

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008423.D
 Acq On : 15 Dec 2021 18:41
 Operator : CG/JU
 Sample : M5029-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PSC-124035

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-BP121421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008423.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	316	320	336	rVB	168573	265053	2.79%	0.346%
2	5.340	394	400	418	rBV	777372	1329467	14.02%	1.736%
3	6.940	665	672	694	rBV	690006	1375202	14.50%	1.796%
4	7.740	802	808	816	rBV	192627	318013	3.35%	0.415%
5	8.904	999	1006	1021	rBV	483976	886234	9.34%	1.157%
6	10.534	1274	1283	1288	rBV	241256	429748	4.53%	0.561%
7	10.587	1288	1292	1301	rVB	124558	216471	2.28%	0.283%
8	12.428	1598	1605	1615	rVB	74367	130849	1.38%	0.171%
9	13.010	1695	1704	1716	rBV	1145579	1673221	17.64%	2.185%
10	13.222	1735	1740	1752	rVB2	62957	105548	1.11%	0.138%
11	13.557	1790	1797	1808	rBV3	51132	136798	1.44%	0.179%
12	13.716	1817	1824	1829	rBV2	97683	187351	1.98%	0.245%
13	13.769	1829	1833	1842	rVB2	61930	106233	1.12%	0.139%
14	13.951	1856	1864	1867	rBV	68999	114679	1.21%	0.150%
15	14.116	1886	1892	1902	rVB	109252	168323	1.77%	0.220%
16	14.392	1926	1939	1944	rBV2	398302	868749	9.16%	1.135%
17	14.457	1944	1950	1959	rVB	1342233	1954378	20.61%	2.552%
18	14.704	1984	1992	1996	rBV2	67500	110453	1.16%	0.144%
19	14.798	2002	2008	2014	rVB	734419	1075604	11.34%	1.405%
20	15.451	2112	2119	2124	rBV	1464113	2098342	22.13%	2.740%
21	15.545	2130	2135	2137	rBV2	67060	102645	1.08%	0.134%
22	15.575	2137	2140	2142	rVV	127054	165196	1.74%	0.216%
23	15.610	2142	2146	2150	rVV	179224	258565	2.73%	0.338%
24	15.698	2157	2161	2164	rVV2	92039	130605	1.38%	0.171%
25	15.745	2164	2169	2177	rVB	284128	409975	4.32%	0.535%
26	15.863	2184	2189	2191	rBV	178874	266092	2.81%	0.348%
27	15.898	2191	2195	2202	rVV	1327658	2019821	21.30%	2.638%
28	15.981	2202	2209	2215	rVB2	66415	169063	1.78%	0.221%
29	16.139	2228	2236	2240	rVV4	76293	145035	1.53%	0.189%
30	16.186	2240	2244	2248	rVB	94451	114341	1.21%	0.149%
31	16.457	2283	2290	2295	rVB2	185565	332384	3.50%	0.434%
32	16.510	2295	2299	2305	rVB	74051	96283	1.02%	0.126%
33	16.610	2310	2316	2320	rVB2	95433	153039	1.61%	0.200%
34	16.728	2333	2336	2340	rVB	81410	97527	1.03%	0.127%
35	16.816	2347	2351	2357	rVB2	131850	219536	2.31%	0.287%
36	16.892	2357	2364	2370	rBV3	120975	310141	3.27%	0.405%

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37	16.975	2373	2378	2387	rVB	430016	636703	6.71%	0.832%
38	17.157	2403	2409	2412	rBV	448573	681475	7.19%	0.890%
39	17.210	2412	2418	2423	rVV	5272193	7764181	81.87%	10.140%
40	17.292	2423	2432	2437	rVV	817890	1190757	12.56%	1.555%
41	17.357	2437	2443	2453	rVV2	202038	391091	4.12%	0.511%
42	17.439	2453	2457	2468	rVV8	34694	103602	1.09%	0.135%
43	17.569	2473	2479	2493	rVV	290146	618930	6.53%	0.808%
44	17.680	2493	2498	2505	rVV2	124886	223850	2.36%	0.292%
45	17.739	2505	2508	2516	rVB4	65437	141658	1.49%	0.185%
46	17.880	2528	2532	2537	rVB	66782	105268	1.11%	0.137%
47	18.028	2552	2557	2561	rBV	488666	678803	7.16%	0.887%
48	18.080	2561	2566	2571	rVV	635092	918693	9.69%	1.200%
49	18.157	2575	2579	2584	rVB	249847	326978	3.45%	0.427%
50	18.222	2584	2590	2594	rBV2	1187276	1855589	19.57%	2.423%
51	18.257	2594	2596	2605	rVB2	267405	308915	3.26%	0.403%
52	18.516	2636	2640	2645	rVB	449979	554855	5.85%	0.725%
53	18.569	2645	2649	2653	rBV	121136	142526	1.50%	0.186%
54	18.757	2677	2681	2685	rBV2	110384	150397	1.59%	0.196%
55	18.804	2686	2689	2693	rVV	86193	103112	1.09%	0.135%
56	18.922	2704	2709	2713	rBV	166214	248951	2.63%	0.325%
57	18.986	2716	2720	2723	rVB2	75755	103443	1.09%	0.135%
58	19.069	2728	2734	2740	rBV3	118622	245683	2.59%	0.321%
59	19.192	2747	2755	2758	rBV	6984032	9483606	100.00%	12.386%
60	19.233	2758	2762	2766	rVV2	801455	1040270	10.97%	1.359%
61	19.280	2766	2770	2776	rVB2	162341	221432	2.33%	0.289%
62	19.416	2788	2793	2797	rBV2	165560	232475	2.45%	0.304%
63	19.510	2803	2809	2810	rBV	1138657	1452625	15.32%	1.897%
64	19.539	2810	2814	2821	rVV	4482650	6435127	67.86%	8.404%
65	19.604	2821	2825	2832	rVB2	217683	343176	3.62%	0.448%
66	19.733	2839	2847	2851	rBV2	2134830	2924051	30.83%	3.819%
67	19.780	2851	2855	2861	rVB	160903	245595	2.59%	0.321%
68	19.845	2861	2866	2867	rBV	226593	280690	2.96%	0.367%
69	20.022	2885	2896	2900	rVV	848963	1479816	15.60%	1.933%
70	20.116	2908	2912	2916	rBV	865682	1053895	11.11%	1.376%
71	20.174	2916	2922	2925	rVV2	287381	533864	5.63%	0.697%
72	20.204	2925	2927	2932	rVB	125732	165971	1.75%	0.217%
73	20.251	2932	2935	2941	rVB4	77894	96949	1.02%	0.127%
74	20.310	2942	2945	2948	rBV	134817	166863	1.76%	0.218%
75	20.357	2949	2953	2957	rVV2	136550	175297	1.85%	0.229%
76	20.598	2991	2994	2997	rBV2	86535	103207	1.09%	0.135%

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77	20.633	2997	3000	3004	rVV2	108826	153661	1.62%	0.201%
78	20.710	3011	3013	3018	rVB2	85793	113719	1.20%	0.149%
79	20.757	3018	3021	3025	rBV	143703	166584	1.76%	0.218%
80	20.933	3044	3051	3052	rBV2	437091	820272	8.65%	1.071%
81	21.174	3088	3092	3096	rVB	1245367	1288097	13.58%	1.682%
82	21.251	3098	3105	3111	rVV2	1749542	3470389	36.59%	4.532%
83	21.304	3111	3114	3123	rVB	1344214	1638807	17.28%	2.140%
84	21.380	3123	3127	3131	rBV	832774	1083777	11.43%	1.415%
85	21.421	3131	3134	3137	rVV	264591	344498	3.63%	0.450%
86	21.451	3137	3139	3142	rVB2	132885	131691	1.39%	0.172%
87	21.592	3159	3163	3168	rVB2	147348	252868	2.67%	0.330%
88	21.774	3191	3194	3198	rBV	119033	177445	1.87%	0.232%
89	21.886	3211	3213	3220	rVB2	120394	181206	1.91%	0.237%
90	22.039	3237	3239	3243	rBV	83566	115441	1.22%	0.151%
91	22.139	3253	3256	3262	rVB2	134769	195735	2.06%	0.256%
92	22.916	3382	3388	3393	rBV	692652	1593323	16.80%	2.081%
93	23.421	3470	3474	3484	rVB	354765	683098	7.20%	0.892%
94	23.527	3486	3492	3499	rVV	450267	850451	8.97%	1.111%
95	23.633	3504	3510	3515	rBV	450044	835709	8.81%	1.091%

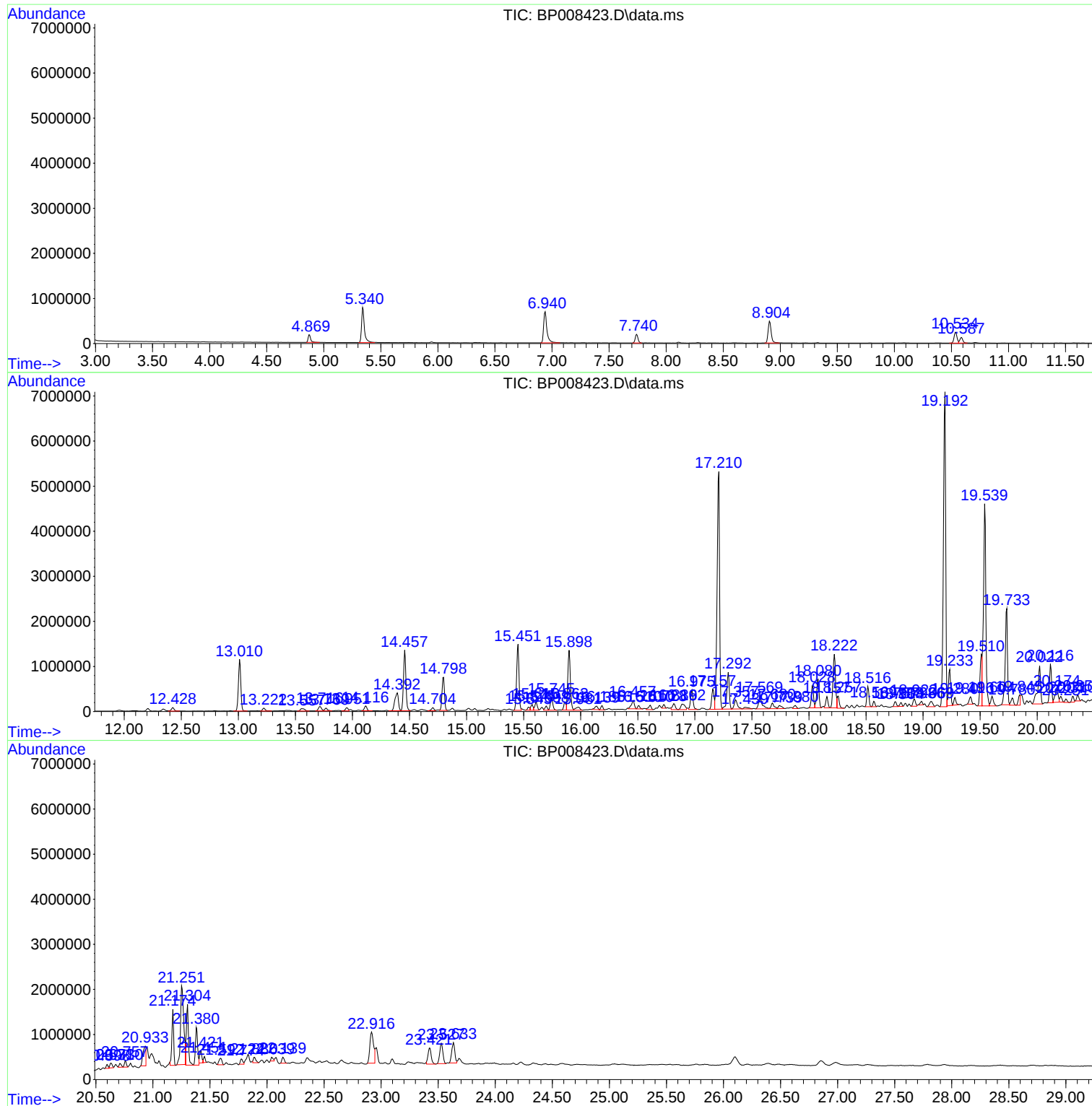
Sum of corrected areas: 76568104

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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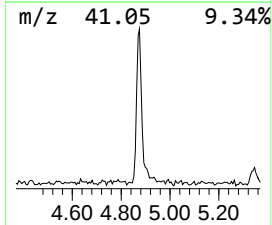
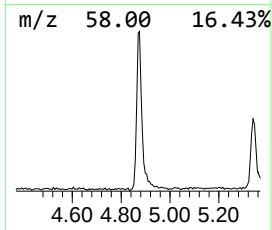
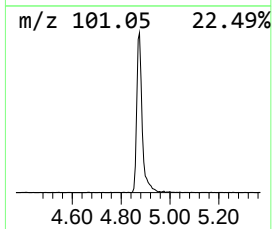
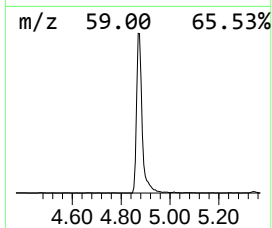
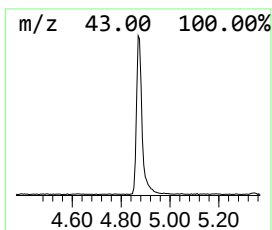
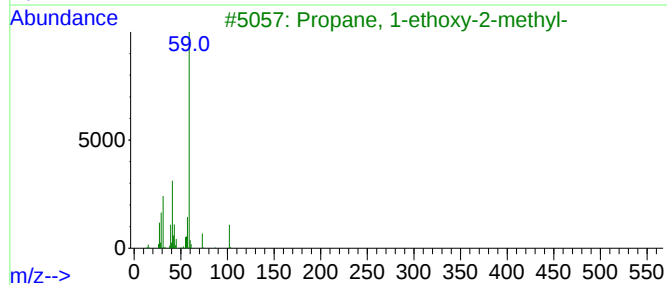
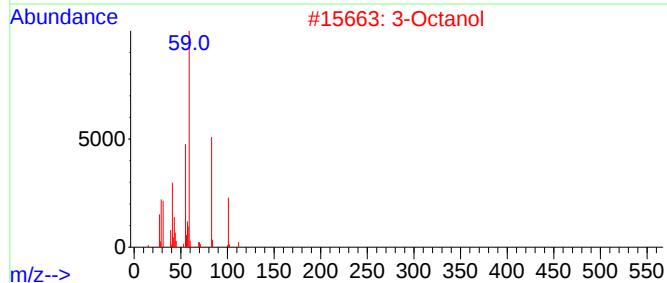
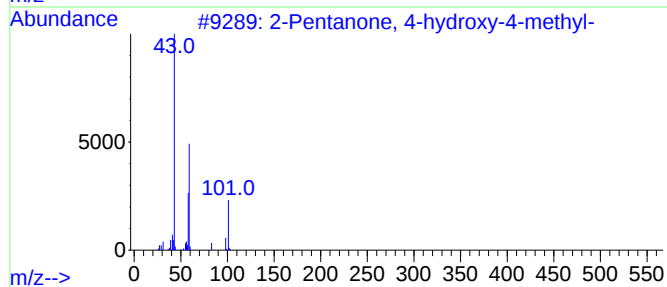
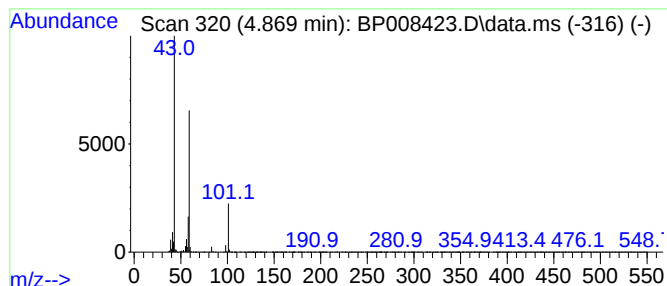
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	16.67 ng	265053	1,4-Dichlorobenzene-d4	7.740

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	3-Octanol	130	C8H18O	000589-98-0	36		
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35		
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23		
5	3-Pentanol	88	C5H12O	000584-02-1	23		



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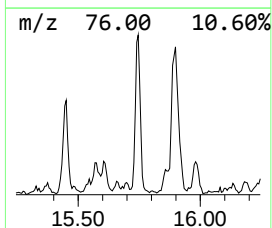
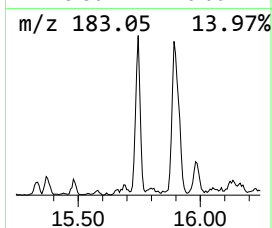
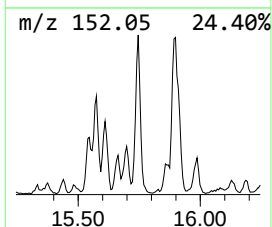
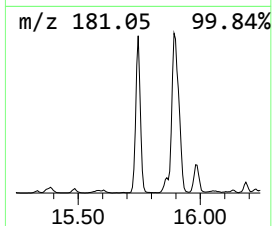
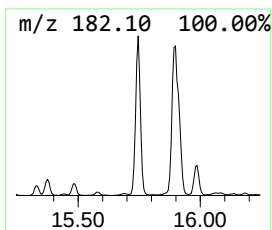
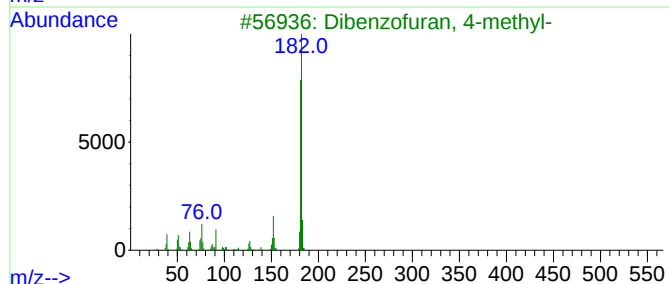
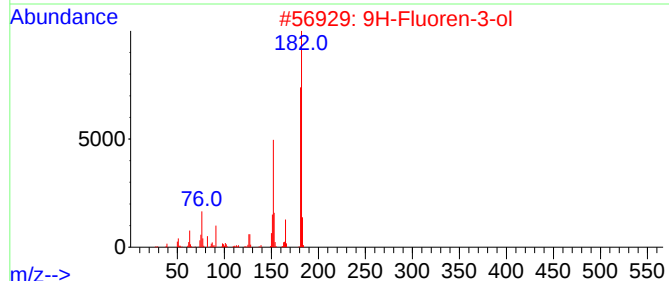
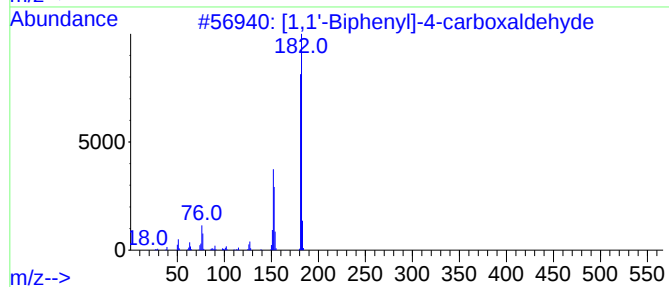
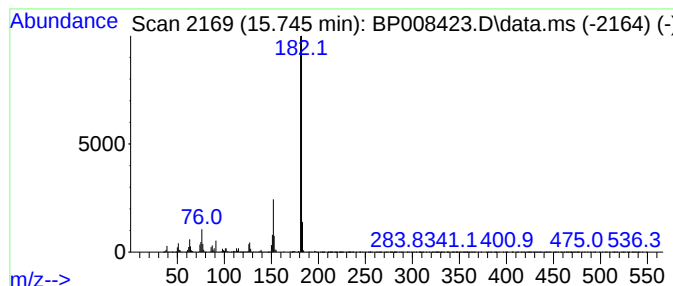
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.745	9.44 ng	409975	Acenaphthene-d10	14.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2		9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72



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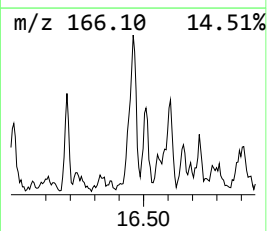
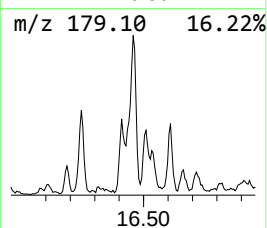
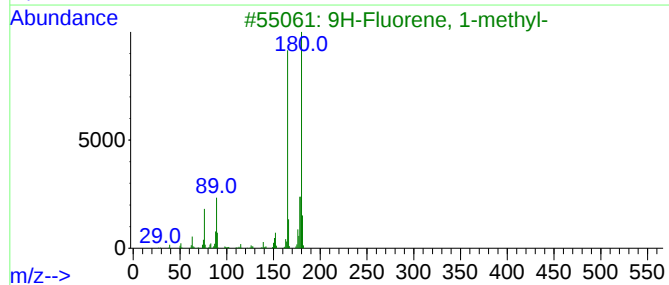
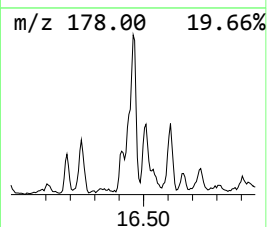
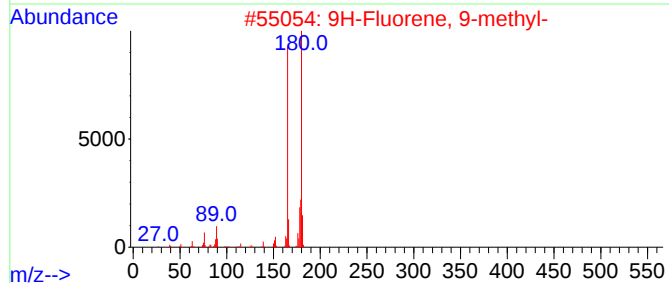
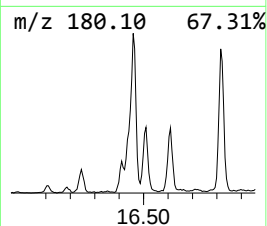
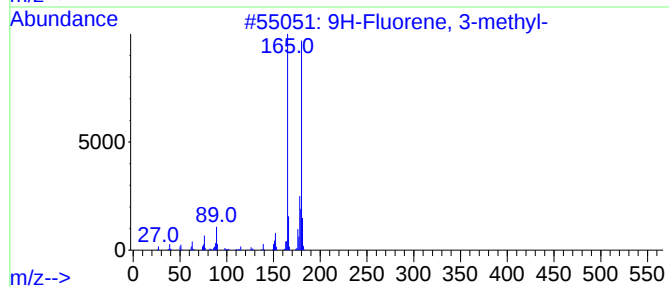
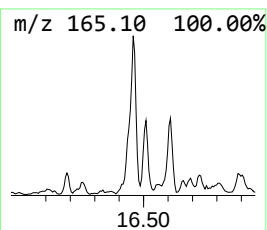
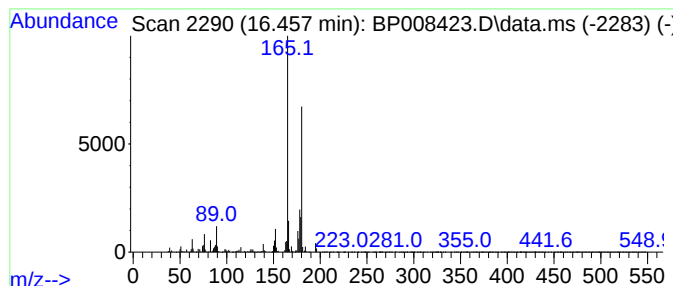
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.457	9.75 ng	332384	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-			180	C14H12	002523-39-9	93
2	9H-Fluorene, 9-methyl-			180	C14H12	002523-37-7	81
3	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	81
4	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	78
5	9H-Fluorene, 4-methyl-			180	C14H12	001556-99-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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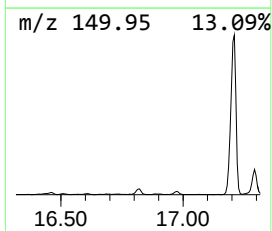
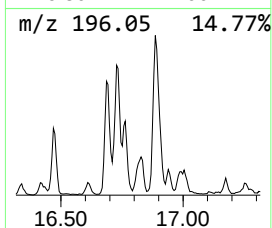
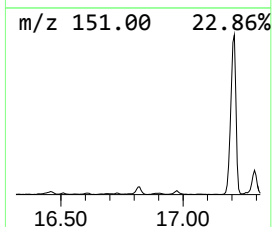
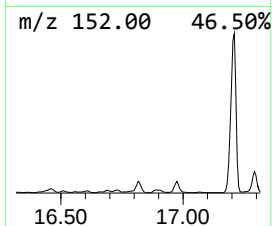
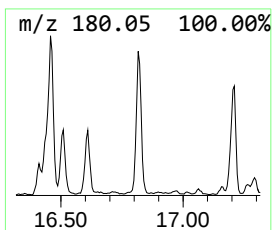
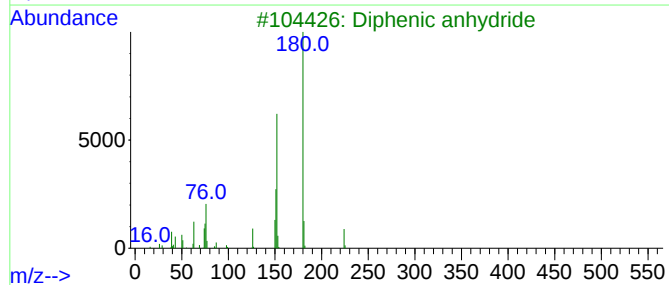
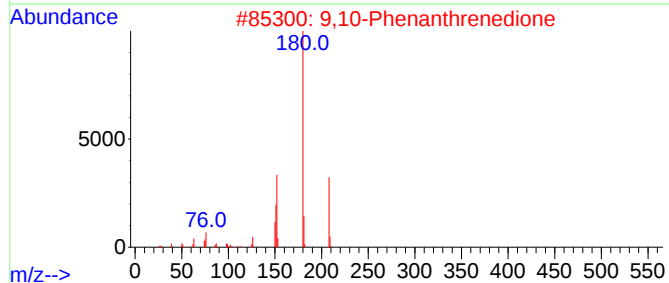
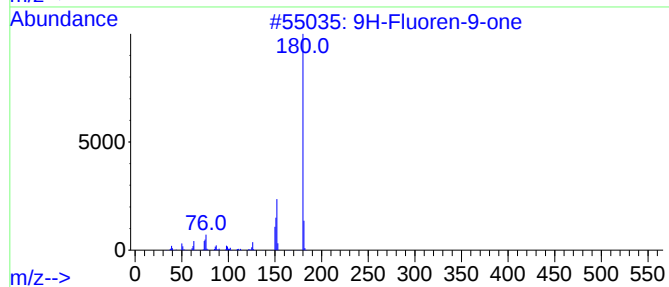
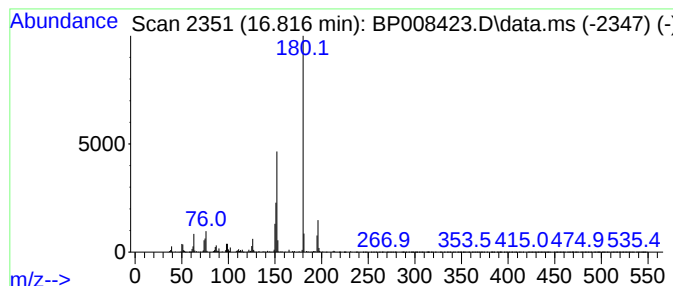
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.816	6.44 ng	219536	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
2			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3			Diphenic anhydride	224	C14H8O3	006050-13-1	78
4			Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	47
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
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ALS Vial : 16 Sample Multiplier: 1

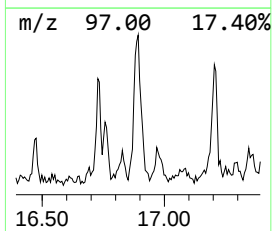
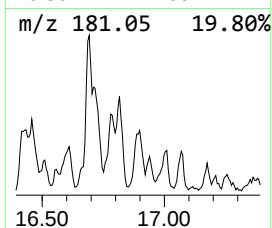
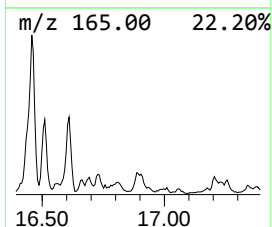
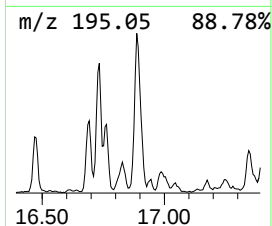
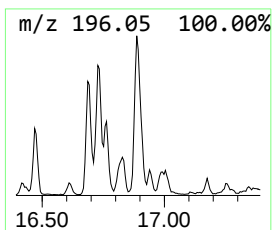
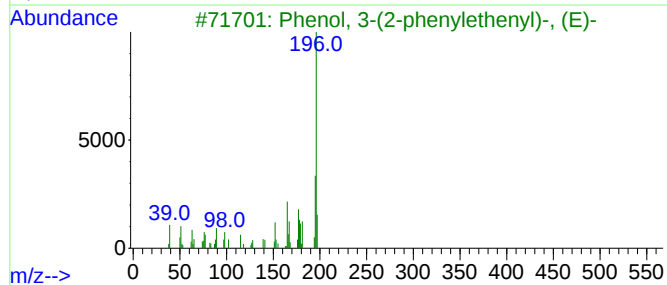
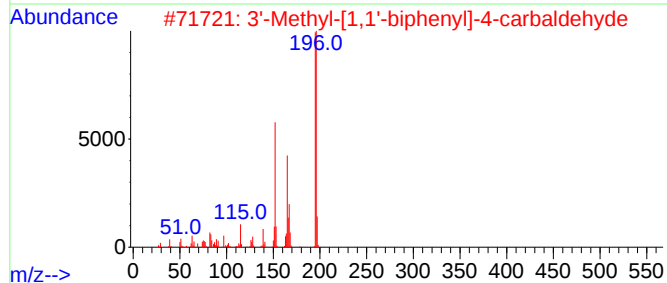
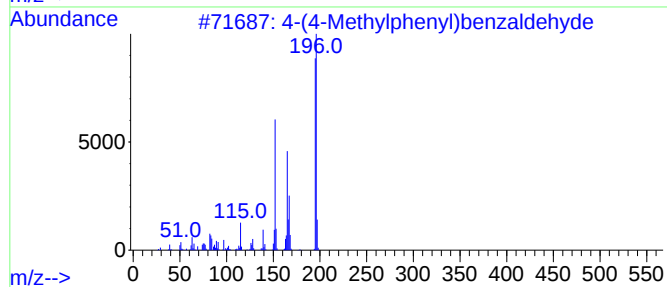
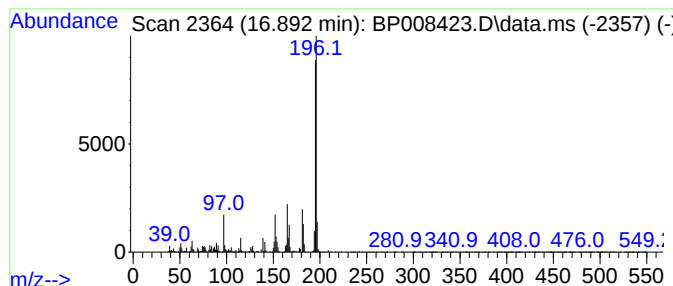
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4-(4-Methylphenyl)benzaldehyde Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.892	9.10 ng	310141	Phenanthrene-d10	17.157	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	90
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	76
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	62
5	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
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Sample : M5029-01
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Instrument :
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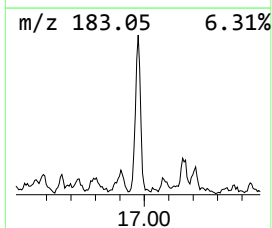
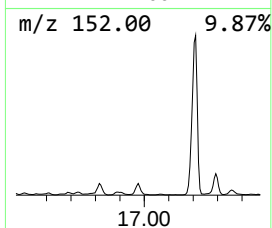
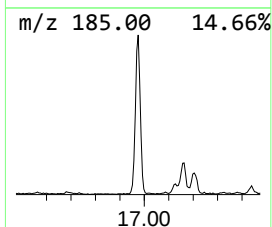
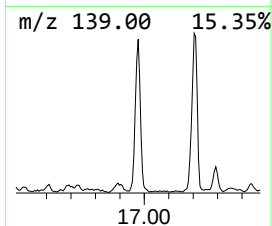
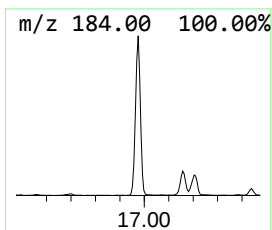
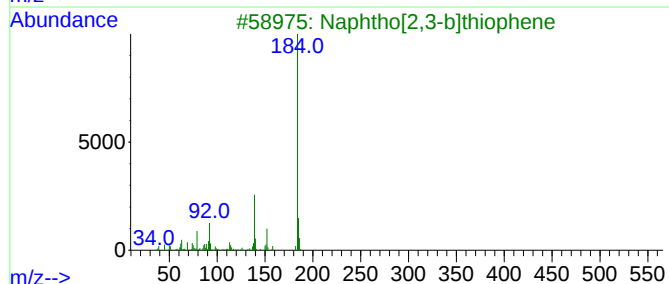
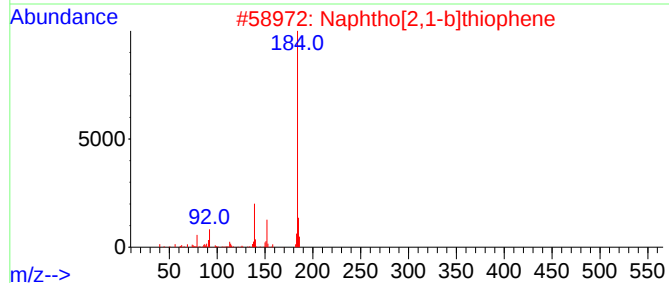
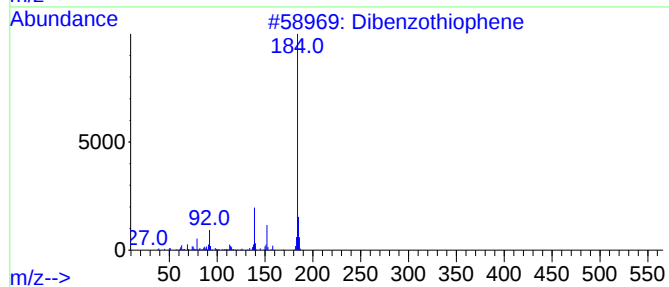
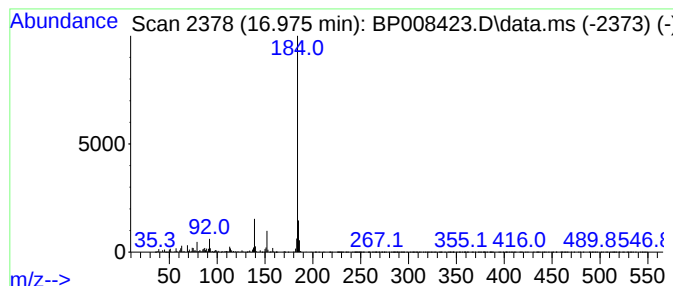
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	18.69 ng	636703	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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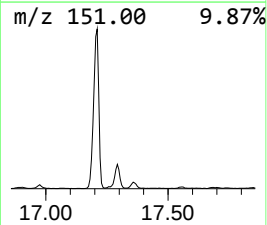
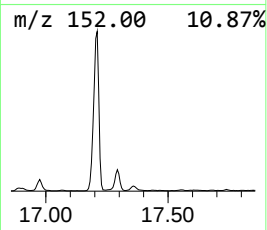
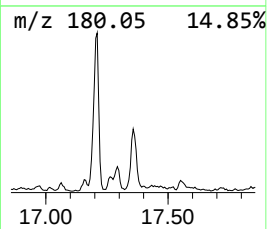
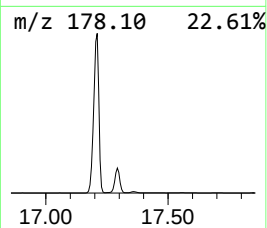
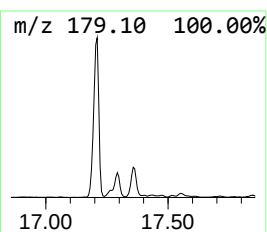
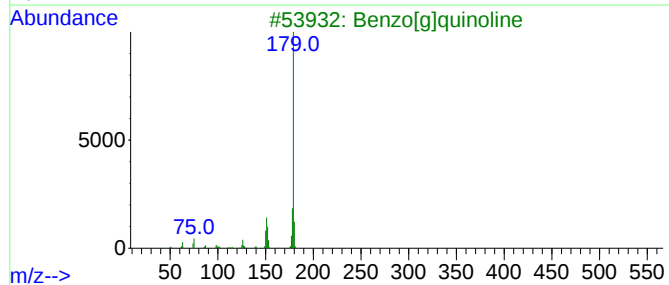
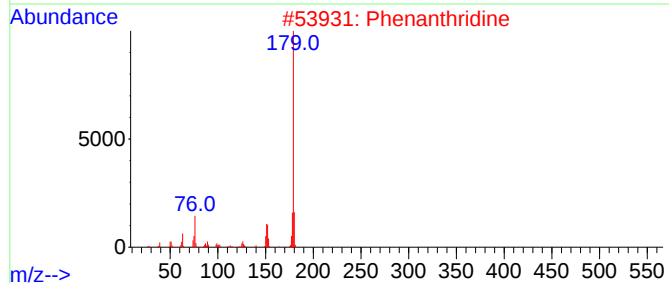
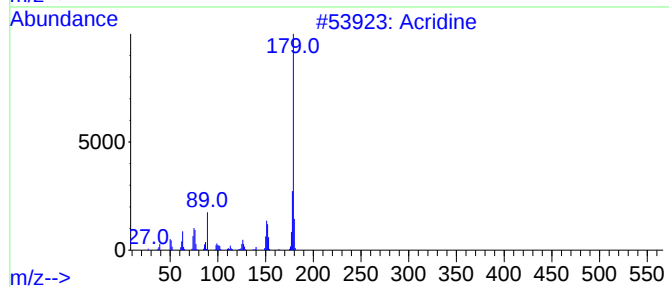
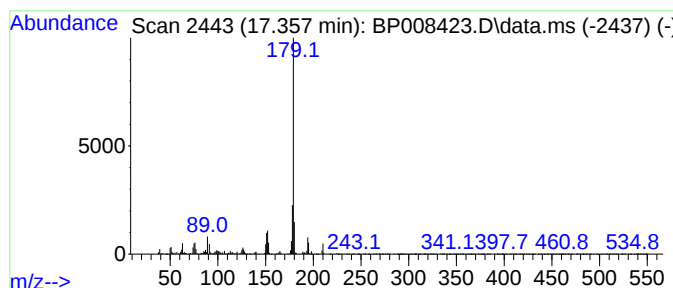
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Acridine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.357	11.48 ng	391091	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acridine	179	C13H9N	000260-94-6	95
2			Phenanthridine	179	C13H9N	000229-87-8	93
3			Benzo[g]quinoline	179	C13H9N	000260-36-6	90
4			[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	87
5			Benzo[h]quinoline	179	C13H9N	000230-27-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
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Sample : M5029-01
Misc :
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Instrument :
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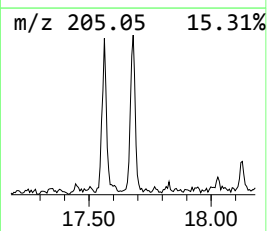
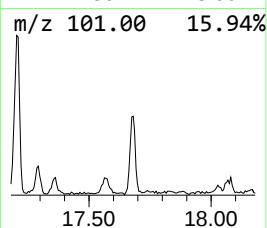
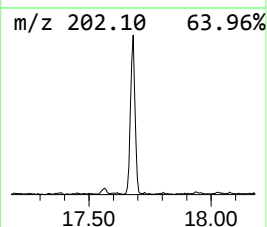
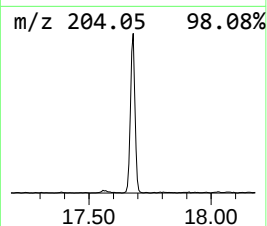
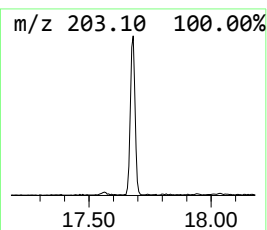
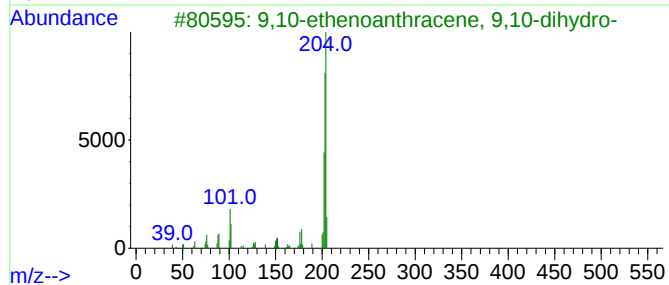
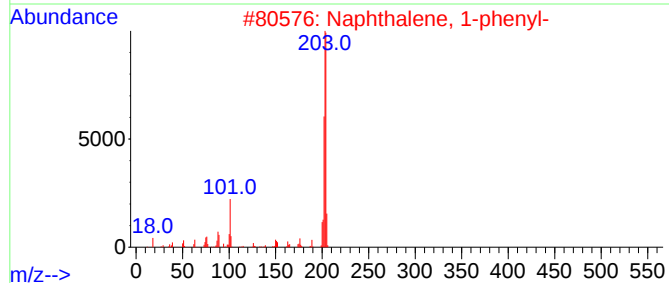
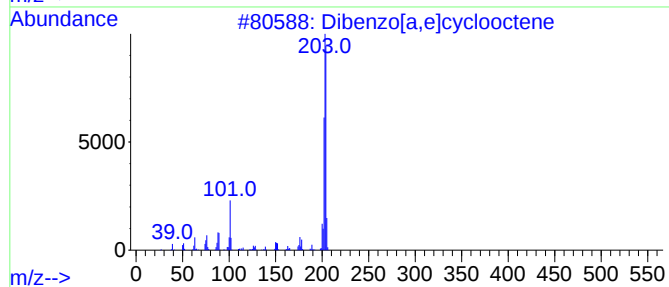
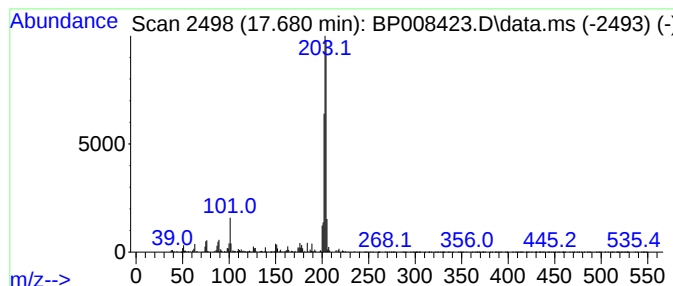
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dibenzo[a,e]cyclooctene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.680	6.57 ng	223850	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	96
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	92
3			9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	90
4			Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	76
5			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
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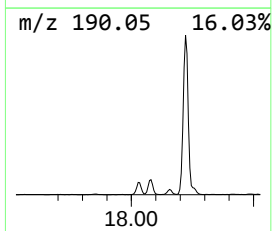
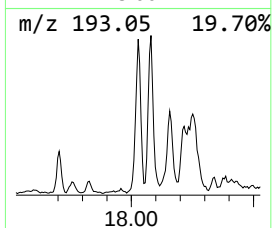
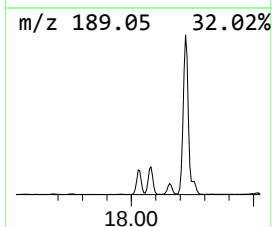
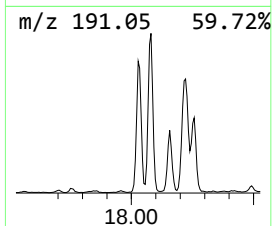
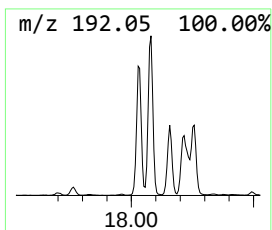
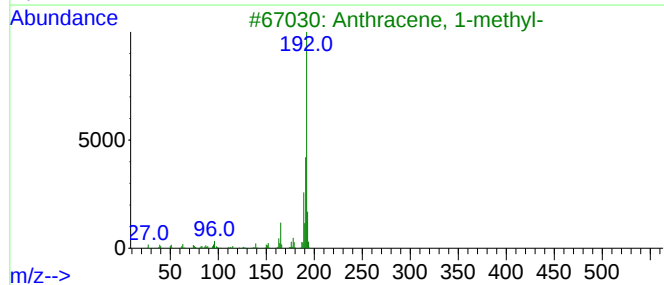
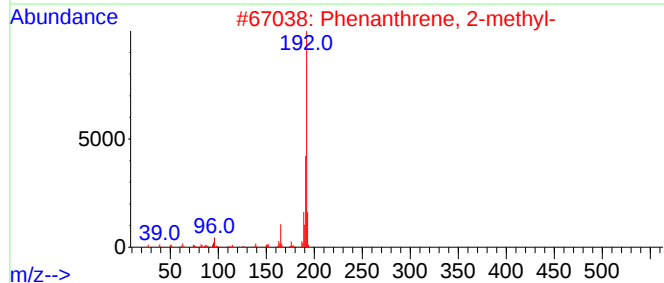
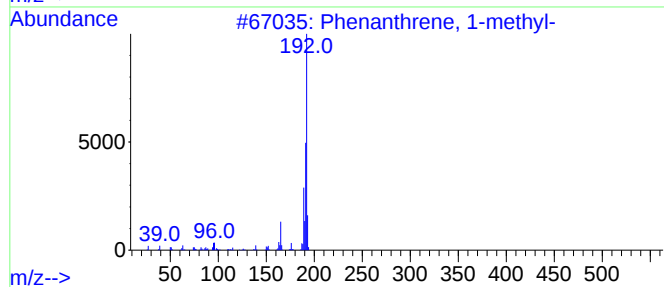
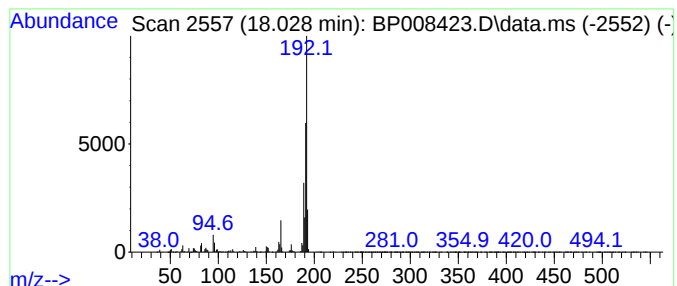
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	19.92 ng	678803	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
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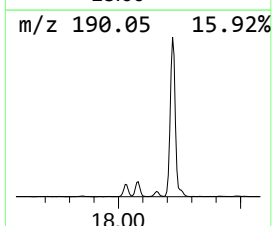
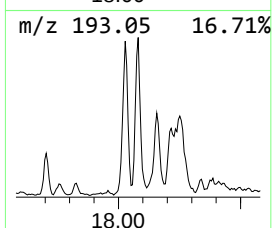
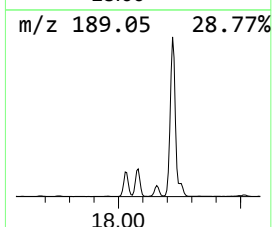
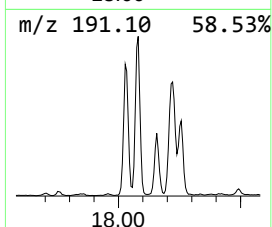
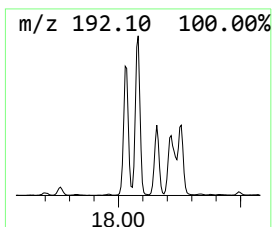
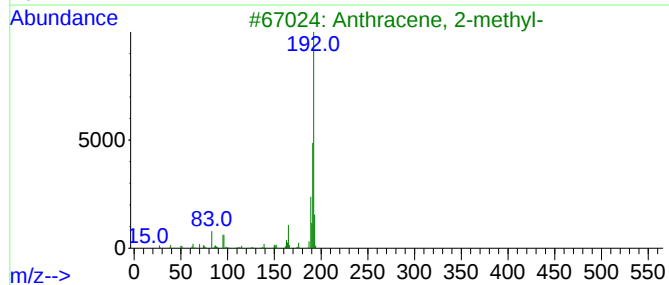
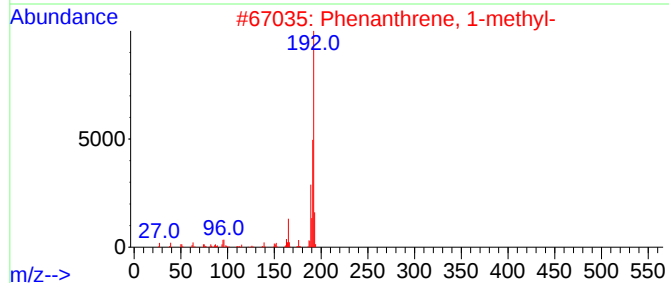
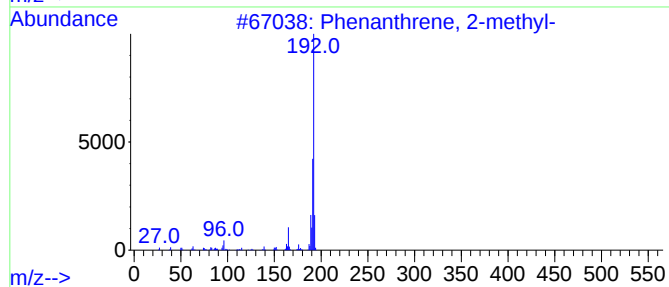
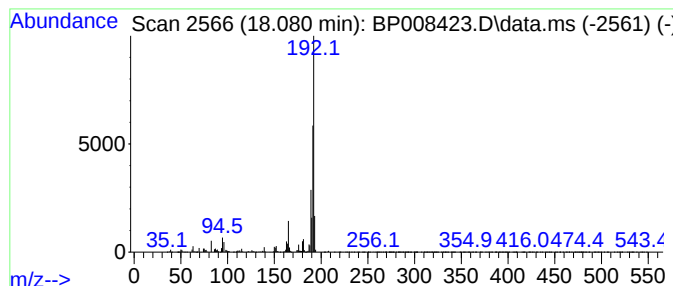
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	26.96 ng	918693	Phenanthrene-d10	17.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PSC-124035

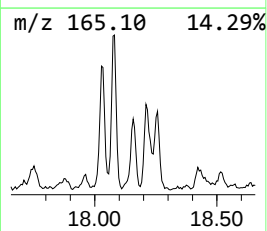
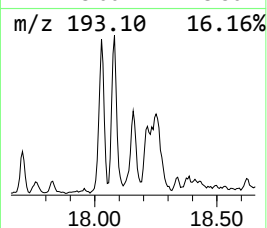
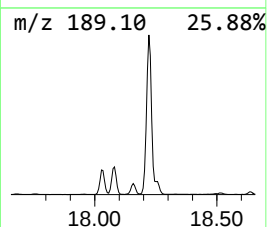
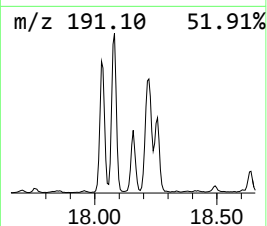
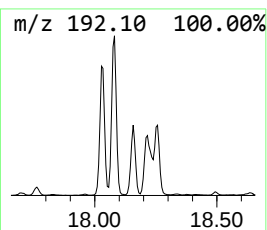
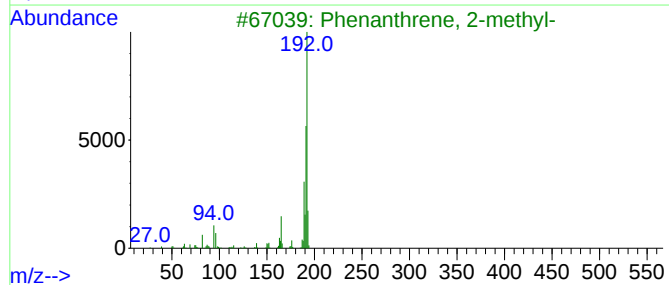
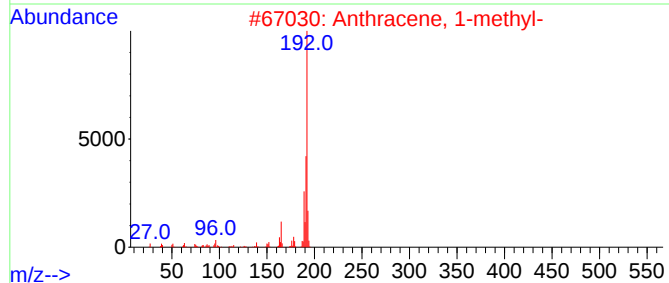
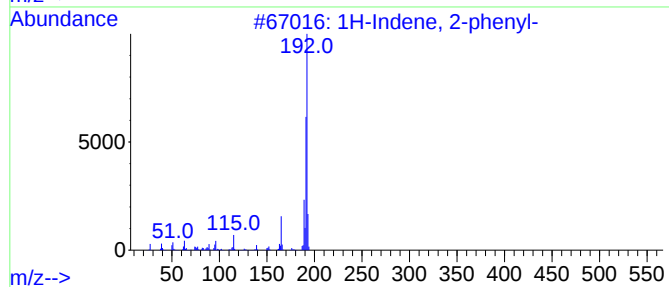
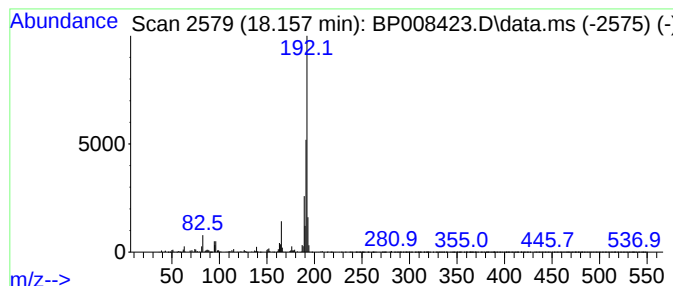
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	9.60 ng	326978	Phenanthrene-d10	17.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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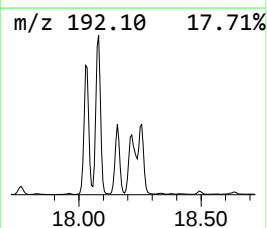
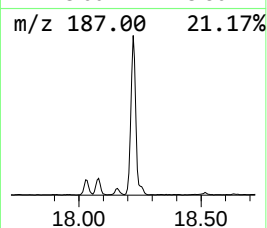
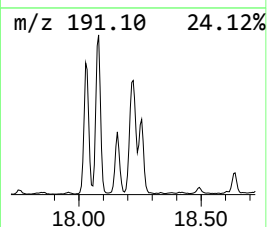
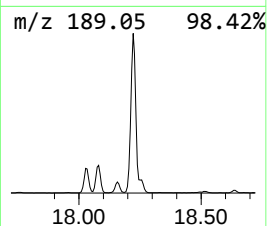
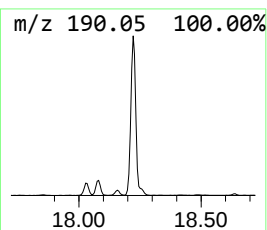
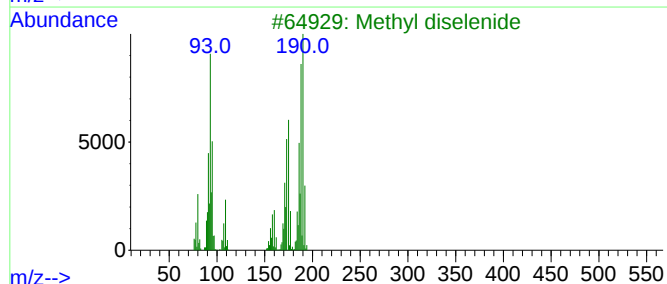
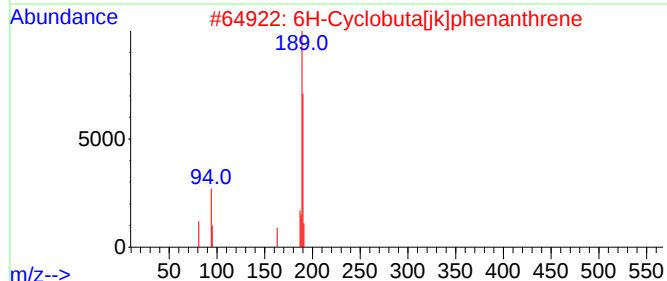
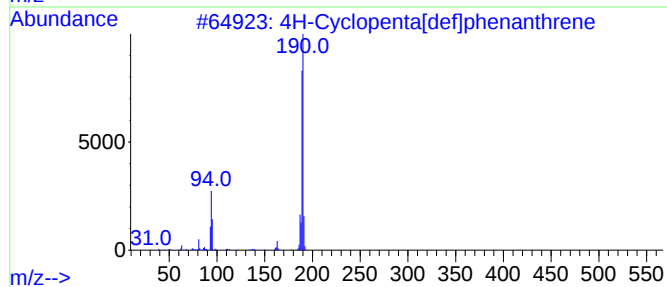
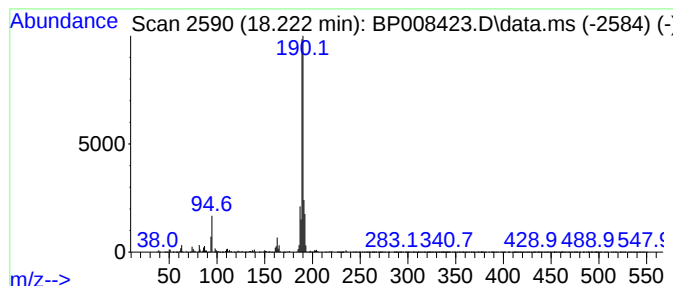
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	54.46 ng	1855590	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3			Methyl diselenide	190	C2H6Se2	007101-31-7	55
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
Misc :
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ClientSampleId :
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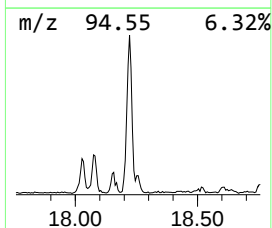
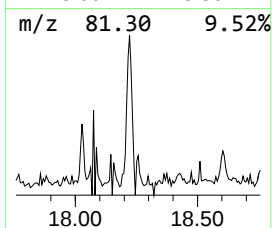
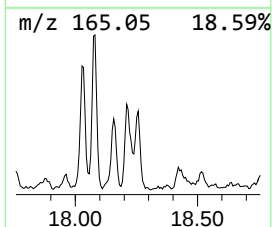
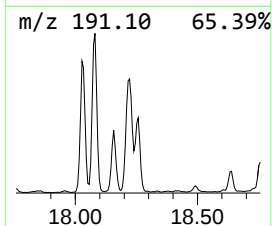
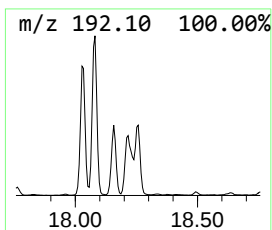
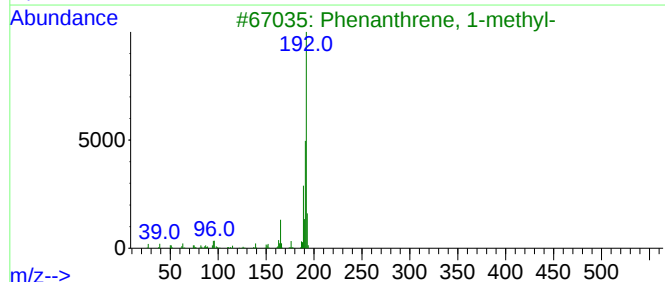
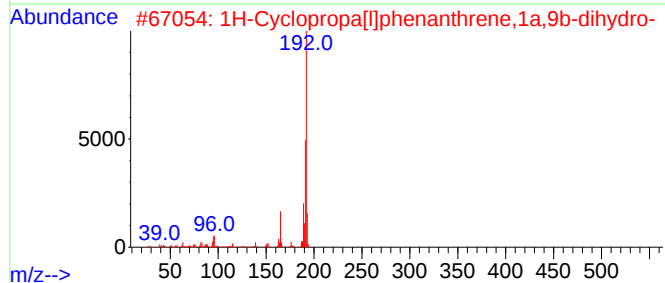
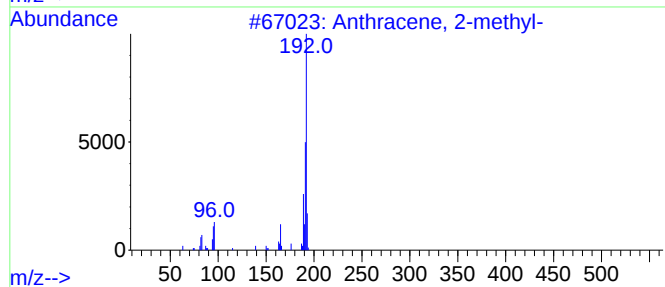
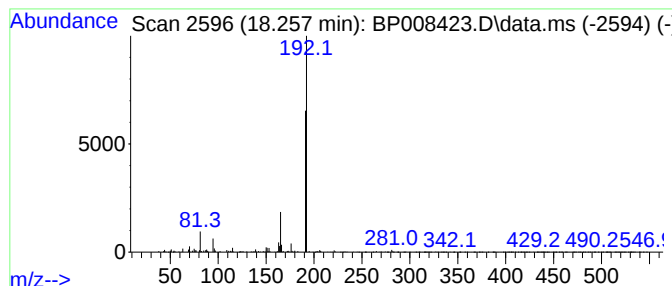
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	9.07 ng	308915	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	83
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
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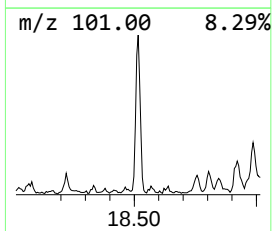
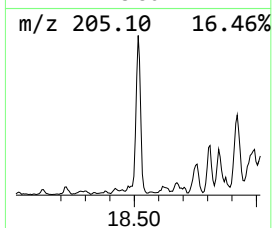
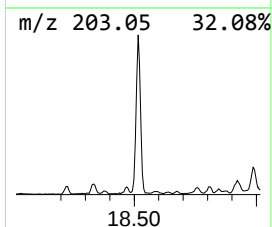
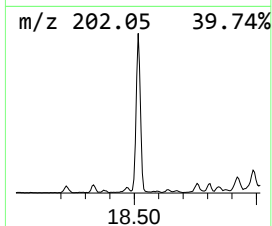
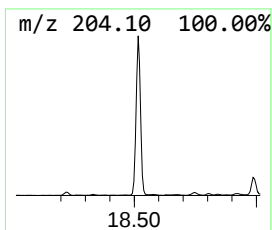
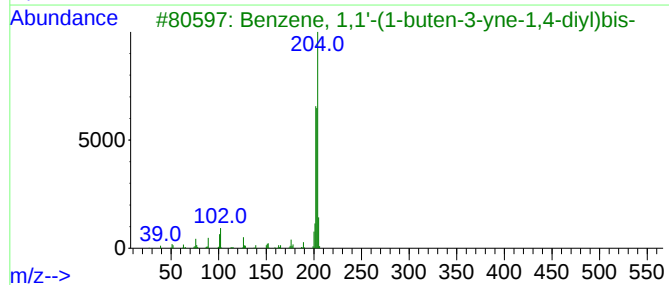
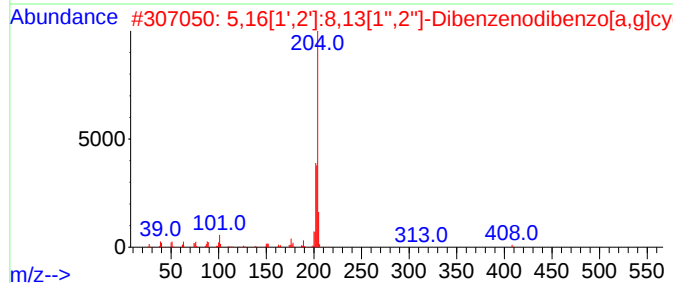
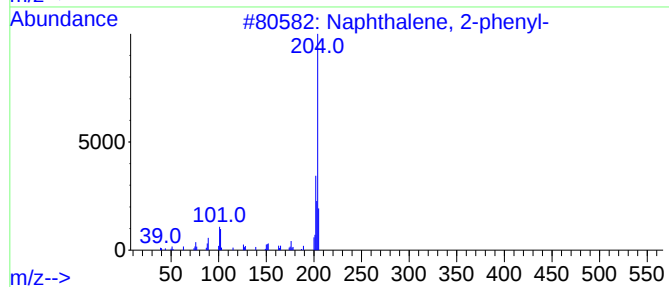
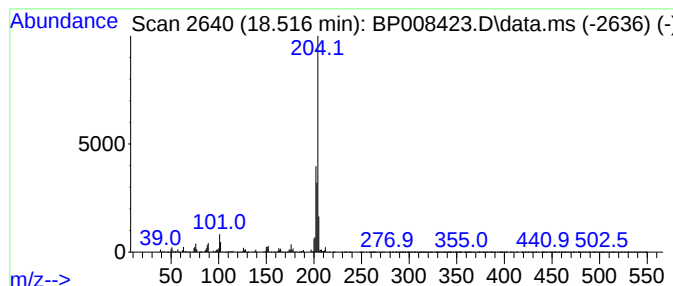
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	16.28 ng	554855	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
3			Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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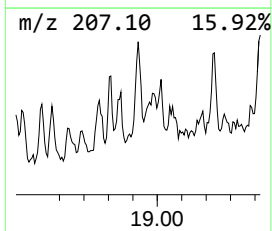
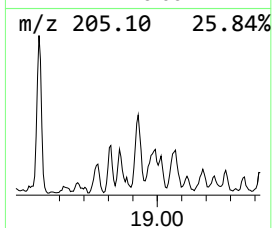
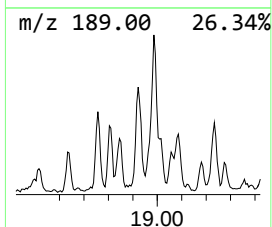
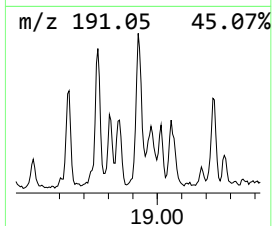
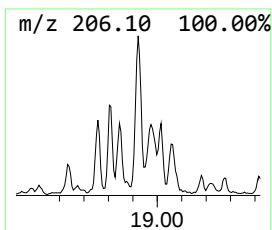
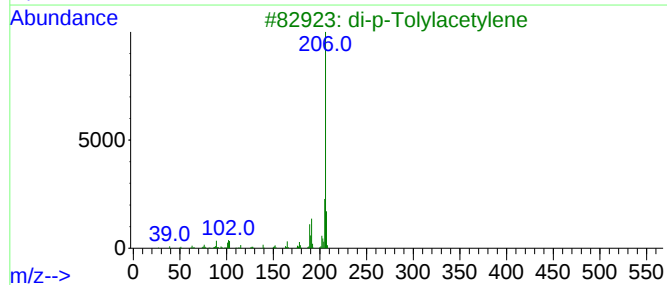
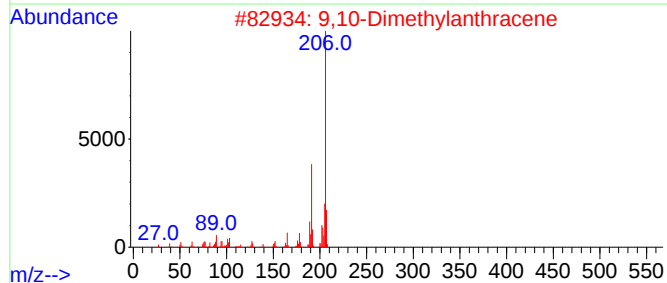
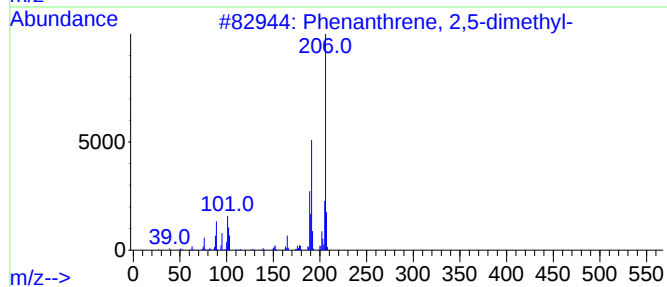
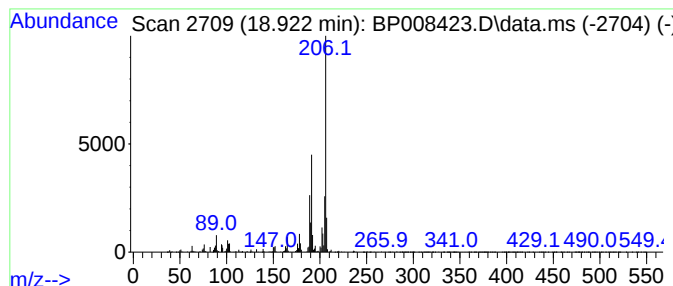
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.922	7.31 ng	248951	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
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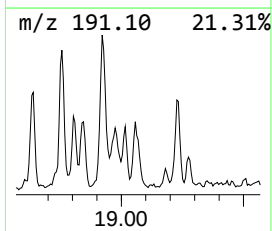
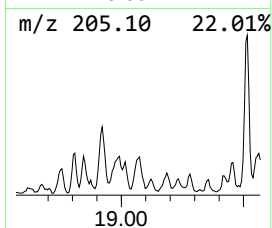
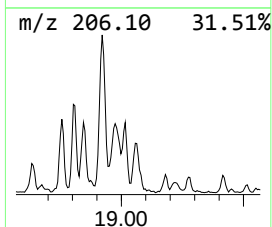
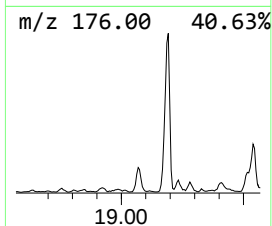
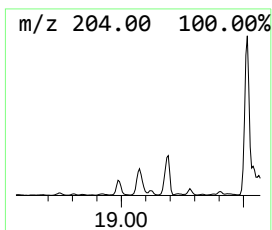
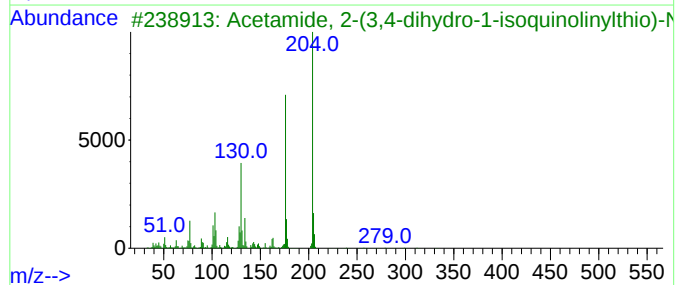
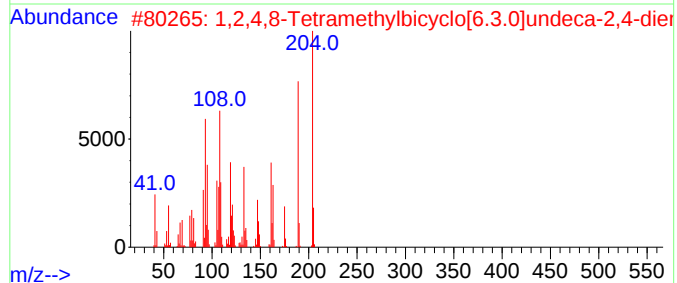
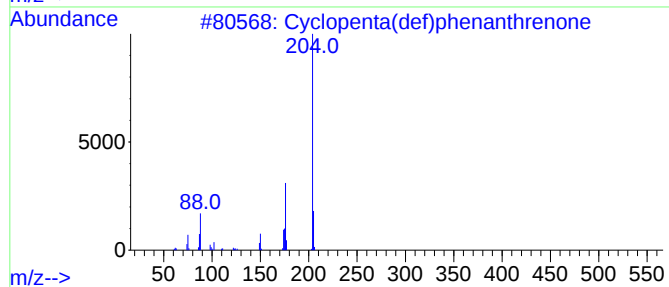
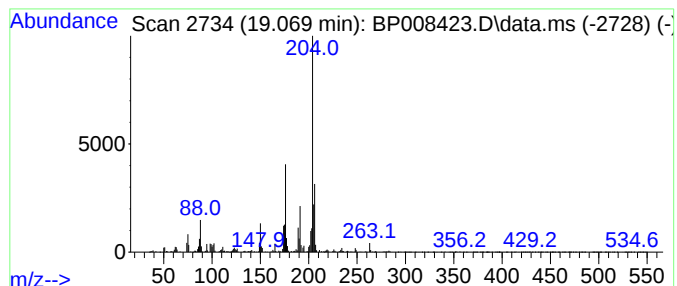
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.069	7.21 ng	245683	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50
3			Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	50
4			N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	47
5			L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
PSC-124035

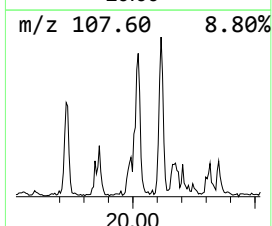
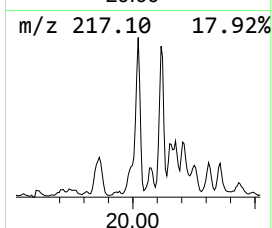
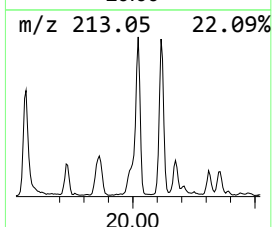
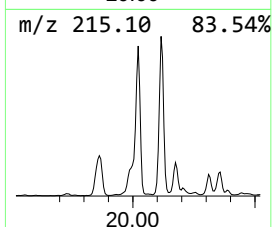
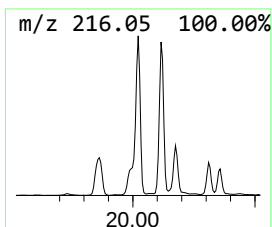
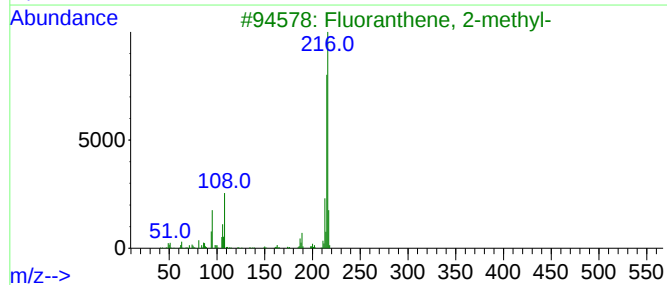
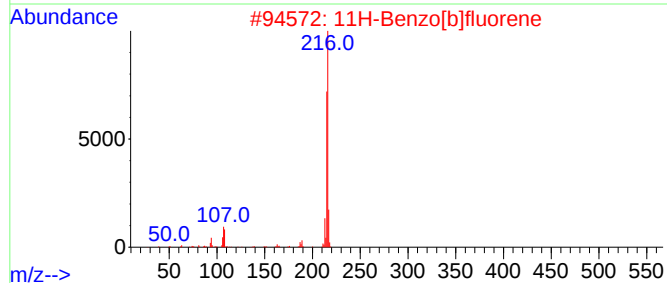
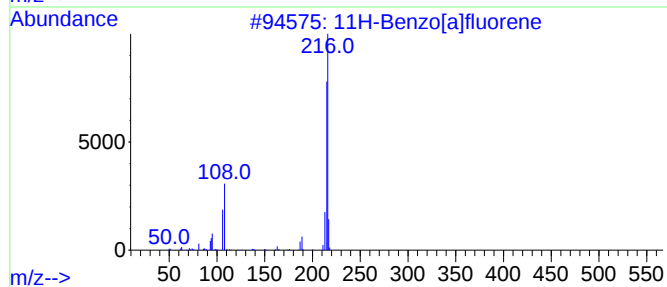
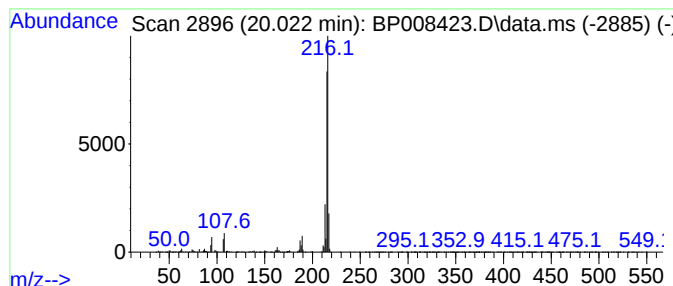
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.022	8.53 ng	1479820	Chrysene-d12	21.269

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PSC-124035

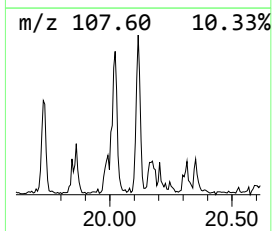
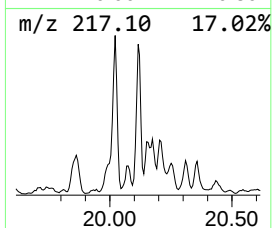
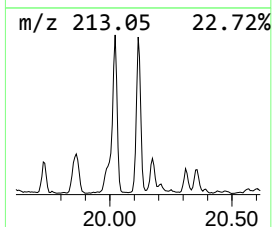
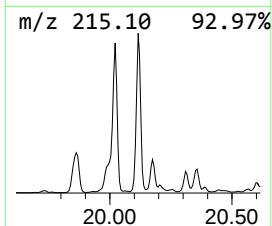
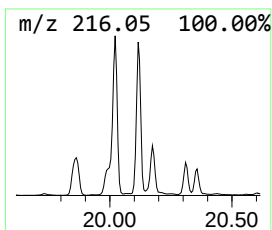
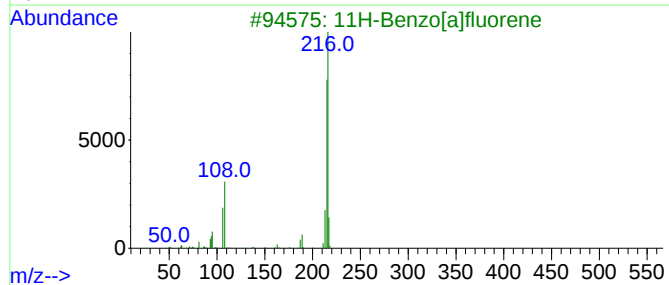
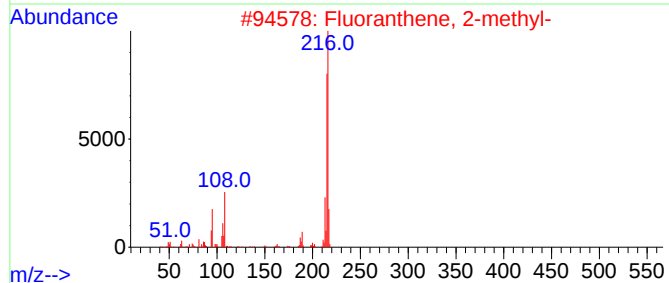
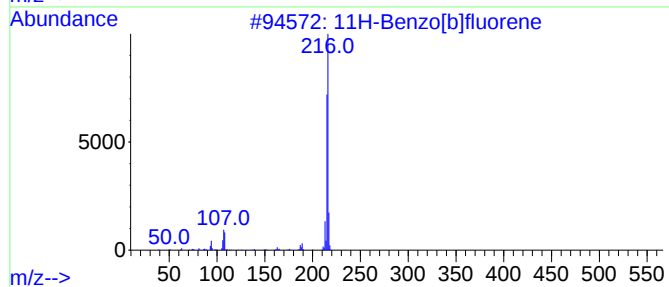
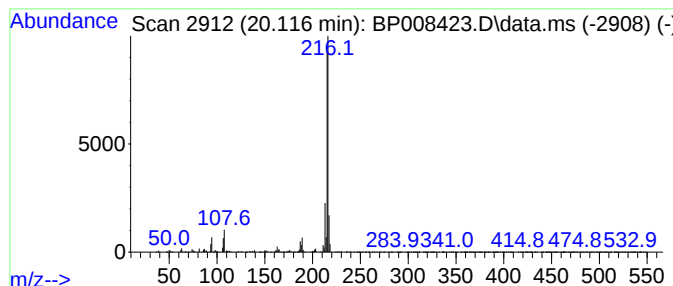
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.116	6.07 ng	1053900	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
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	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PSC-124035

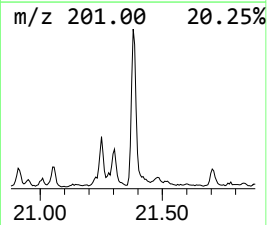
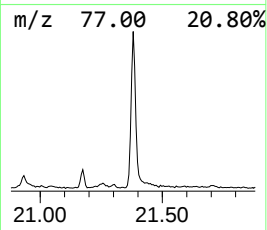
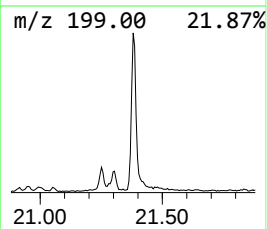
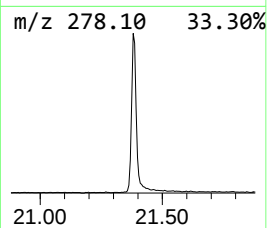
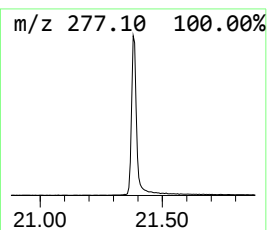
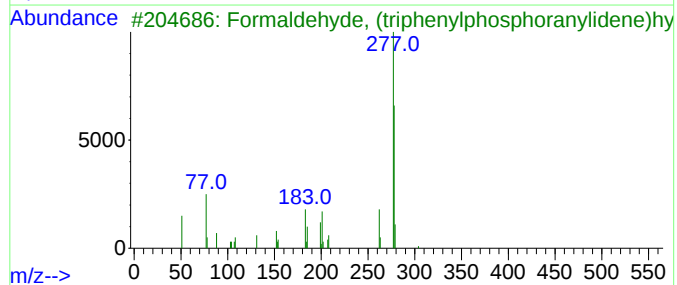
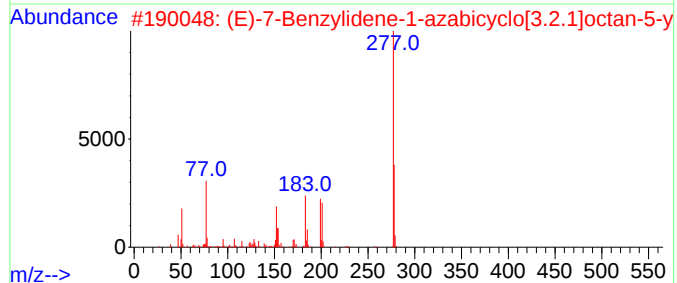
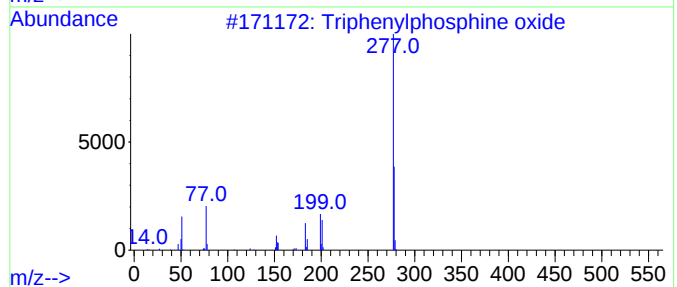
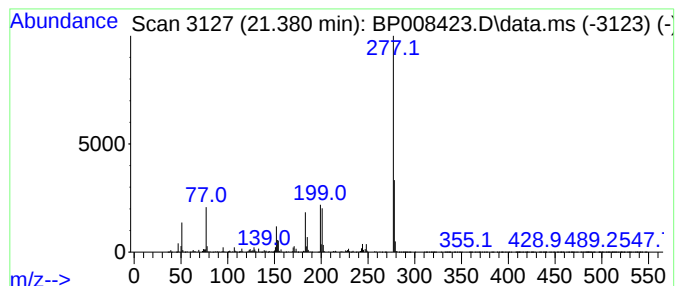
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Triphenylphosphine oxide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.380	6.25 ng	1083780	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	91
3			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	40
4			3-(3,4-Dichlorophenyl)-2-thioxo-...	277	C9H5Cl2NOS2	017046-34-3	32
5			[1,2,4]Triazolo[1,5-a]pyrimidine...	278	C15H14N6	1000350-69-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PSC-124035

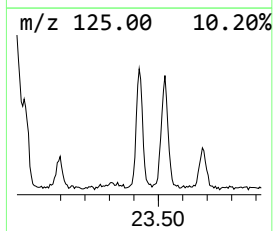
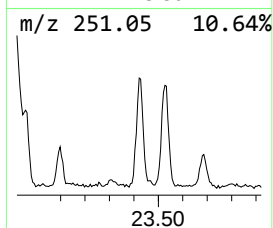
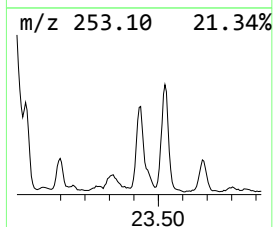
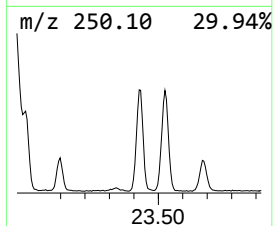
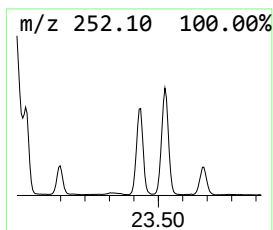
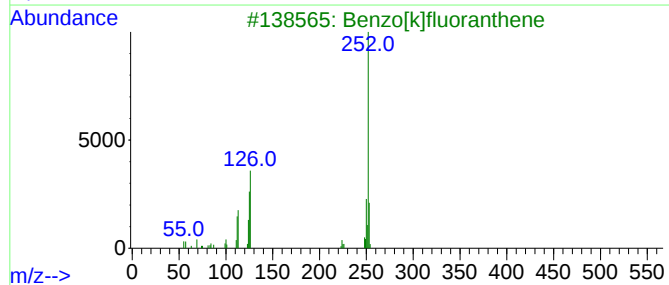
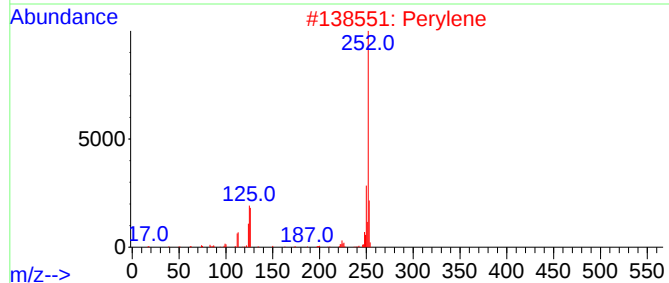
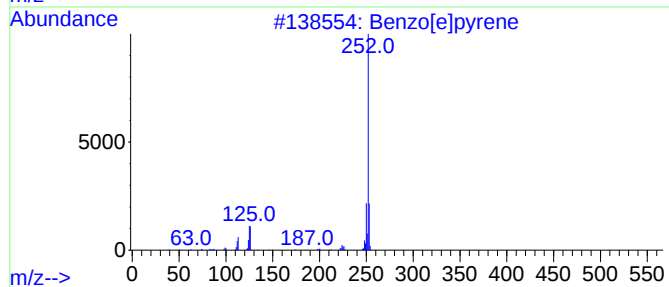
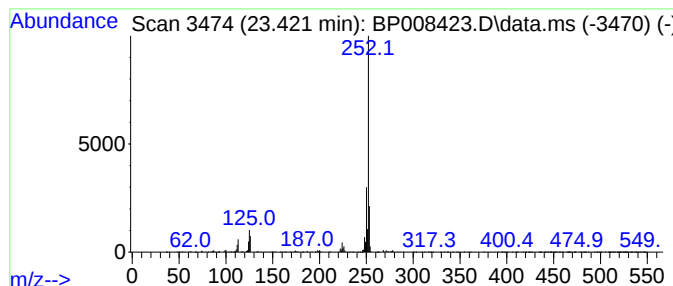
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.421	16.35 ng	683098	Perylene-d12	23.633

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Perylene	252	C20H12	000198-55-0	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
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\BP121521\
Data File : BP008423.D
Acq On : 15 Dec 2021 18:41
Operator : CG/JU
Sample : M5029-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PSC-124035

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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-...	4.869	16.7	ng	265053	1	7.740	318013	20.0
[1,1'-Biphenyl]...	15.745	9.4	ng	409975	3	14.392	868749	20.0
9H-Fluorene, 3-...	16.457	9.8	ng	332384	4	17.157	681475	20.0
9H-Fluoren-9-one	16.816	6.4	ng	219536	4	17.157	681475	20.0
4-(4-Methylphen...	16.892	9.1	ng	310141	4	17.157	681475	20.0
Dibenzothiophene	16.975	18.7	ng	636703	4	17.157	681475	20.0
Acridine	17.357	11.5	ng	391091	4	17.157	681475	20.0
Dibenzo[a,e]cyc...	17.680	6.6	ng	223850	4	17.157	681475	20.0
Phenanthrene, 1...	18.028	19.9	ng	678803	4	17.157	681475	20.0
Phenanthrene, 2...	18.081	27.0	ng	918693	4	17.157	681475	20.0
1H-Indene, 2-ph...	18.157	9.6	ng	326978	4	17.157	681475	20.0
4H-Cyclopenta[d...	18.222	54.5	ng	1855590	4	17.157	681475	20.0
Anthracene, 2-m...	18.257	9.1	ng	308915	4	17.157	681475	20.0
Naphthalene, 2-...	18.516	16.3	ng	554855	4	17.157	681475	20.0
Phenanthrene, 2...	18.922	7.3	ng	248951	4	17.157	681475	20.0
Cyclopenta(def)...	19.069	7.2	ng	245683	4	17.157	681475	20.0
11H-Benzo[a]flu...	20.022	8.5	ng	1479820	5	21.269	3470390	20.0
11H-Benzo[b]flu...	20.116	6.1	ng	1053900	5	21.269	3470390	20.0
Triphenylphosph...	21.380	6.3	ng	1083780	5	21.269	3470390	20.0
Benzo[e]pyrene	23.421	16.4	ng	683098	6	23.633	835709	20.0