

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050720.D
 Acq On : 25 Oct 2021 21:30
 Operator : CG/JU
 Sample : M4290-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

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-BG100621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050720.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.788	382	391	406	rBV	583061	1005927	58.50%	7.763%
2	7.397	656	665	673	rBV	592930	1073137	62.41%	8.282%
3	8.249	802	810	821	rBV	144946	261239	15.19%	2.016%
4	9.419	1001	1009	1023	rVB	372046	694452	40.39%	5.359%
5	10.817	1238	1247	1258	rBV	93730	173266	10.08%	1.337%
6	11.075	1283	1291	1298	rBV	202984	370611	21.55%	2.860%
7	13.490	1694	1702	1712	rVB	855813	1317490	76.62%	10.168%
8	14.430	1855	1862	1865	rBV	10965	19546	1.14%	0.151%
9	14.589	1882	1889	1897	rBV4	13442	26314	1.53%	0.203%
10	14.865	1927	1936	1943	rBV	305943	495276	28.80%	3.822%
11	14.930	1943	1947	1954	rVB	59665	96408	5.61%	0.744%
12	15.259	1995	2003	2010	rVB8	14275	28164	1.64%	0.217%
13	15.329	2010	2015	2021	rBV2	11982	20695	1.20%	0.160%
14	15.476	2034	2040	2044	rBV3	15337	27134	1.58%	0.209%
15	15.629	2061	2066	2072	rBV5	9503	23795	1.38%	0.184%
16	15.911	2108	2114	2123	rVB3	30394	58318	3.39%	0.450%
17	16.070	2138	2141	2146	rVB3	19668	28684	1.67%	0.221%
18	16.199	2159	2163	2172	rVB2	22708	45822	2.66%	0.354%
19	16.352	2182	2189	2196	rBV	655054	1008965	58.68%	7.787%
20	16.569	2216	2226	2235	rBV	10896	32072	1.87%	0.248%
21	16.710	2245	2250	2254	rBV7	10444	17627	1.03%	0.136%
22	16.910	2275	2284	2288	rBV5	32815	83029	4.83%	0.641%
23	16.957	2288	2292	2298	rVV4	18471	35573	2.07%	0.275%
24	17.063	2305	2310	2315	rVB2	21821	38033	2.21%	0.294%
25	17.268	2337	2345	2352	rBV2	9058	18299	1.06%	0.141%
26	17.333	2352	2356	2360	rBV5	11611	21536	1.25%	0.166%
27	17.433	2368	2373	2379	rVB	40803	65146	3.79%	0.503%
28	17.615	2397	2404	2408	rBV	366088	590513	34.34%	4.557%
29	17.656	2408	2411	2416	rVB	101581	143185	8.33%	1.105%
30	17.744	2416	2426	2431	rBV	45580	81526	4.74%	0.629%
31	17.797	2431	2435	2440	rVB3	14773	28003	1.63%	0.216%
32	18.126	2487	2491	2494	rBV3	13687	20054	1.17%	0.155%
33	18.191	2498	2502	2508	rVV	42463	68877	4.01%	0.532%
34	18.243	2508	2511	2517	rVB4	15157	21881	1.27%	0.169%
35	18.332	2521	2526	2534	rBV	28160	54232	3.15%	0.419%
36	18.484	2546	2552	2557	rBV3	55087	124837	7.26%	0.963%

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37	18.531	2558	2560	2566	rVB2	34115	44540	2.59%	0.344%
38	18.614	2569	2574	2579	rBV2	33980	58337	3.39%	0.450%
39	18.684	2579	2586	2590	rBV3	103251	205913	11.98%	1.589%
40	18.878	2616	2619	2622	rVB2	14372	18923	1.10%	0.146%
41	18.972	2631	2635	2639	rBV2	47652	72176	4.20%	0.557%
42	19.025	2640	2644	2651	rVB4	23547	45171	2.63%	0.349%
43	19.266	2682	2685	2688	rBV	24410	33206	1.93%	0.256%
44	19.389	2701	2706	2710	rBV	72473	127718	7.43%	0.986%
45	19.524	2725	2729	2731	rBV2	27052	41203	2.40%	0.318%
46	19.654	2745	2751	2757	rBV	325164	479896	27.91%	3.704%
47	19.983	2803	2807	2808	rBV	43263	56011	3.26%	0.432%
48	20.018	2808	2813	2819	rVV	330256	509681	29.64%	3.933%
49	20.083	2820	2824	2829	rVB	34469	47661	2.77%	0.368%
50	20.200	2839	2844	2849	rVB	1338625	1719430	100.00%	13.269%
51	20.600	2909	2912	2916	rVB	47092	56617	3.29%	0.437%
52	20.658	2919	2922	2926	rVB	38463	52759	3.07%	0.407%
53	21.910	3128	3135	3141	rBV2	317290	668845	38.90%	5.162%
54	25.329	3711	3717	3727	rVB2	178474	500052	29.08%	3.859%

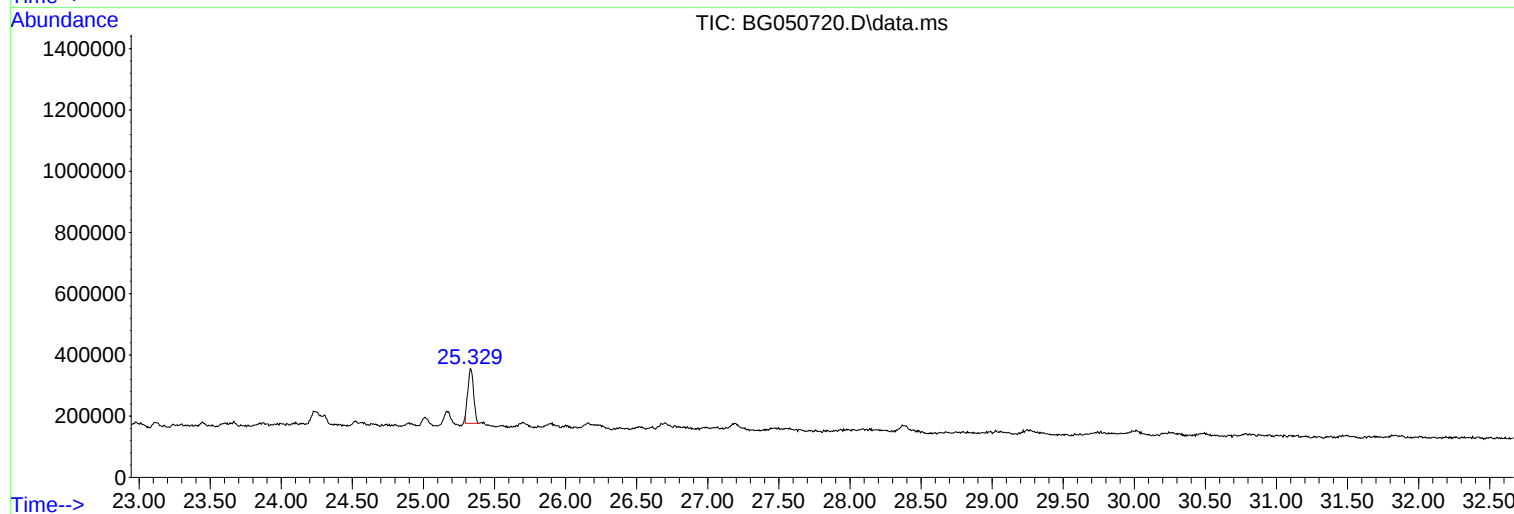
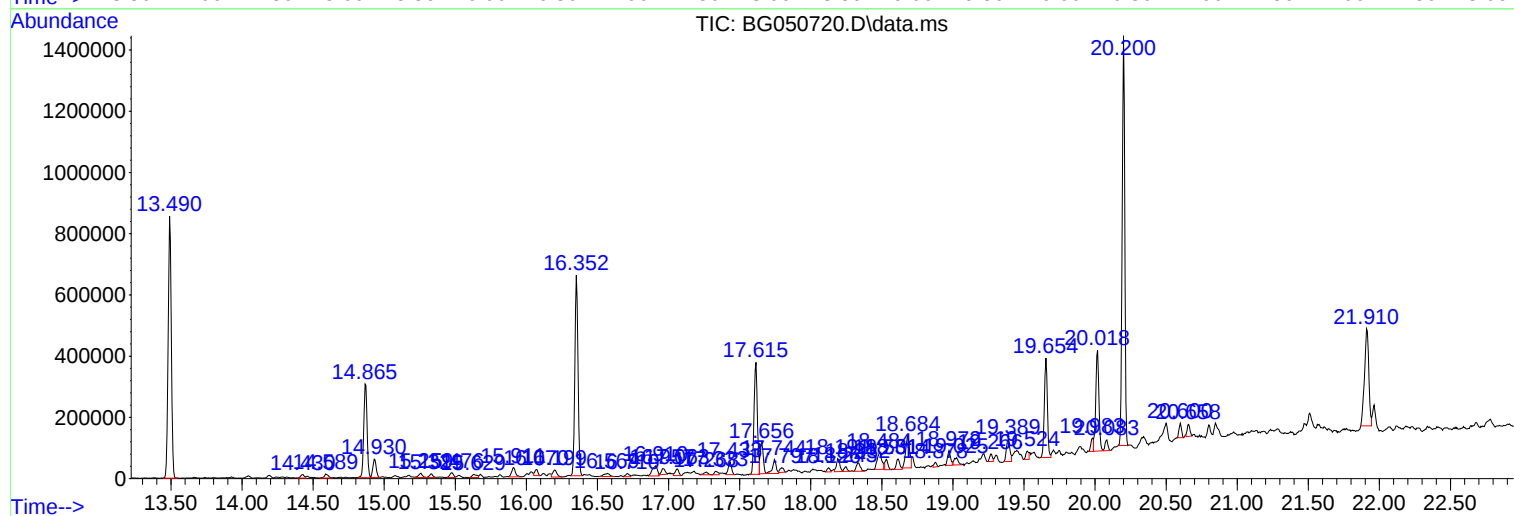
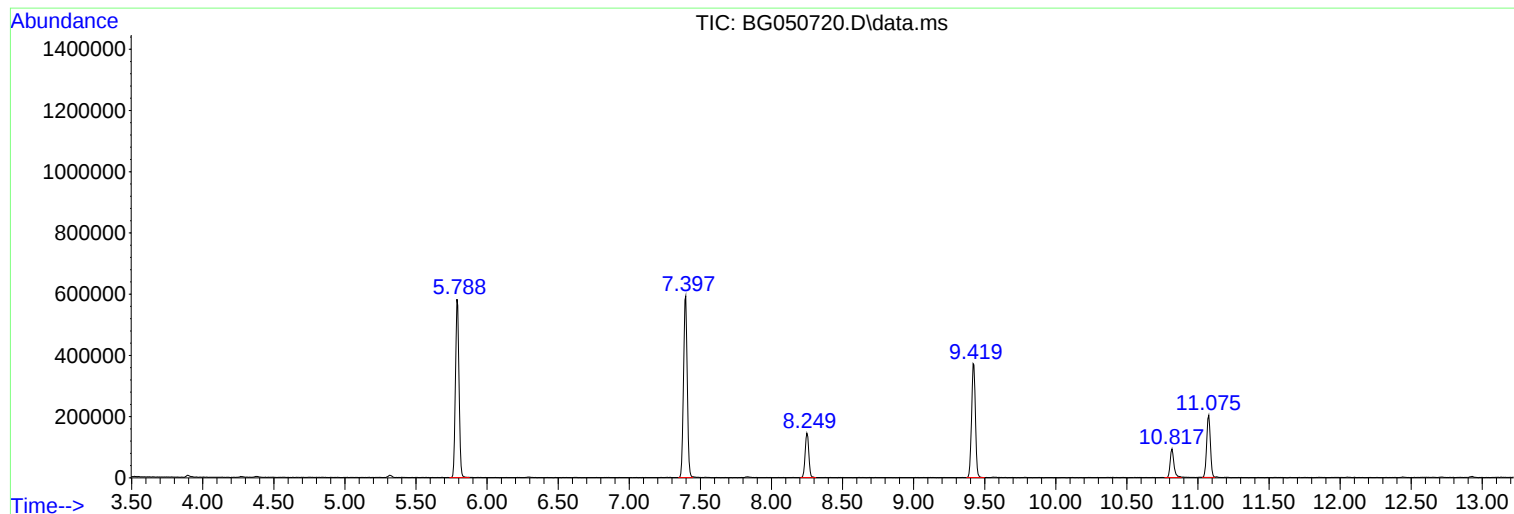
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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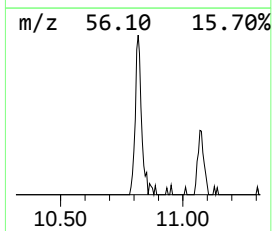
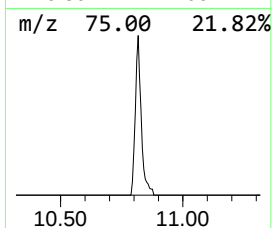
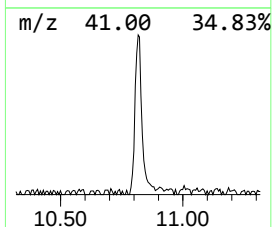
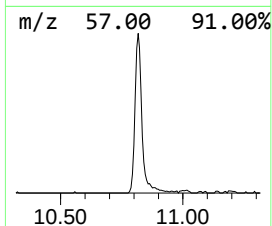
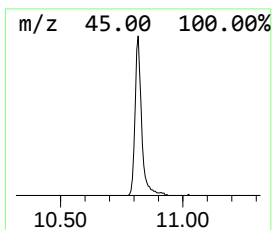
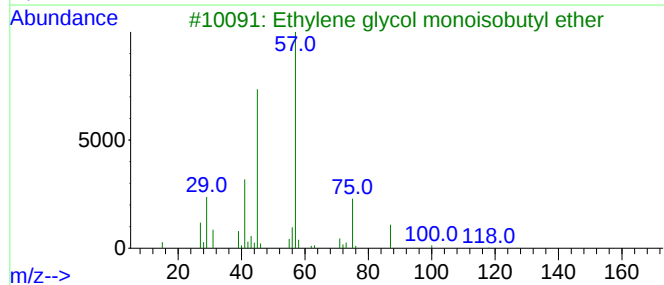
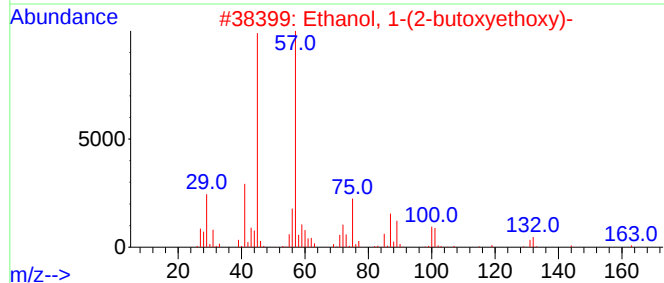
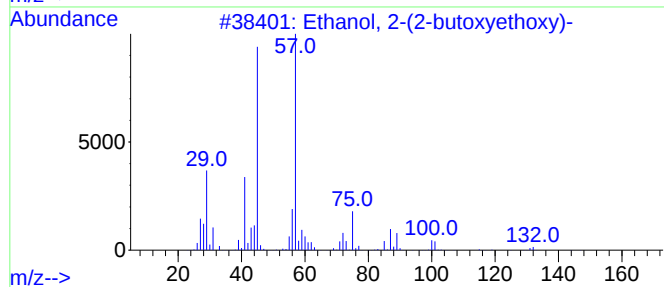
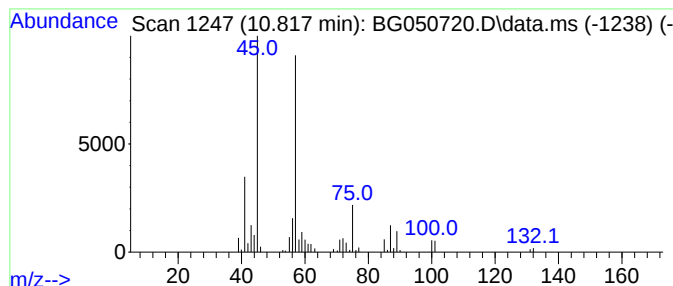
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.817	9.35 ng	173266	Naphthalene-d8	11.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4			Di-sec-Butyl ether	130	C8H18O	006863-58-7	50
5			Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	50



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ClientSampled :
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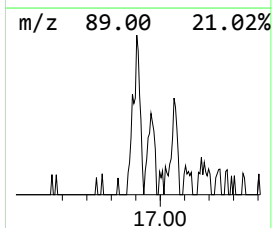
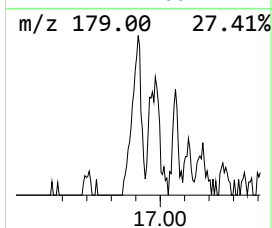
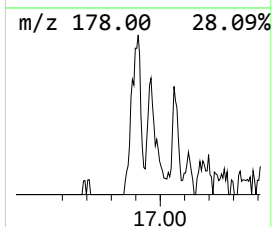
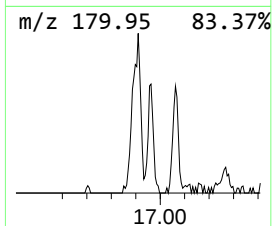
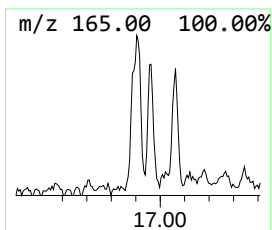
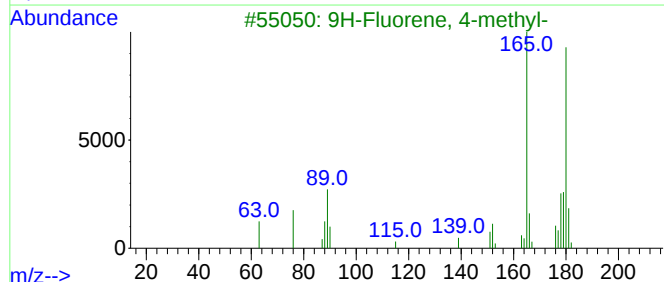
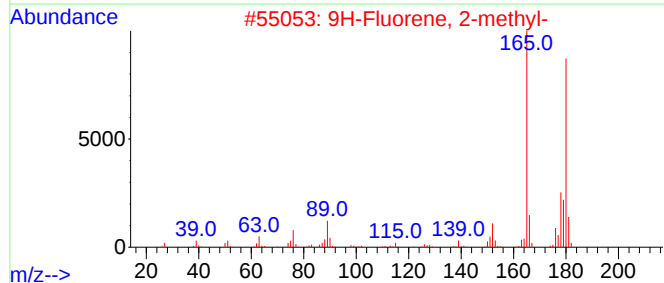
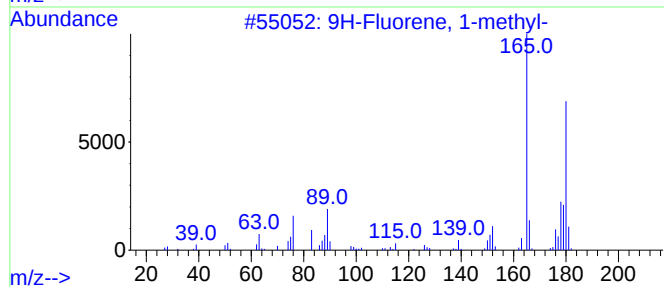
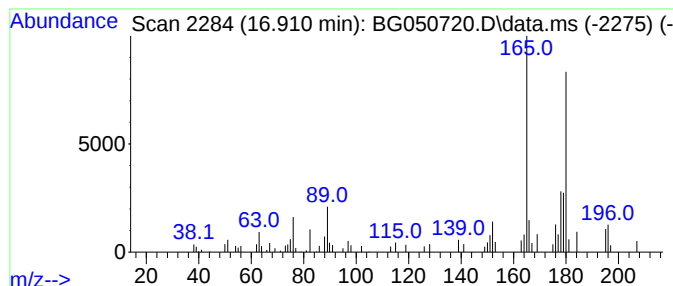
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	2.81 ng	83029	Phenanthrene-d10	17.615

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76



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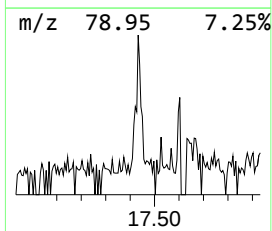
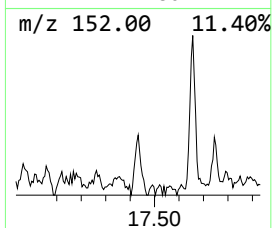
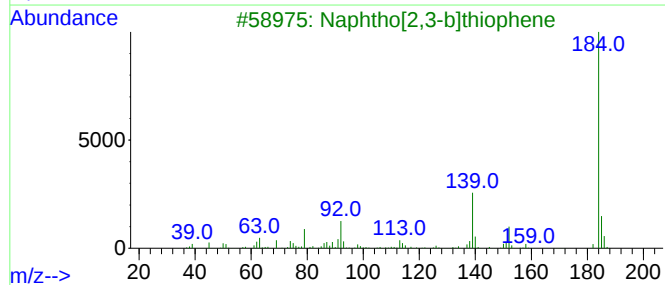
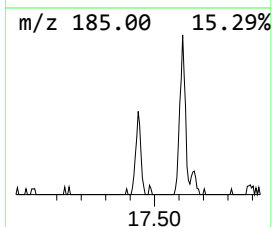
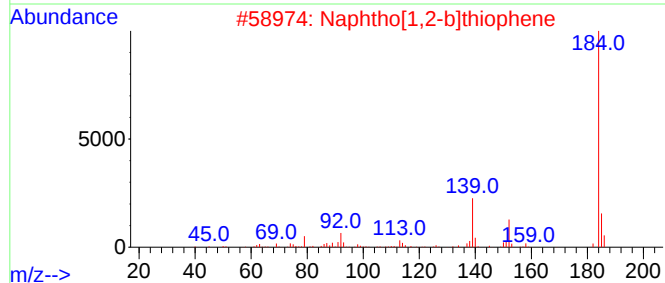
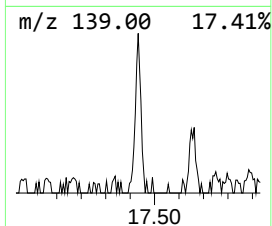
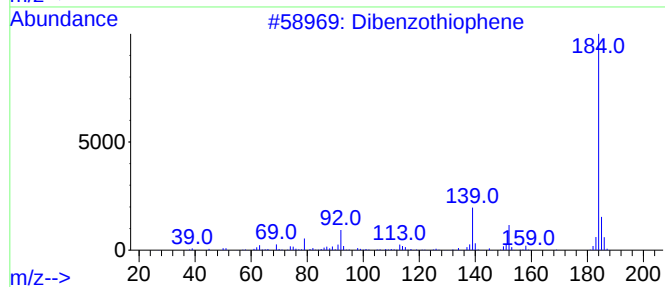
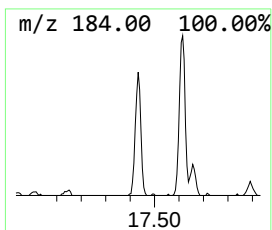
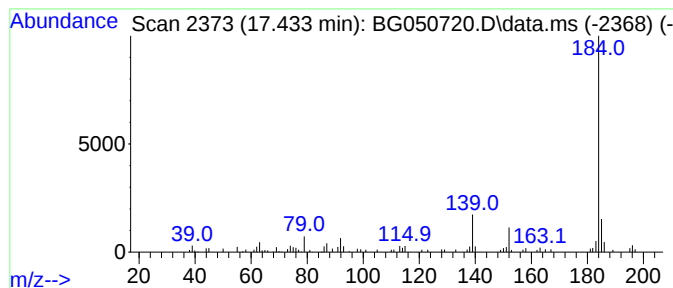
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	2.21 ng	65146	Phenanthrene-d10	17.615

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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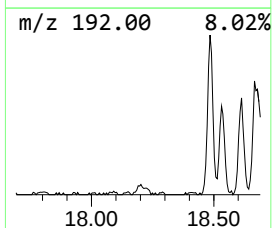
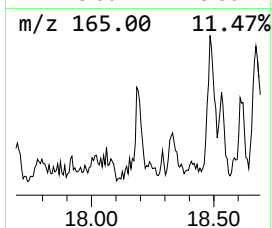
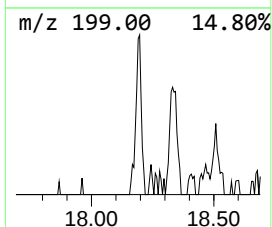
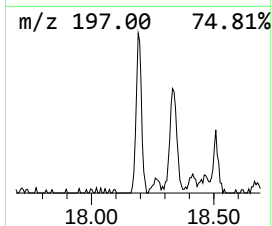
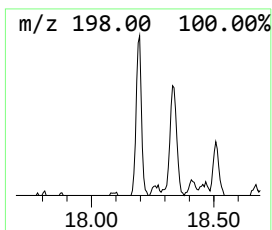
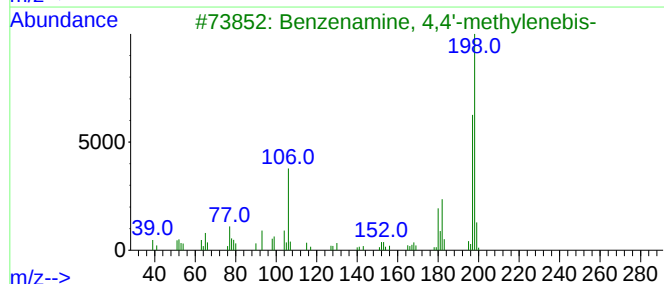
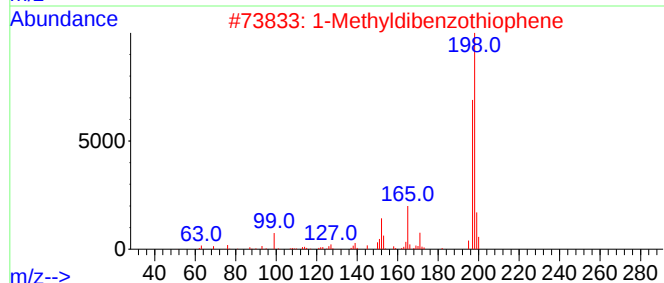
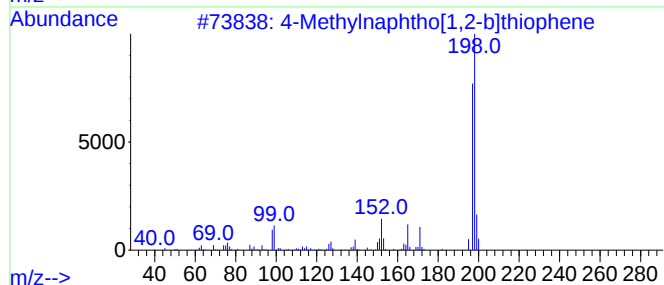
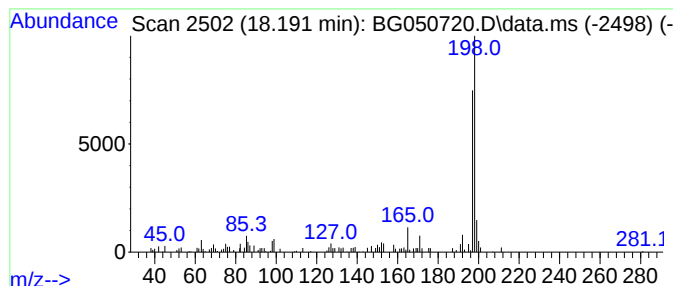
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.191	2.33 ng	68877	Phenanthrene-d10	17.615

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	86
3			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
4			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	68
5			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	62



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TP-1

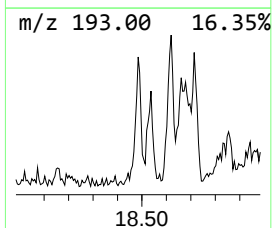
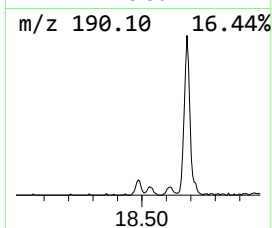
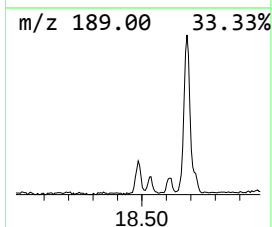
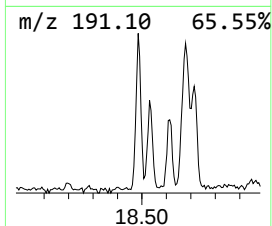
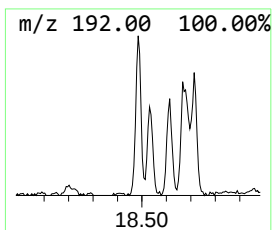
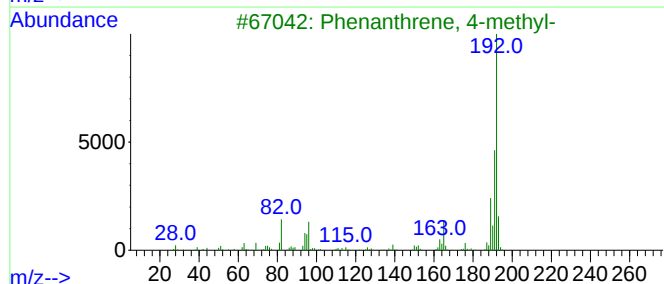
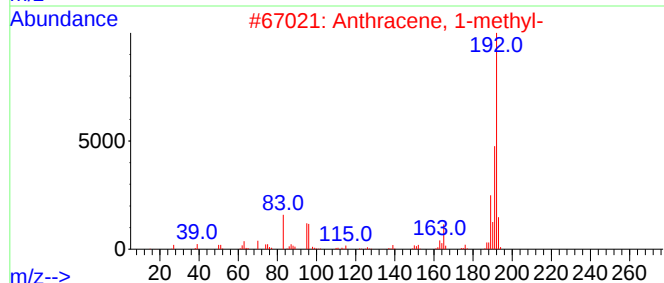
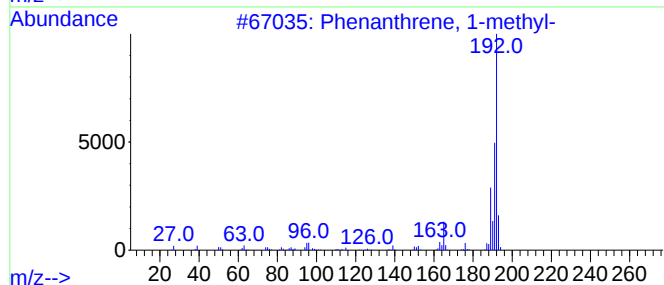
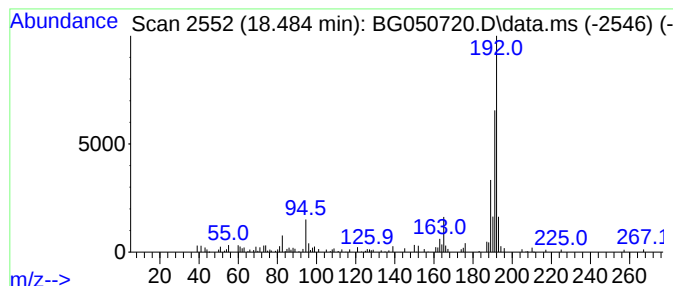
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.484	4.23 ng	124837	Phenanthrene-d10	17.615

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050720.D
Acq On : 25 Oct 2021 21:30
Operator : CG/JU
Sample : M4290-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

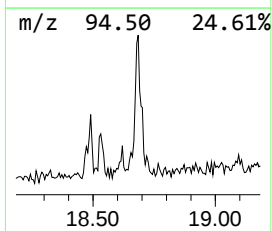
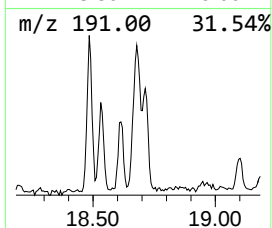
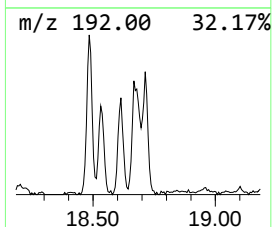
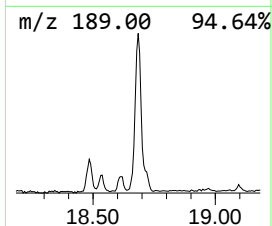
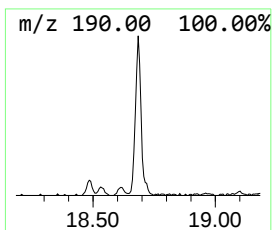
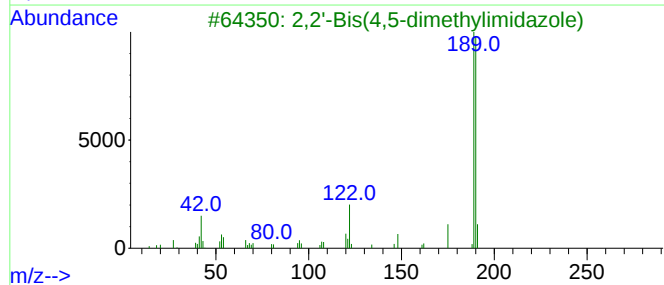
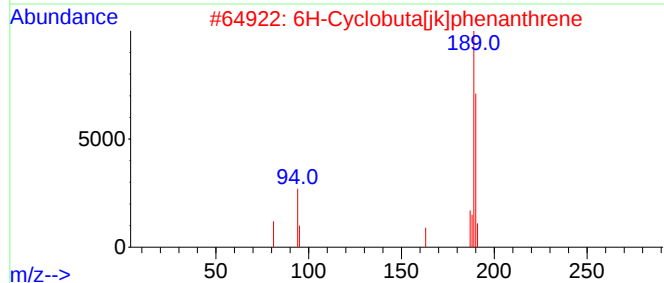
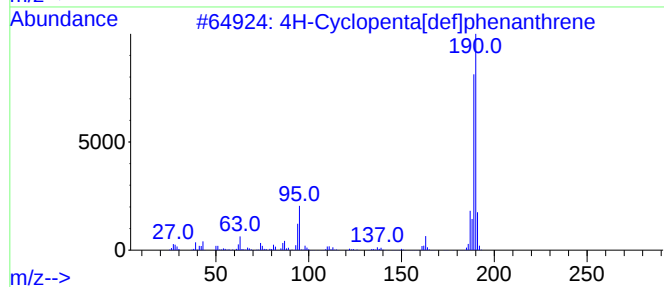
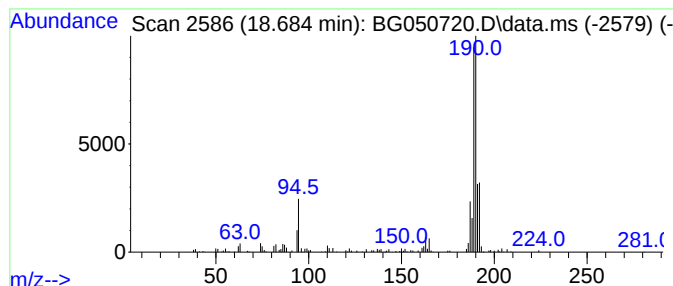
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.684	6.97 ng	205913	Phenanthrene-d10	17.615	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	1-Aminocyclopentanecarboxylic ac...	333	C16H28ClNO4	1000329-16-8	27
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050720.D
Acq On : 25 Oct 2021 21:30
Operator : CG/JU
Sample : M4290-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

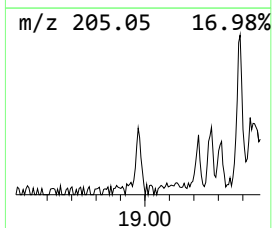
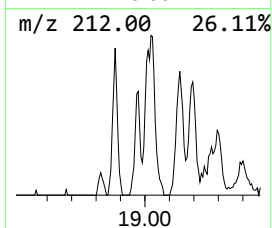
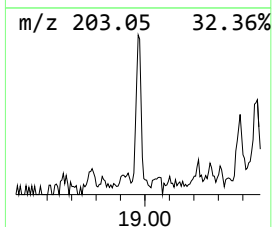
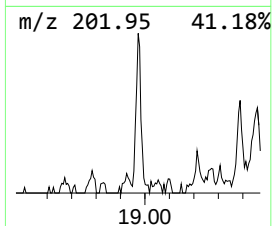
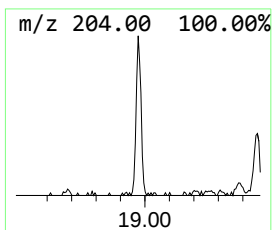
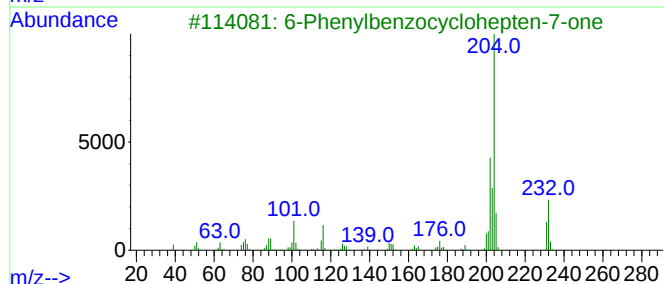
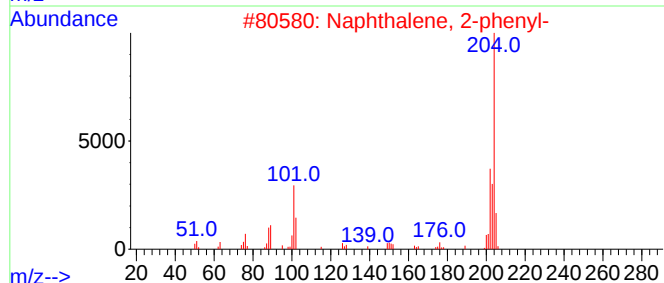
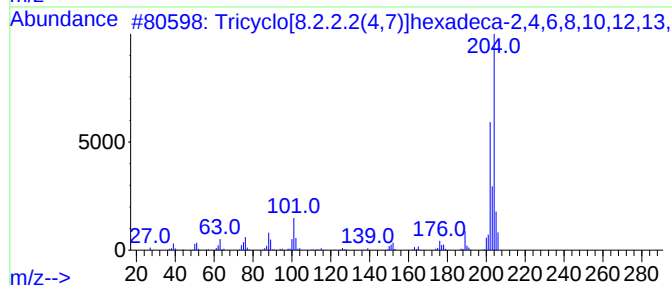
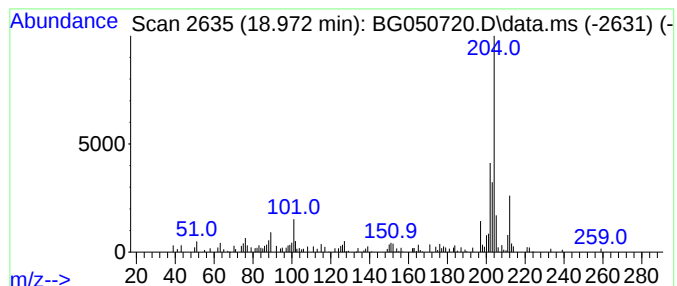
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.972	2.44 ng	72176	Phenanthrene-d10	17.615

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	78
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
3			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
4			5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050720.D
Acq On : 25 Oct 2021 21:30
Operator : CG/JU
Sample : M4290-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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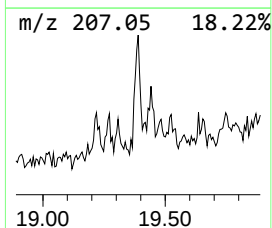
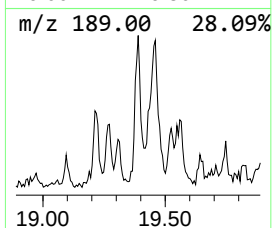
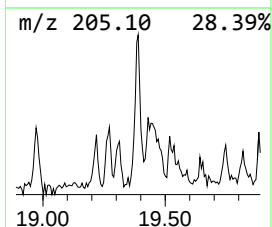
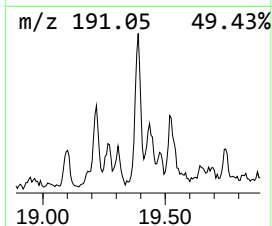
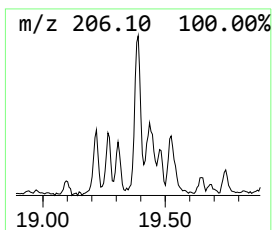
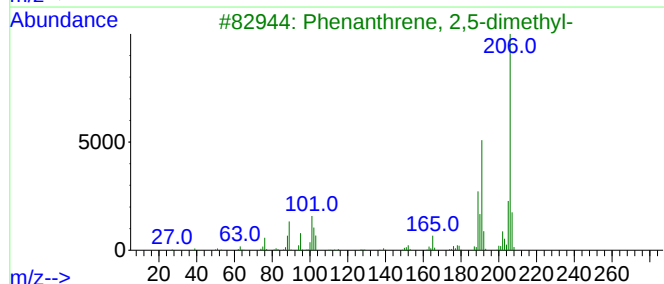
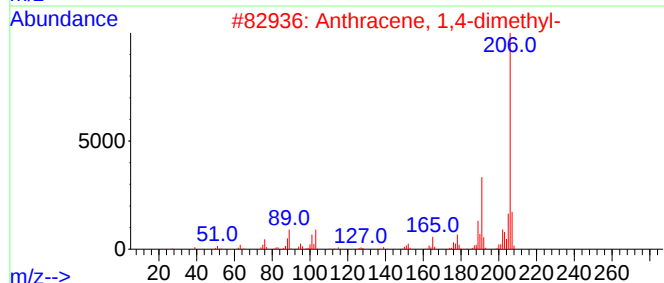
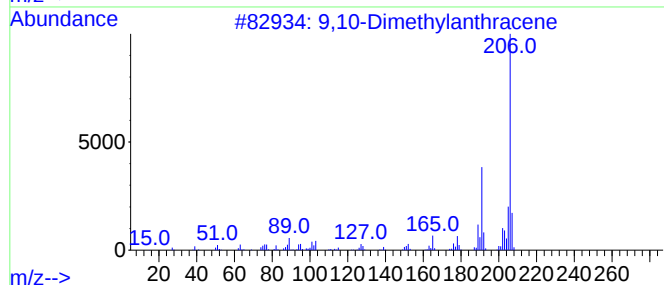
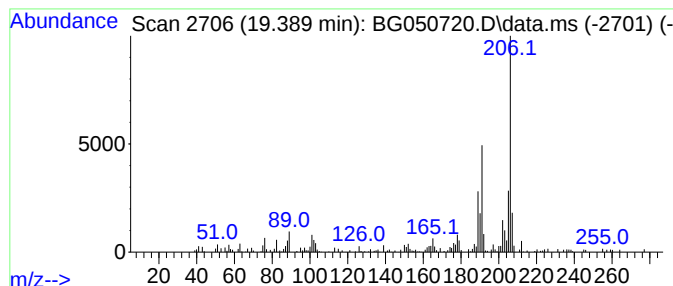
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Dimethylantracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.389	4.33 ng	127718	Phenanthrene-d10	17.615

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050720.D
Acq On : 25 Oct 2021 21:30
Operator : CG/JU
Sample : M4290-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.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
Ethanol, 2-(2-b...	10.817	9.3	ng	173266	2	11.075	370611	20.0
9H-Fluorene, 1-...	16.910	2.8	ng	83029	4	17.615	590513	20.0
Dibenzothiophene	17.433	2.2	ng	65146	4	17.615	590513	20.0
4-Methylnaphtho...	18.191	2.3	ng	68877	4	17.615	590513	20.0
Phenanthrene, 1...	18.484	4.2	ng	124837	4	17.615	590513	20.0
4H-Cyclopenta[d...	18.684	7.0	ng	205913	4	17.615	590513	20.0
Tricyclo[8.2.2....	18.972	2.4	ng	72176	4	17.615	590513	20.0
9,10-Dimethylan...	19.389	4.3	ng	127718	4	17.615	590513	20.0