

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055773.D
 Acq On : 24 Nov 2022 3:09
 Operator : CG/JU
 Sample : N5745-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAT-04-112122

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_G\Methods\8270-BG111622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055773.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.286	333	340	348	rBV	57656	93097	3.93%	0.415%
2	5.768	413	422	431	rBV	264797	436228	18.43%	1.946%
3	7.384	689	697	707	rBV	267509	470872	19.89%	2.101%
4	8.242	836	843	850	rVB	174665	296551	12.53%	1.323%
5	9.411	1035	1042	1048	rBV	163278	296557	12.53%	1.323%
6	11.009	1309	1314	1318	rBV	15663	25924	1.10%	0.116%
7	11.068	1318	1324	1330	rVV	232957	424559	17.94%	1.894%
8	11.121	1330	1333	1339	rVB2	20741	33185	1.40%	0.148%
9	12.443	1552	1558	1564	rBV3	26425	41497	1.75%	0.185%
10	12.707	1598	1603	1609	rVB	33705	52561	2.22%	0.234%
11	12.924	1631	1640	1649	rBV2	35062	81150	3.43%	0.362%
12	13.488	1729	1736	1746	rVB	444747	693032	29.28%	3.092%
13	13.665	1760	1766	1770	rBV	40757	67117	2.84%	0.299%
14	13.894	1802	1805	1816	rVB	13487	26758	1.13%	0.119%
15	14.029	1823	1828	1830	rBV3	37222	66358	2.80%	0.296%
16	14.182	1849	1854	1859	rBV	62537	111972	4.73%	0.500%
17	14.235	1859	1863	1868	rVB	43150	66472	2.81%	0.297%
18	14.317	1869	1877	1881	rVB6	26724	50365	2.13%	0.225%
19	14.423	1890	1895	1899	rBV3	34779	64152	2.71%	0.286%
20	14.587	1919	1923	1934	rBV2	32060	73468	3.10%	0.328%
21	14.728	1943	1947	1951	rVB	46997	59735	2.52%	0.267%
22	14.863	1965	1970	1976	rVV	345319	546642	23.09%	2.439%
23	14.928	1976	1981	1987	rVV	103026	167817	7.09%	0.749%
24	14.987	1987	1991	1998	rVB2	21636	40035	1.69%	0.179%
25	15.063	1999	2004	2012	rBV4	32891	74290	3.14%	0.331%
26	15.257	2030	2037	2044	rVB2	108113	191510	8.09%	0.854%
27	15.327	2044	2049	2056	rBV3	52033	81369	3.44%	0.363%
28	15.468	2068	2073	2078	rBV2	45504	79702	3.37%	0.356%
29	15.521	2078	2082	2087	rVB2	36152	54093	2.29%	0.241%
30	15.639	2096	2102	2104	rBV3	27578	50742	2.14%	0.226%
31	15.674	2104	2108	2113	rVB	81551	112377	4.75%	0.501%
32	15.809	2129	2131	2135	rVB3	22831	26649	1.13%	0.119%
33	15.903	2141	2147	2153	rBV2	177087	309527	13.08%	1.381%
34	16.068	2171	2175	2179	rVB4	38357	60632	2.56%	0.271%
35	16.115	2180	2183	2188	rVB5	26093	34298	1.45%	0.153%
36	16.197	2188	2197	2204	rVB4	50945	127633	5.39%	0.569%

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37	16.344	2217	2222	2229	rVB	346119	550688	23.26%	2.457%
38	16.532	2250	2254	2256	rBV	71605	95053	4.02%	0.424%
39	16.837	2301	2306	2310	rBV	120257	172898	7.30%	0.771%
40	17.190	2359	2366	2371	rVB2	90936	196235	8.29%	0.875%
41	17.255	2373	2377	2382	rVV2	58337	93130	3.93%	0.415%
42	17.325	2385	2389	2394	rVV	83187	119581	5.05%	0.534%
43	17.378	2395	2398	2401	rVV	41079	54021	2.28%	0.241%
44	17.425	2401	2406	2412	rVB	110111	169758	7.17%	0.757%
45	17.607	2431	2437	2440	rBV	387472	620027	26.19%	2.766%
46	17.648	2440	2444	2451	rVB	1208374	1876387	79.27%	8.371%
47	17.742	2455	2460	2464	rVB	234616	341917	14.44%	1.525%
48	18.001	2499	2504	2511	rBV	112165	214900	9.08%	0.959%
49	18.065	2512	2515	2520	rVB	65919	83476	3.53%	0.372%
50	18.118	2521	2524	2527	rBV	36772	43756	1.85%	0.195%
51	18.183	2532	2535	2541	rVB	96452	147666	6.24%	0.659%
52	18.330	2557	2560	2567	rVB	58703	101973	4.31%	0.455%
53	18.477	2579	2585	2589	rBV	242092	430319	18.18%	1.920%
54	18.524	2589	2593	2599	rVB	301547	457107	19.31%	2.039%
55	18.606	2603	2607	2612	rBV	88127	124931	5.28%	0.557%
56	18.671	2612	2618	2622	rBV2	331440	674570	28.50%	3.010%
57	18.706	2622	2624	2628	rVB	167208	195092	8.24%	0.870%
58	18.747	2628	2631	2635	rBV2	58176	80607	3.41%	0.360%
59	18.964	2664	2668	2672	rBV	188242	260684	11.01%	1.163%
60	19.011	2672	2676	2681	rVV3	128478	212969	9.00%	0.950%
61	19.381	2734	2739	2743	rBV2	208838	371224	15.68%	1.656%
62	19.652	2779	2785	2789	rBV	1647923	2367058	100.00%	10.561%
63	19.687	2789	2791	2796	rVB2	227923	287350	12.14%	1.282%
64	19.975	2836	2840	2842	rBV2	216674	324688	13.72%	1.449%
65	20.010	2842	2846	2852	rVB	1456589	2144621	90.60%	9.568%
66	20.075	2854	2857	2861	rVB	124131	159331	6.73%	0.711%
67	20.192	2873	2877	2881	rVB	692559	902111	38.11%	4.025%
68	20.592	2943	2945	2949	rVB	163576	162221	6.85%	0.724%
69	21.890	3161	3166	3173	rBV3	661212	1718722	72.61%	7.668%
70	21.955	3174	3177	3189	rVB	638275	1170256	49.44%	5.221%

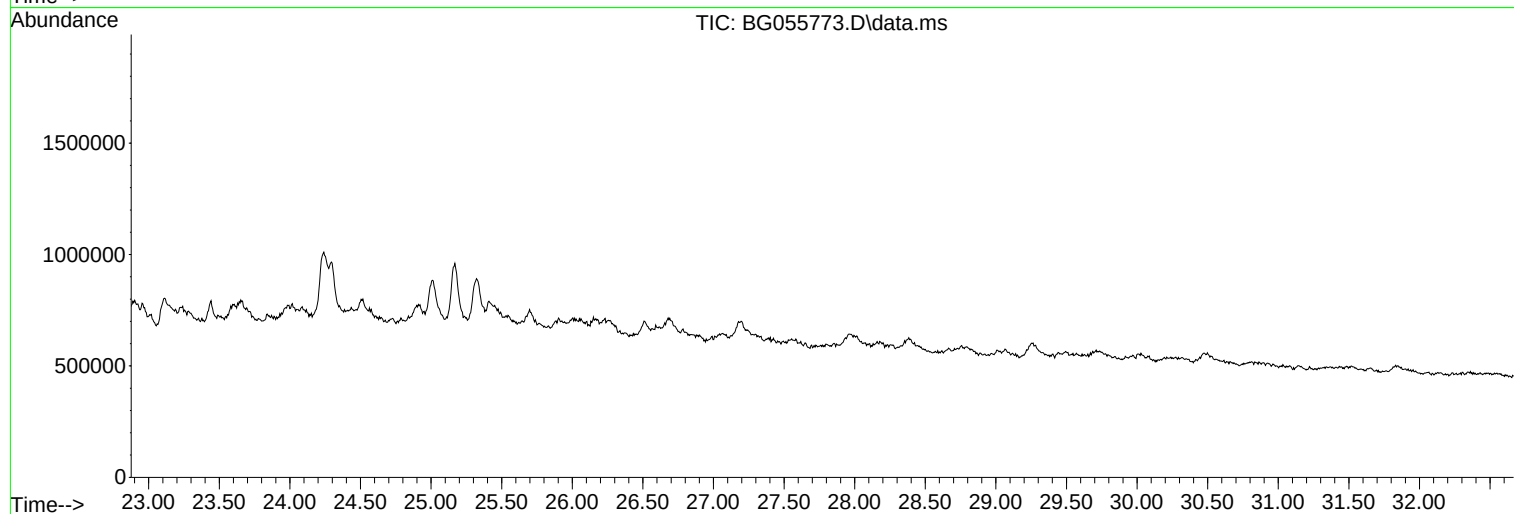
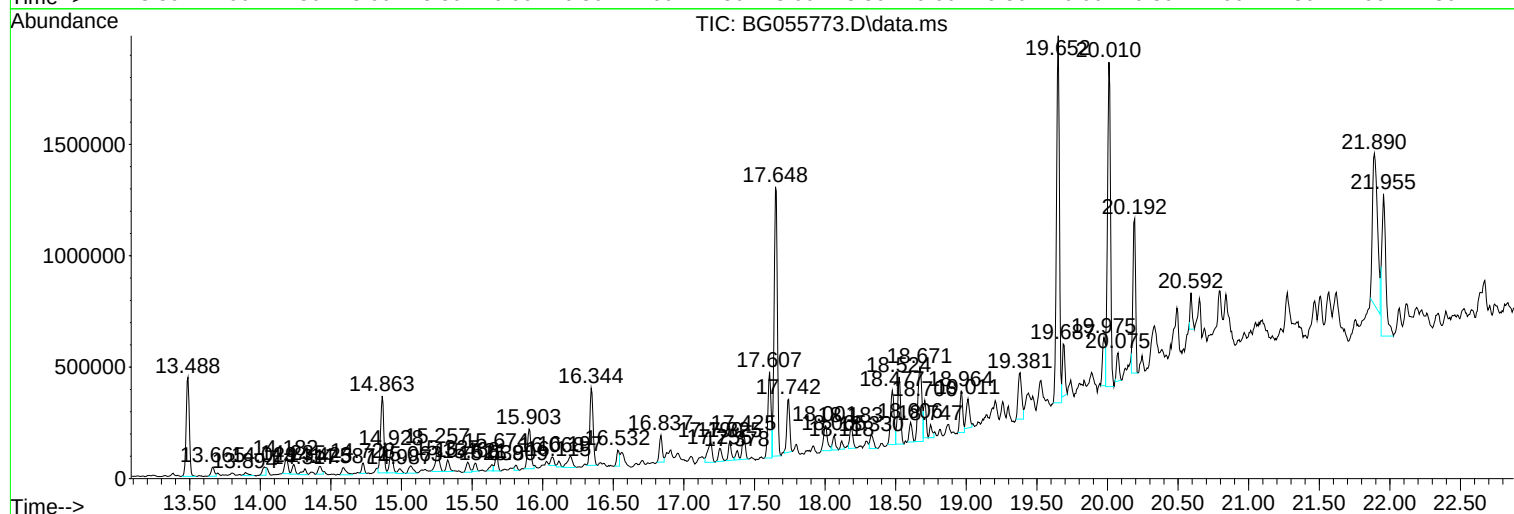
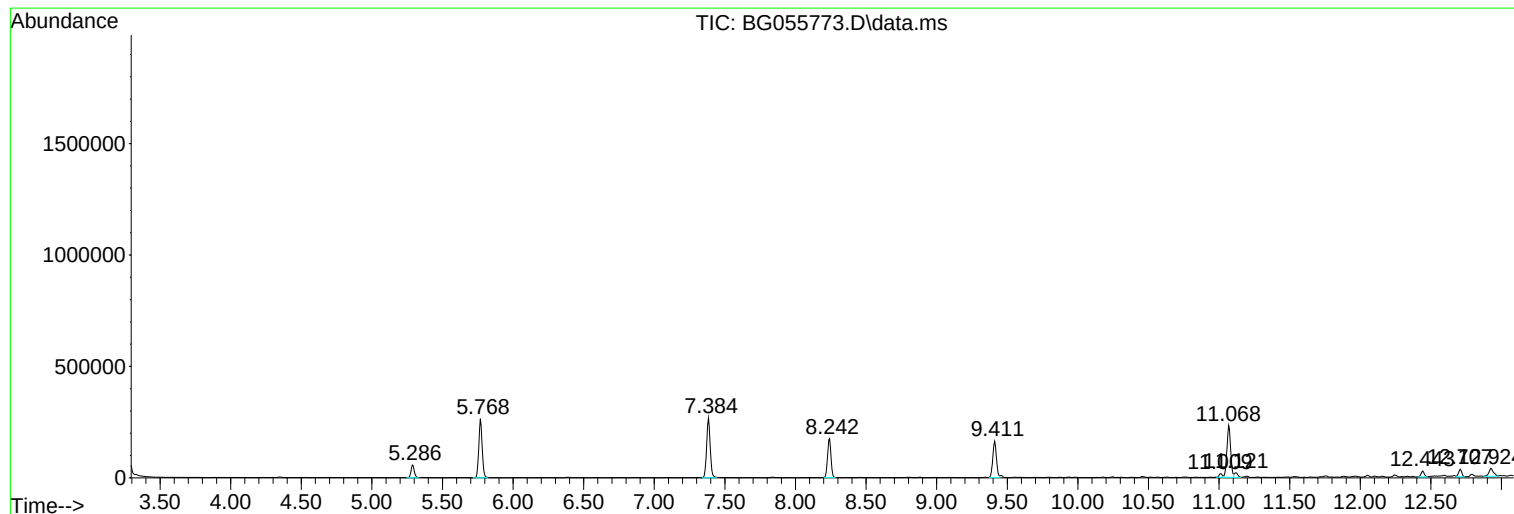
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
Operator : CG/JU
Sample : N5745-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-04-112122

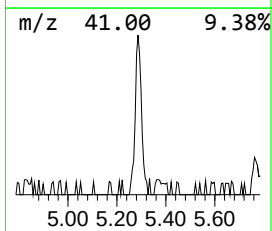
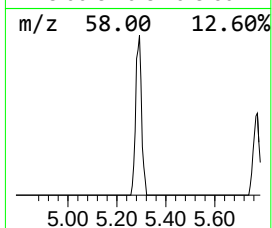
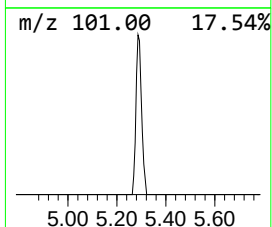
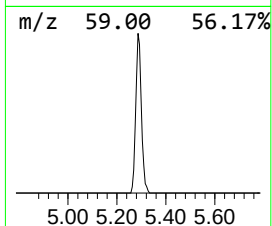
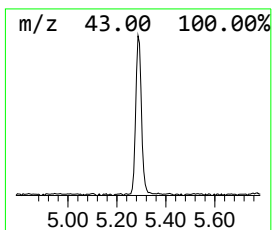
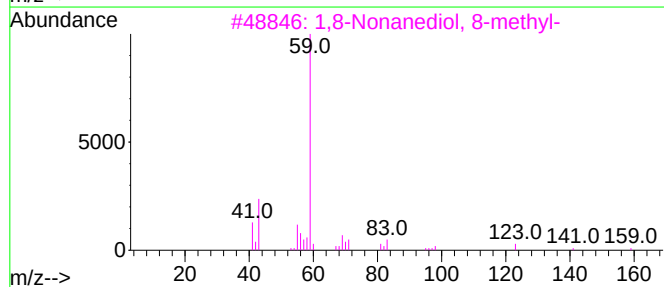
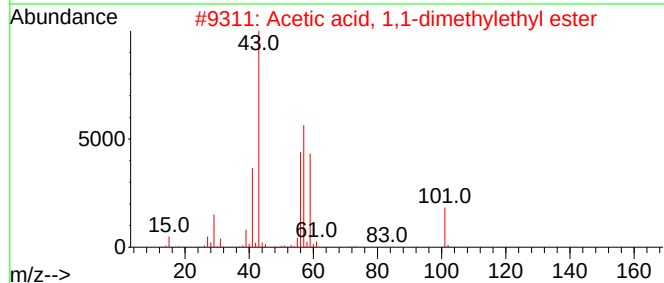
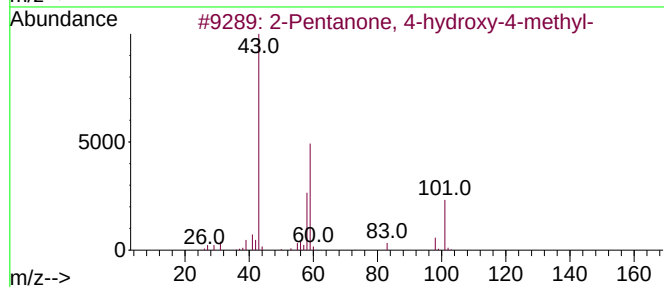
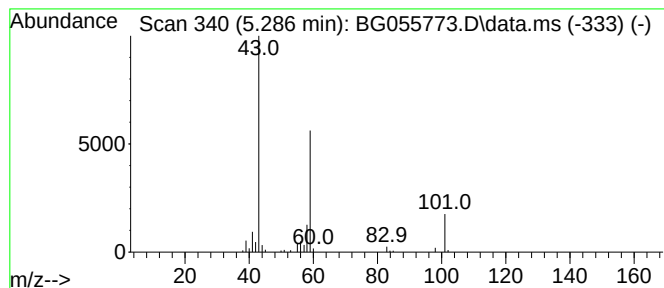
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.286	6.28 ng	93097	1,4-Dichlorobenzene-d4	8.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39	
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16	
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	



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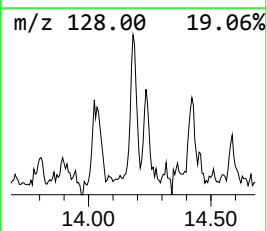
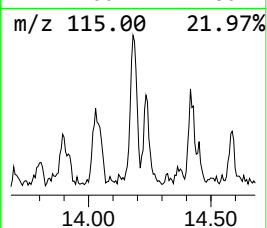
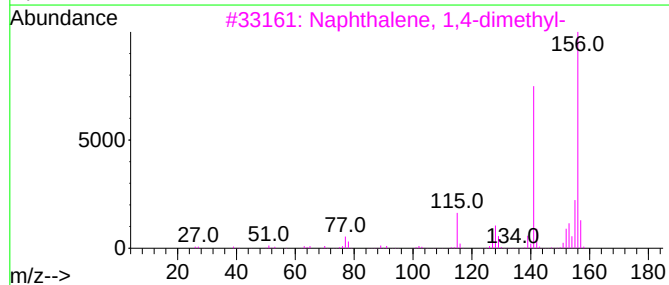
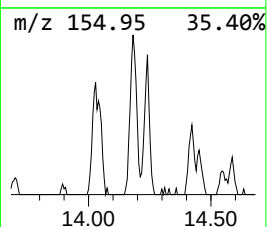
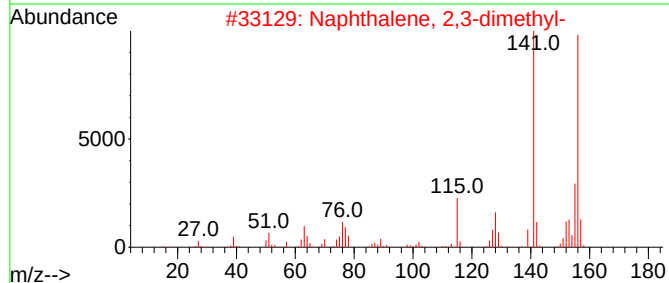
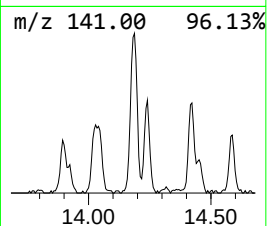
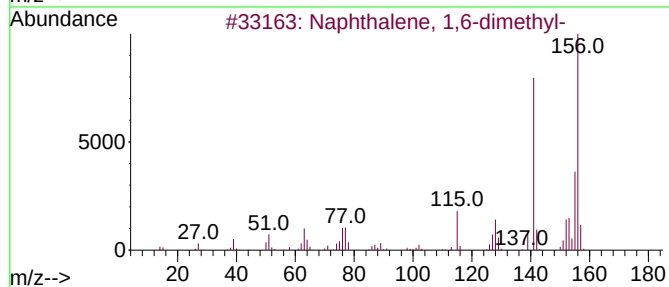
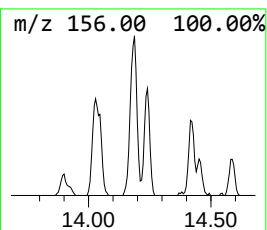
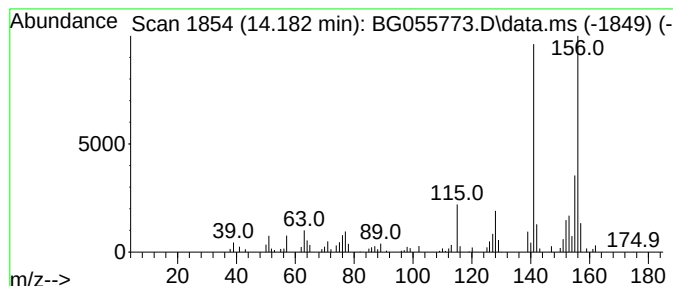
Instrument :
BNA_G
ClientSampleId :
PAT-04-112122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.182	4.10 ng	111972	Acenaphthene-d10		14.863	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	95
2	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-		156	C12H12	000571-58-4	94
4	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	94
5	Naphthalene, 1,3-dimethyl-		156	C12H12	000575-41-7	94



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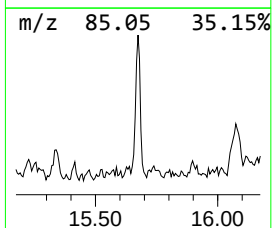
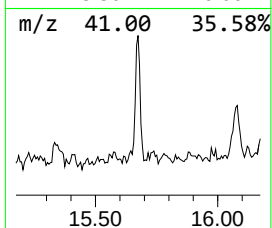
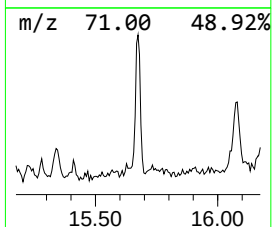
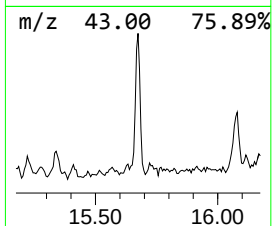
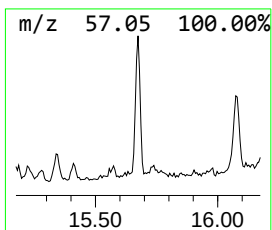
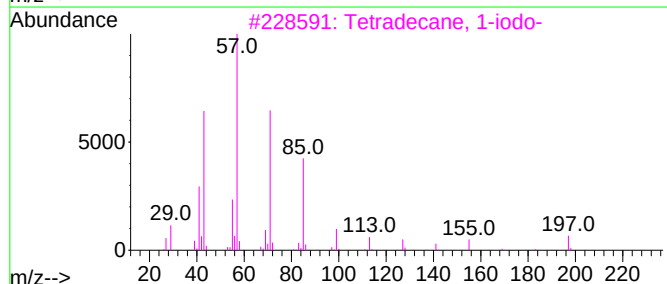
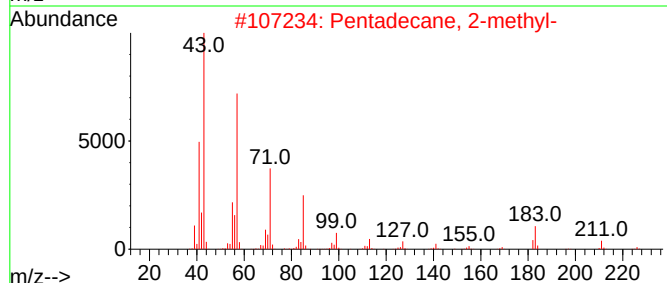
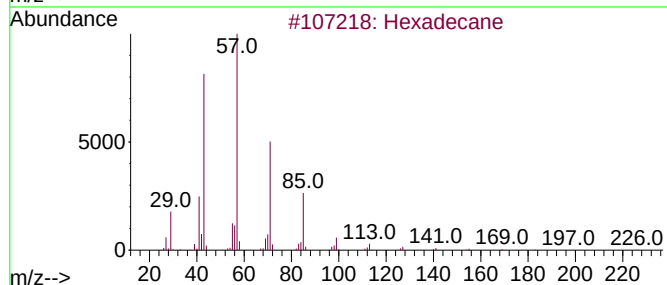
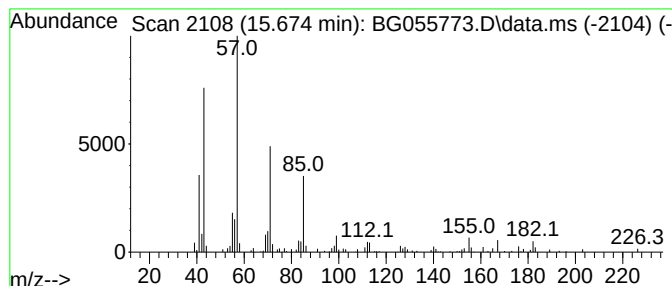
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.674	4.11 ng	112377	Acenaphthene-d10		14.863	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Pentadecane, 2-methyl-		226	C16H34	001560-93-6	83
3	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80
4	Heptadecane		240	C17H36	000629-78-7	72
5	Undecane, 3-methyl-		170	C12H26	001002-43-3	72



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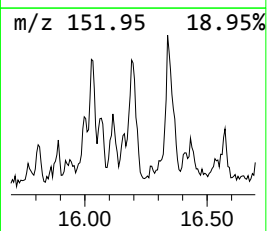
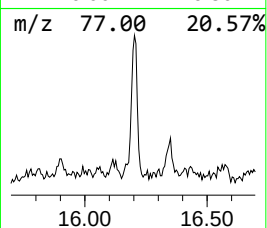
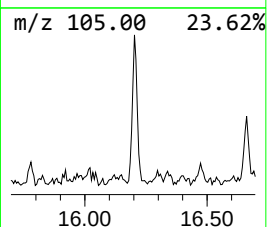
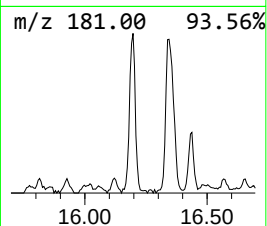
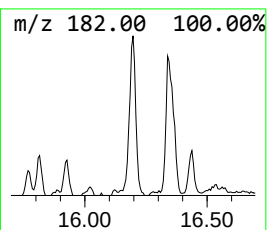
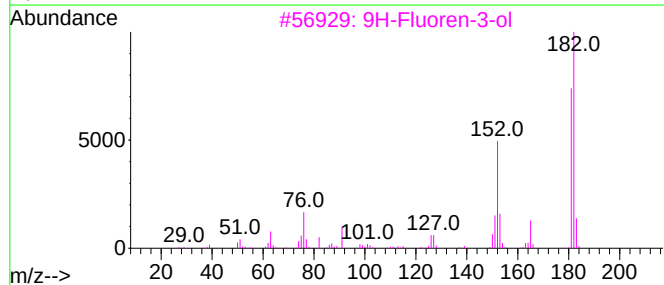
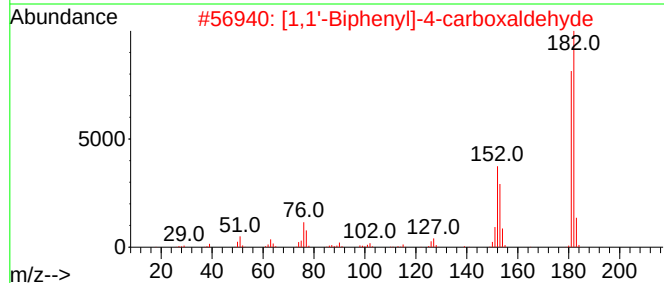
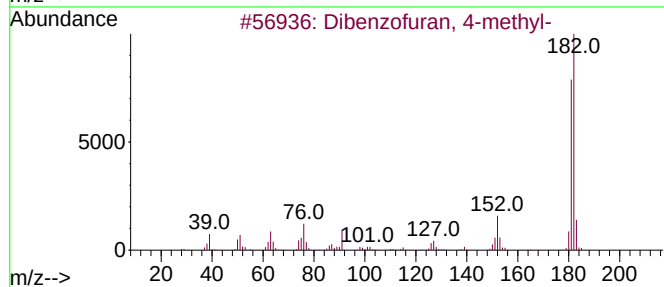
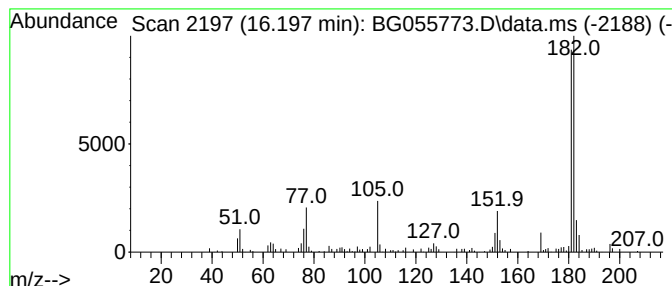
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.197	4.67 ng	127633	Acenaphthene-d10	14.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
3			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	68
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58
5			8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
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Acq On : 24 Nov 2022 3:09
Operator : CG/JU
Sample : N5745-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-04-112122

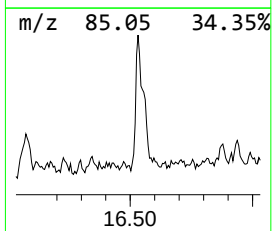
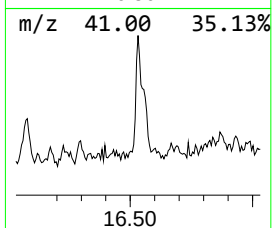
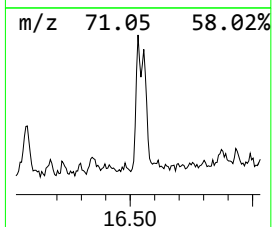
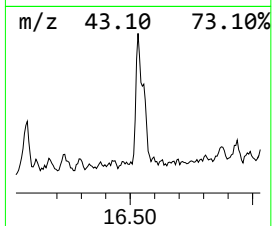
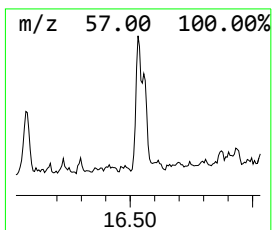
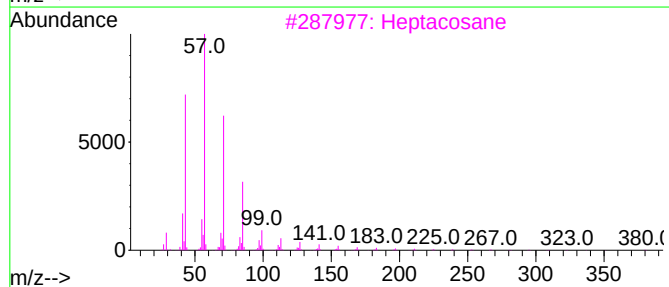
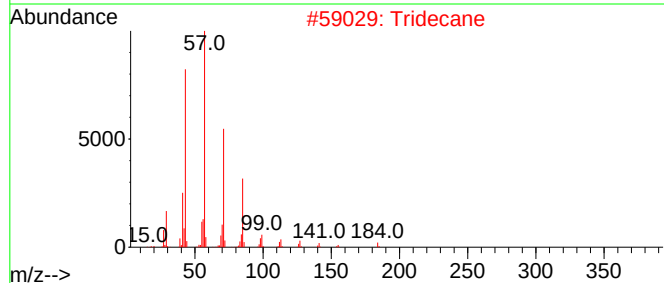
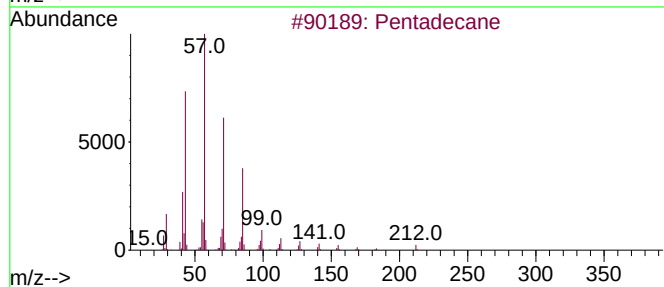
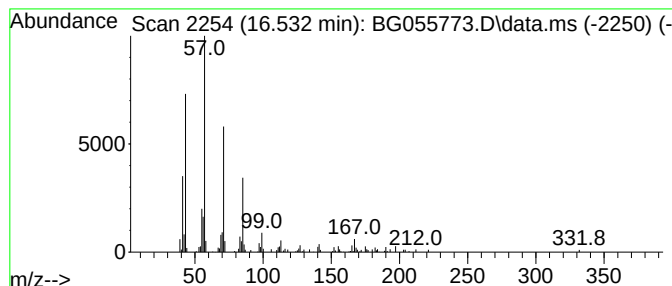
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.532	3.07 ng	95053	Phenanthrene-d10	17.607

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Tridecane	184	C13H28	000629-50-5	87
3			Heptacosane	380	C27H56	000593-49-7	83
4			Tetradecane	198	C14H30	000629-59-4	80
5			Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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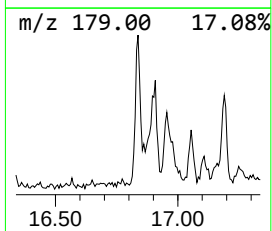
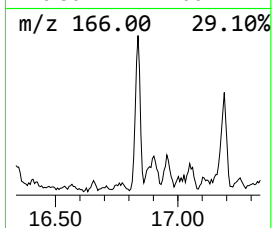
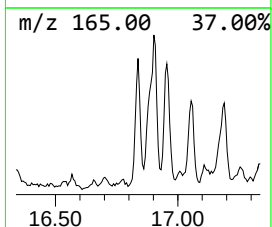
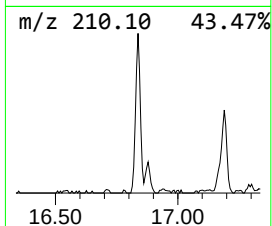
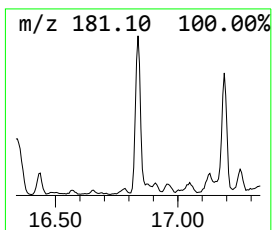
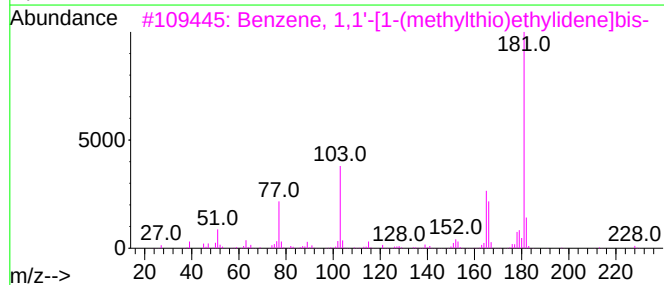
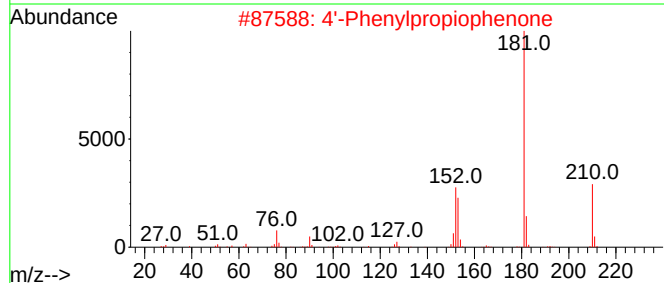
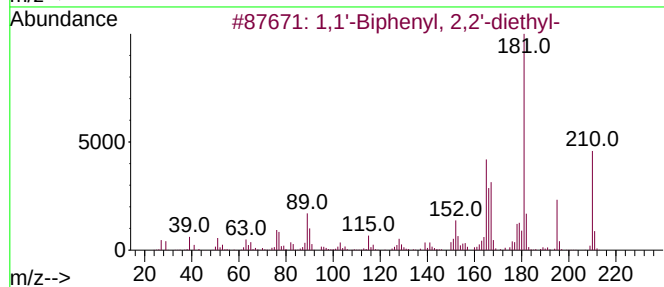
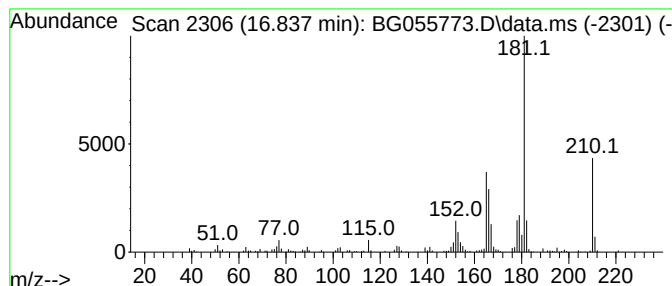
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,1'-Biphenyl, 2,2'-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.837	5.58 ng	172898	Phenanthrene-d10	17.607

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	87
2			4'-Phenylpropiophenone	210	C15H14O	037940-57-1	64
3			Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	53
4			Bifenthrin	422	C23H22ClF3O2	082657-04-3	53
5			1-Propanone, 1-(4-hydroxy-3,5-di...	210	C11H14O4	005650-43-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
Operator : CG/JU
Sample : N5745-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

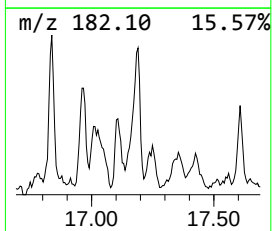
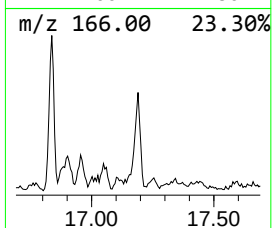
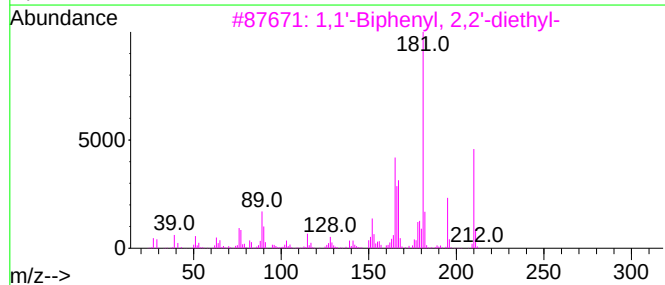
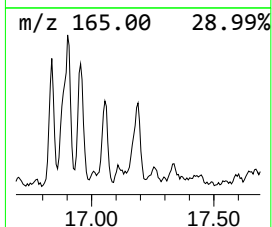
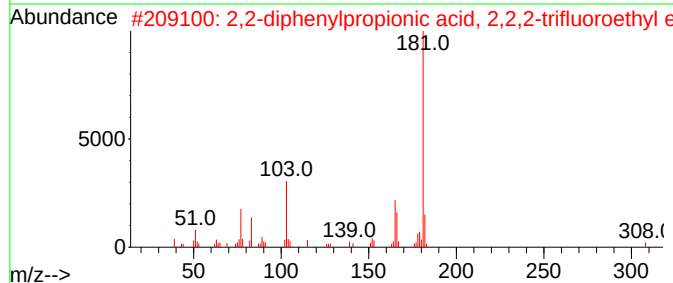
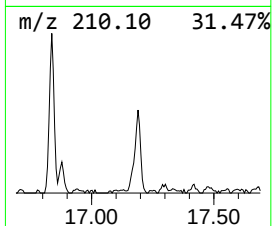
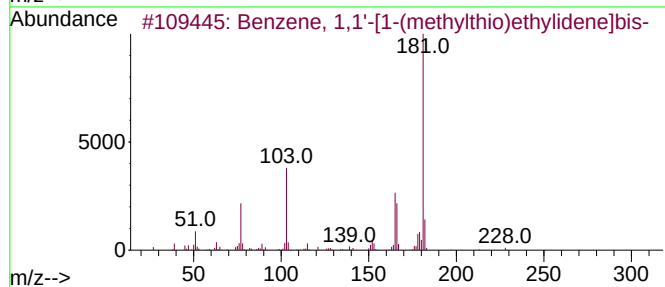
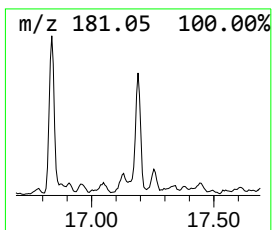
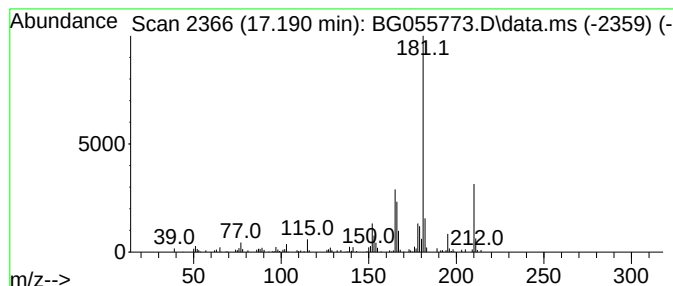
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,1'-[1-(methylthio)eth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.190	6.33 ng	196235	Phenanthrene-d10	17.607	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	64
2	2,2-diphenylpropionic acid, 2,2,...	308	C17H15F3O2	1000376-56-7	59
3	1,1'-Biphenyl, 2,2'-diethyl-	210	C16H18	013049-35-9	53
4	Benzo[b]benzo[3,4]cyclobuta[1,2-...	210	C14H10O2	042896-18-4	50
5	Phenazine, 1-methoxy-	210	C13H10N2O	002876-17-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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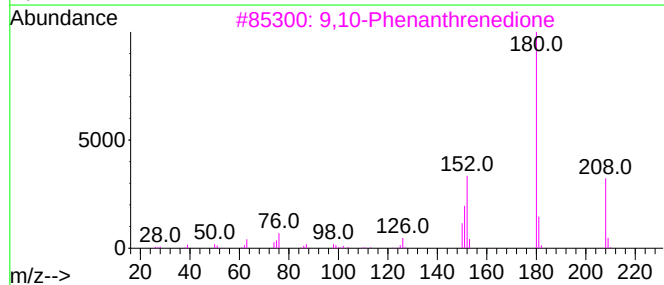
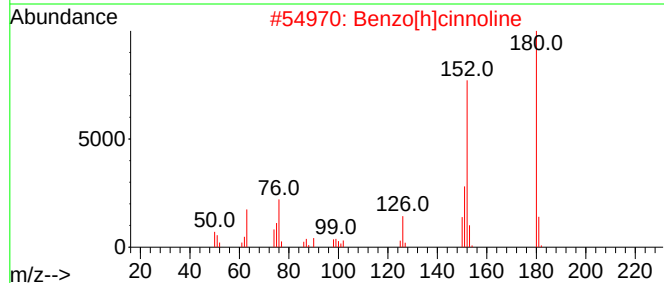
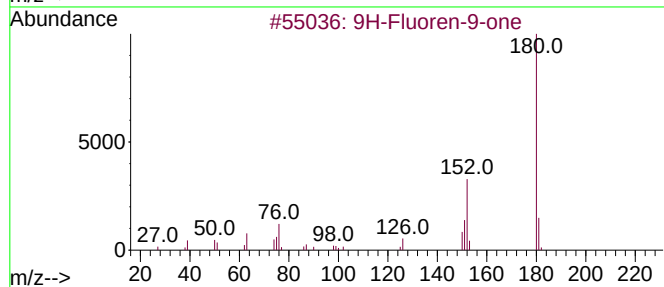
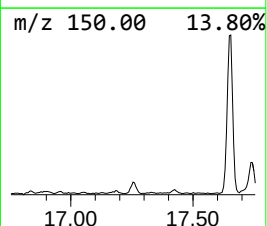
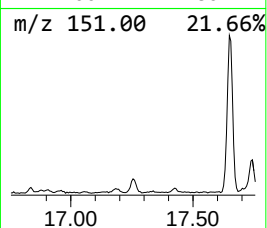
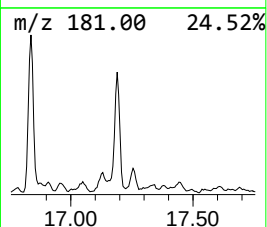
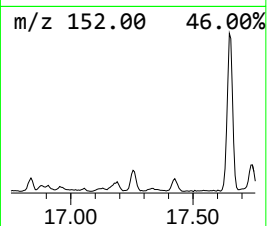
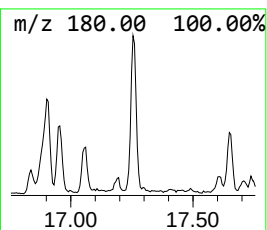
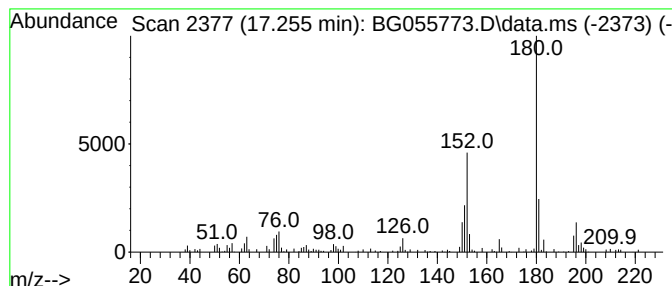
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.255	3.00 ng	93130	Phenanthrene-d10	17.607

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
3			9,10-Phenanthredione	208	C14H8O2	000084-11-7	80
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5			4-Acetyl-1-naphthonitrile	195	C13H9NO	029139-00-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
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Sample : N5745-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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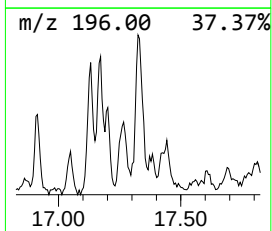
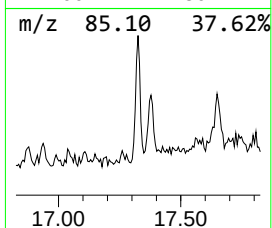
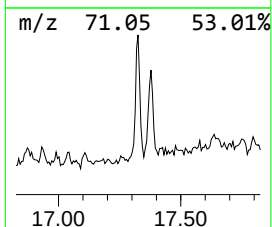
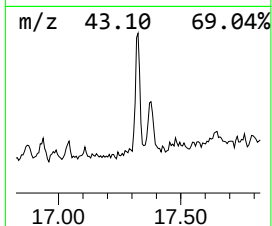
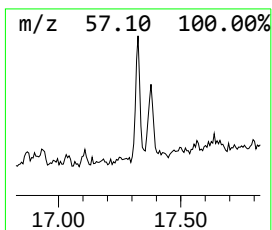
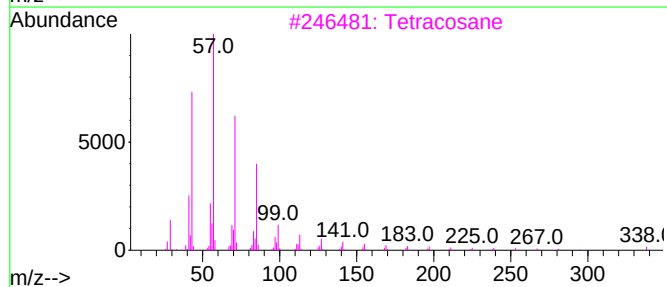
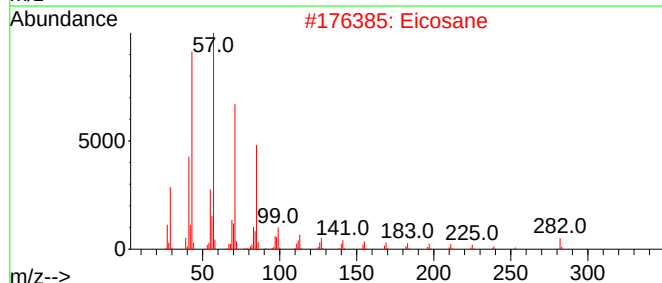
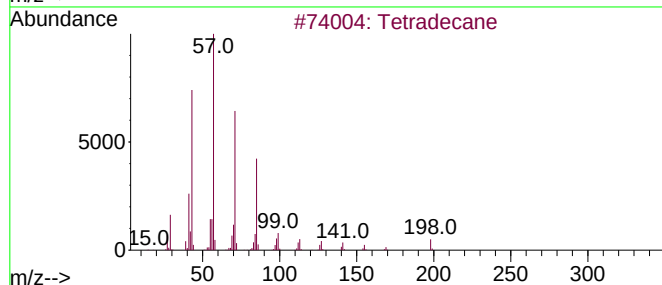
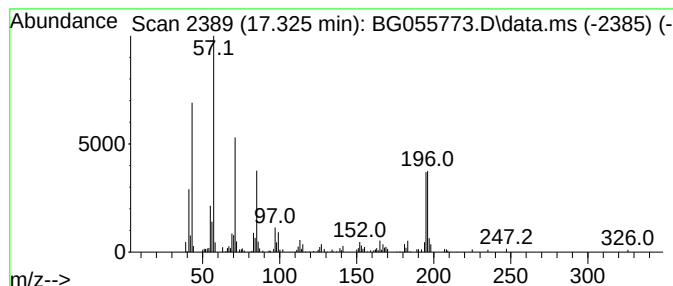
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.325	3.86 ng	119581	Phenanthrene-d10	17.607

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Eicosane	282	C20H42	000112-95-8	55
3			Tetracosane	338	C24H50	000646-31-1	53
4			Nonadecane	268	C19H40	000629-92-5	53
5			Octacosane	394	C28H58	000630-02-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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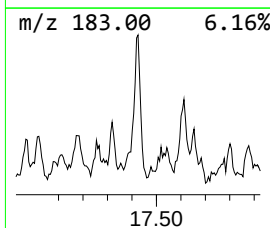
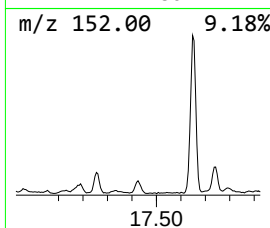
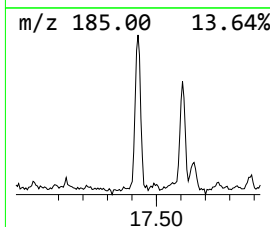
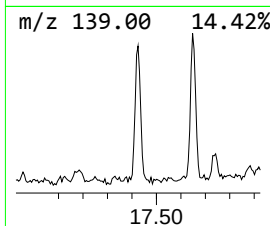
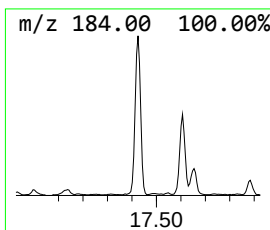
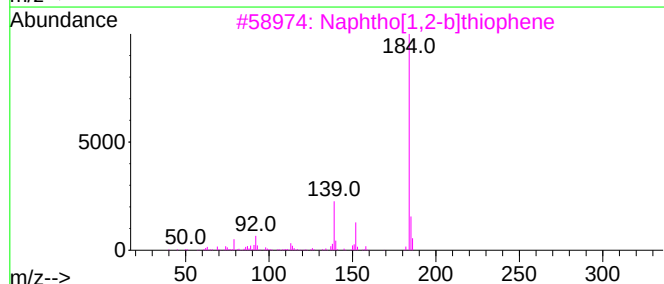
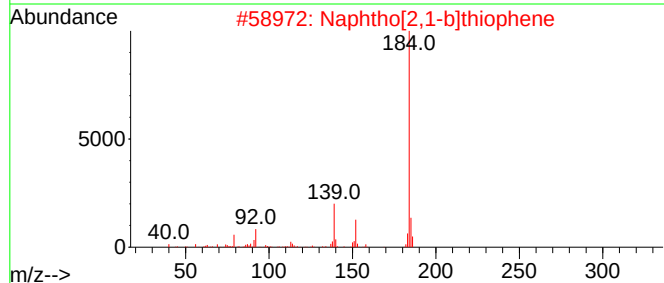
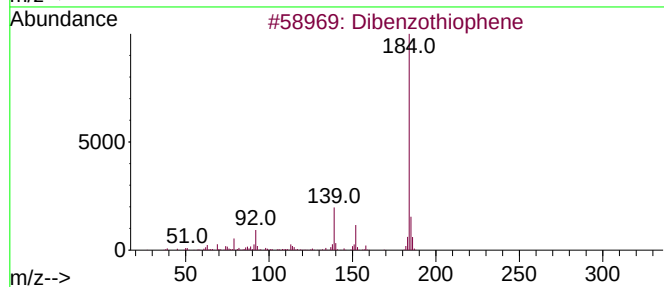
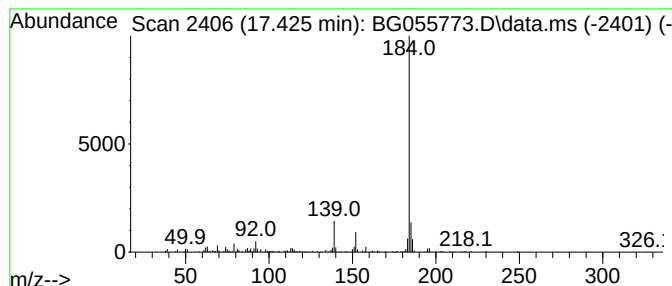
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.425	5.48 ng	169758	Phenanthrene-d10	17.607

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	94
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
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Sample : N5745-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

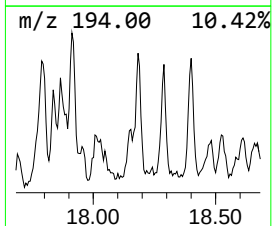
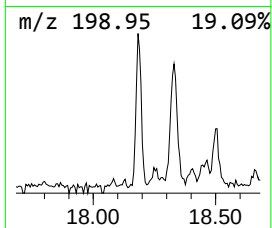
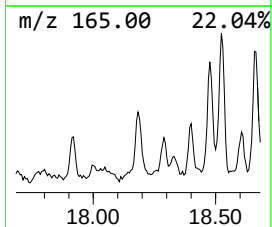
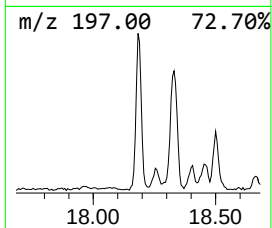
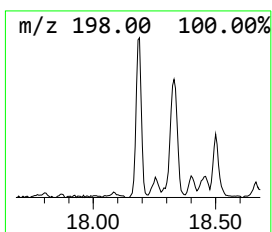
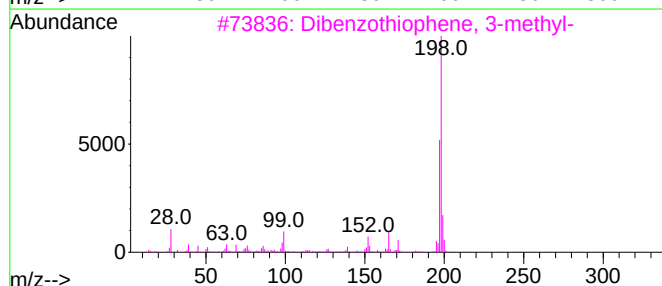
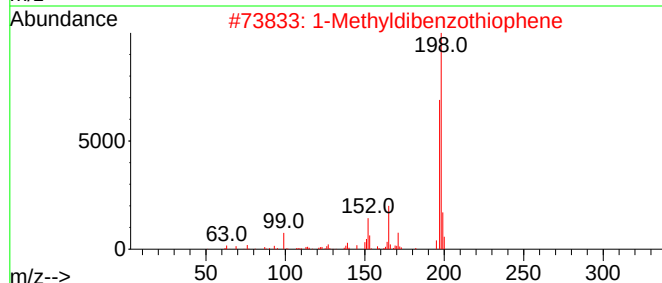
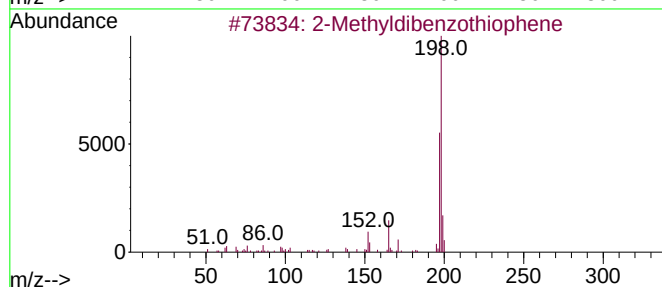
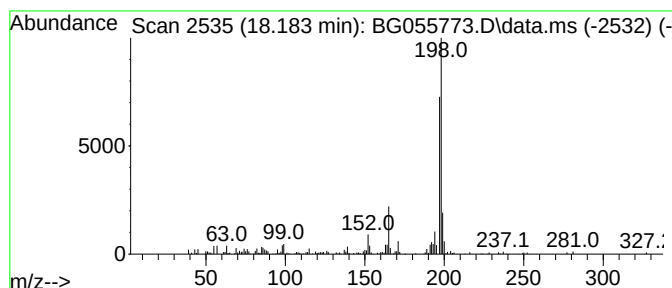
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ClientSampleId :
PAT-04-112122

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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 2-Methyldibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.183	4.76 ng	147666	Phenanthrene-d10	17.607	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
Operator : CG/JU
Sample : N5745-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PAT-04-112122

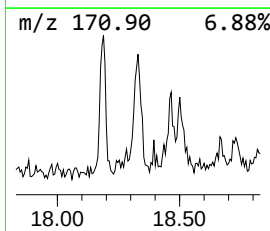
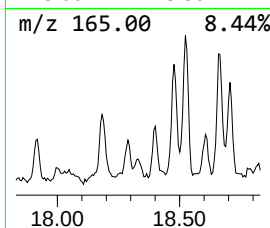
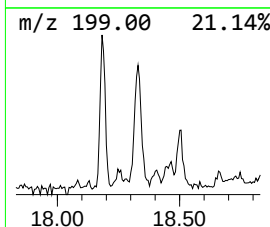
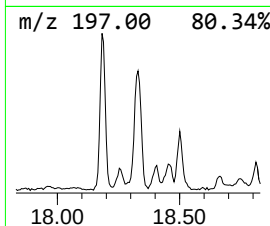
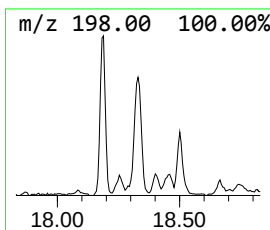
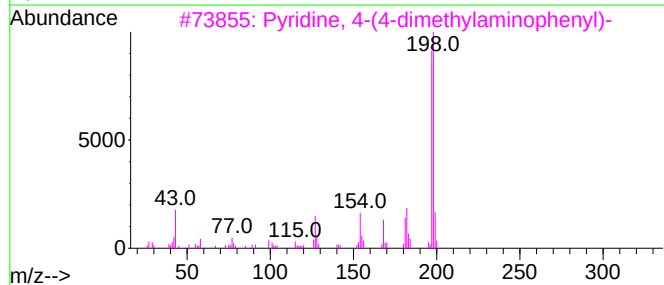
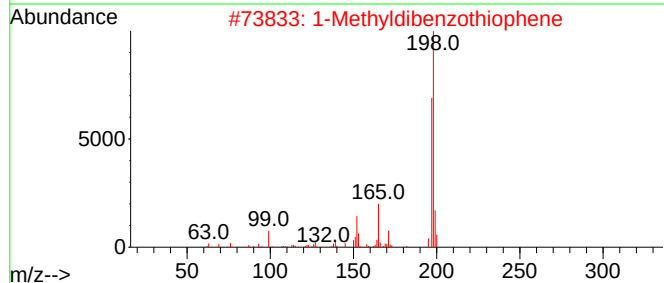
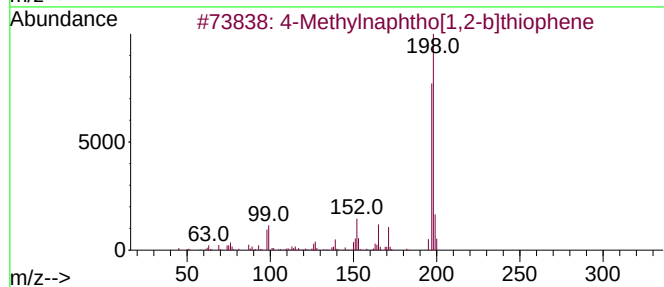
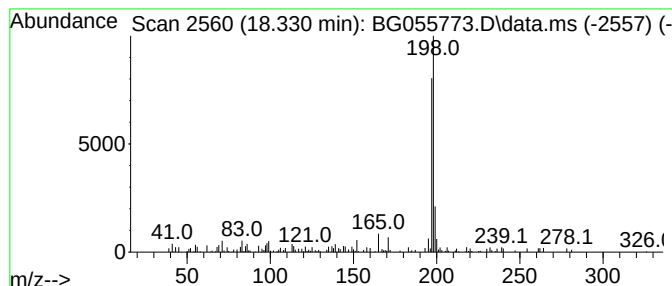
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.330	3.29 ng	101973	Phenanthrene-d10	17.607

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	90
2		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
3		Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	78
4		Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	78
5		Tacrine	198	C13H14N2	000321-64-2	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
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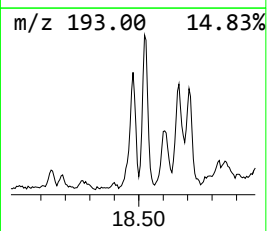
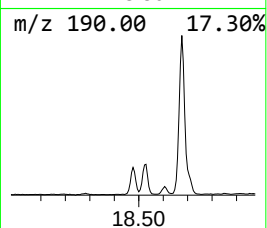
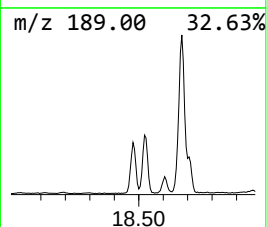
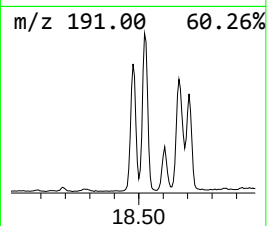
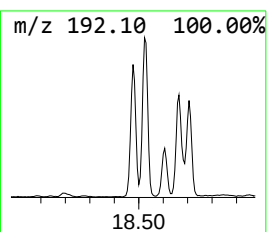
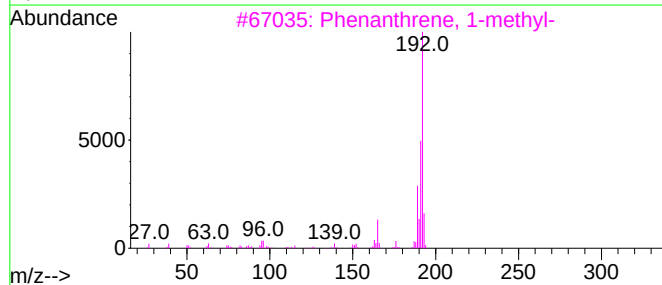
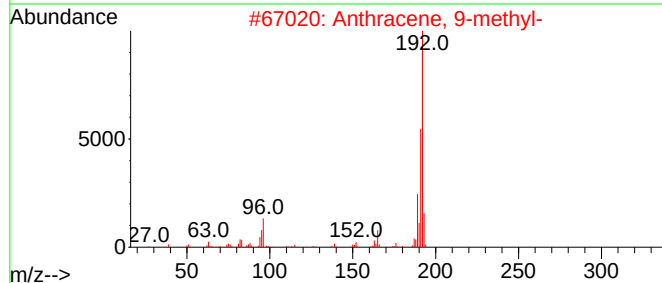
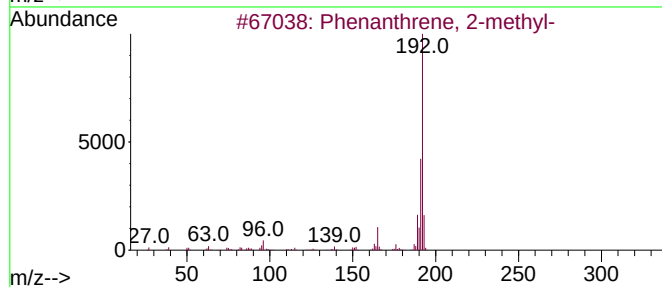
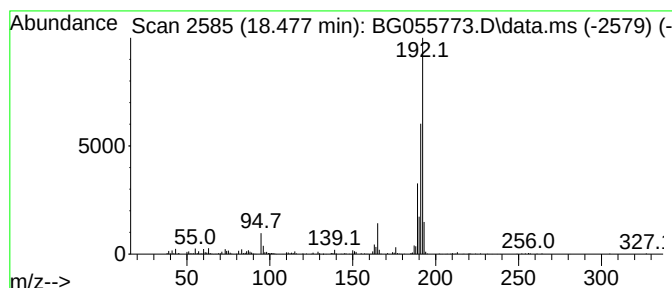
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.477	13.88 ng	430319	Phenanthrene-d10	17.607

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
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Operator : CG/JU
Sample : N5745-03 2X
Misc :
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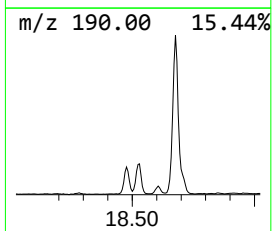
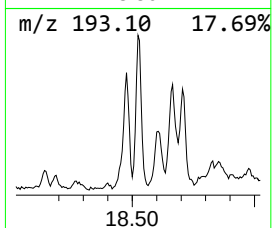
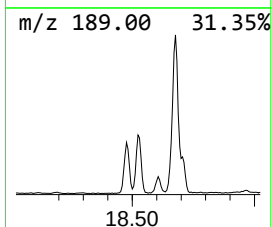
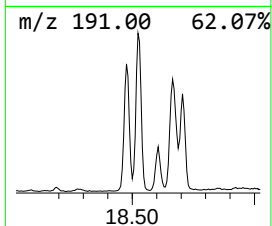
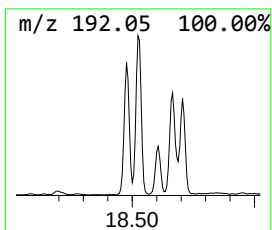
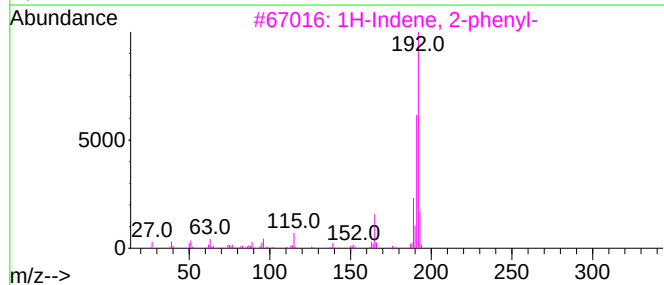
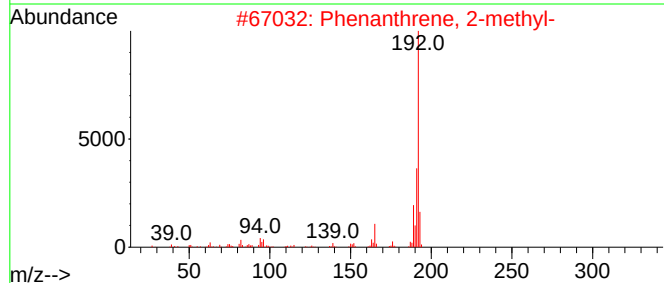
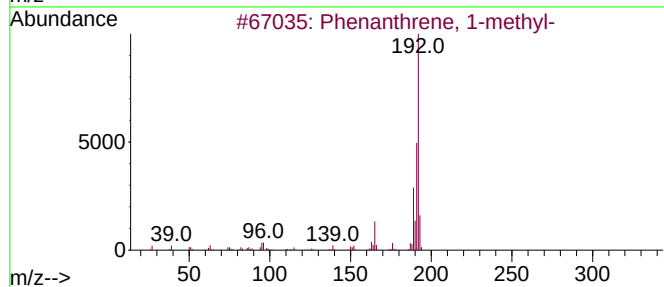
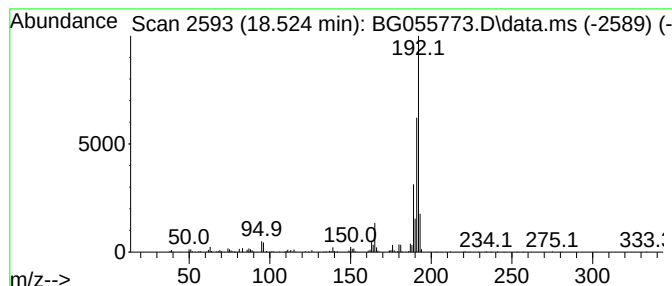
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.524	14.74 ng	457107	Phenanthrene-d10		17.607	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	95
4	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	95
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
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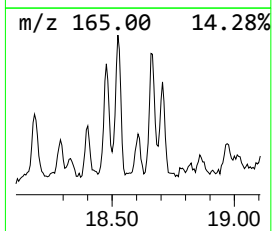
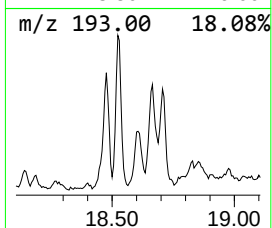
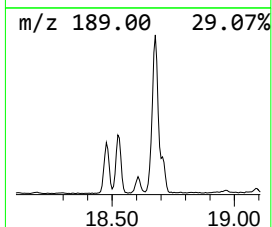
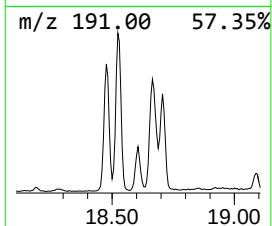
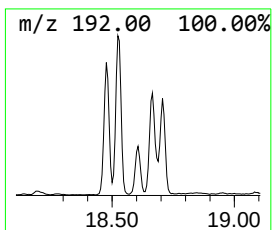
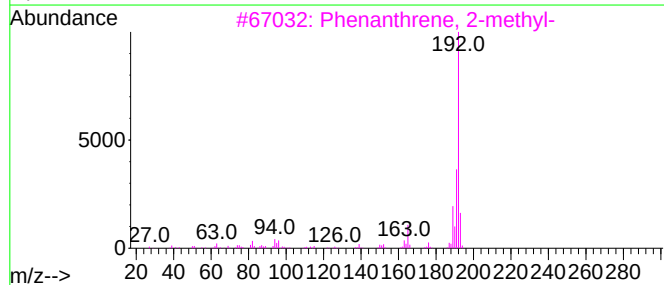
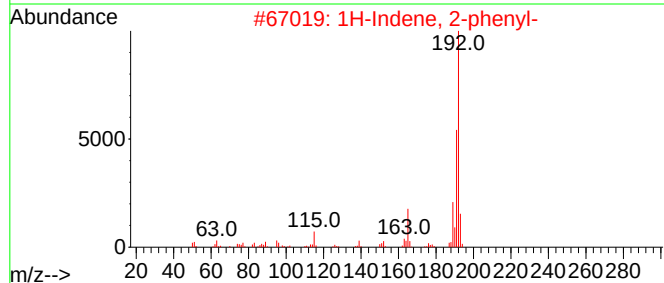
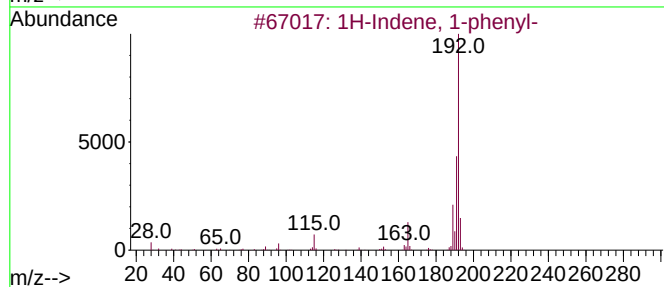
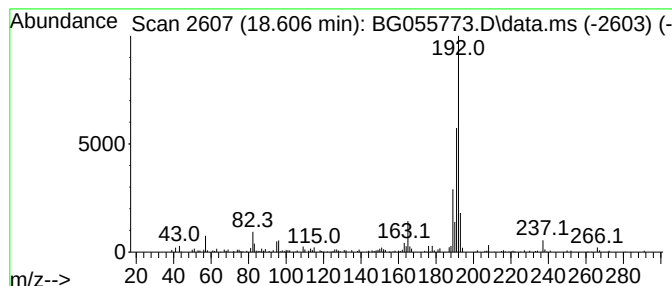
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Indene, 1-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.606	4.03 ng	124931	Phenanthrene-d10		17.607	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-		192	C15H12	001961-96-2	94
2	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	94
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	93
4	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
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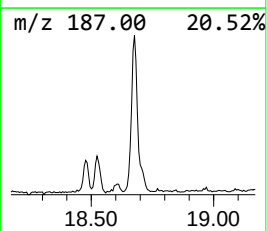
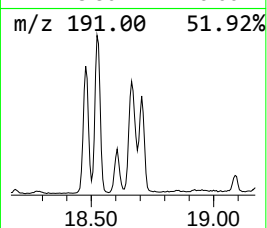
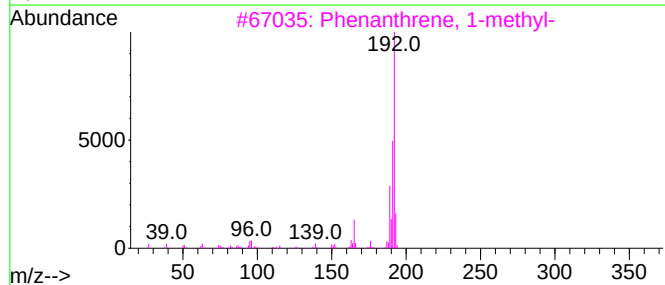
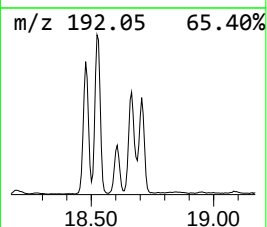
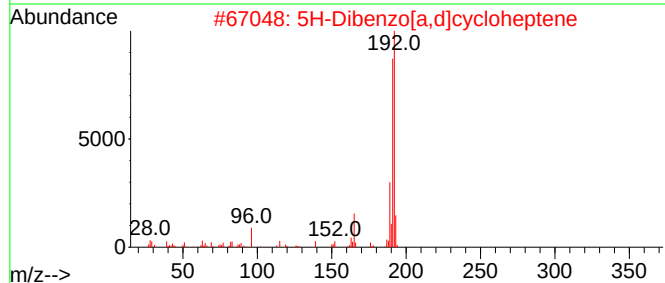
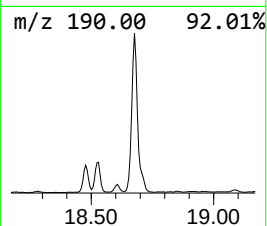
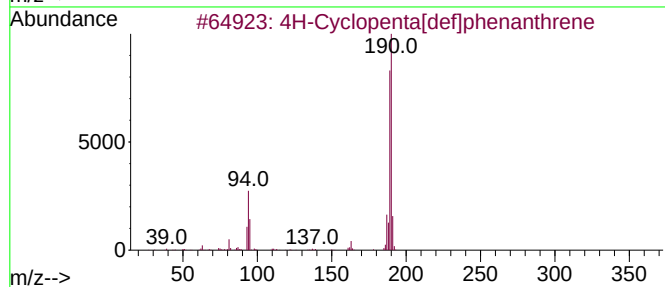
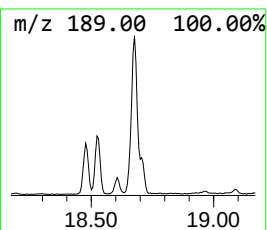
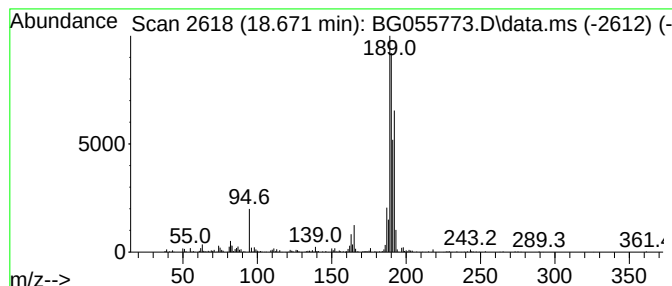
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.671	21.76 ng	674570	Phenanthrene-d10		17.607	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	58
2	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	30
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	25
4	Propyne, 1,3-diphenyl-		192	C15H12	004980-70-5	25
5	Anthracene, 9-methyl-		192	C15H12	000779-02-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
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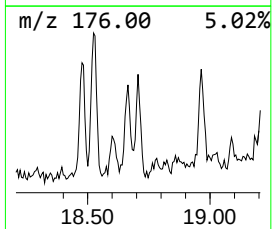
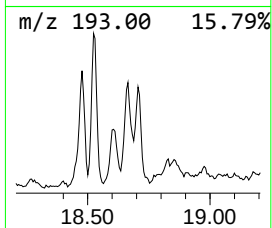
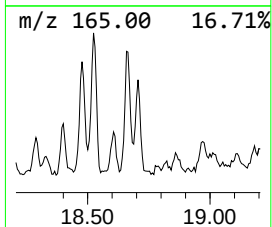
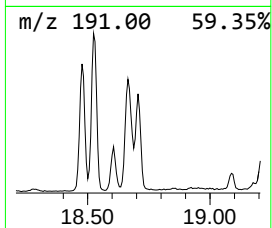
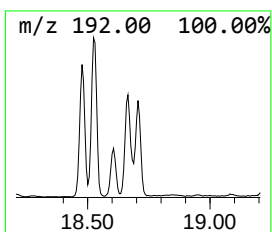
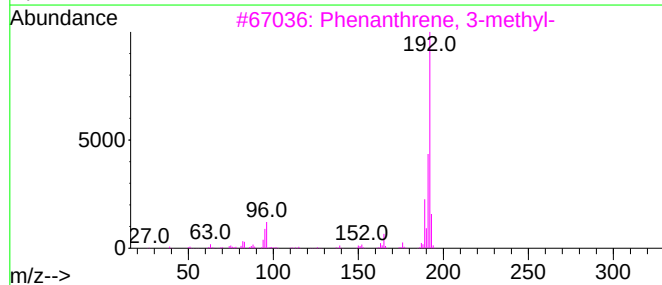
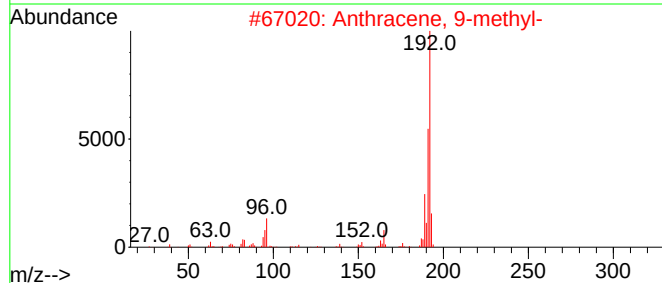
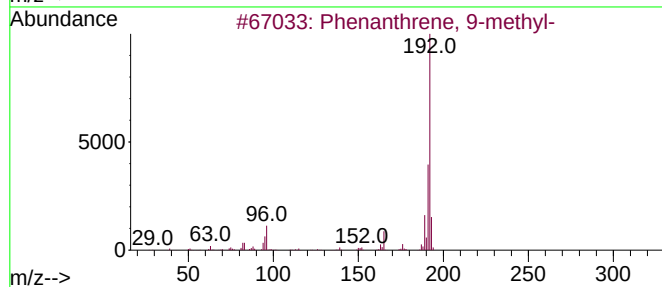
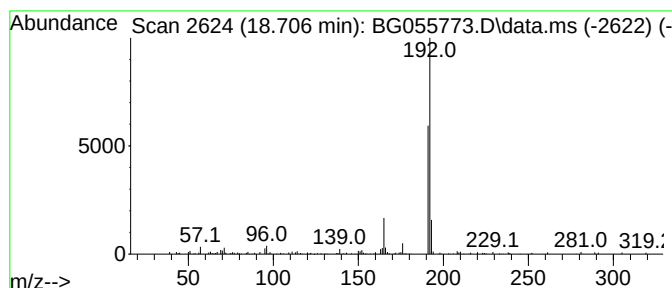
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Phenanthrene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.706	6.29 ng	195092	Phenanthrene-d10	17.607

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
PAT-04-112122

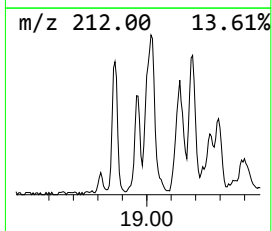
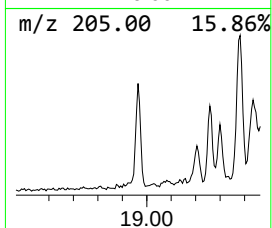
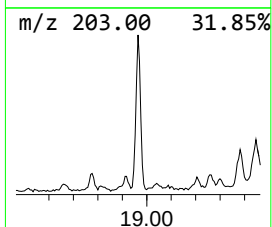
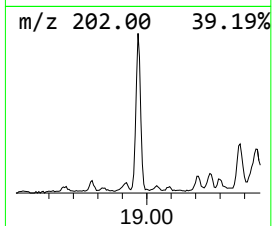
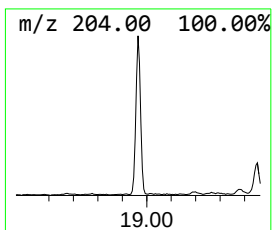
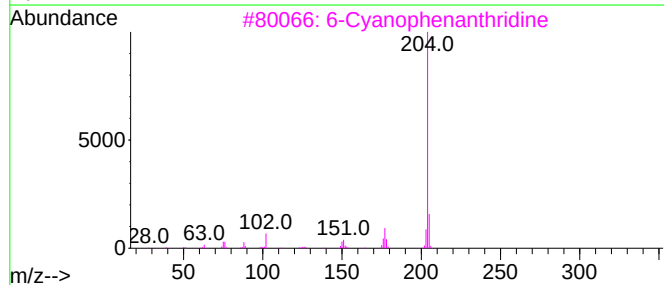
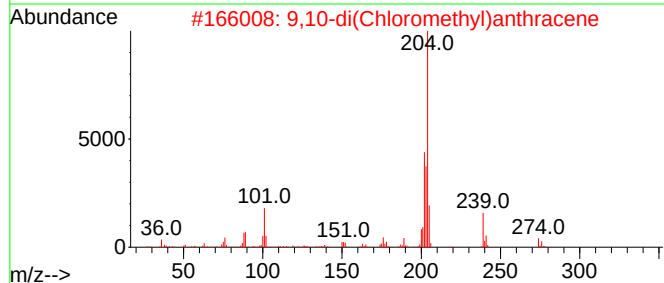
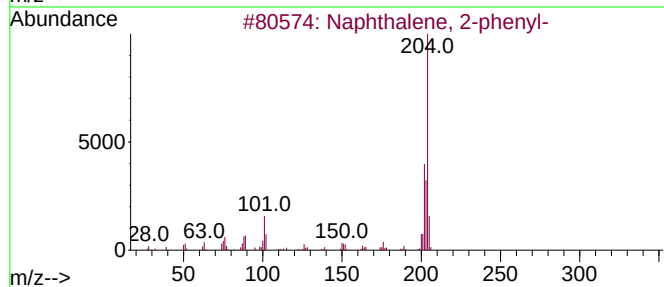
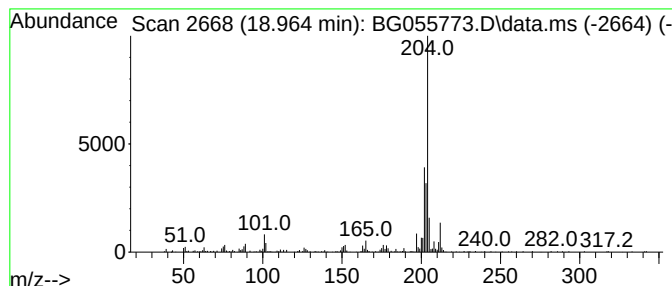
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.964	8.41 ng	260684	Phenanthrene-d10	17.607

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	72
3		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
Operator : CG/JU
Sample : N5745-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-04-112122

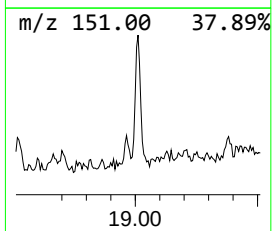
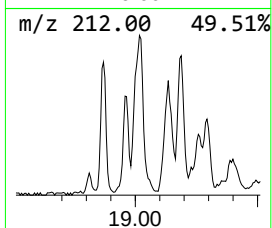
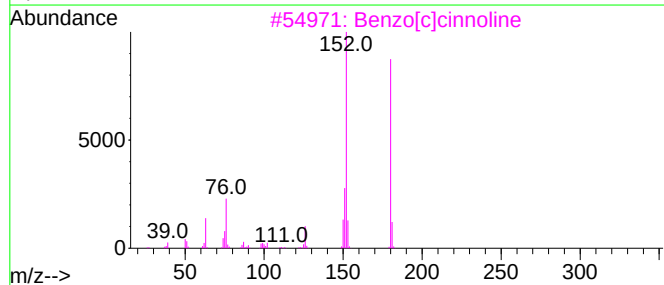
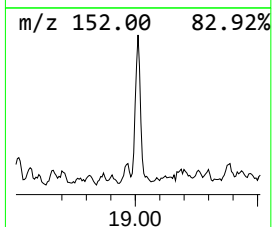
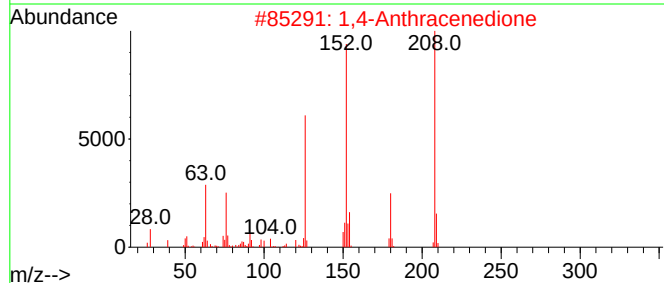
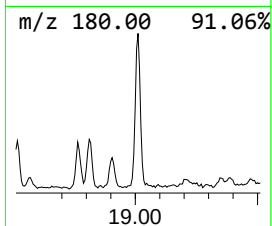
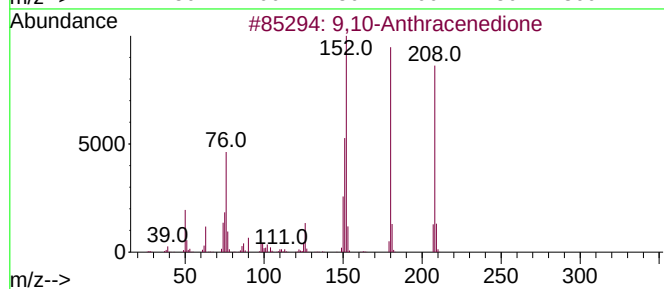
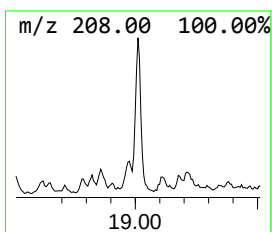
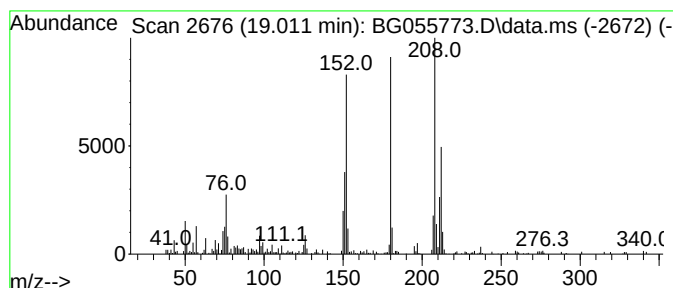
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.011	6.87 ng	212969	Phenanthrene-d10	17.607

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	55
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
Data File : BG055773.D
Acq On : 24 Nov 2022 3:09
Operator : CG/JU
Sample : N5745-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-04-112122

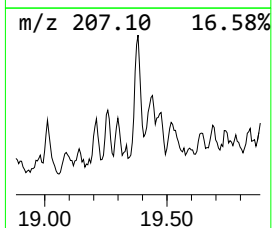
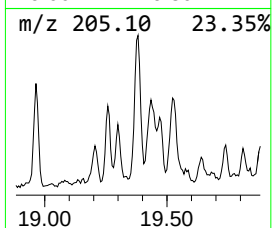
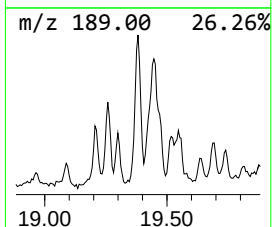
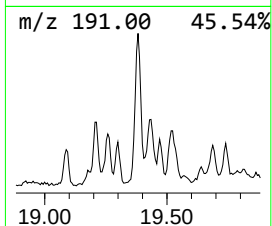
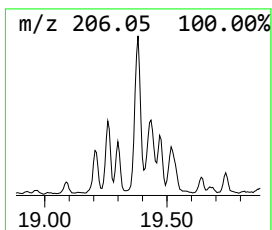
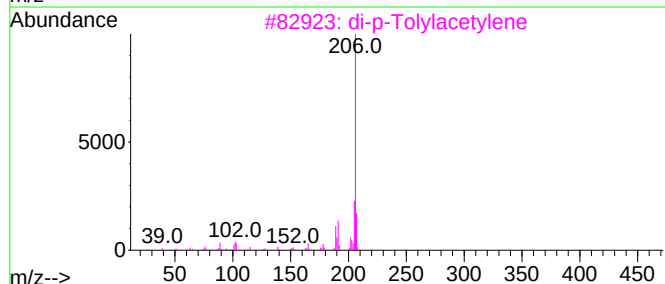
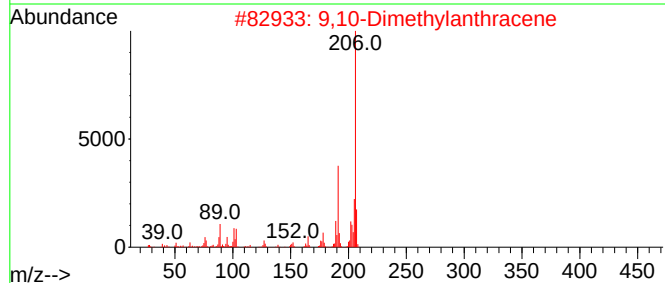
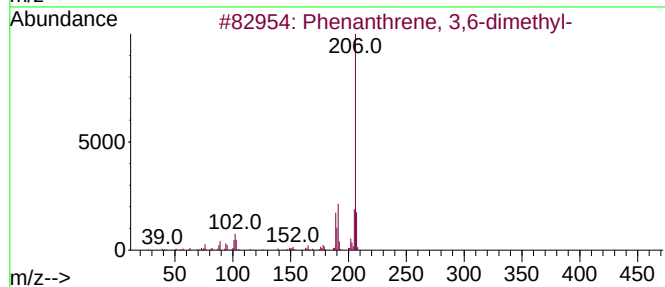
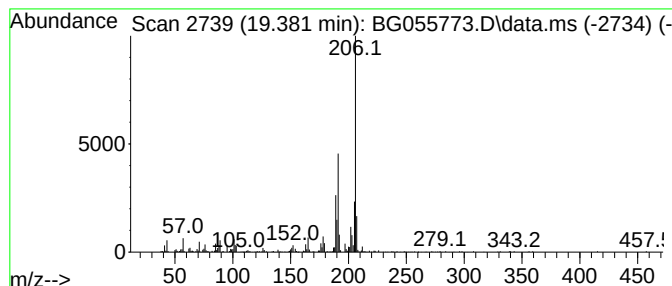
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.381	11.97 ng	371224	Phenanthrene-d10	17.607

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055773.D
 Acq On : 24 Nov 2022 3:09
 Operator : CG/JU
 Sample : N5745-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAT-04-112122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.286	6.3	ng	93097	1	8.242	296551	20.0
Naphthalene, 1,...	14.182	4.1	ng	111972	3	14.863	546642	20.0
Hexadecane	15.674	4.1	ng	112377	3	14.863	546642	20.0
Dibenzofuran, 4...	16.197	4.7	ng	127633	3	14.863	546642	20.0
Pentadecane	16.532	3.1	ng	95053	4	17.607	620027	20.0
1,1'-Biphenyl, ...	16.837	5.6	ng	172898	4	17.607	620027	20.0
Benzene, 1,1'-[...	17.190	6.3	ng	196235	4	17.607	620027	20.0
9H-Fluoren-9-one	17.255	3.0	ng	93130	4	17.607	620027	20.0
Tetradecane	17.325	3.9	ng	119581	4	17.607	620027	20.0
Dibenzothiophene	17.425	5.5	ng	169758	4	17.607	620027	20.0
2-Methyldibenzo...	18.183	4.8	ng	147666	4	17.607	620027	20.0
4-Methylnaphtho...	18.330	3.3	ng	101973	4	17.607	620027	20.0
Phenanthrene, 2...	18.477	13.9	ng	430319	4	17.607	620027	20.0
Phenanthrene, 1...	18.524	14.7	ng	457107	4	17.607	620027	20.0
1H-Indene, 1-ph...	18.606	4.0	ng	124931	4	17.607	620027	20.0
4H-Cyclopenta[d...	18.671	21.8	ng	674570	4	17.607	620027	20.0
Phenanthrene, 9...	18.706	6.3	ng	195092	4	17.607	620027	20.0
Naphthalene, 2-...	18.964	8.4	ng	260684	4	17.607	620027	20.0
9,10-Anthracene...	19.011	6.9	ng	212969	4	17.607	620027	20.0
Phenanthrene, 3...	19.381	12.0	ng	371224	4	17.607	620027	20.0