

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009123.D
 Acq On : 11 Feb 2022 20:44
 Operator : CG/JU
 Sample : N1426-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 POST-EX-01-0207

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-BP020722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009123.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.387	402	408	429	rBV	2290948	4042009	11.91%	1.193%
2	6.987	673	680	702	rVB	2358393	4347360	12.81%	1.283%
3	7.793	809	817	827	rBV	633887	1111618	3.27%	0.328%
4	8.952	1007	1014	1029	rBV	1502974	2842927	8.37%	0.839%
5	10.587	1284	1292	1298	rBV	917812	1657503	4.88%	0.489%
6	13.057	1703	1712	1721	rBV	5064678	7703849	22.69%	2.273%
7	13.757	1826	1831	1836	rBV	302281	554132	1.63%	0.164%
8	13.993	1863	1871	1875	rBV3	157954	375387	1.11%	0.111%
9	14.157	1892	1899	1908	rBV	1696288	2888283	8.51%	0.852%
10	14.263	1913	1917	1924	rVB	408473	620962	1.83%	0.183%
11	14.340	1925	1930	1935	rBV	467840	657343	1.94%	0.194%
12	14.434	1936	1946	1952	rBV	1697225	2979341	8.78%	0.879%
13	14.840	2010	2015	2019	rVB	595066	860736	2.54%	0.254%
14	14.963	2032	2036	2043	rVB3	315509	471066	1.39%	0.139%
15	15.057	2048	2052	2056	rBV	272766	442642	1.30%	0.131%
16	15.222	2075	2080	2084	rBV3	522770	873654	2.57%	0.258%
17	15.293	2088	2092	2101	rVB2	630602	1011490	2.98%	0.298%
18	15.481	2119	2124	2136	rBV3	668599	1725730	5.08%	0.509%
19	15.698	2158	2161	2171	rVB	445562	709955	2.09%	0.209%
20	15.787	2172	2176	2183	rVB	597784	967181	2.85%	0.285%
21	15.934	2193	2201	2208	rBV	4444377	7455939	21.96%	2.200%
22	16.163	2235	2240	2242	rBV3	1291617	2103381	6.20%	0.621%
23	16.734	2333	2337	2340	rBV2	456753	695252	2.05%	0.205%
24	16.769	2340	2343	2346	rVB2	342591	398970	1.18%	0.118%
25	16.851	2354	2357	2364	rVB2	545345	788303	2.32%	0.233%
26	16.957	2372	2375	2379	rVB	897457	957148	2.82%	0.282%
27	17.010	2380	2384	2393	rVB	1373555	2350394	6.92%	0.694%
28	17.198	2411	2416	2418	rBV	2117088	3184055	9.38%	0.940%
29	17.239	2418	2423	2432	rVV	11109659	17739130	52.25%	5.234%
30	17.328	2434	2438	2443	rVB	2831065	4114286	12.12%	1.214%
31	17.610	2483	2486	2493	rBV3	490906	984668	2.90%	0.291%
32	17.698	2498	2501	2510	rVB2	1133082	1859016	5.48%	0.549%
33	18.069	2559	2564	2567	rBV	1440908	2147479	6.33%	0.634%
34	18.110	2567	2571	2578	rVB	2452413	4073516	12.00%	1.202%
35	18.192	2581	2585	2589	rVV	1042229	1420034	4.18%	0.419%
36	18.251	2590	2595	2599	rVV2	2044008	3902999	11.50%	1.152%

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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-BP020722.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.286	2599	2601	2606	rVB	1167132	1459244	4.30%	0.431%
38	18.375	2612	2616	2619	rBV2	769312	974643	2.87%	0.288%
39	18.551	2642	2646	2650	rVB	1600395	2029204	5.98%	0.599%
40	18.598	2651	2654	2660	rVB2	750019	1082718	3.19%	0.319%
41	18.957	2710	2715	2718	rBV	1027695	1706482	5.03%	0.504%
42	19.045	2728	2730	2734	rVB	623828	684303	2.02%	0.202%
43	19.098	2735	2739	2745	rVB2	1750897	2712116	7.99%	0.800%
44	19.222	2753	2760	2765	rBV	19549426	32056056	94.43%	9.459%
45	19.275	2766	2769	2772	rBV2	344040	386750	1.14%	0.114%
46	19.310	2772	2775	2779	rBV	587544	772513	2.28%	0.228%
47	19.357	2779	2783	2788	rVB	2644869	3763510	11.09%	1.111%
48	19.445	2796	2798	2803	rVB	816851	948021	2.79%	0.280%
49	19.575	2810	2820	2826	rVV2	18556432	33948260	100.00%	10.017%
50	19.639	2827	2831	2838	rVB3	1200321	1981945	5.84%	0.585%
51	19.763	2844	2852	2856	rBV2	8197611	12264710	36.13%	3.619%
52	19.804	2856	2859	2865	rVB	814054	1158440	3.41%	0.342%
53	19.881	2867	2872	2879	rBV3	1318550	3376822	9.95%	0.996%
54	20.016	2890	2895	2897	rBV2	1232743	2182419	6.43%	0.644%
55	20.204	2921	2927	2931	rVB2	1679421	2918441	8.60%	0.861%
56	20.339	2947	2950	2954	rBV	1031516	1280937	3.77%	0.378%
57	20.386	2954	2958	2962	rVV2	962031	1298783	3.83%	0.383%
58	20.786	3021	3026	3032	rBV	2625594	3639171	10.72%	1.074%
59	20.945	3048	3053	3056	rBV2	1683048	2893768	8.52%	0.854%
60	20.980	3056	3059	3063	rVV	1883957	3360508	9.90%	0.992%
61	21.022	3063	3066	3071	rVV2	2153221	4065017	11.97%	1.200%
62	21.080	3072	3076	3081	rVB	2346853	3447065	10.15%	1.017%
63	21.286	3105	3111	3116	rBV2	12419720	21797663	64.21%	6.432%
64	21.333	3116	3119	3127	rVB	9900912	13555397	39.93%	4.000%
65	21.410	3128	3132	3136	rBV	2278578	3073268	9.05%	0.907%
66	21.451	3136	3139	3145	rVB	1081595	1439520	4.24%	0.425%
67	21.510	3146	3149	3153	rBV2	859643	1220801	3.60%	0.360%
68	21.622	3164	3168	3173	rVB3	1140508	1801979	5.31%	0.532%
69	21.804	3196	3199	3203	rBV	559571	763340	2.25%	0.225%
70	21.869	3206	3210	3214	rVV	1686444	2731163	8.05%	0.806%
71	21.922	3216	3219	3225	rVB	890292	1329717	3.92%	0.392%
72	22.075	3242	3245	3257	rVB3	889288	2013406	5.93%	0.594%
73	22.686	3345	3349	3361	rVB3	952253	2158717	6.36%	0.637%
74	22.974	3389	3398	3402	rBV	7311303	19305150	56.87%	5.697%
75	23.145	3422	3427	3433	rBV	1791483	3112974	9.17%	0.919%
76	23.480	3478	3484	3494	rVB	3968963	8651178	25.48%	2.553%

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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-BP020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.592	3495	3503	3510	rVV	6675735	13214071	38.92%	3.899%
78	23.686	3514	3519	3524	rVV2	1559504	3296442	9.71%	0.973%
79	23.745	3524	3529	3539	rVB	2088436	4574102	13.47%	1.350%
80	26.192	3935	3945	3956	rVB	2976689	9727033	28.65%	2.870%
81	26.957	4066	4075	4088	rVB	2286577	7714521	22.72%	2.276%

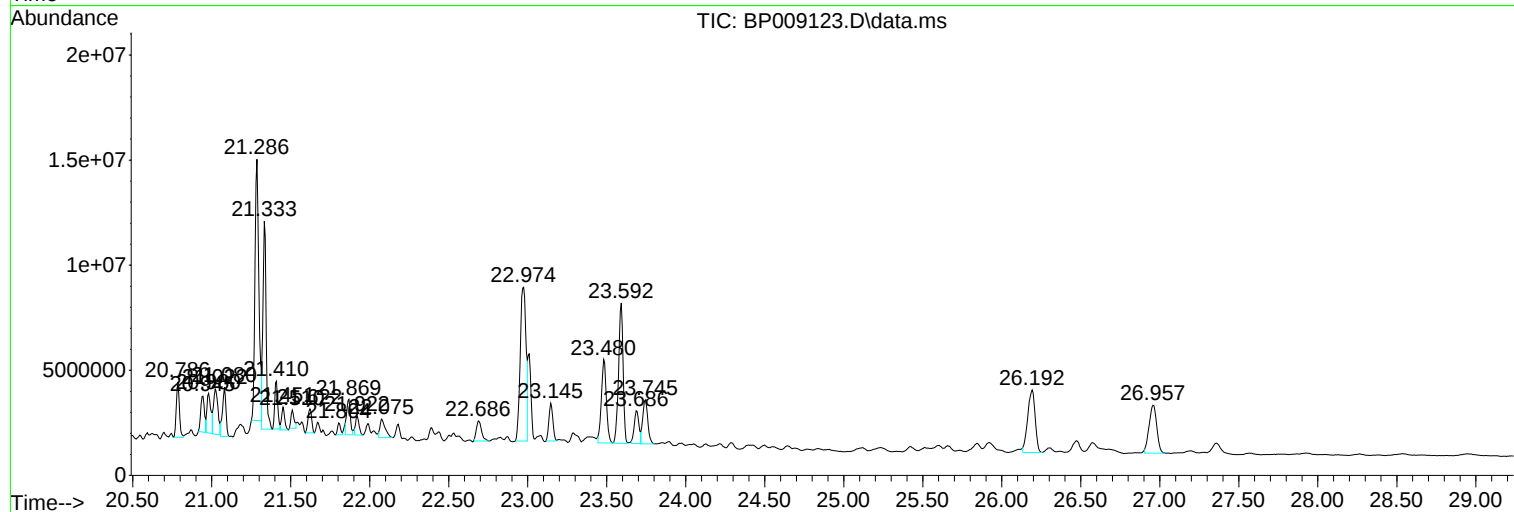
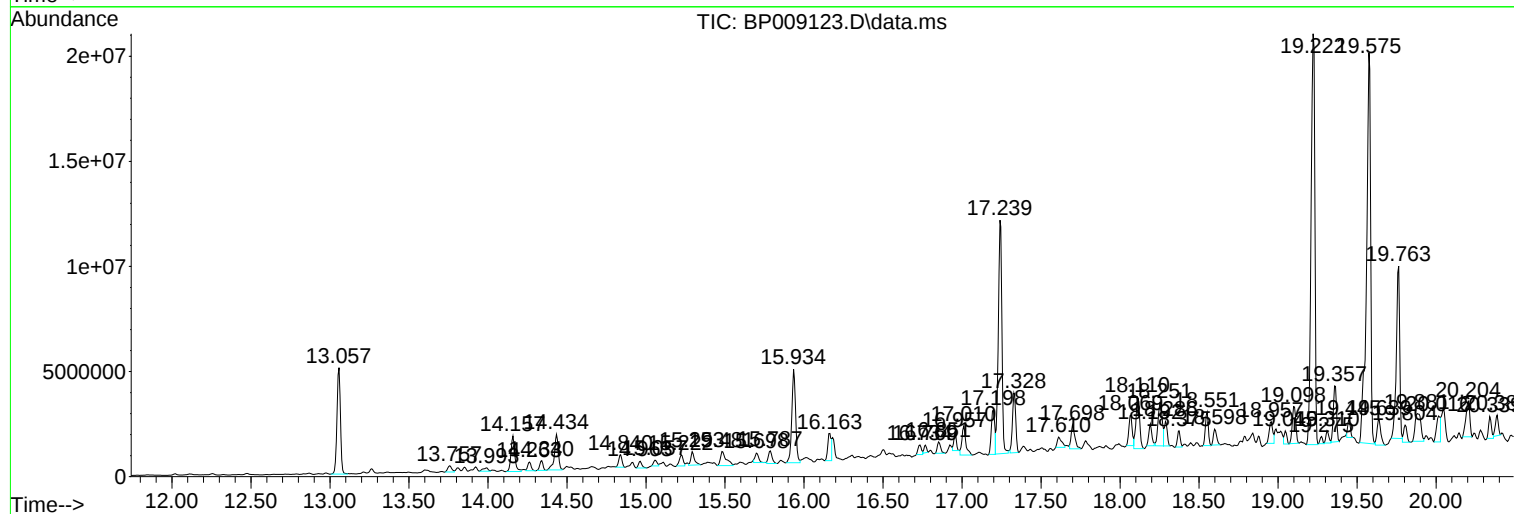
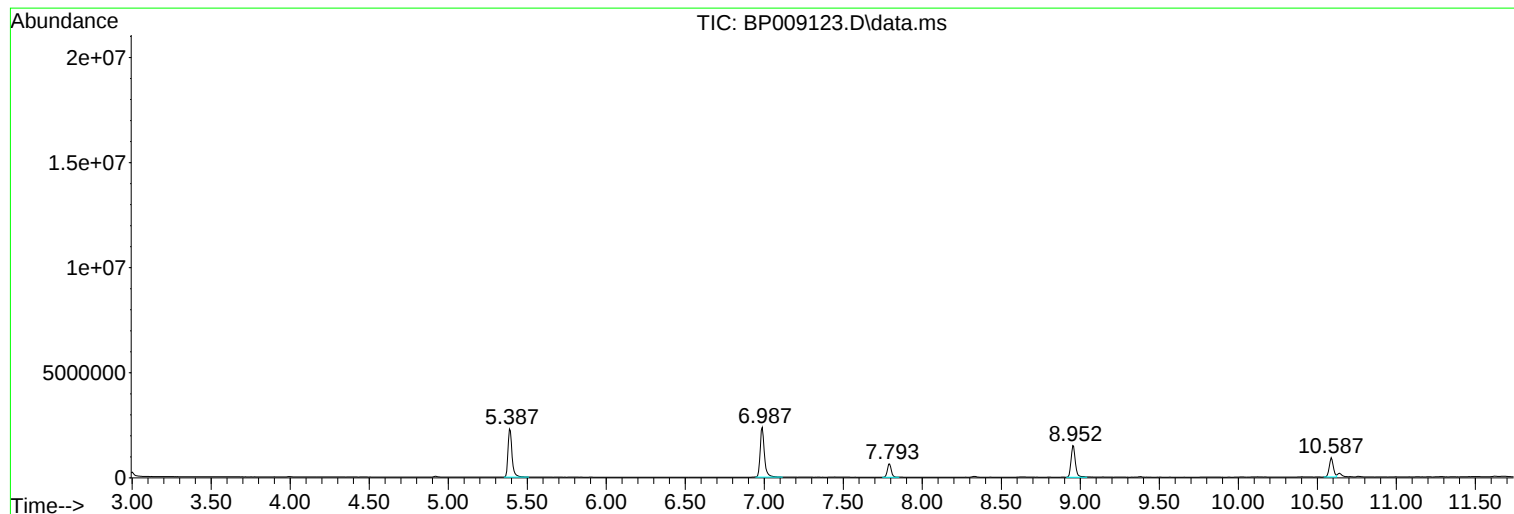
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Instrument :
BNA_P
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POST-EX-01-0207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
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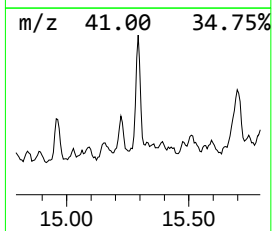
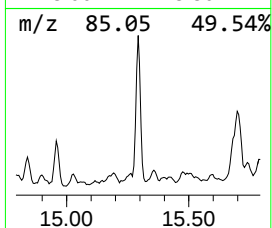
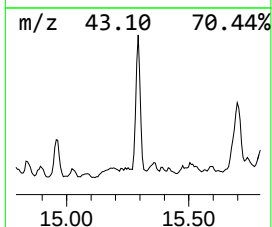
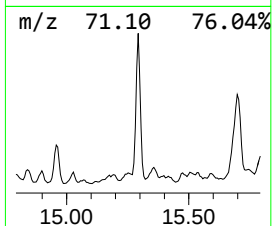
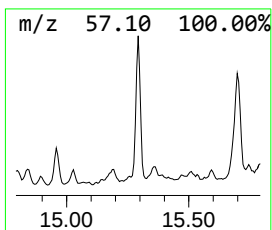
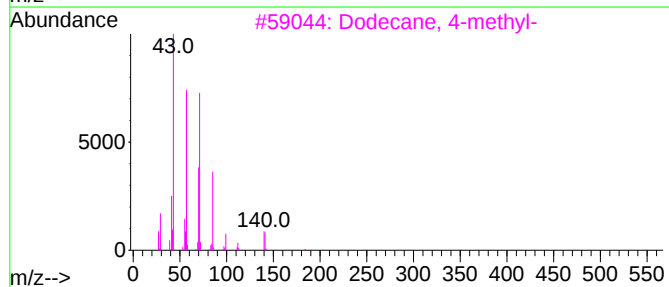
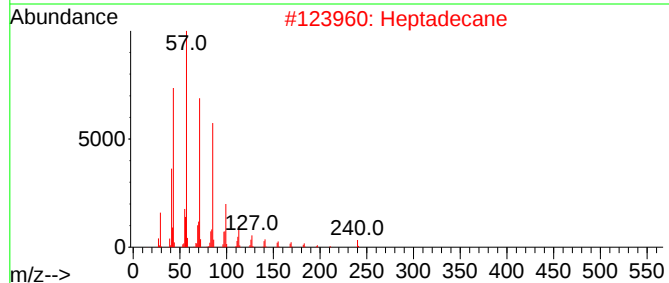
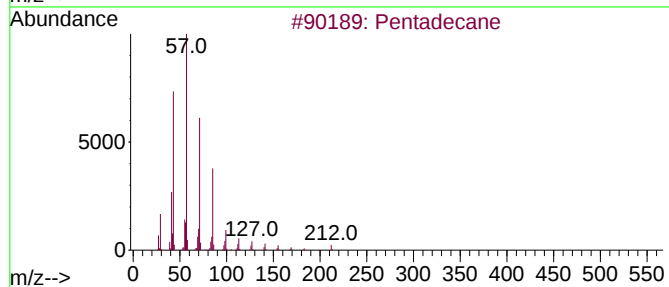
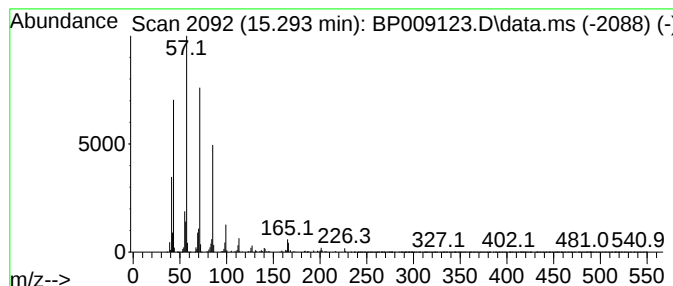
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.293	6.79 ng	1011490	Acenaphthene-d10	14.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
4			Hexadecane	226	C16H34	000544-76-3	81
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



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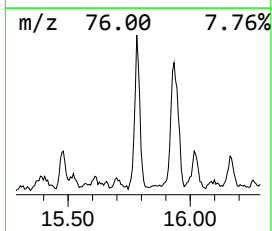
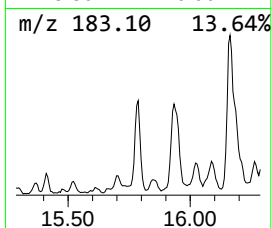
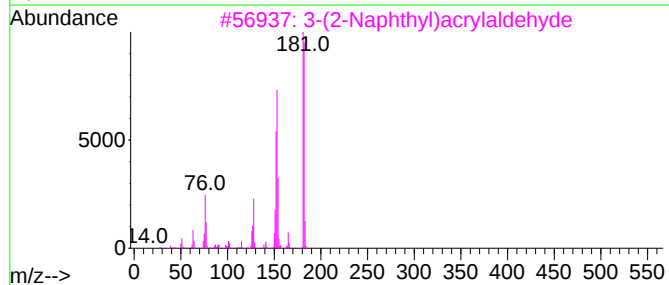
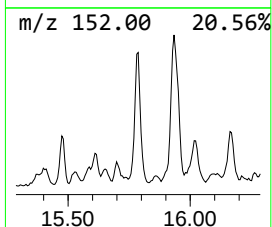
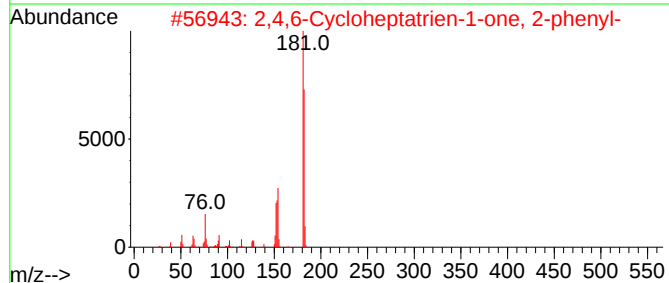
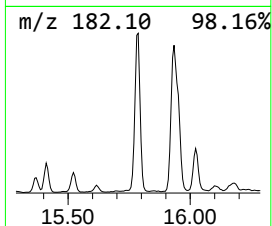
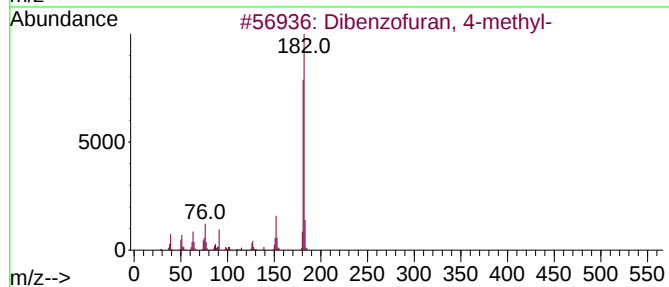
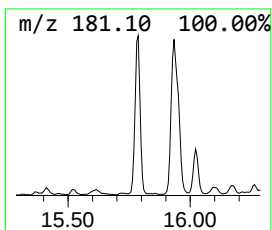
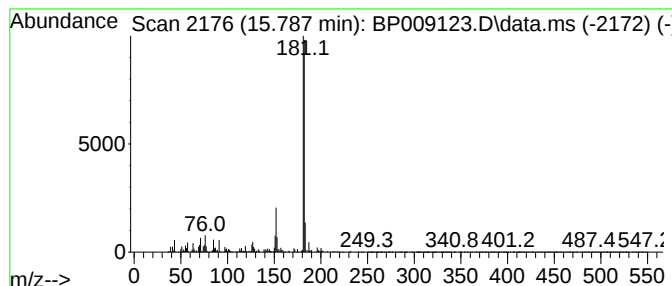
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.787	6.49 ng	967181	Acenaphthene-d10	14.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			2-Hydroxyfluorene	182	C13H10O	002443-58-5	59



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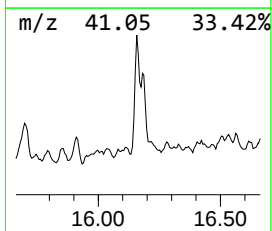
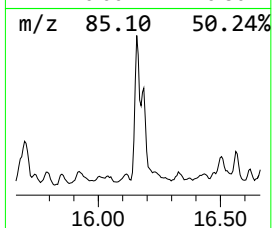
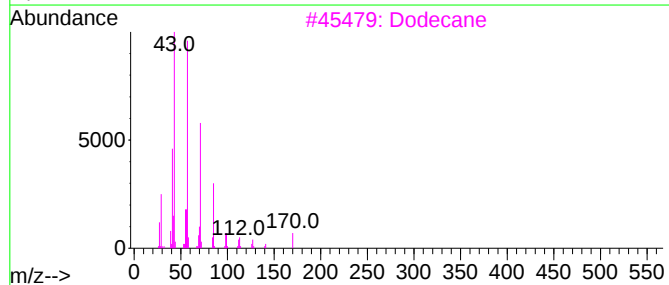
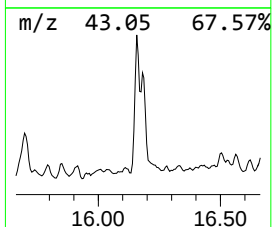
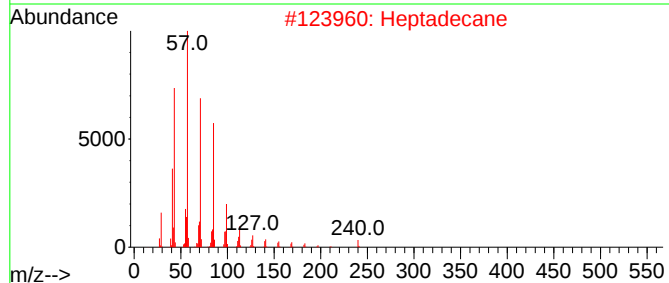
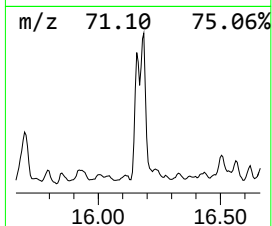
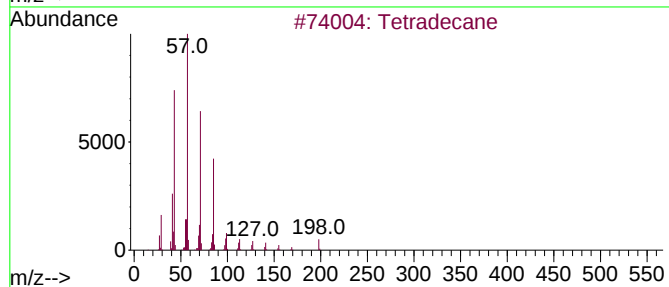
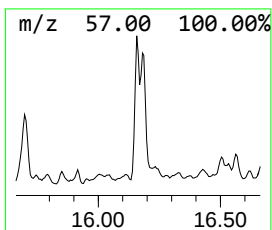
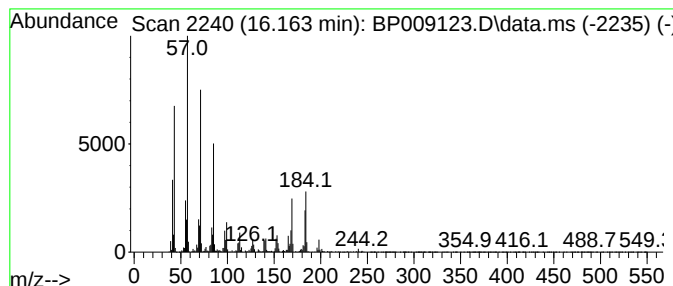
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	13.21 ng	2103380	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Heptadecane	240	C17H36	000629-78-7	95
3			Dodecane	170	C12H26	000112-40-3	64
4			Hexacosane	366	C26H54	000630-01-3	64
5			Heneicosane	296	C21H44	000629-94-7	60



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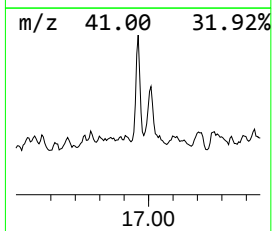
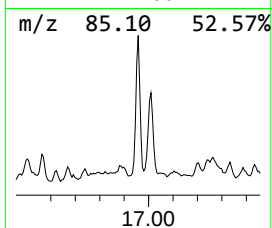
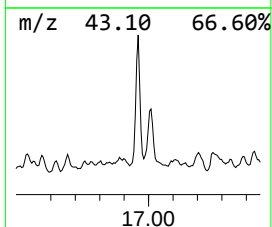
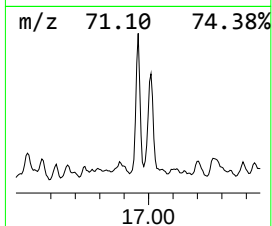
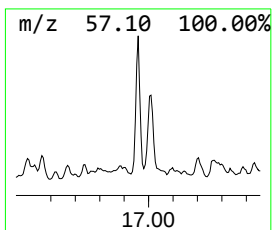
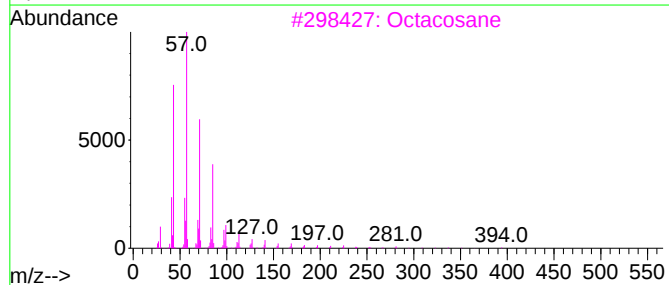
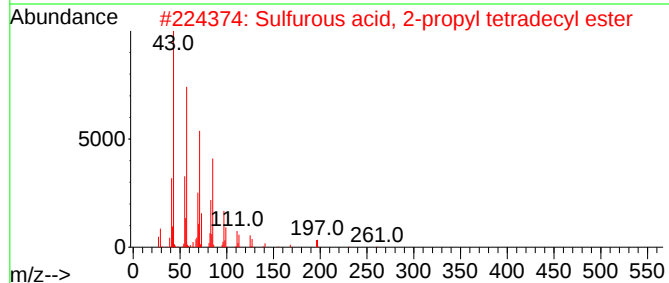
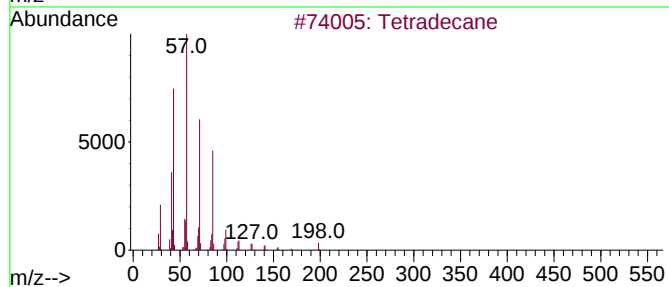
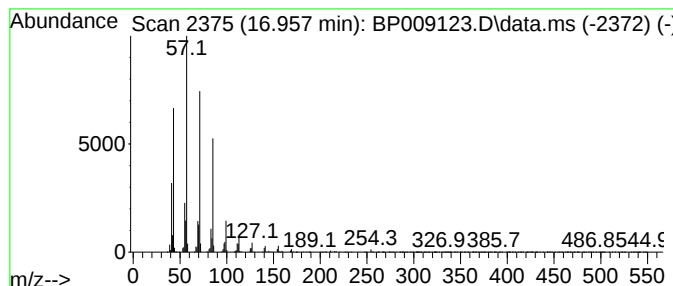
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Sulfurous acid, 2-propyl te... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.957	6.01 ng	957148	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1010309-12-5	90
3			Octacosane	394	C28H58	000630-02-4	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

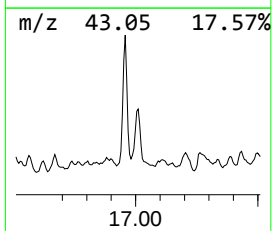
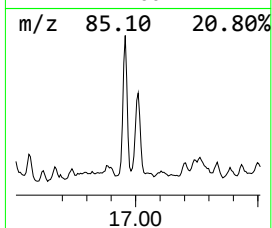
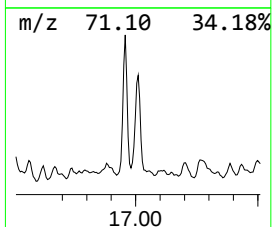
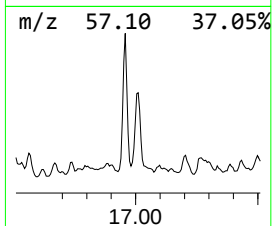
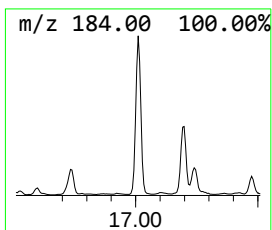
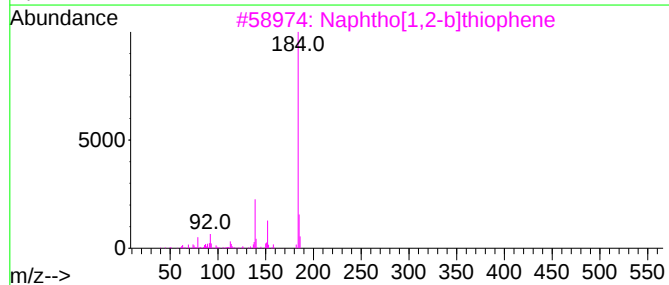
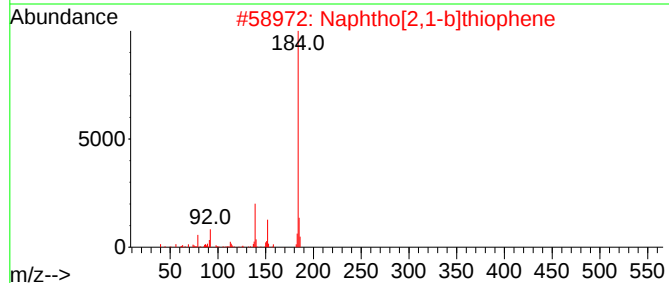
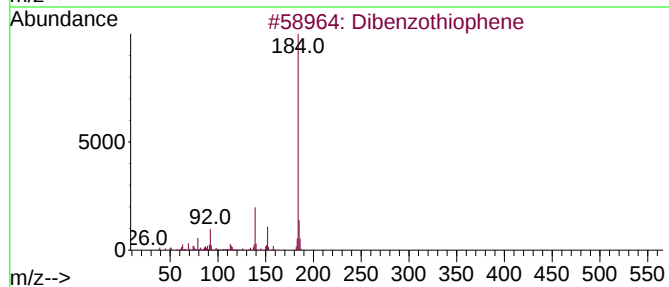
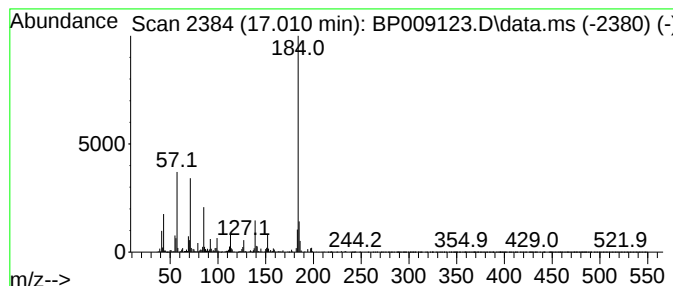
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.010	14.76 ng	2350390	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	94
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

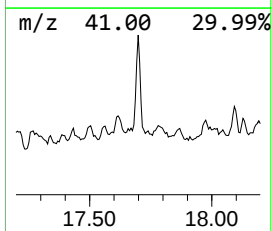
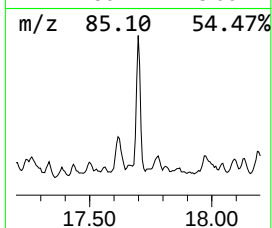
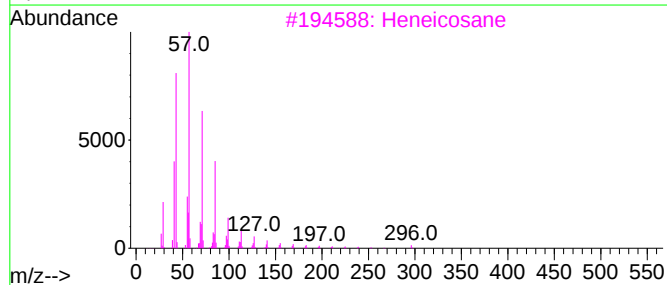
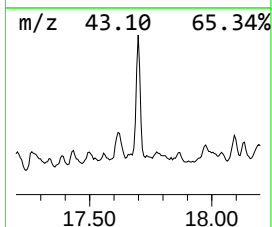
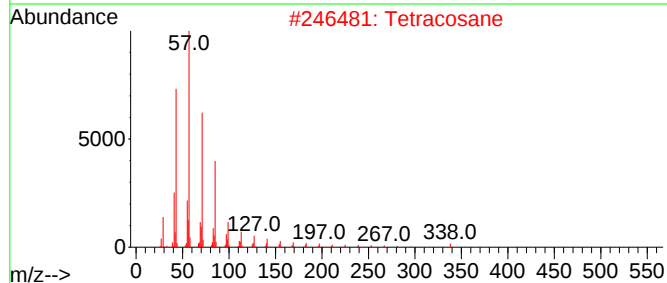
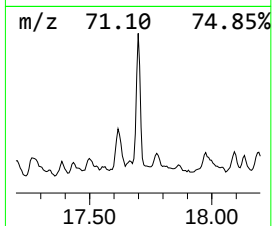
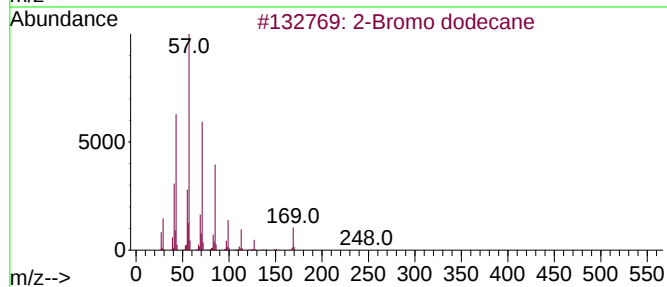
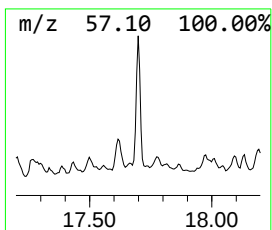
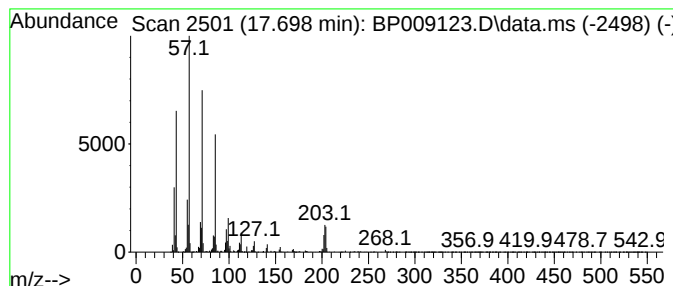
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Bromo dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.698	11.68 ng	1859020	Phenanthrene-d10	17.192	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2	Tetracosane	338	C24H50	000646-31-1	83
3	Heneicosane	296	C21H44	000629-94-7	80
4	Nonadecane	268	C19H40	000629-92-5	74
5	Heptadecane	240	C17H36	000629-78-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

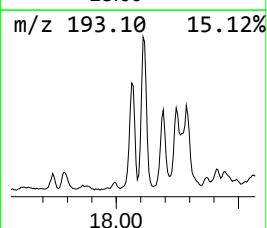
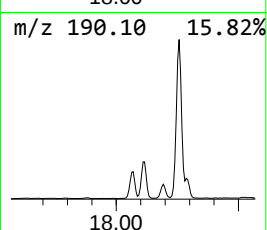
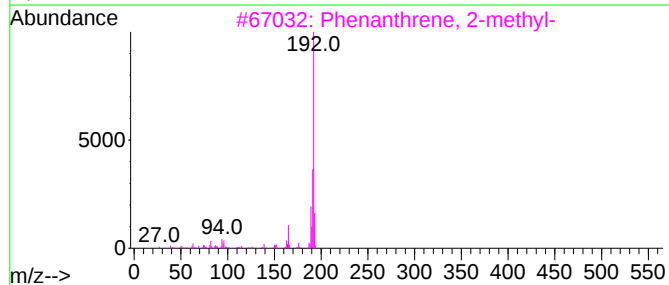
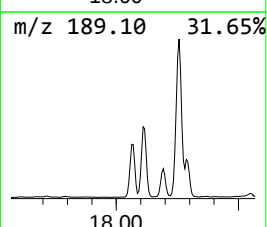
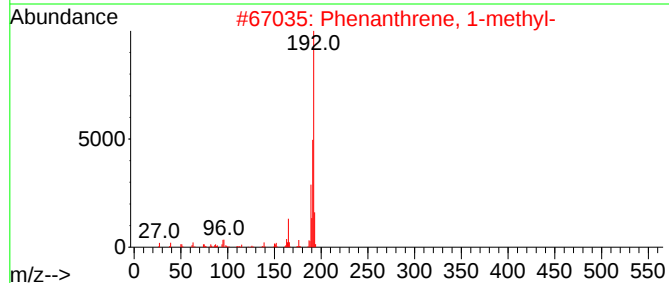
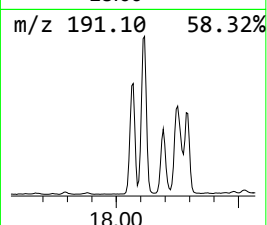
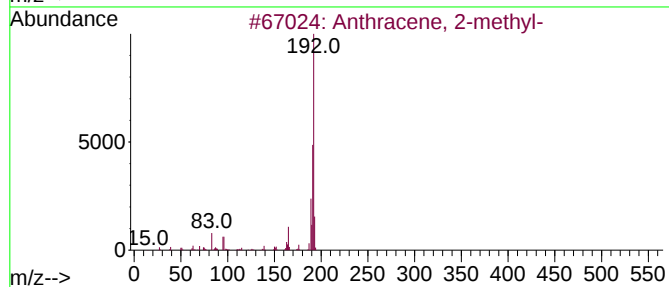
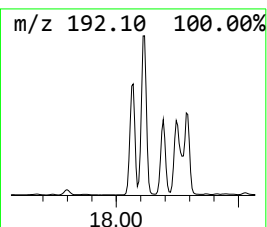
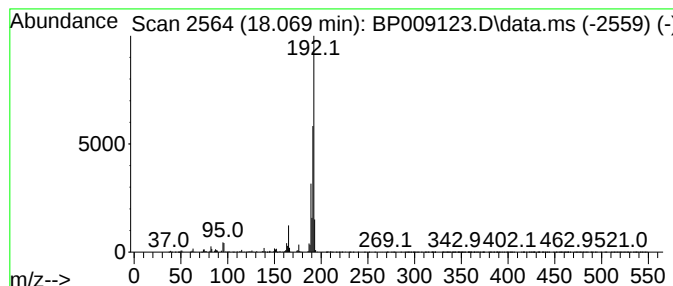
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.069	13.49 ng	2147480	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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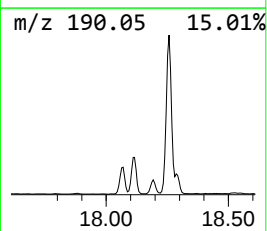
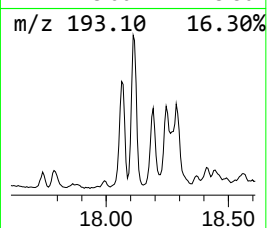
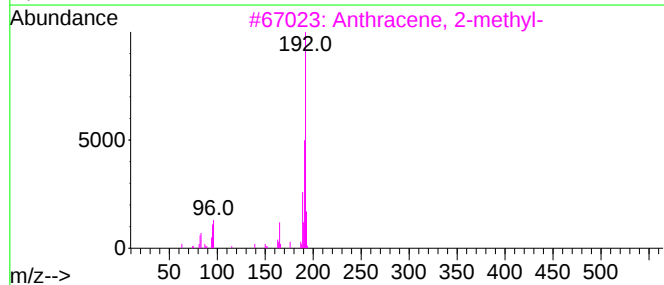
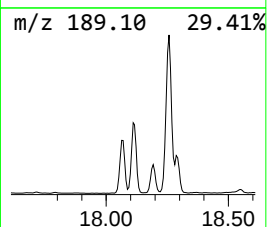
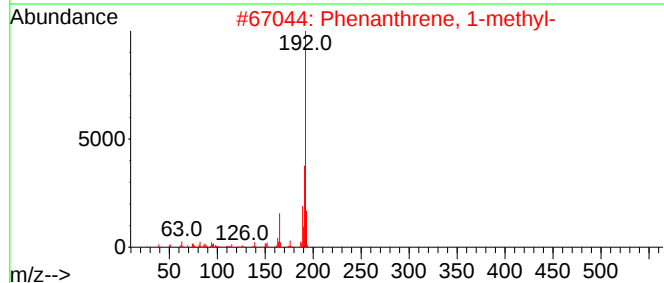
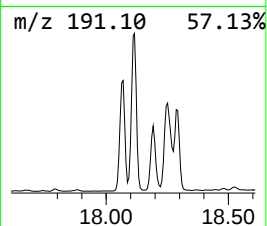
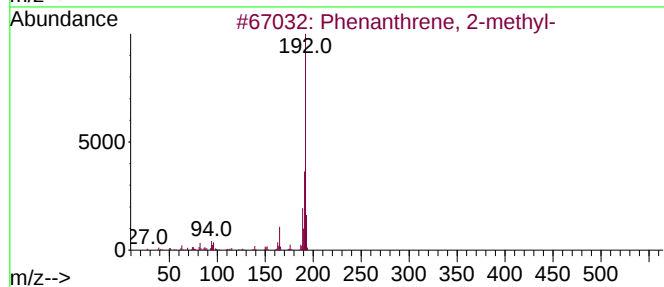
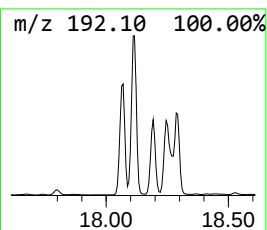
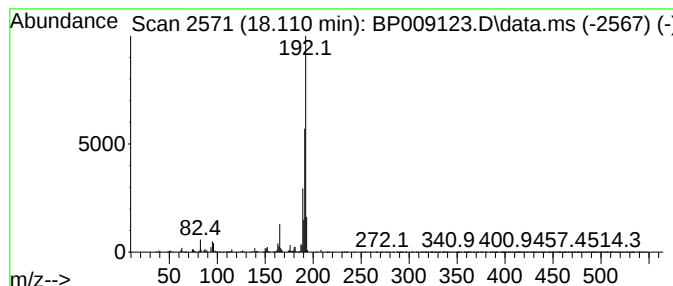
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	25.59 ng	4073520	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

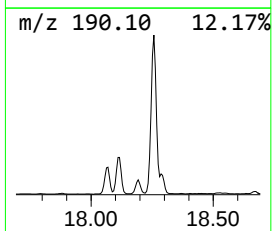
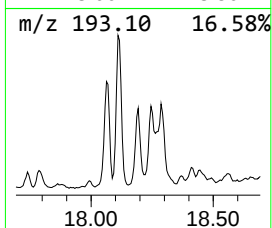
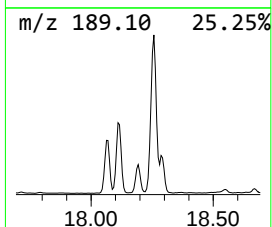
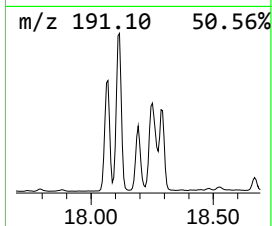
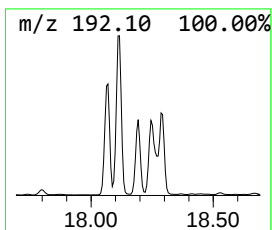
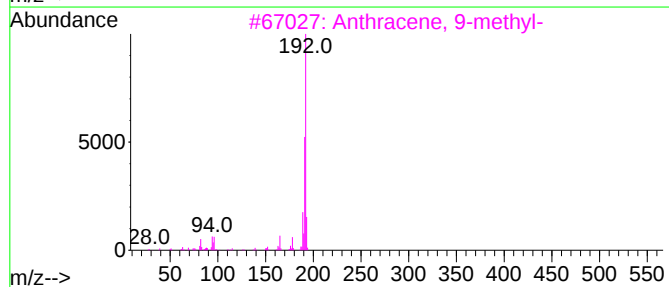
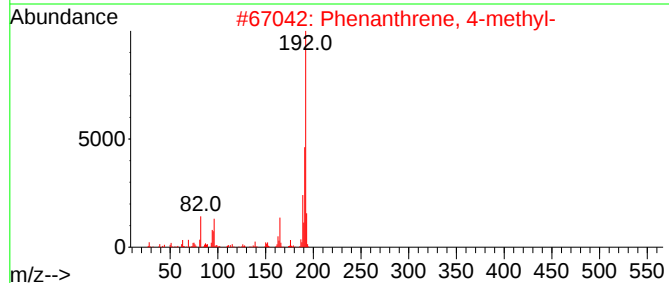
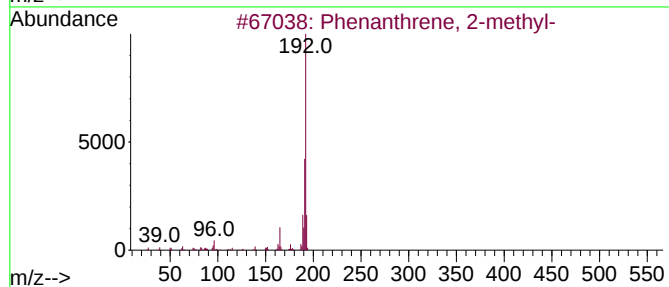
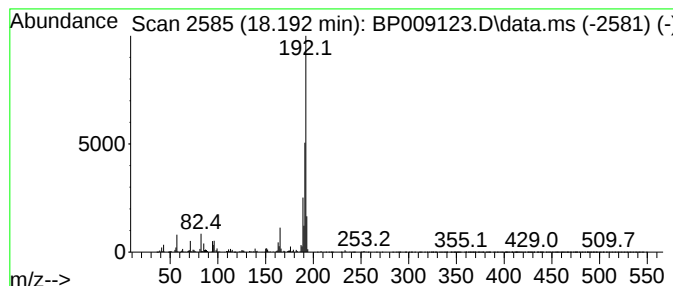
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	8.92 ng	1420030	Phenanthrene-d10	17.192

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
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Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
POST-EX-01-0207

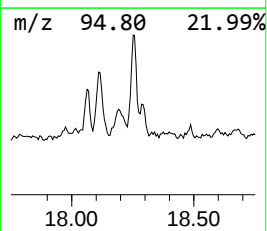
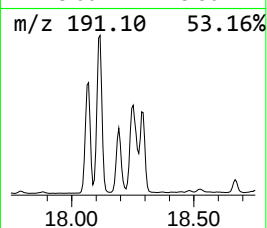
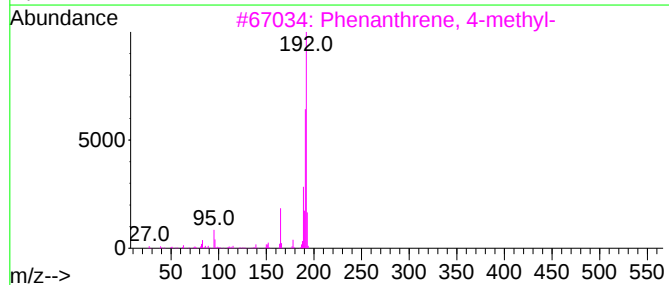
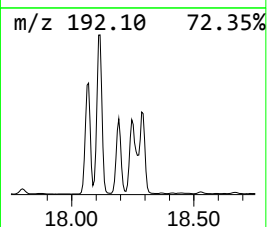
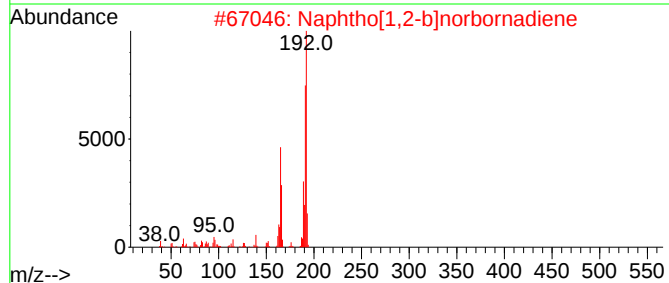
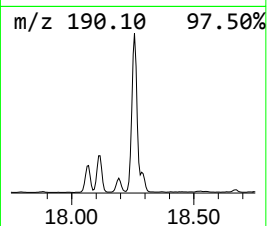
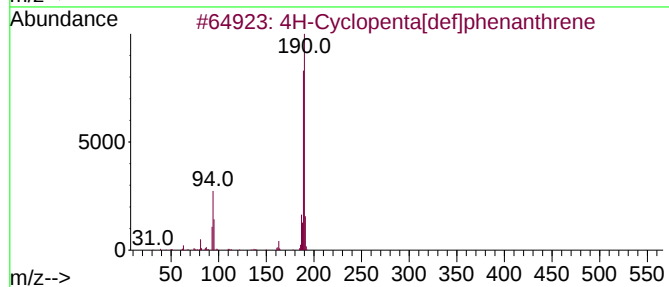
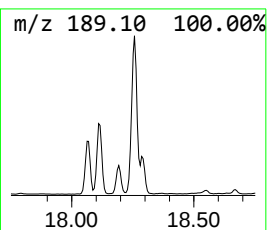
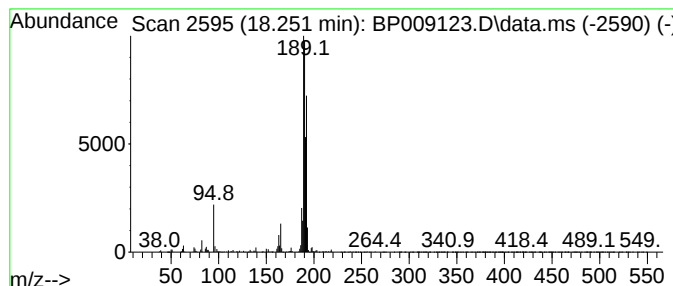
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	24.52 ng	3903000	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
POST-EX-01-0207

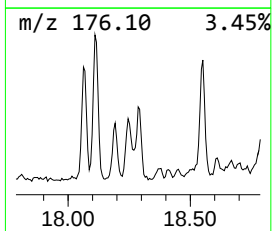
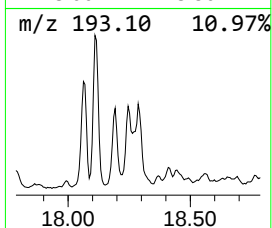
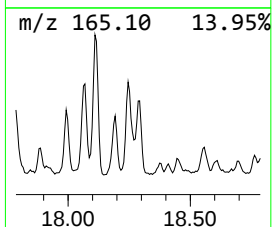
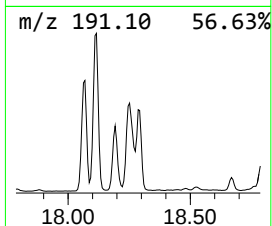
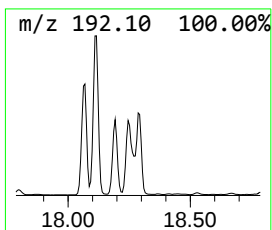
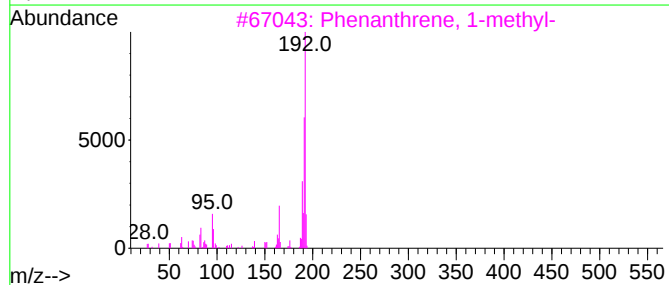
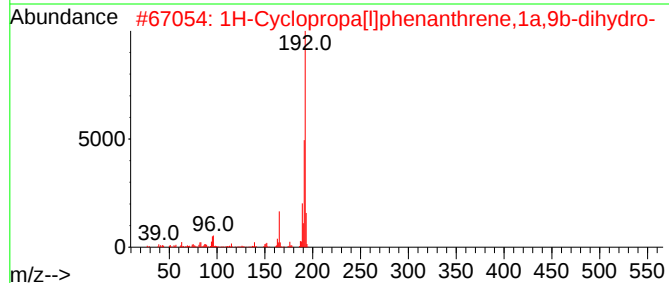
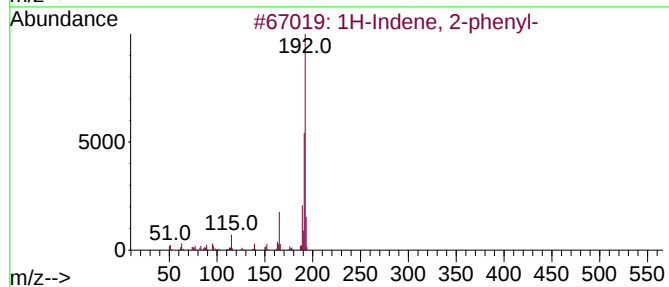
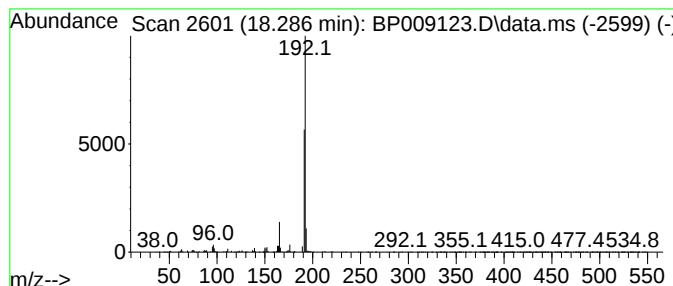
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.287	9.17 ng	1459240	Phenanthrene-d10	17.192

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
5		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

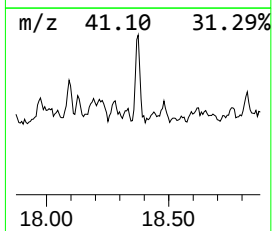
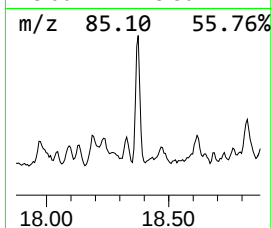
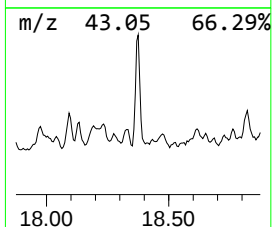
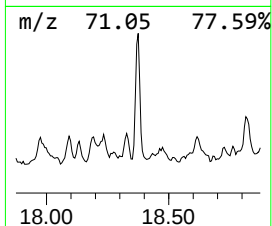
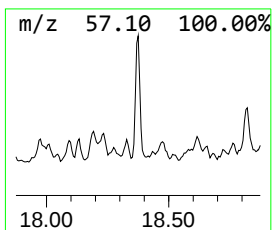
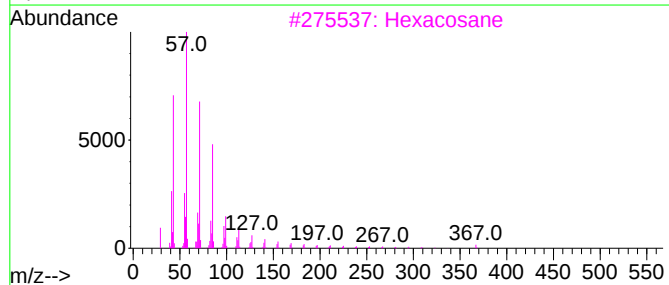
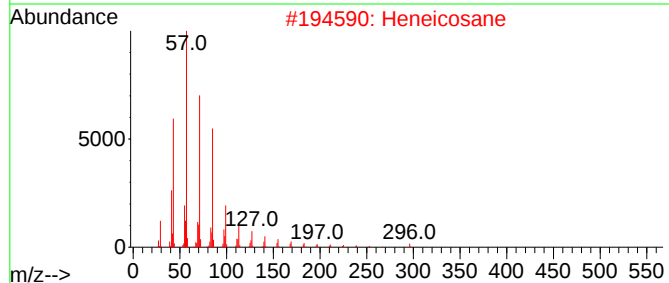
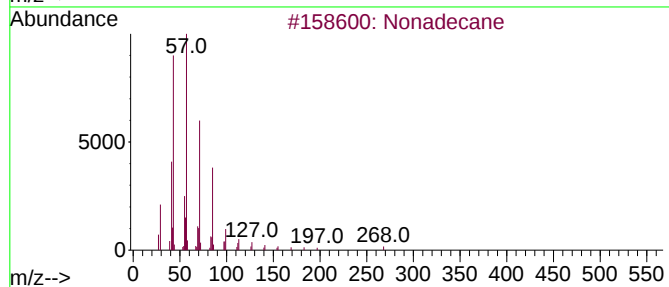
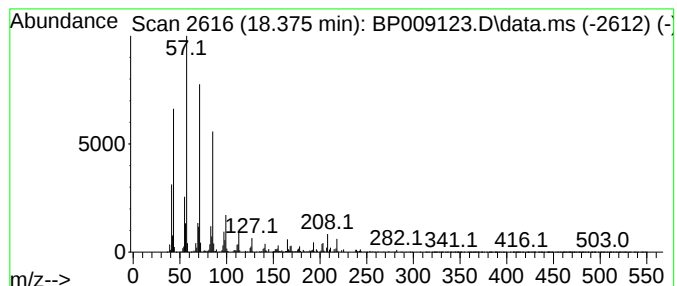
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	6.12 ng	974643	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Heneicosane	296	C21H44	000629-94-7	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Eicosane	282	C20H42	000112-95-8	87
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
POST-EX-01-0207

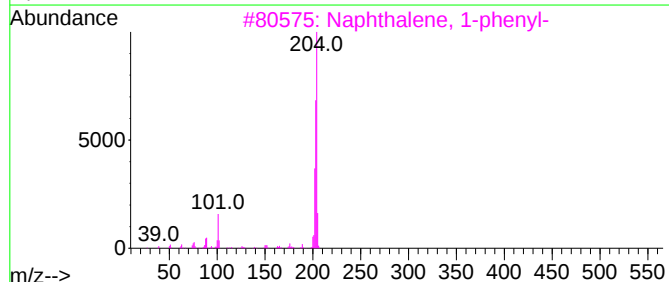
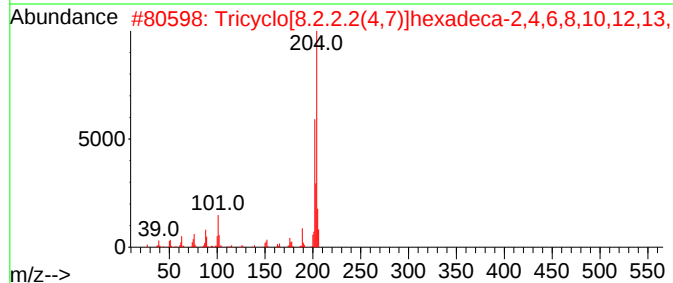
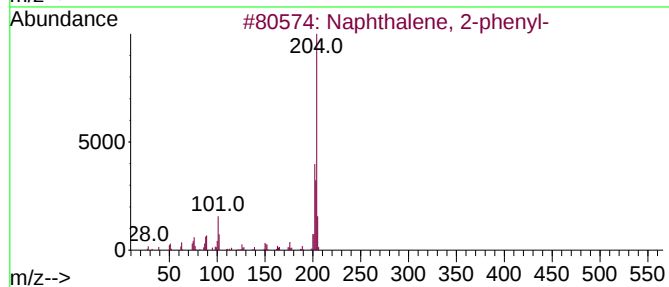
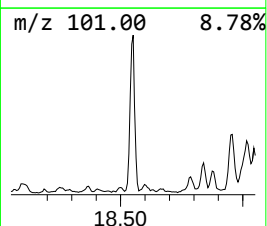
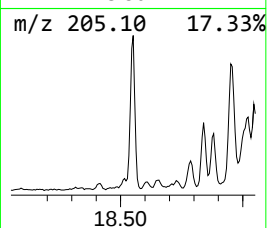
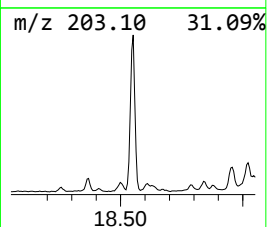
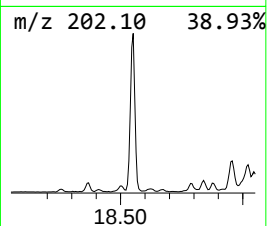
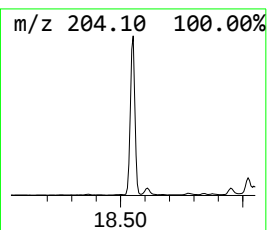
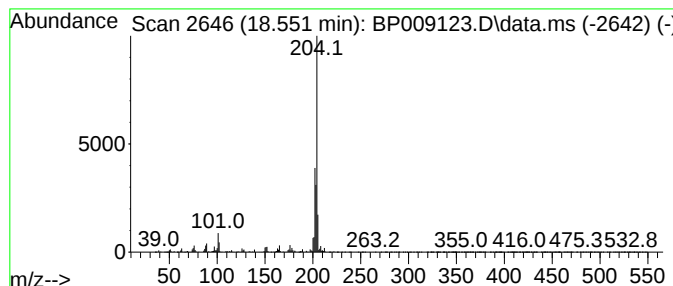
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.551	12.75 ng	2029200	Phenanthrene-d10	17.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
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ALS Vial : 14 Sample Multiplier: 1

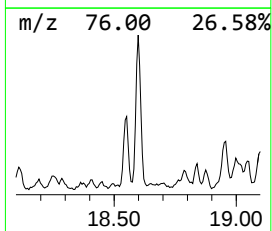
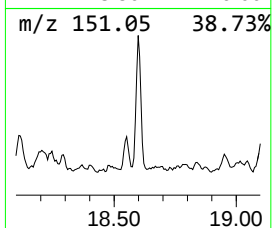
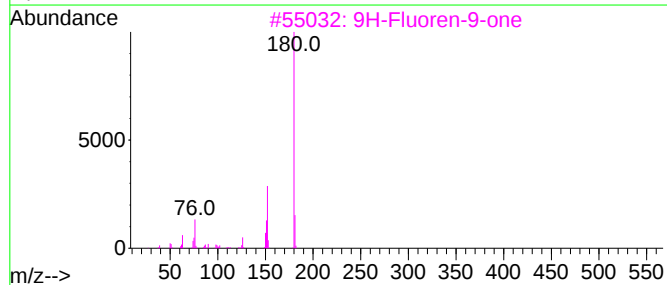
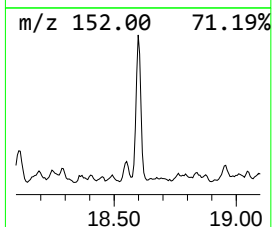
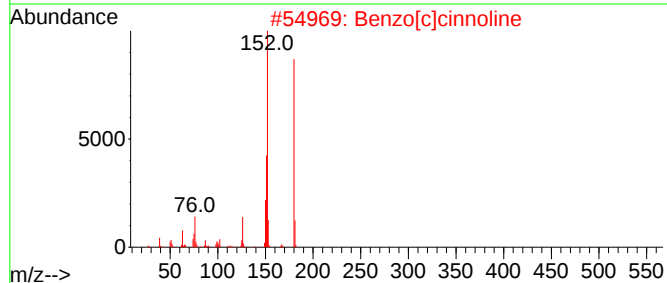
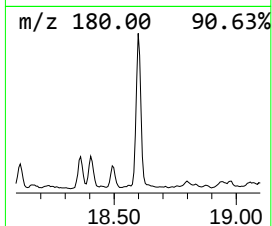
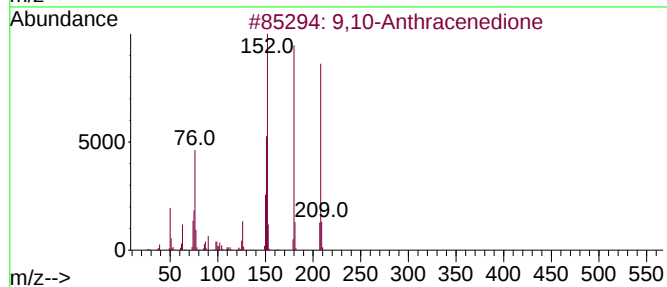
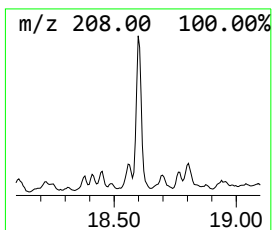
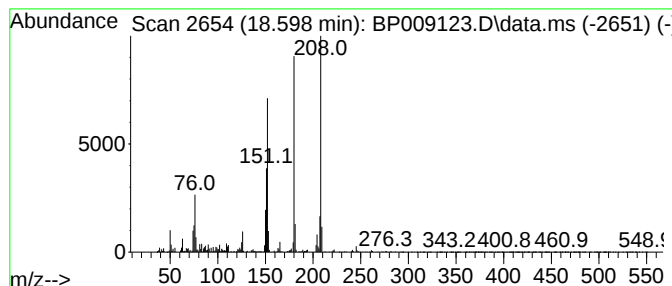
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.598	6.80 ng	1082720	Phenanthrene-d10			17.192
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one		180	C13H8O	000486-25-9	64
4	1H-Phenalen-1-one		180	C13H8O	000548-39-0	55
5	Diphenic anhydride		224	C14H8O3	006050-13-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
POST-EX-01-0207

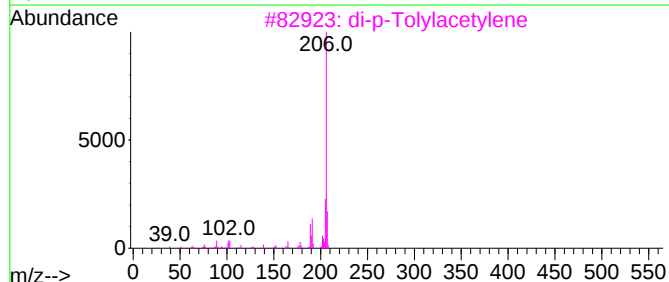
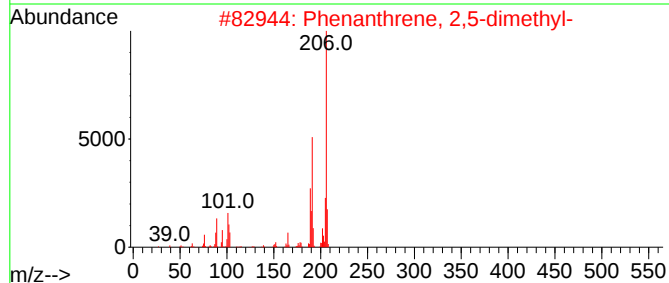
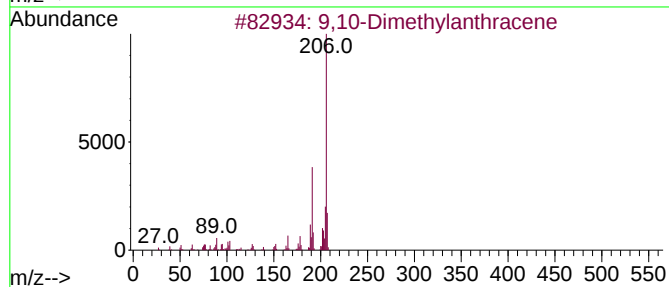
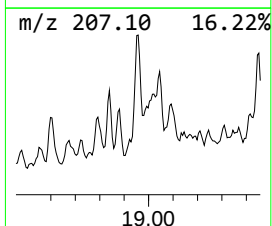
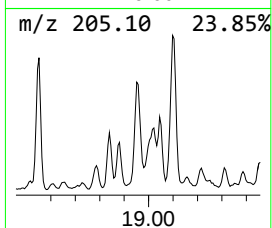
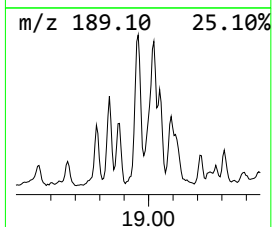
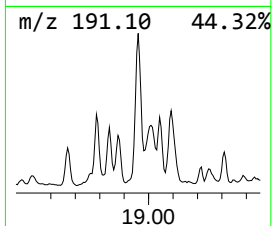
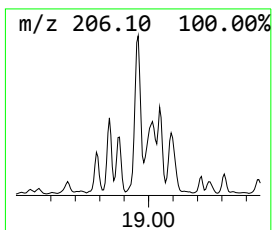
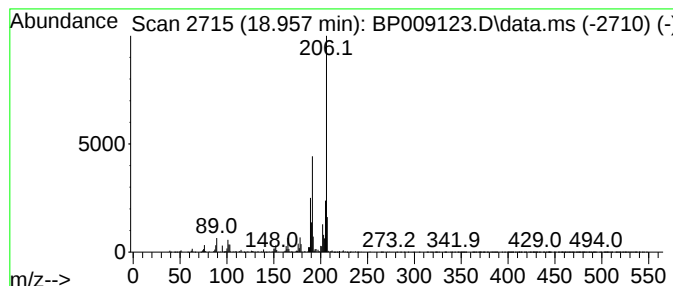
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,10-Dimethylantracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.957	10.72 ng	1706480	Phenanthrene-d10	17.192

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	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
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Acq On : 11 Feb 2022 20:44
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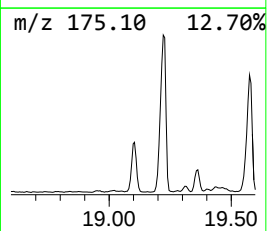
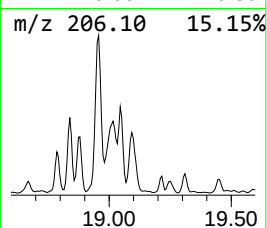
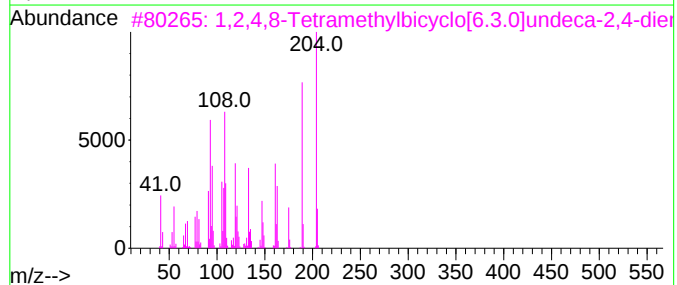
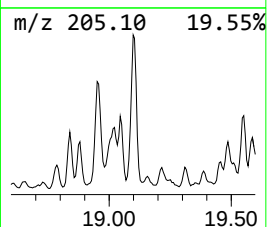
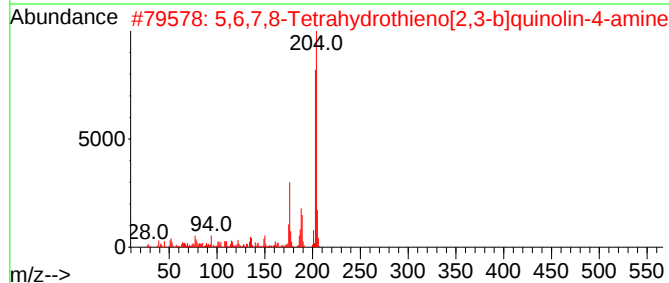
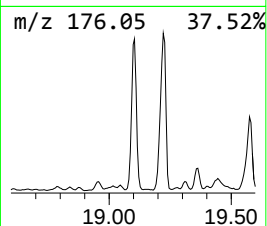
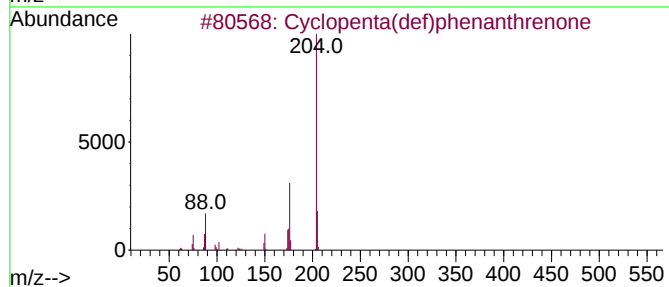
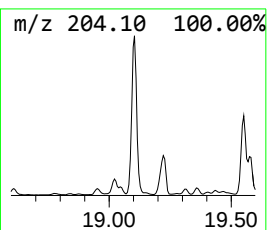
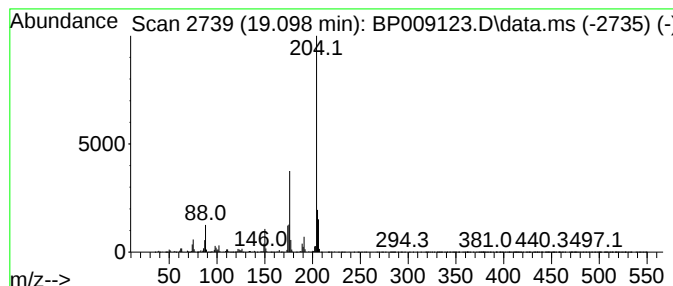
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.098	17.04 ng	2712120	Phenanthrene-d10			17.192
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	64
3	1,2,4,8-Tetramethylbicyclo[6.3.0]...		204	C15H24	137235-51-9	49
4	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	47
5	Quinoline, 8-methoxy-5-nitro-		204	C10H8N2O3	1000298-88-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
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ALS Vial : 14 Sample Multiplier: 1

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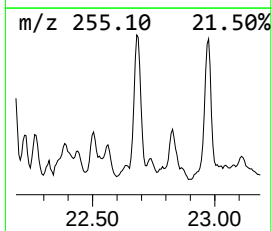
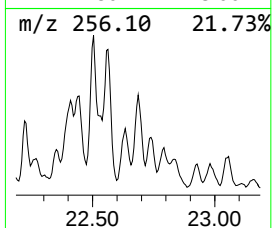
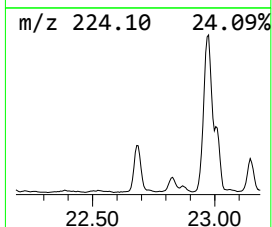
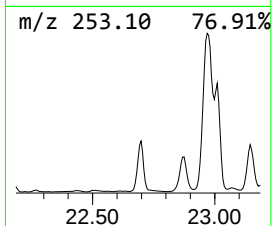
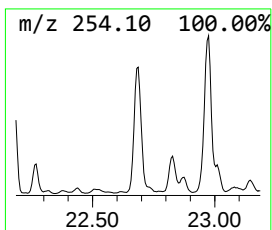
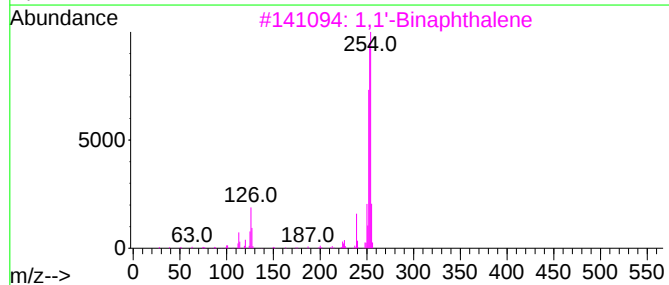
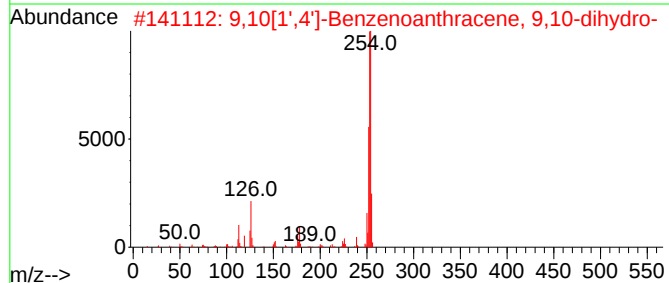
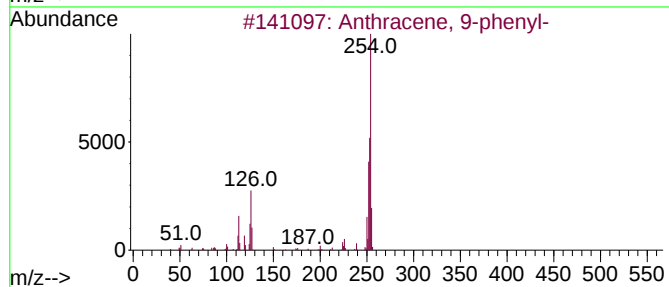
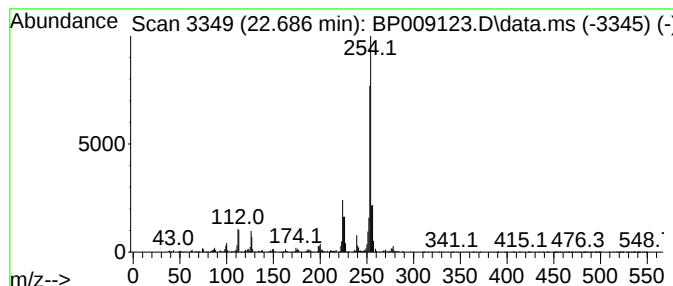
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Anthracene, 9-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.686	13.10 ng	2158720	Perylene-d12	23.686

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-phenyl-	254	C20H14	000602-55-1	72
2			9,10[1',4']-Benzenoanthracene, 9...	254	C20H14	1000487-02-7	68
3			1,1'-Binaphthalene	254	C20H14	000604-53-5	64
4			9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
5			1,2'-Binaphthalene	254	C20H14	004325-74-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

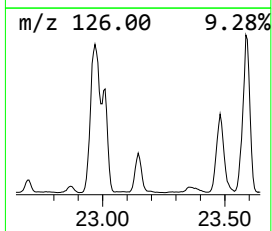
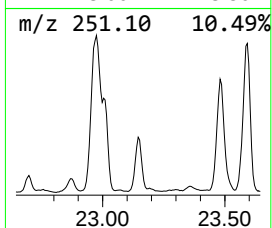
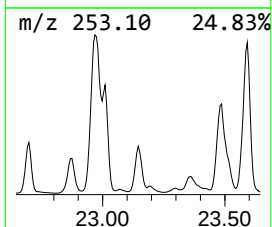
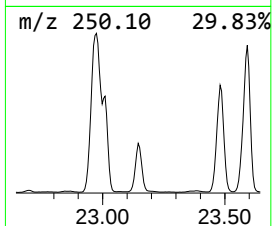
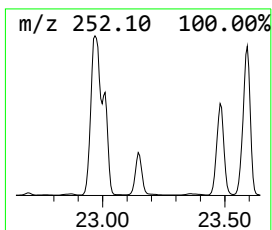
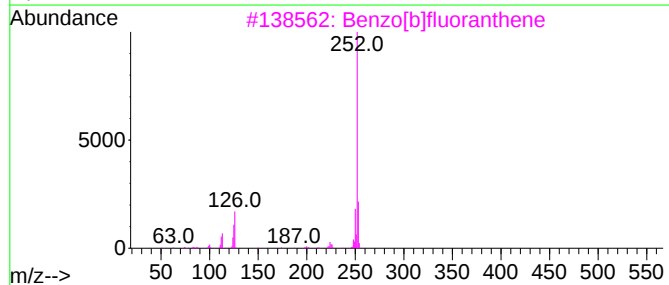
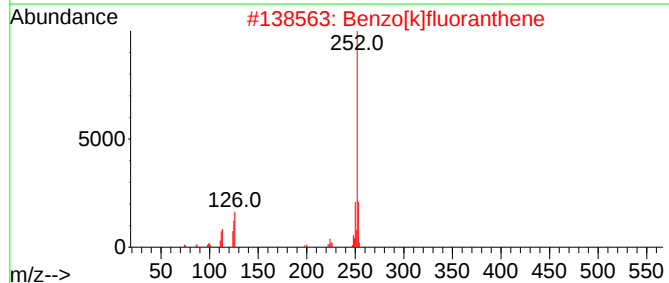
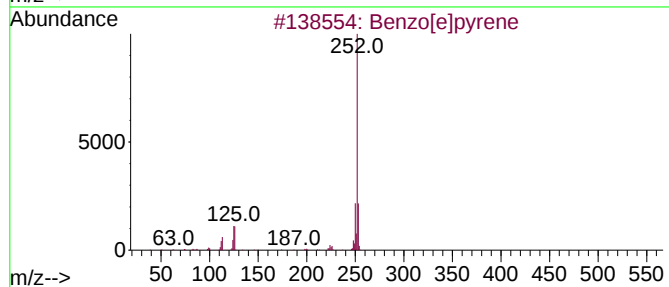
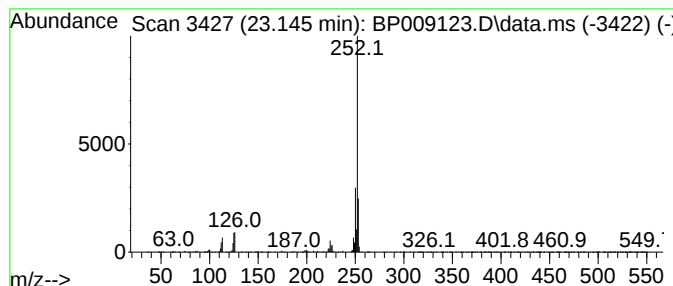
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.145	18.89 ng	3112970	Perylene-d12	23.686

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

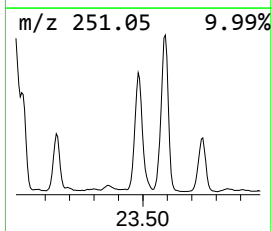
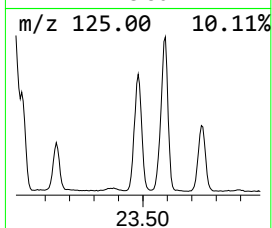
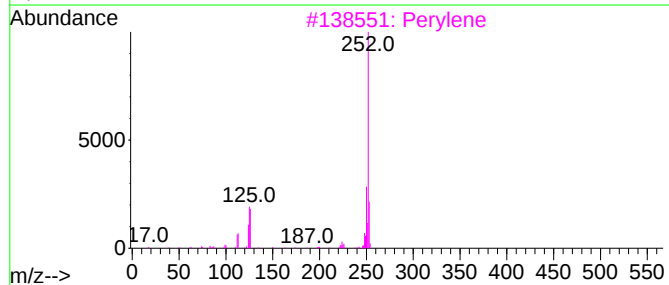
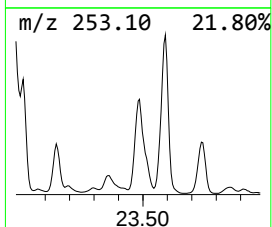
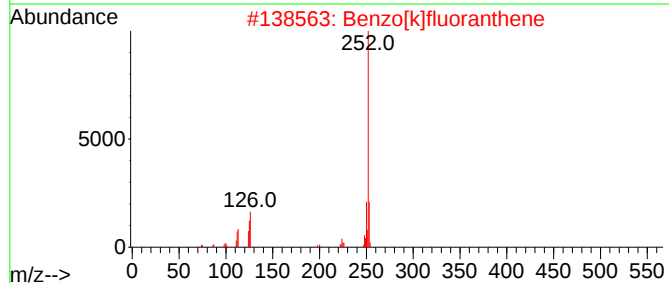
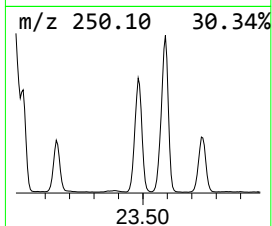
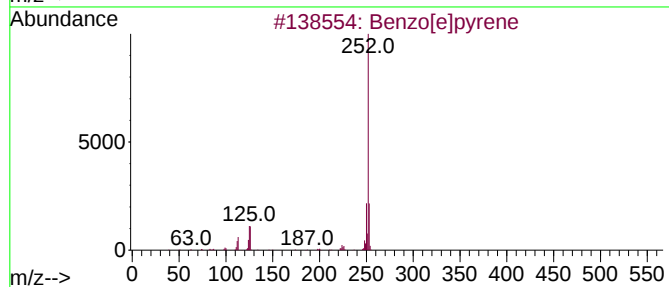
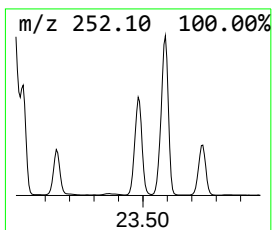
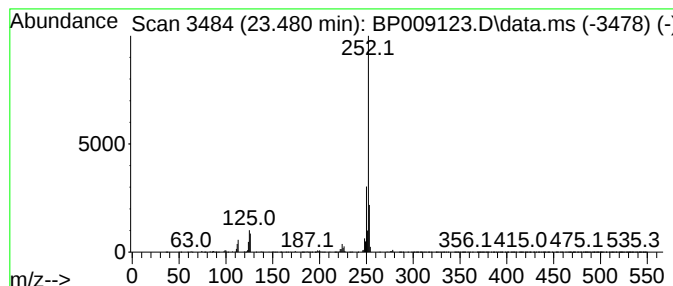
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.480	52.49 ng	8651180	Perylene-d12	23.686

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Perylene	252	C20H12	000198-55-0	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
Data File : BP009123.D
Acq On : 11 Feb 2022 20:44
Operator : CG/JU
Sample : N1426-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-EX-01-0207

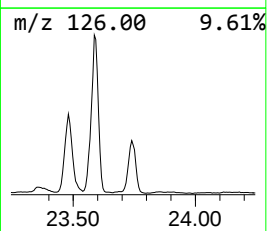
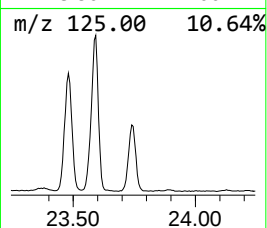
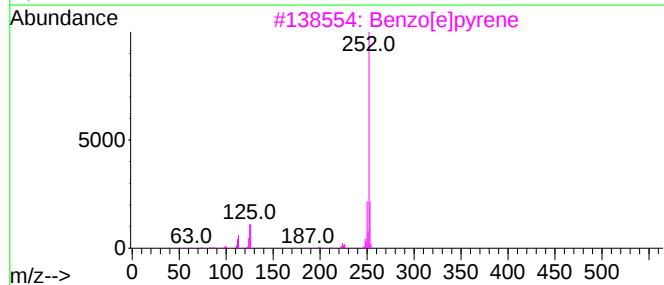
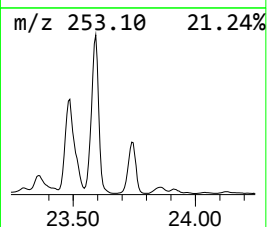
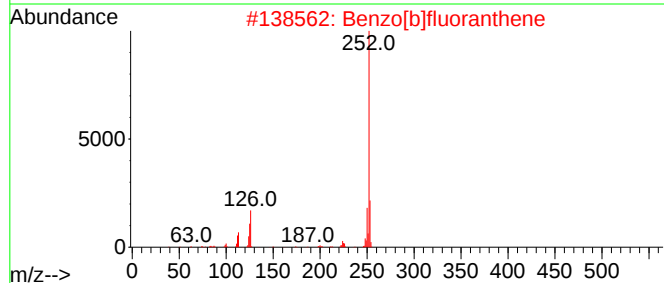
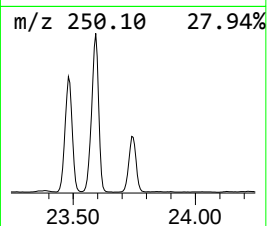
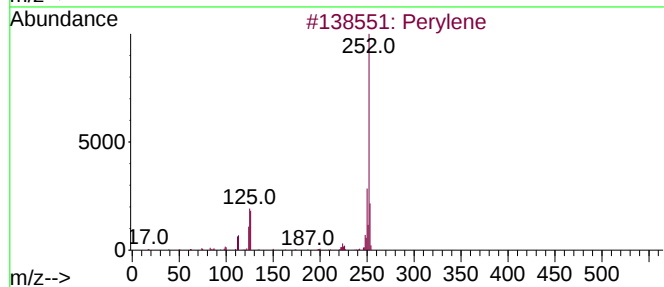
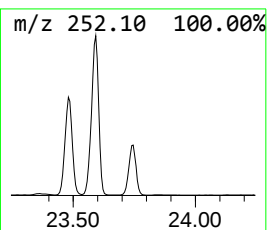
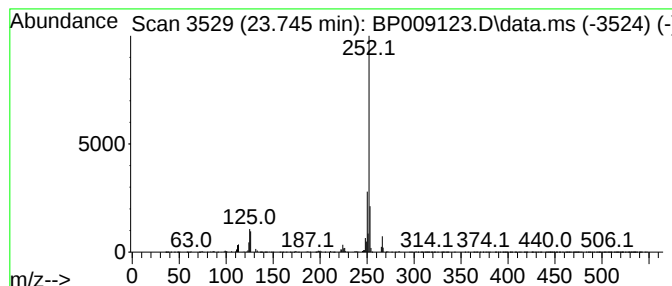
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.745	27.75 ng	4574100	Perylene-d12	23.686

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	96
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Benzo[e]pyrene	252	C20H12	000192-97-2	95
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009123.D
 Acq On : 11 Feb 2022 20:44
 Operator : CG/JU
 Sample : N1426-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 POST-EX-01-0207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.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
Pentadecane	15.293	6.8	ng	1011490	3	14.434	2979340	20.0
Dibenzofuran, 4...	15.787	6.5	ng	967181	3	14.434	2979340	20.0
Tetradecane	16.163	13.2	ng	2103380	4	17.192	3184060	20.0
Sulfurous acid,...	16.957	6.0	ng	957148	4	17.192	3184060	20.0
Dibenzothiophene	17.010	14.8	ng	2350390	4	17.192	3184060	20.0
2-Bromo dodecane	17.698	11.7	ng	1859020	4	17.192	3184060	20.0
Anthracene, 2-m...	18.069	13.5	ng	2147480	4	17.192	3184060	20.0
Phenanthrene, 2...	18.110	25.6	ng	4073520	4	17.192	3184060	20.0
Phenanthrene, 4...	18.192	8.9	ng	1420030	4	17.192	3184060	20.0
4H-Cyclopenta[d...	18.251	24.5	ng	3903000	4	17.192	3184060	20.0
1H-Indene, 2-ph...	18.287	9.2	ng	1459240	4	17.192	3184060	20.0
Nonadecane	18.375	6.1	ng	974643	4	17.192	3184060	20.0
Naphthalene, 2-...	18.551	12.8	ng	2029200	4	17.192	3184060	20.0
9,10-Anthracene...	18.598	6.8	ng	1082720	4	17.192	3184060	20.0
9,10-Dimethylan...	18.957	10.7	ng	1706480	4	17.192	3184060	20.0
Cyclopenta(def)...	19.098	17.0	ng	2712120	4	17.192	3184060	20.0
Anthracene, 9-p...	22.686	13.1	ng	2158720	6	23.686	3296440	20.0
Benzo[e]pyrene	23.145	18.9	ng	3112970	6	23.686	3296440	20.0
Perylene	23.480	52.5	ng	8651180	6	23.686	3296440	20.0
Benzo[j]fluoran...	23.745	27.8	ng	4574100	6	23.686	3296440	20.0