dodecane	170	C12H26	000112-40-3	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
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Sample : 01767-03
Misc :
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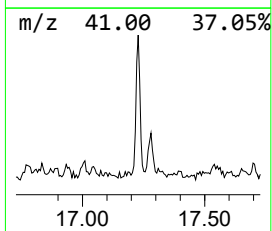
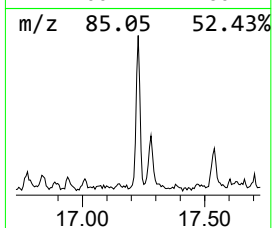
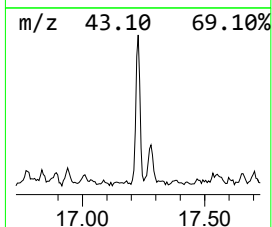
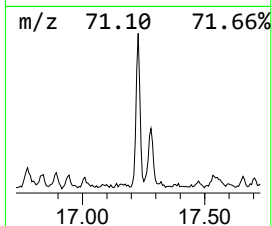
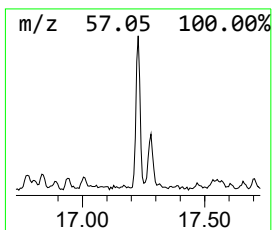
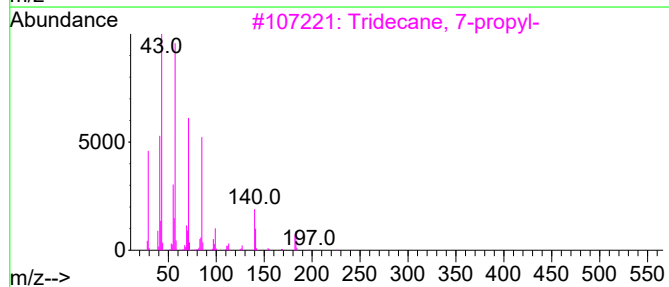
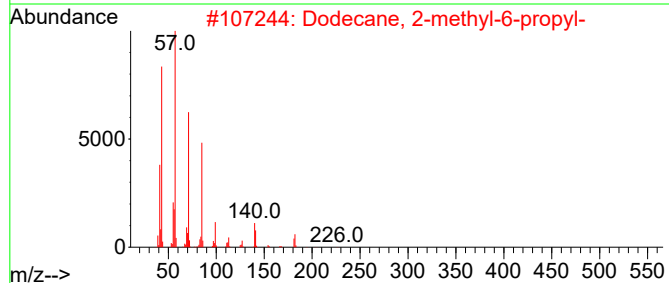
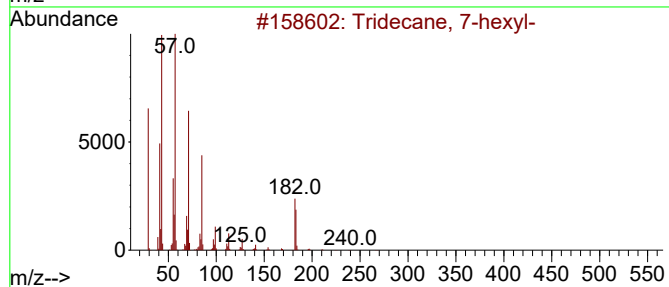
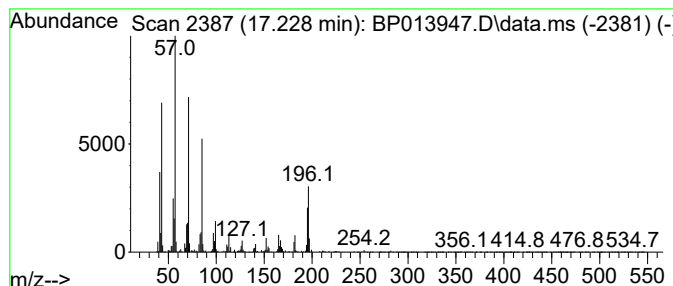
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ClientSampleId :
CE-45-030123

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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 6 Tridecane, 7-hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.228	3.97 ng	295054	Phenanthrene-d10		17.492	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	86
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
3	Tridecane, 7-propyl-		226	C16H34	055045-09-5	86
4	2-Bromo dodecane		248	C12H25Br	013187-99-0	83
5	Nonadecane		268	C19H40	000629-92-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
Operator : CG/JU
Sample : 01767-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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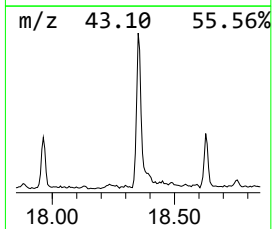
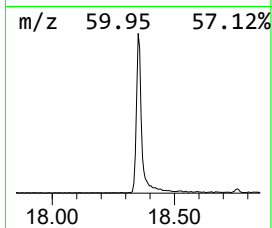
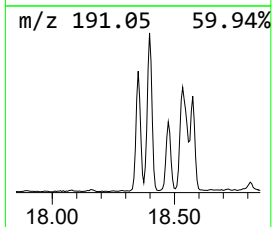
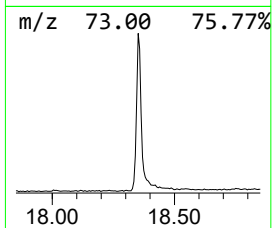
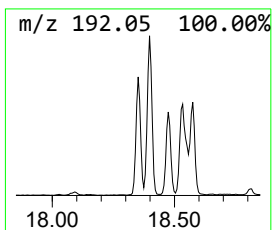
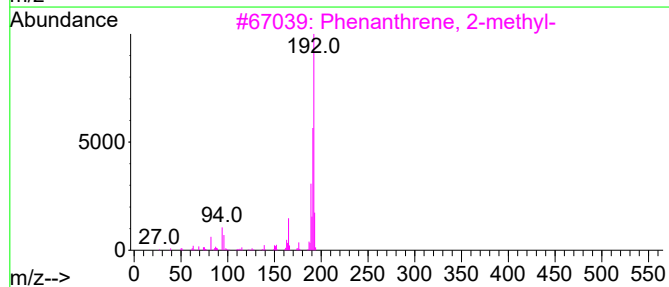
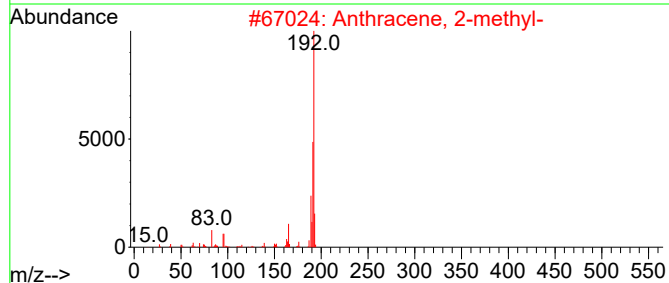
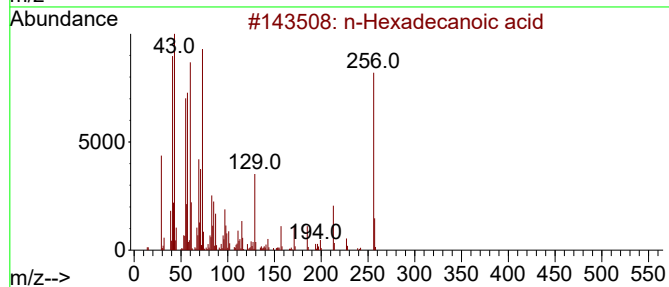
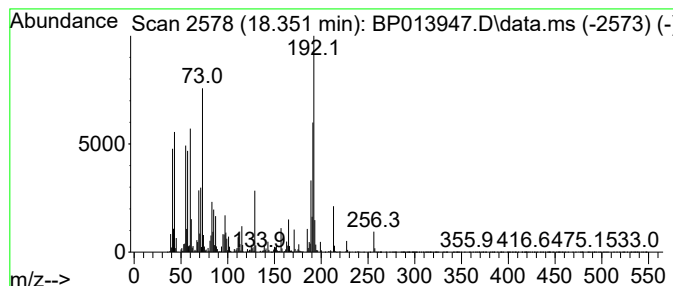
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	21.24 ng	1578790	Phenanthrene-d10	17.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
Operator : CG/JU
Sample : 01767-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CE-45-030123

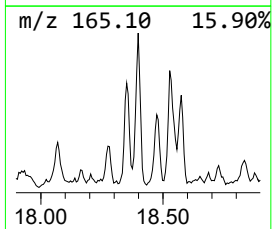
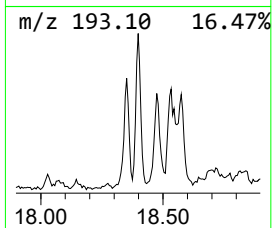
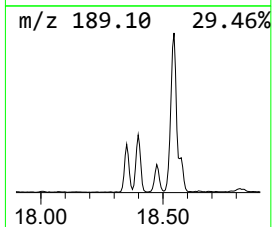
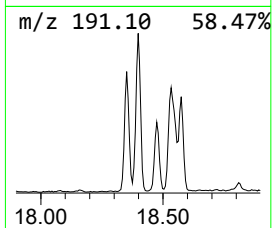
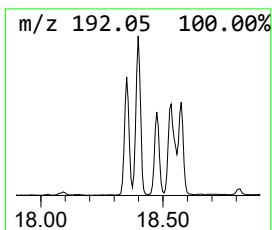
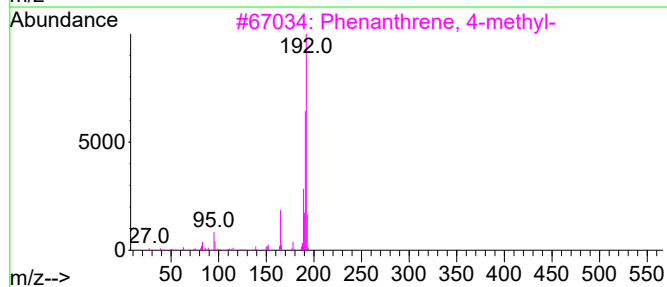
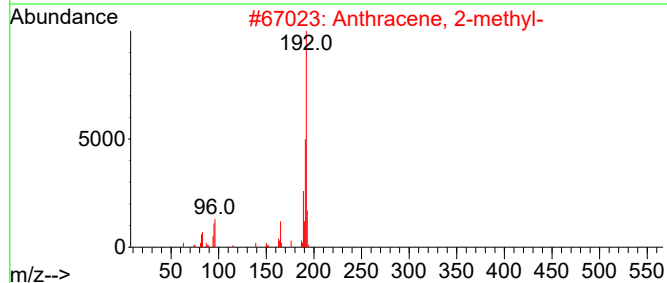
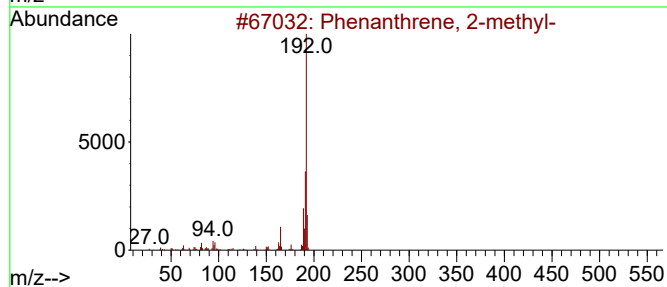
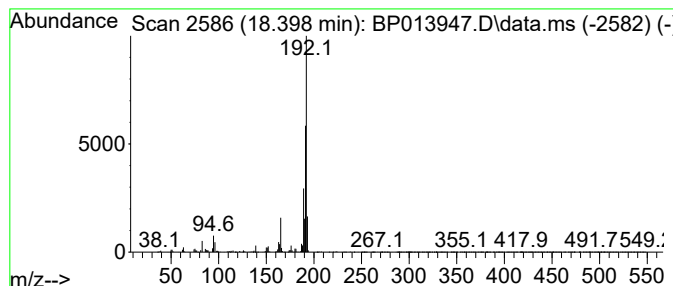
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	10.41 ng	773450	Phenanthrene-d10	17.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
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Acq On : 03 Mar 2023 17:32
Operator : CG/JU
Sample : 01767-03
Misc :
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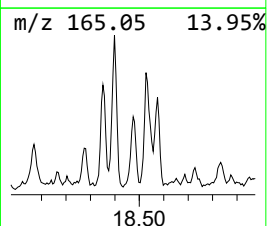
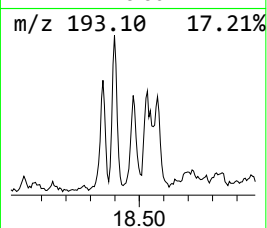
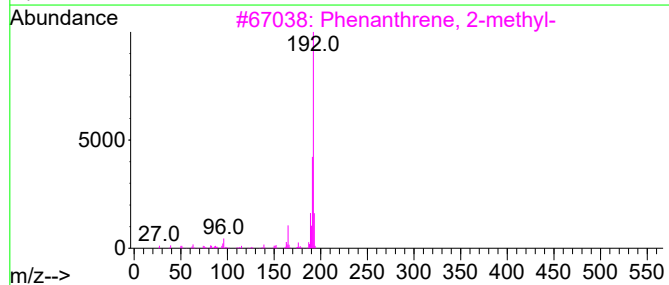
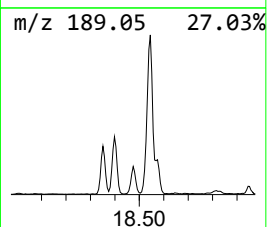
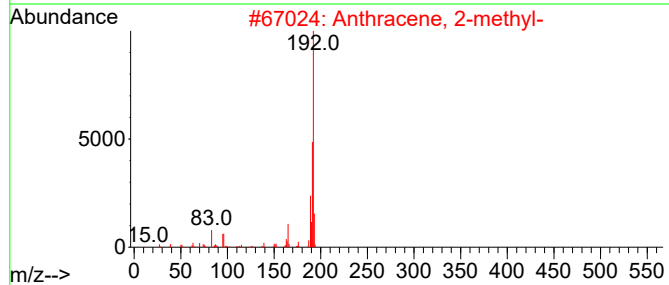
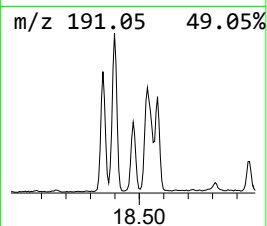
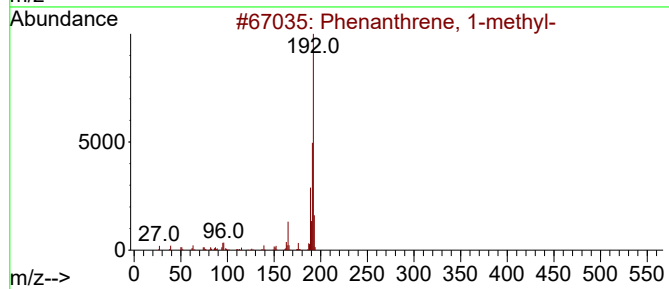
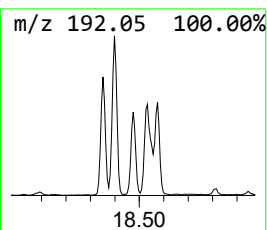
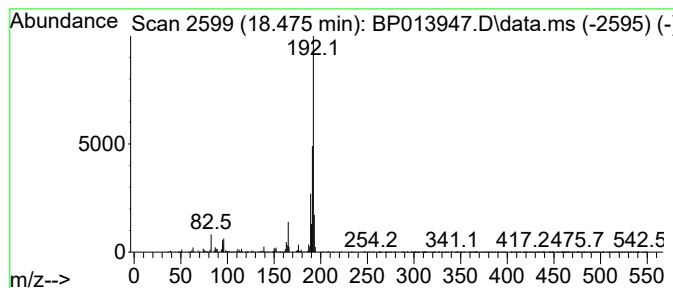
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.475	4.80 ng	357034	Phenanthrene-d10			17.492
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]phenanthrene,1a,...		192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CE-45-030123

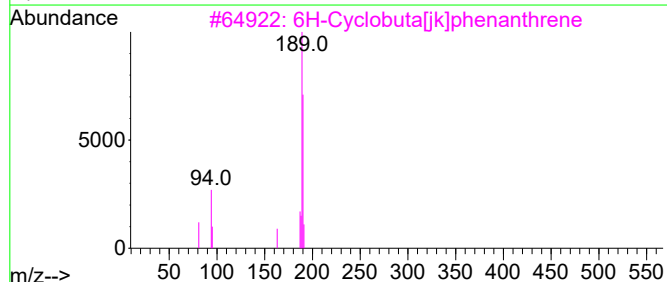
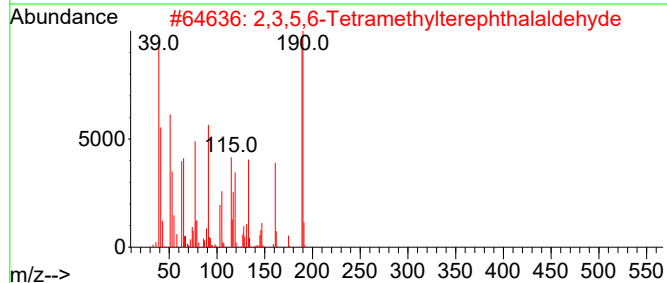
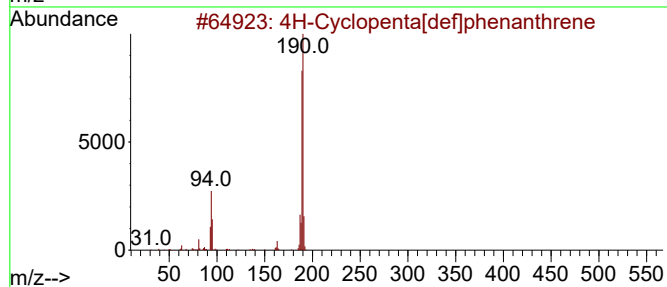
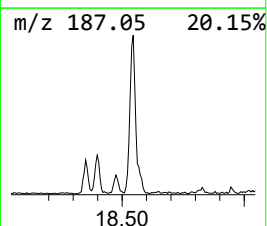
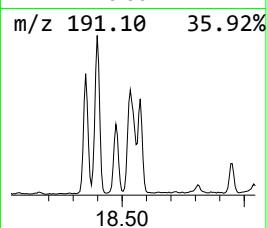
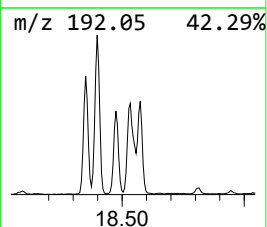
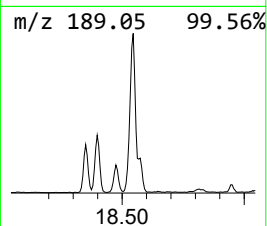
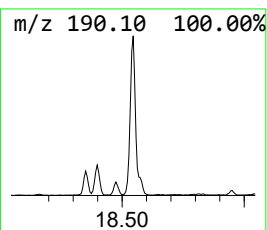
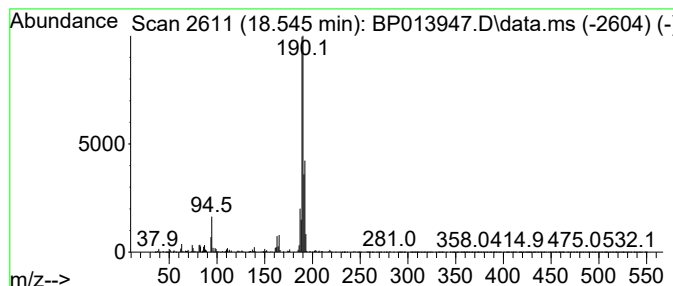
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	14.06 ng	1045360	Phenanthrene-d10	17.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5			2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
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Acq On : 03 Mar 2023 17:32
Operator : CG/JU
Sample : 01767-03
Misc :
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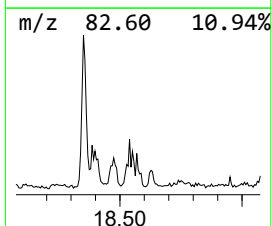
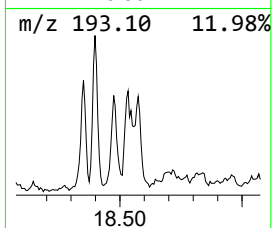
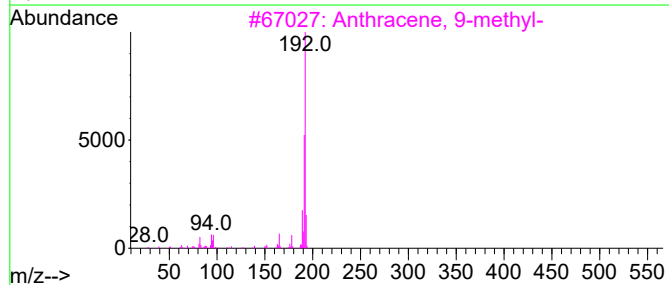
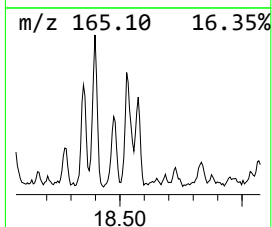
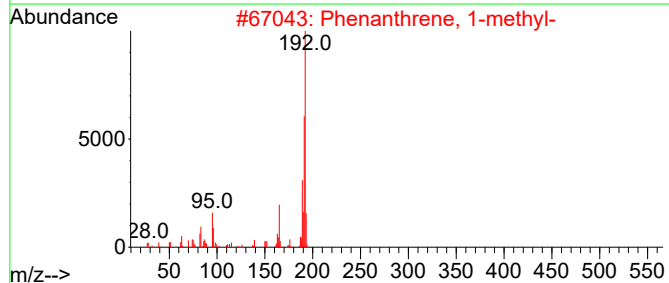
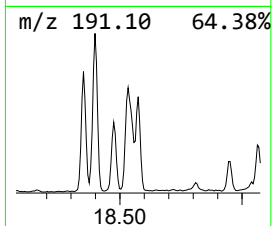
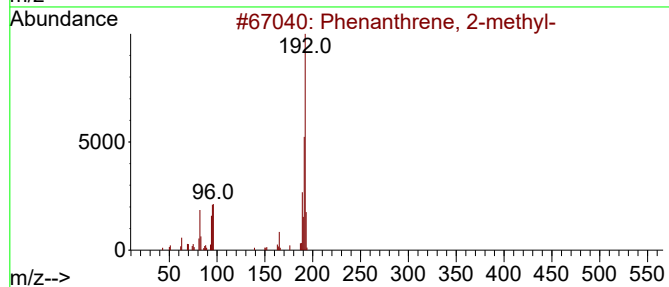
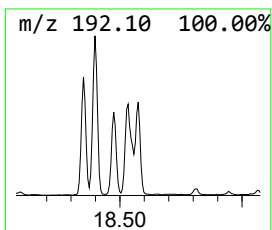
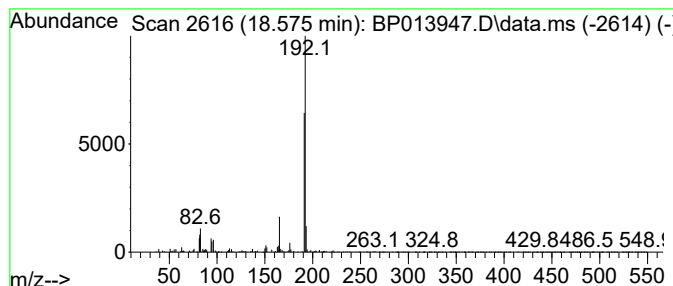
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.575	4.20 ng	312081	Phenanthrene-d10			17.492
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	83
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	80
3	Anthracene, 9-methyl-		192	C15H12	000779-02-2	72
4	Propyne, 1,3-diphenyl-		192	C15H12	004980-70-5	72
5	Phenanthrene, 3-methyl-		192	C15H12	000832-71-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
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ALS Vial : 9 Sample Multiplier: 1

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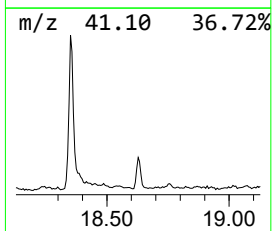
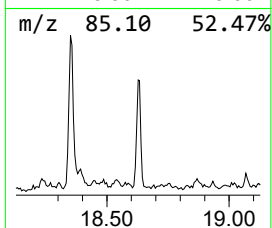
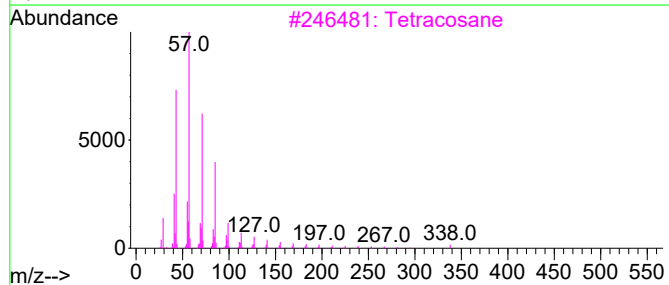
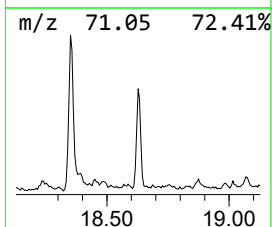
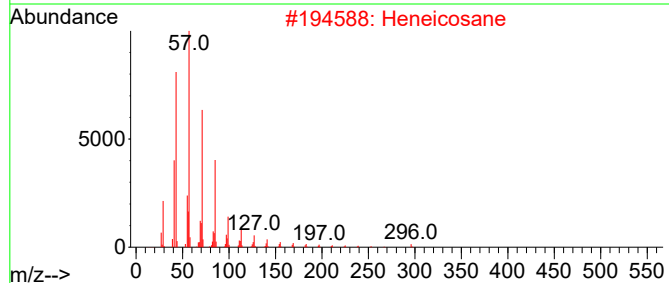
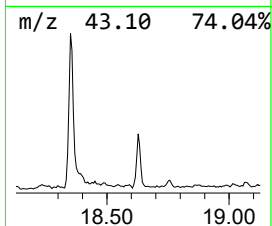
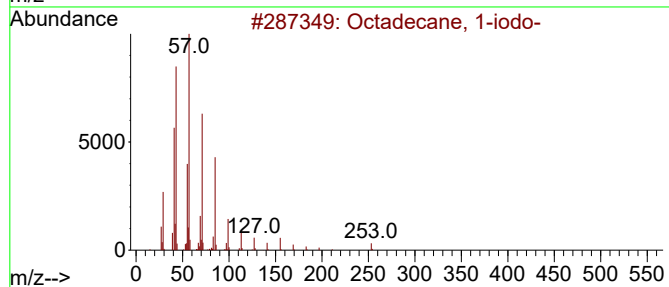
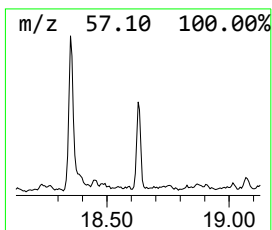
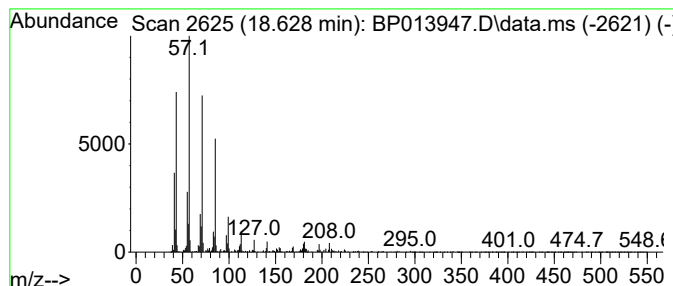
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.628	3.31 ng	245838	Phenanthrene-d10	17.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
Operator : CG/JU
Sample : 01767-03
Misc :
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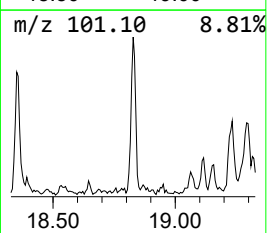
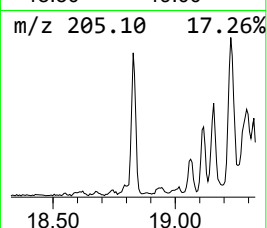
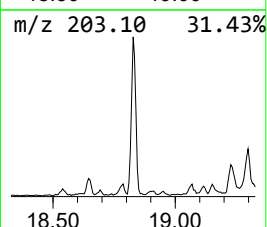
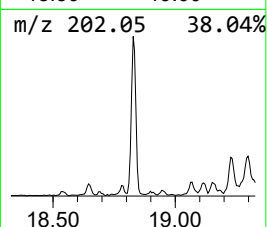
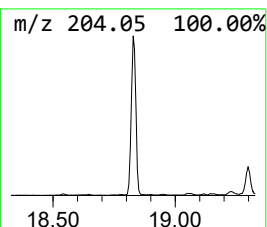
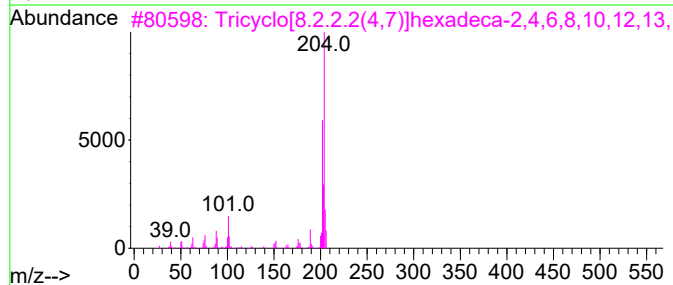
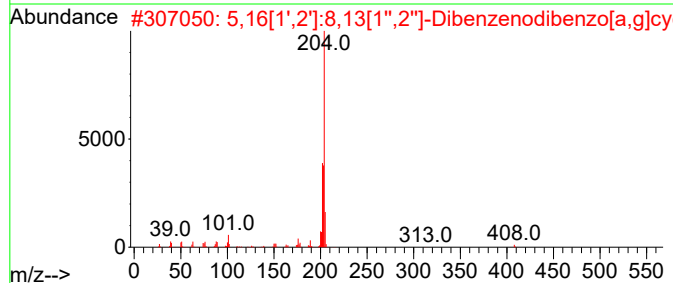
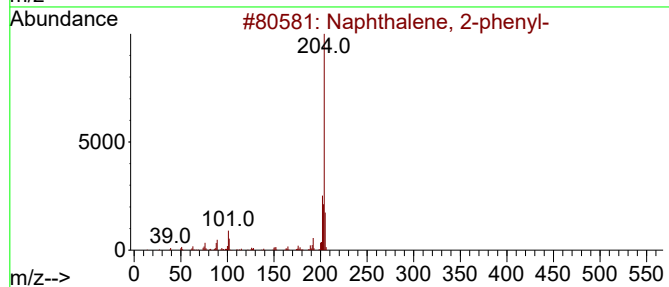
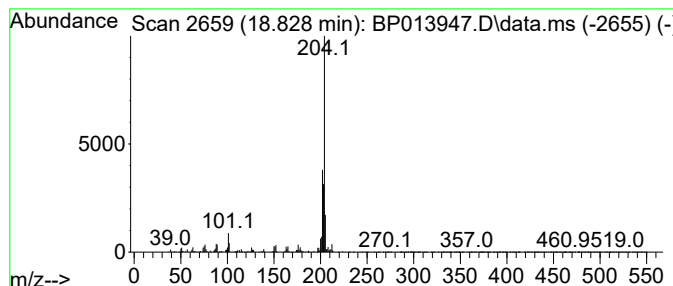
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.828	5.76 ng	428155	Phenanthrene-d10		17.492	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	92
2	5,16[1',2']:8,13[1'',2'']-Dibenz...		408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...		204	C16H12	006572-60-7	76
4	6-Cyanophenanthridine		204	C14H8N2	002176-28-5	60
5	1,2,4,8-Tetramethylbicyclo[6.3.0...		204	C15H24	137235-51-9	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
Operator : CG/JU
Sample : 01767-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

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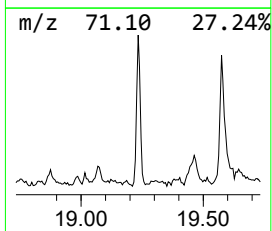
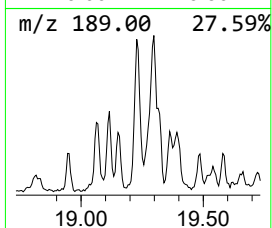
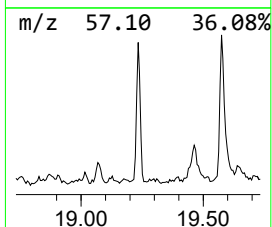
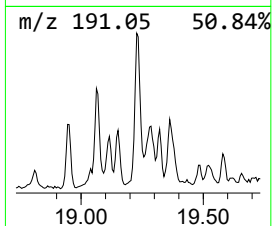
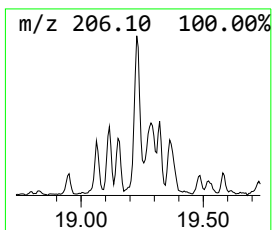
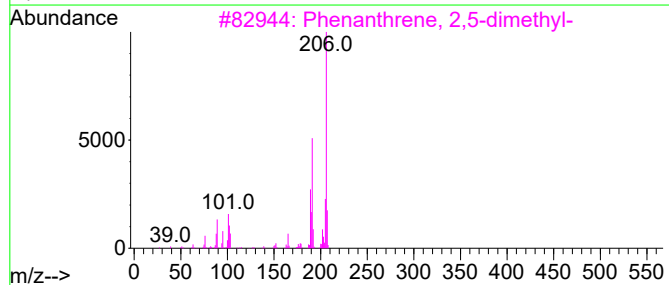
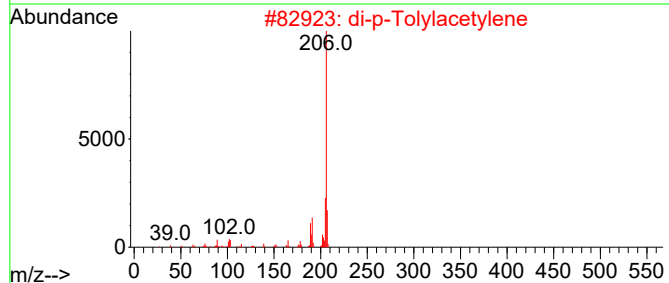
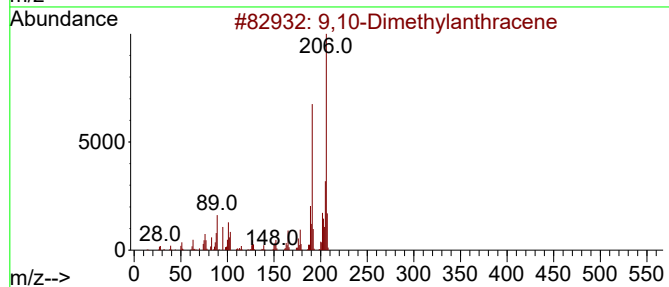
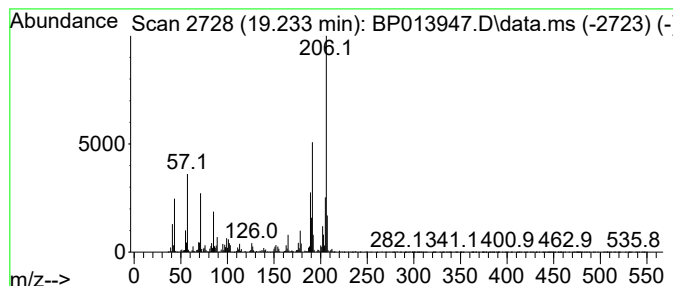
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	8.45 ng	627818	Phenanthrene-d10	17.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
5		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
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Sample : 01767-03
Misc :
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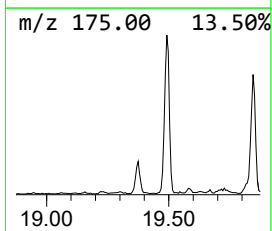
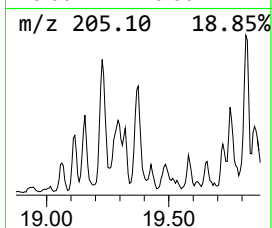
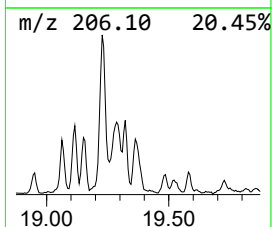
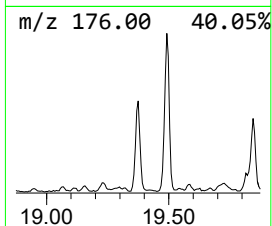
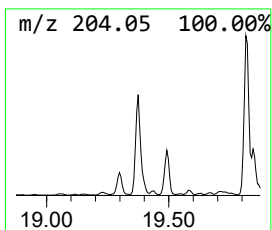
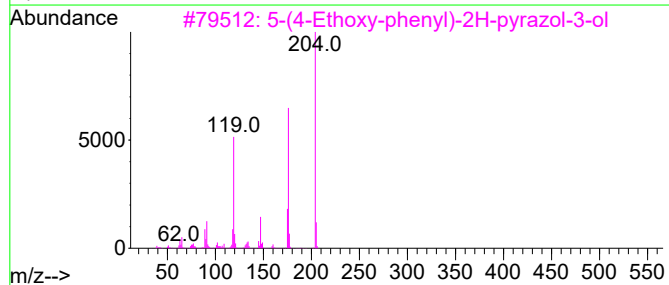
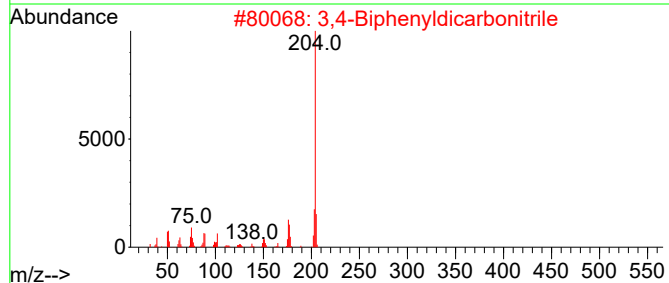
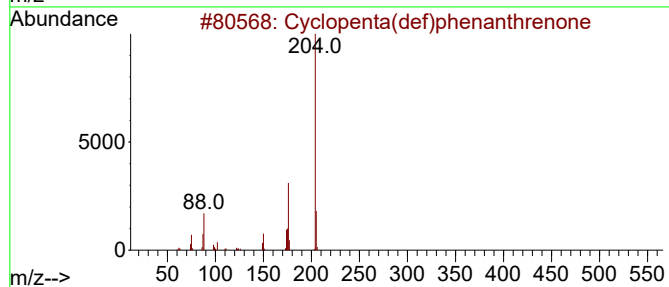
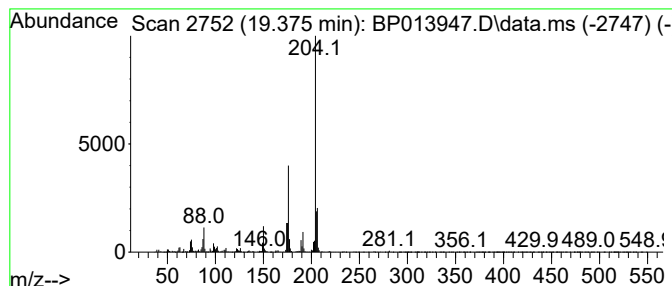
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.375	7.30 ng	542349	Phenanthrene-d10		17.492	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	81
2	3,4-Biphenyldicarbonitrile		204	C14H8N2	004128-63-6	53
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol		204	C11H12N2O2	1000278-26-8	50
4	4-Formyl-7-methoxycoumarin		204	C11H8O4	1000429-03-0	50
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile		204	C14H8N2	004341-02-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
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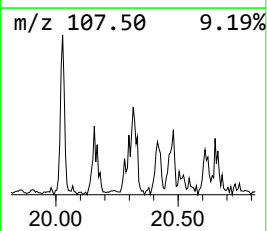
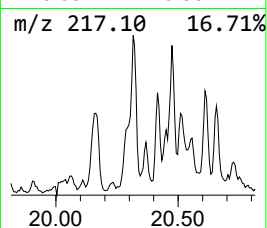
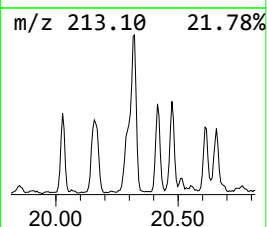
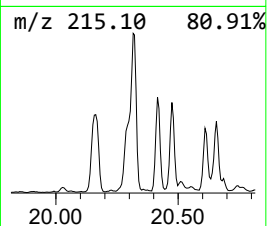
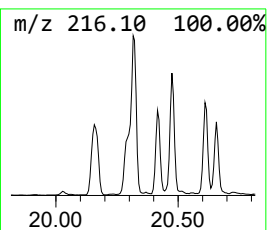
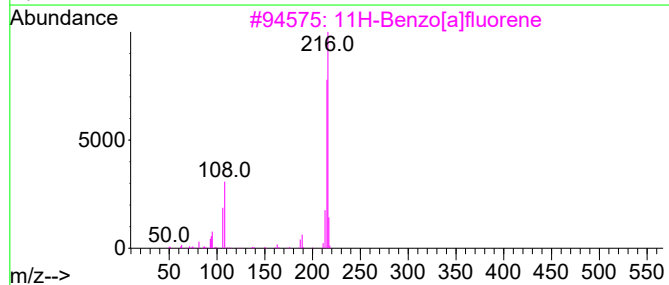
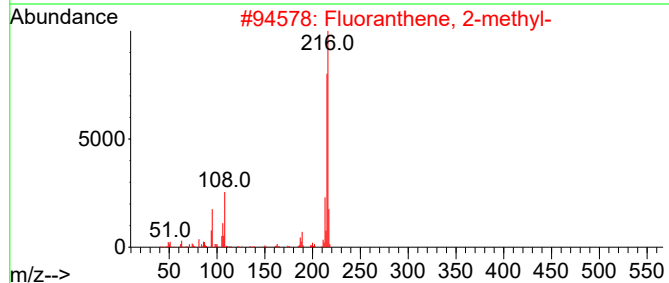
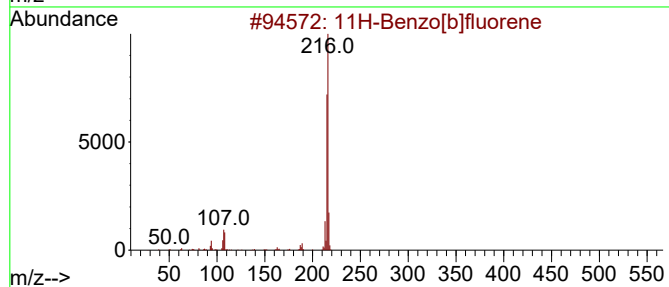
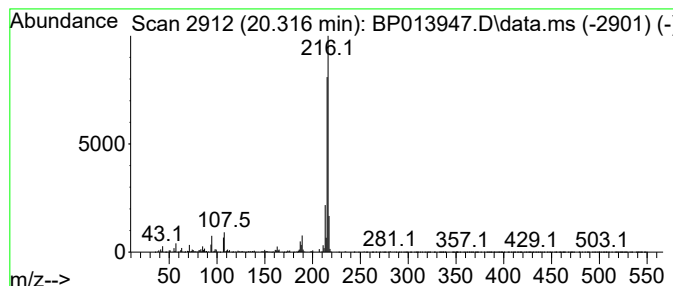
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.316	4.89 ng	1605060	Chrysene-d12	21.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
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ALS Vial : 9 Sample Multiplier: 1

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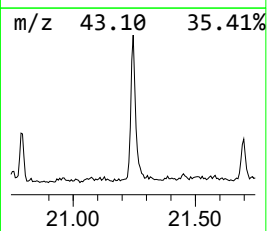
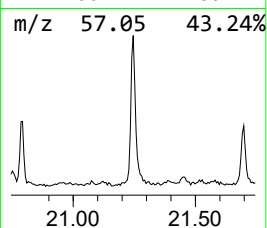
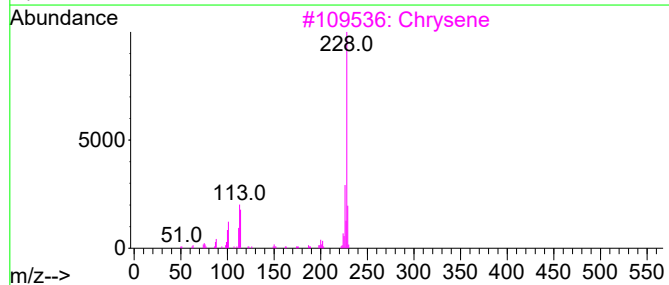
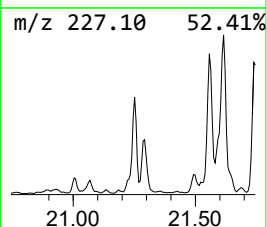
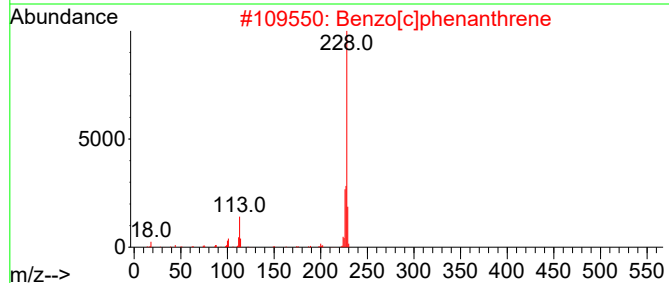
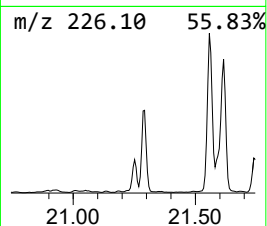
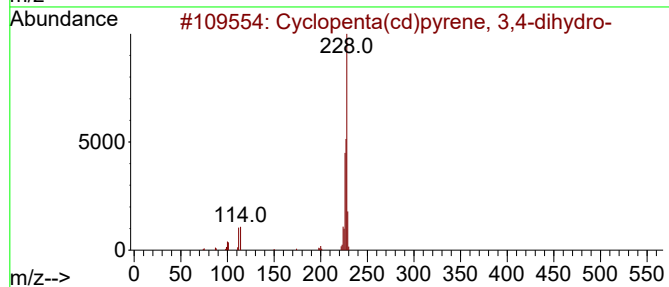
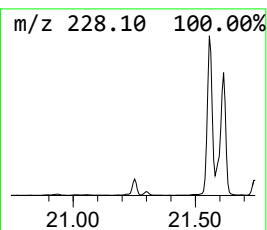
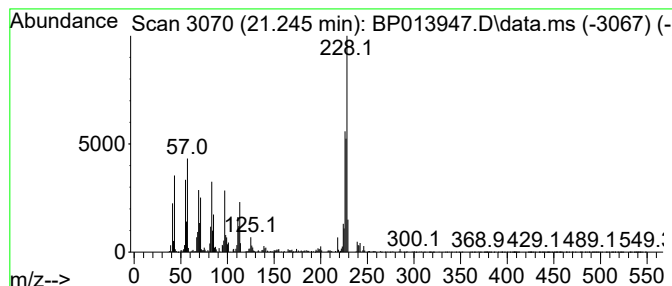
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	3.87 ng	1269470	Chrysene-d12	21.574

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
3		Chrysene	228	C18H12	000218-01-9	38
4		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	38
5		Triphenylene	228	C18H12	000217-59-4	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
Operator : CG/JU
Sample : 01767-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CE-45-030123

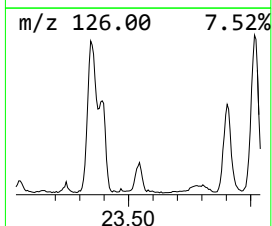
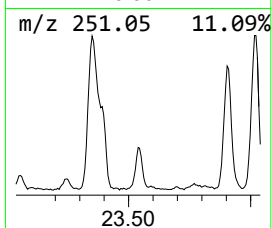
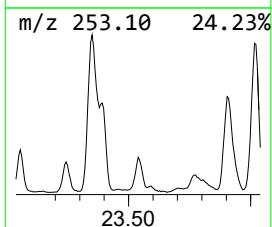
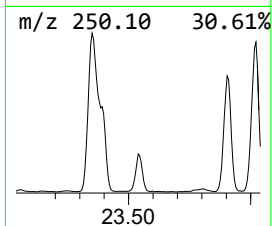
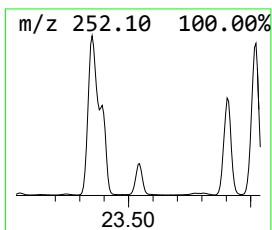
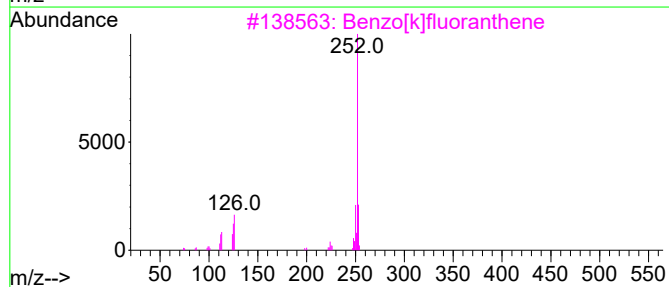
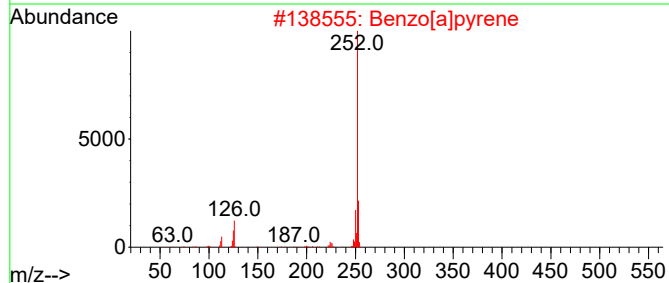
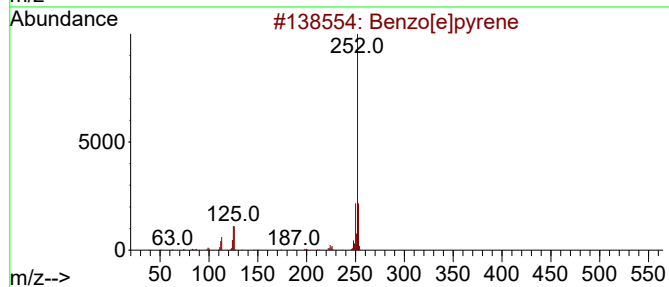
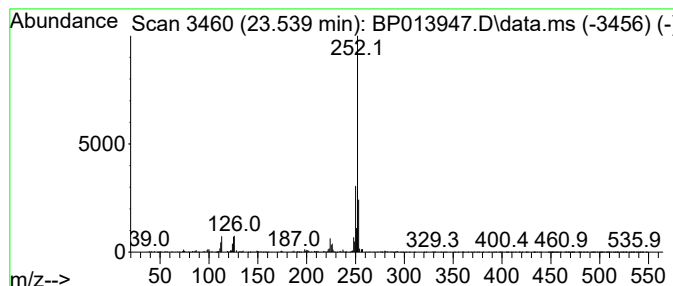
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.539	8.26 ng	810691	Perylene-d12	24.127

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[a]pyrene	252	C20H12	000050-32-8	90
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
Operator : CG/JU
Sample : 01767-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CE-45-030123

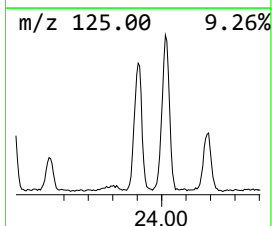
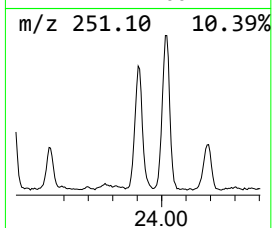
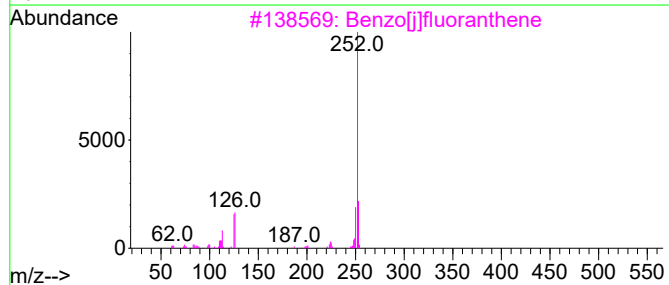
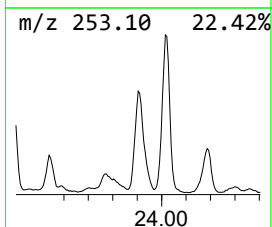
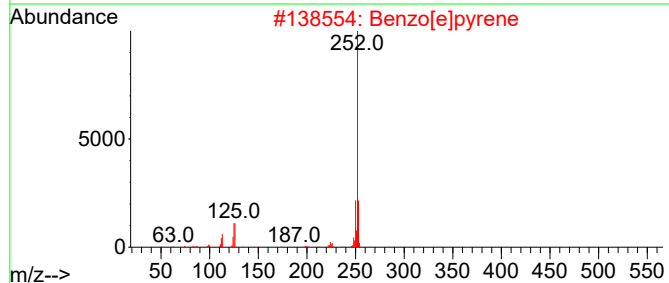
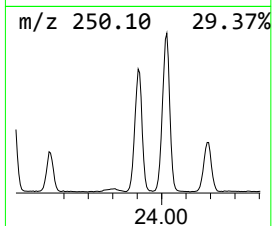
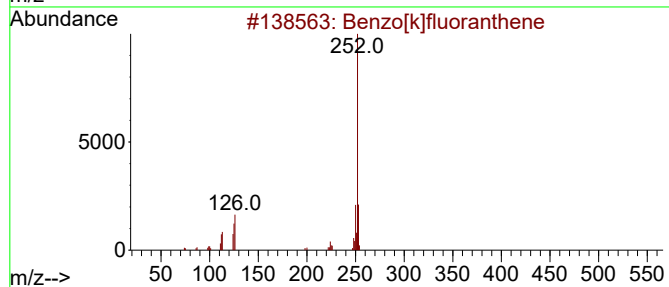
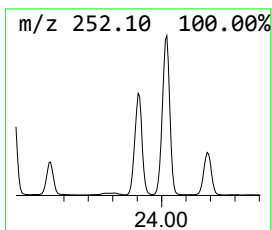
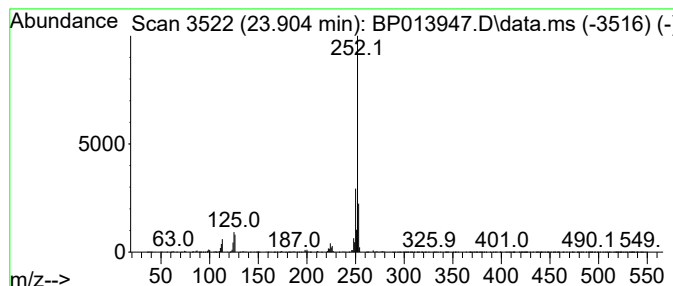
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.904	29.03 ng	2849770	Perylene-d12	24.127

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2		Benzo[e]pyrene	252	C20H12	000192-97-2	97
3		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
Data File : BP013947.D
Acq On : 03 Mar 2023 17:32
Operator : CG/JU
Sample : 01767-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CE-45-030123

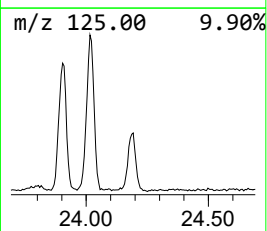
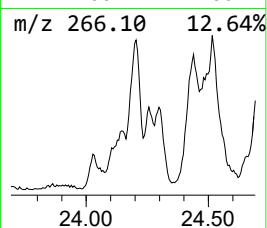
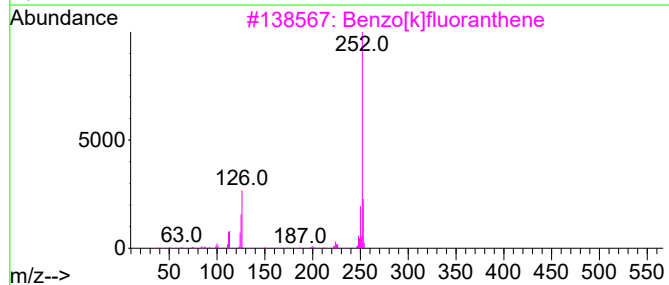
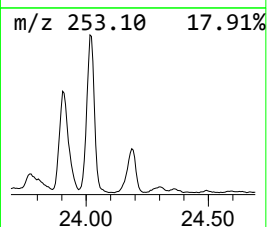
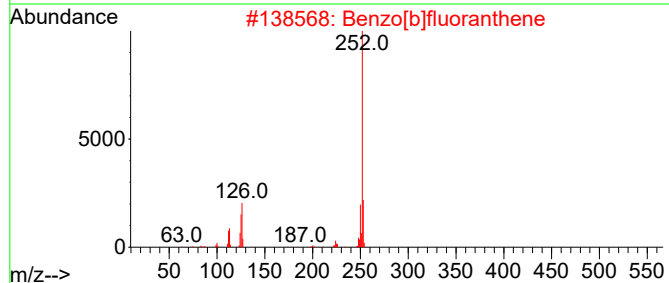
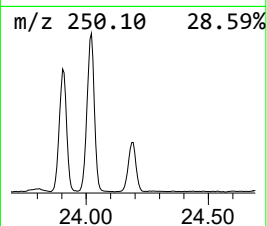
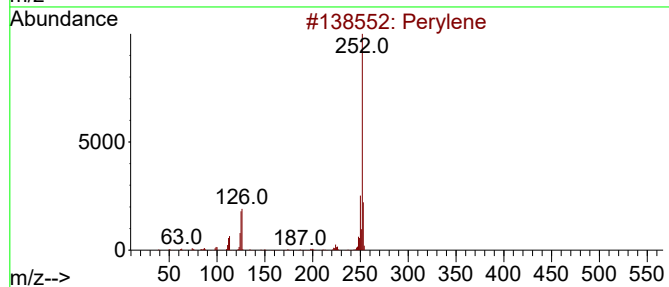
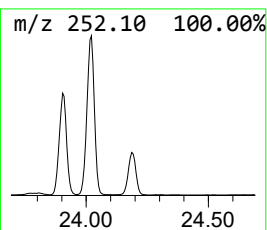
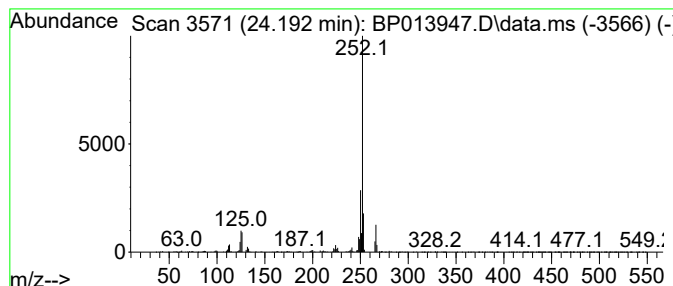
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.192	14.30 ng	1403950	Perylene-d12	24.127

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	89
2		Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5		Benzo[a]pyrene	252	C20H12	000050-32-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030323\
 Data File : BP013947.D
 Acq On : 03 Mar 2023 17:32
 Operator : CG/JU
 Sample : 01767-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CE-45-030123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.169	27.1	ng	956956	1	8.099	706920	20.0
Heptadecane	14.616	3.3	ng	193829	3	14.740	1178760	20.0
Hexadecane	15.563	3.7	ng	216701	3	14.740	1178760	20.0
Benzophenone	16.087	3.3	ng	191921	3	14.740	1178760	20.0
Dodecane	16.428	3.2	ng	236718	4	17.492	1486590	20.0
Tridecane, 7-he...	17.228	4.0	ng	295054	4	17.492	1486590	20.0
n-Hexadecanoic ...	18.351	21.2	ng	1578790	4	17.492	1486590	20.0
Phenanthrene, 2...	18.398	10.4	ng	773450	4	17.492	1486590	20.0
Phenanthrene, 1...	18.475	4.8	ng	357034	4	17.492	1486590	20.0
4H-Cyclopenta[d...	18.545	14.1	ng	1045360	4	17.492	1486590	20.0
Anthracene, 9-m...	18.575	4.2	ng	312081	4	17.492	1486590	20.0
Octadecane, 1-i...	18.628	3.3	ng	245838	4	17.492	1486590	20.0
Naphthalene, 2-...	18.828	5.8	ng	428155	4	17.492	1486590	20.0
9,10-Dimethylan...	19.233	8.4	ng	627818	4	17.492	1486590	20.0
Cyclopenta(def)...	19.375	7.3	ng	542349	4	17.492	1486590	20.0
11H-Benzo[b]flu...	20.316	4.9	ng	1605060	5	21.574	6567740	20.0
Cyclopenta(cd)p...	21.245	3.9	ng	1269470	5	21.574	6567740	20.0
Benzo[e]pyrene	23.539	8.3	ng	810691	6	24.127	1963620	20.0
Benzo[j]fluoran...	23.904	29.0	ng	2849770	6	24.127	1963620	20.0
Perylene	24.192	14.3	ng	1403950	6	24.127	1963620	20.0