

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
 Data File : BG056686.D
 Acq On : 21 Feb 2023 16:09
 Operator : CG/JU
 Sample : 01552-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-05-0-2.0

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-BG021523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056686.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.996	71	78	92	rBV	30819	55947	4.90%	0.391%
2	5.465	320	328	339	rVB	151111	248240	21.74%	1.737%
3	5.941	402	409	419	rBV	375853	622687	54.53%	4.357%
4	7.556	675	684	696	rVB	389565	679509	59.50%	4.754%
5	8.432	827	833	843	rBV	92937	156304	13.69%	1.094%
6	9.607	1025	1033	1043	rBV	233005	416798	36.50%	2.916%
7	11.270	1308	1316	1322	rBV	117478	207375	18.16%	1.451%
8	13.561	1701	1706	1711	rVB	10083	15486	1.36%	0.108%
9	13.667	1715	1724	1730	rVB	583339	910908	79.77%	6.373%
10	13.837	1748	1753	1757	rBV2	22632	34355	3.01%	0.240%
11	14.354	1836	1841	1847	rBV3	9937	15919	1.39%	0.111%
12	14.466	1855	1860	1861	rBV	8996	12142	1.06%	0.085%
13	14.489	1861	1864	1868	rVB4	9715	12195	1.07%	0.085%
14	14.766	1906	1911	1920	rBV3	11212	23554	2.06%	0.165%
15	14.895	1929	1933	1937	rVB2	14789	19664	1.72%	0.138%
16	15.036	1946	1957	1963	rVV2	174311	275439	24.12%	1.927%
17	15.100	1963	1968	1973	rVB2	23900	38330	3.36%	0.268%
18	15.424	2014	2023	2030	rVB3	13181	27188	2.38%	0.190%
19	15.635	2054	2059	2064	rBV5	7585	12726	1.11%	0.089%
20	15.835	2090	2093	2097	rVB3	13357	17366	1.52%	0.122%
21	16.070	2127	2133	2141	rBV2	27877	48717	4.27%	0.341%
22	16.234	2158	2161	2165	rVB5	8937	12958	1.13%	0.091%
23	16.370	2178	2184	2189	rVB2	37341	64765	5.67%	0.453%
24	16.511	2201	2208	2216	rVB	432628	665964	58.32%	4.659%
25	16.699	2235	2240	2241	rBV	13425	16073	1.41%	0.112%
26	16.722	2241	2244	2252	rVB7	14289	29390	2.57%	0.206%
27	17.069	2302	2303	2307	rVV4	14558	14050	1.23%	0.098%
28	17.122	2308	2312	2316	rVB4	10869	17452	1.53%	0.122%
29	17.216	2325	2328	2333	rVB4	10169	16687	1.46%	0.117%
30	17.292	2333	2341	2344	rBV9	10537	27447	2.40%	0.192%
31	17.333	2345	2348	2357	rVB6	9407	17318	1.52%	0.121%
32	17.421	2357	2363	2369	rVB	19886	32752	2.87%	0.229%
33	17.486	2370	2374	2378	rBV4	17928	27928	2.45%	0.195%
34	17.592	2387	2392	2399	rBV3	20005	33306	2.92%	0.233%
35	17.774	2416	2423	2426	rBV	202212	320684	28.08%	2.244%
36	17.815	2426	2430	2437	rVV	358894	536071	46.94%	3.751%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	17.903	2437	2445	2450	rVV	74124	127672	11.18%	0.893%
38	17.956	2452	2454	2458	rVB3	14456	20416	1.79%	0.143%
39	18.162	2484	2489	2495	rBV2	29809	54499	4.77%	0.381%
40	18.226	2496	2500	2506	rVB8	12810	21273	1.86%	0.149%
41	18.285	2506	2510	2512	rBV2	11546	15631	1.37%	0.109%
42	18.350	2517	2521	2525	rBV	20994	30510	2.67%	0.213%
43	18.491	2541	2545	2552	rVB5	12030	22997	2.01%	0.161%
44	18.555	2552	2556	2560	rBV5	21706	32780	2.87%	0.229%
45	18.614	2562	2566	2568	rVV	105000	146788	12.85%	1.027%
46	18.637	2568	2570	2574	rVV	87473	115582	10.12%	0.809%
47	18.684	2574	2578	2584	rVB	100331	152788	13.38%	1.069%
48	18.767	2586	2592	2596	rBV	41574	60402	5.29%	0.423%
49	18.831	2596	2603	2607	rBV2	105282	230690	20.20%	1.614%
50	18.867	2607	2609	2613	rVB	59315	62284	5.45%	0.436%
51	19.119	2647	2652	2656	rBV	58438	87364	7.65%	0.611%
52	19.166	2656	2660	2669	rVB2	46414	80124	7.02%	0.561%
53	19.249	2670	2674	2679	rBV3	14580	24110	2.11%	0.169%
54	19.360	2690	2693	2698	rVB2	30597	43041	3.77%	0.301%
55	19.413	2698	2702	2705	rBV2	25111	33621	2.94%	0.235%
56	19.448	2705	2708	2713	rVB3	23305	34118	2.99%	0.239%
57	19.531	2717	2722	2728	rBV	80211	143730	12.59%	1.006%
58	19.595	2728	2733	2737	rBV5	23503	48582	4.25%	0.340%
59	19.677	2742	2747	2751	rBV3	48423	96985	8.49%	0.679%
60	19.801	2761	2768	2773	rBV	672913	938455	82.18%	6.566%
61	19.860	2774	2778	2781	rBV4	28549	44819	3.92%	0.314%
62	20.124	2818	2823	2825	rBV2	98072	157179	13.76%	1.100%
63	20.159	2825	2829	2836	rVV	624327	903521	79.12%	6.321%
64	20.224	2836	2840	2845	rVB2	46135	59238	5.19%	0.414%
65	20.341	2854	2860	2864	rVB	852026	1141971	100.00%	7.990%
66	20.477	2876	2883	2889	rBV3	64218	161843	14.17%	1.132%
67	20.641	2908	2911	2916	rVB	110073	138409	12.12%	0.968%
68	20.741	2924	2928	2931	rVB	55365	67392	5.90%	0.472%
69	20.800	2935	2938	2942	rVB	68479	87065	7.62%	0.609%
70	20.947	2959	2963	2966	rBV	62871	89713	7.86%	0.628%
71	20.994	2968	2971	2978	rVB	60618	100037	8.76%	0.700%
72	21.434	3043	3046	3054	rVB2	64983	104457	9.15%	0.731%
73	21.793	3103	3107	3114	rVB2	58977	110779	9.70%	0.775%
74	21.934	3127	3131	3138	rVB	111574	165185	14.46%	1.156%
75	22.075	3148	3155	3162	rBV2	335164	898002	78.64%	6.283%
76	22.139	3162	3166	3174	rVB	265586	475339	41.62%	3.326%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.507	3562	3569	3578	rBV2	157903	544663	47.69%	3.811%
78	25.312	3701	3706	3717	rVB	99115	277020	24.26%	1.938%
79	25.471	3727	3733	3748	rVB	144731	458059	40.11%	3.205%

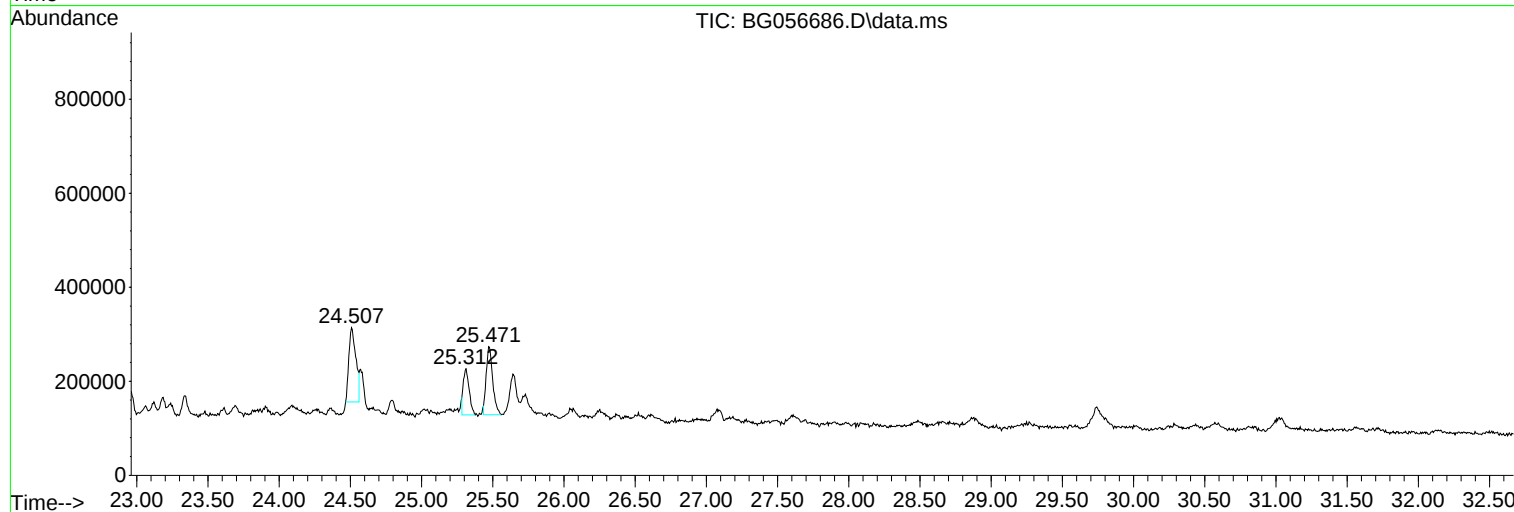
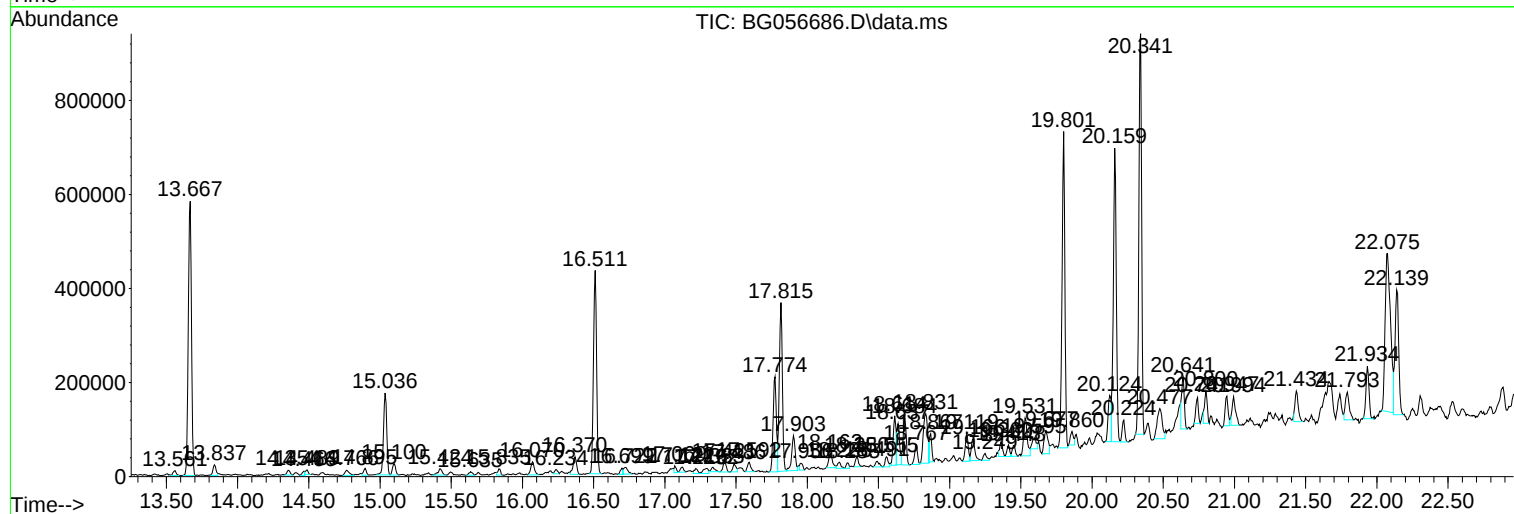
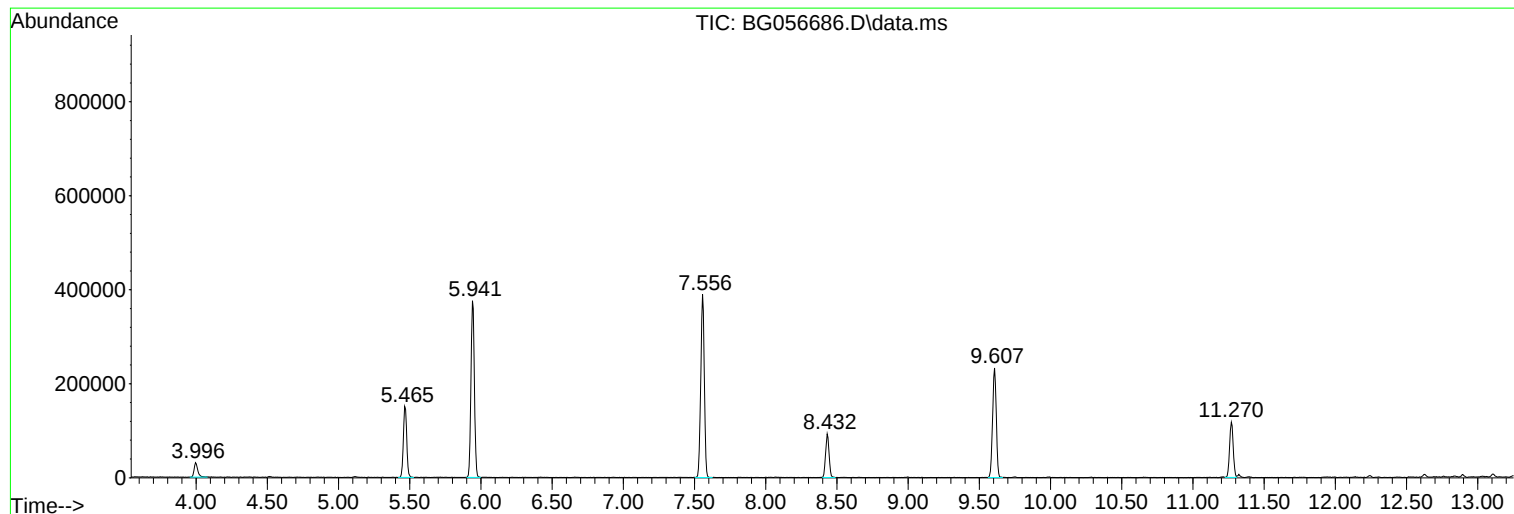
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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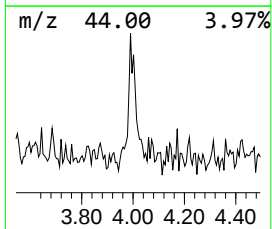
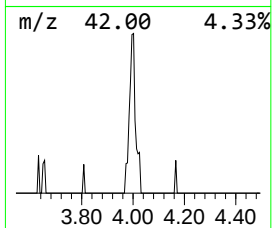
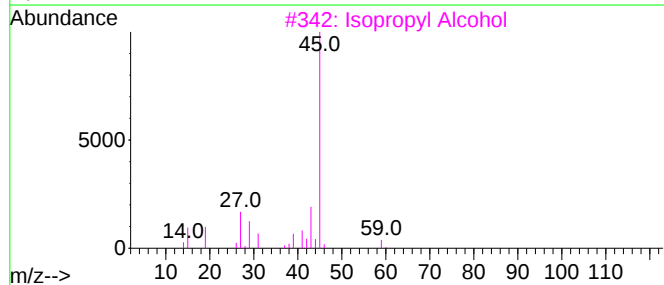
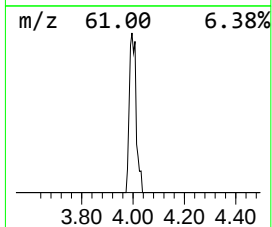
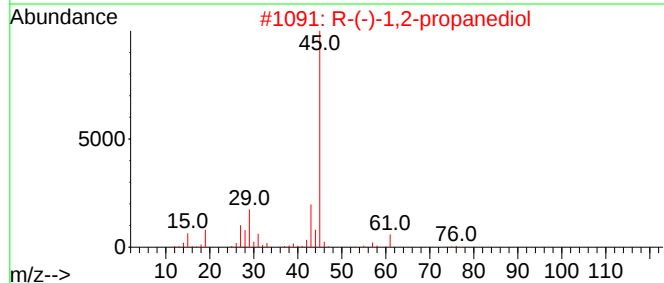
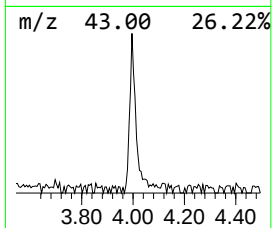
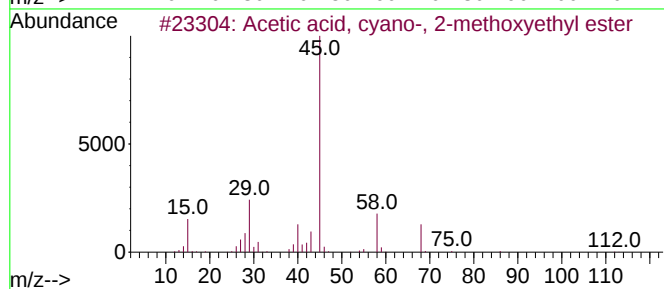
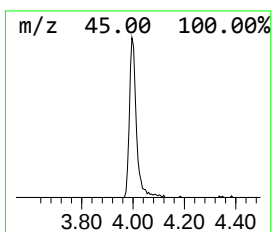
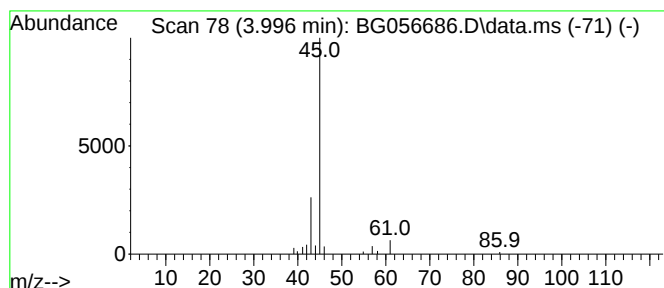
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.996 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.996	7.16 ng	55947	1,4-Dichlorobenzene-d4	8.438

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, cyano-, 2-methoxyet...	143	C6H9NO3	010258-54-5	9
2			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4			Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
5			Propylene Glycol	76	C3H8O2	000057-55-6	9



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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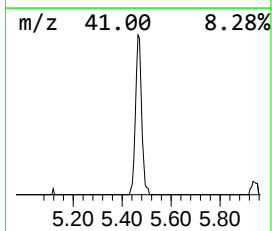
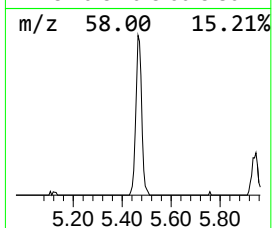
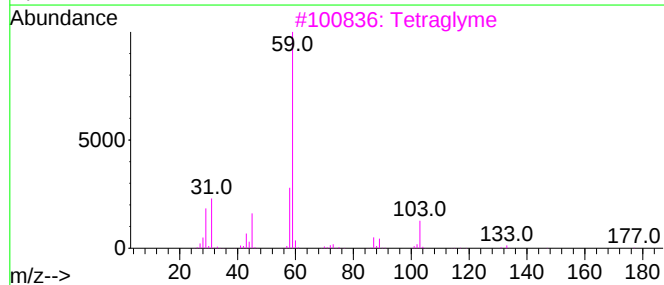
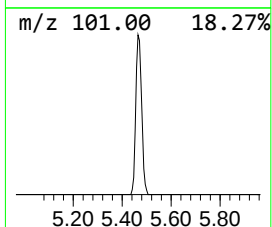
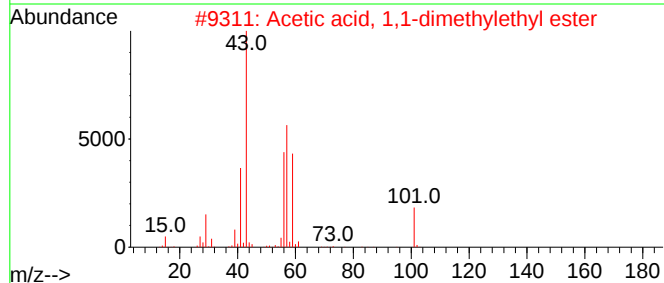
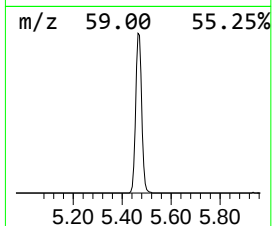
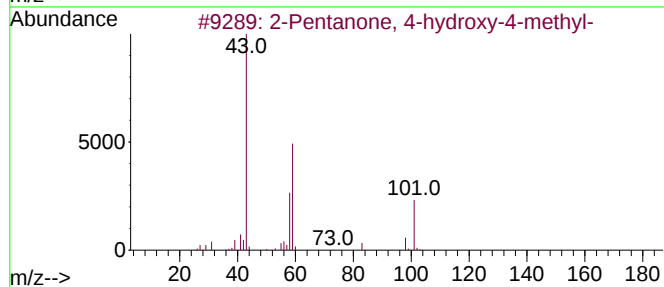
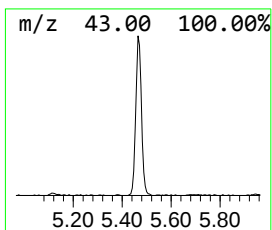
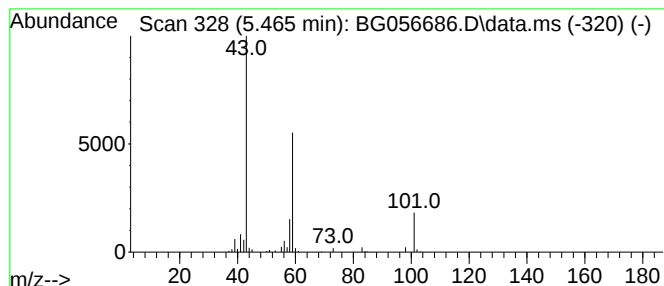
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.465	31.76 ng	248240	1,4-Dichlorobenzene-d4	8.438

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	38
3		Tetraglyme	222	C10H22O5	000143-24-8	28
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12



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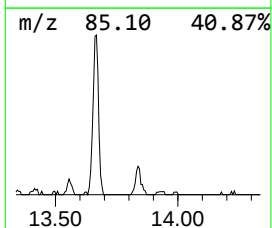
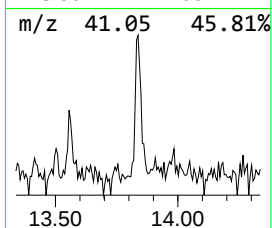
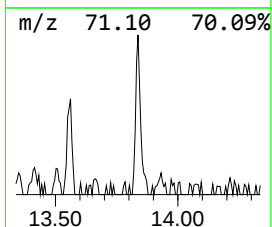
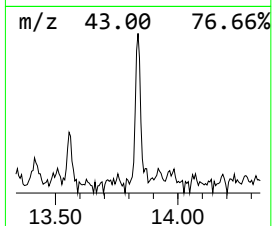
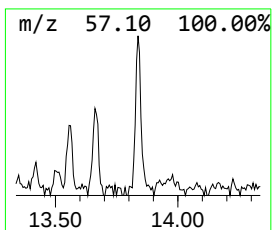
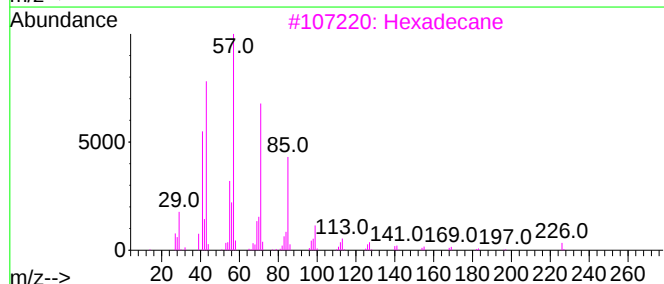
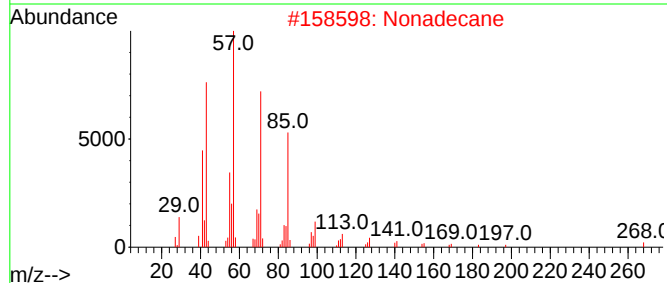
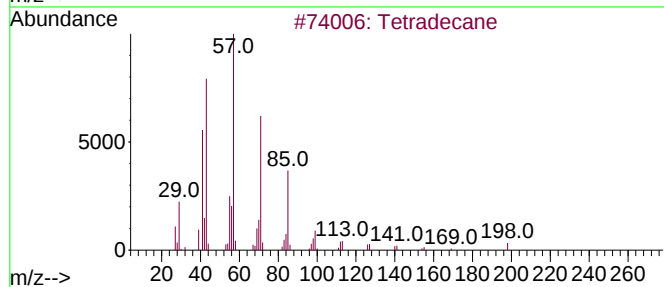
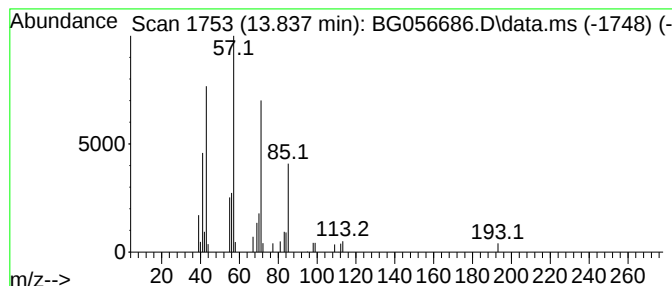
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.837	2.49 ng	34355	Acenaphthene-d10	15.036

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	78
2			Nonadecane	268	C19H40	000629-92-5	72
3			Hexadecane	226	C16H34	000544-76-3	64
4			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
5			Decane, 3-methyl-	156	C11H24	013151-34-3	59



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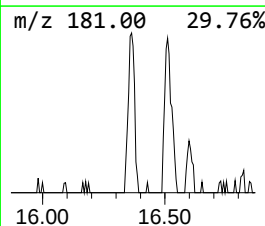
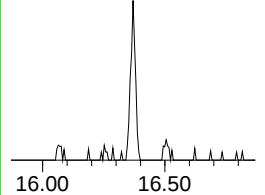
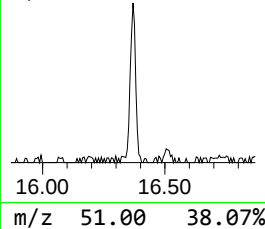
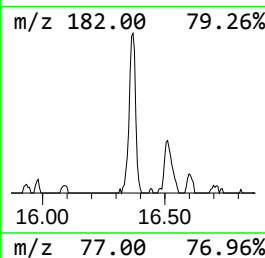
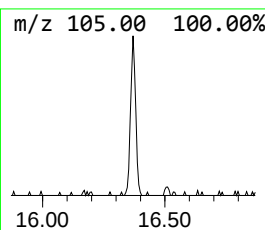
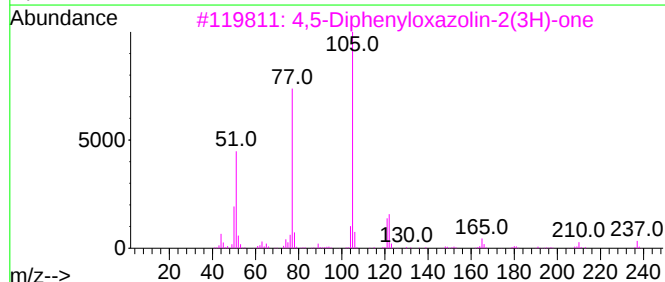
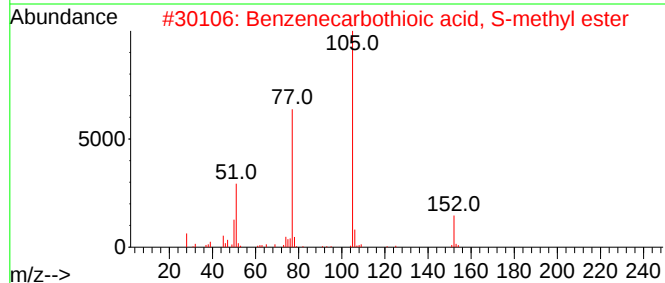
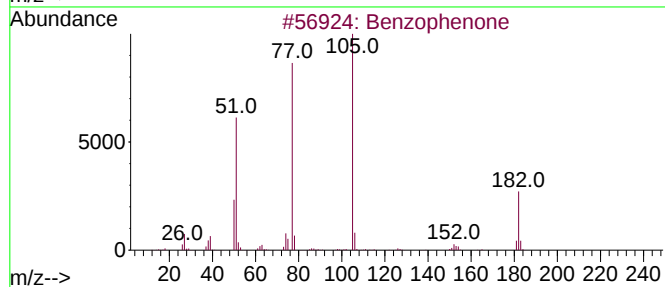
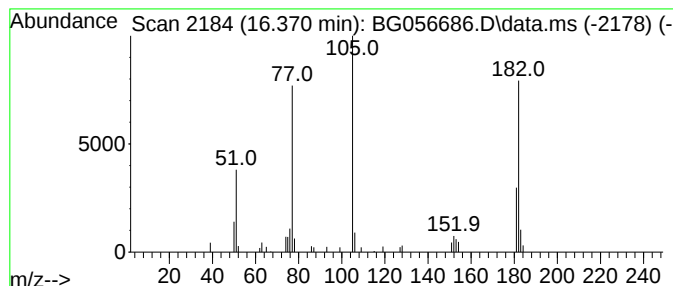
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.370	4.70 ng	64765	Acenaphthene-d10	15.036

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	93
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
3			4,5-Diphenyloxazolin-2(3H)-one	237	C15H11NO2	005014-83-5	43
4			1,2-Propanedione, 1-phenyl-, 2-o...	163	C9H9NO2	000119-51-7	43
5			1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

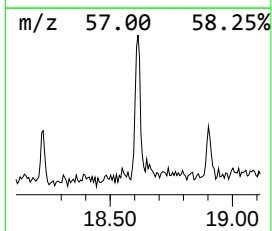
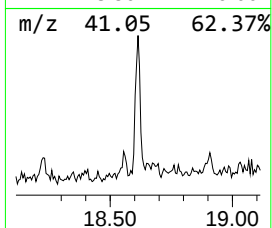
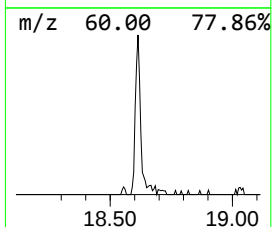
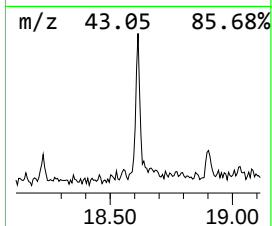
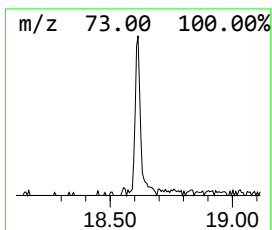
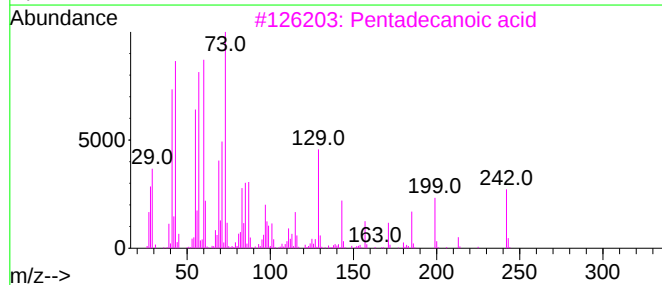
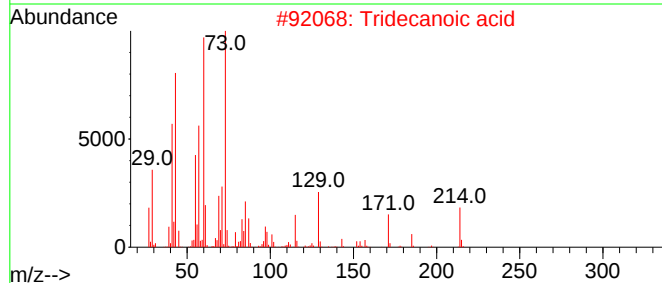
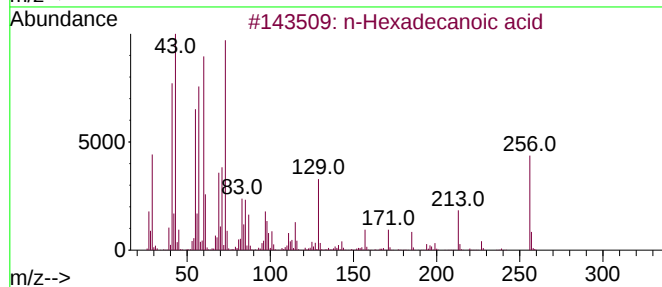
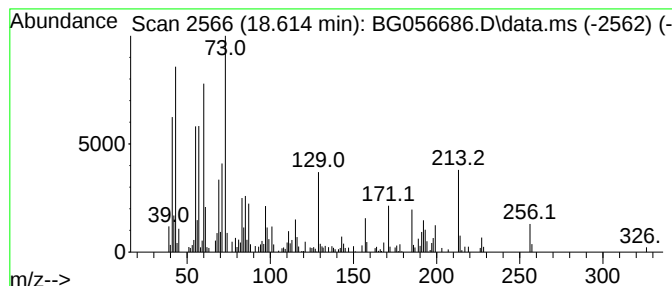
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.614	9.15 ng	146788	Phenanthrene-d10	17.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5			n-Decanoic acid	172	C10H20O2	000334-48-5	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
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Instrument :
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ClientSampleId :
SB-05-0-2.0

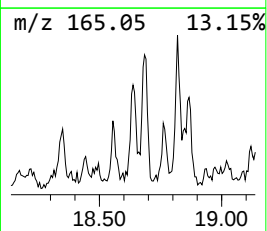
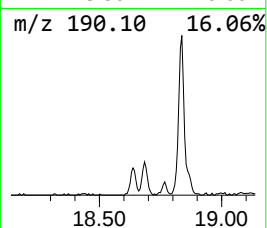
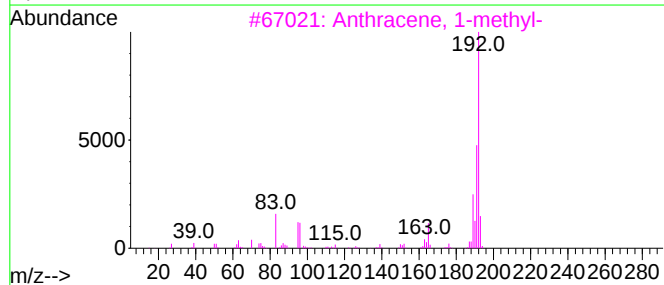
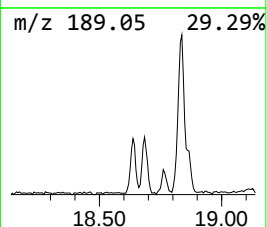
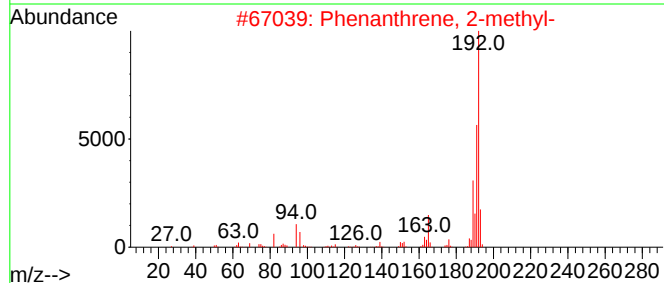
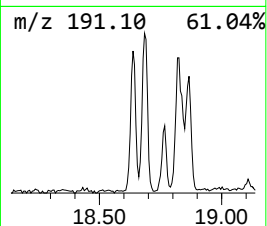
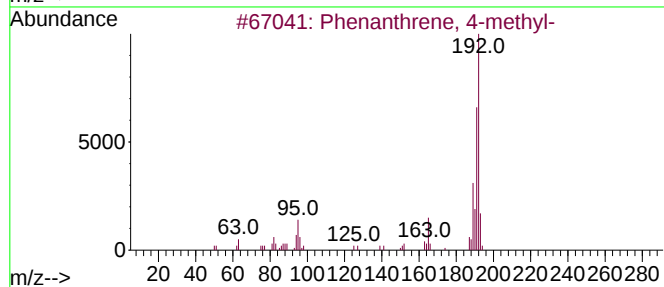
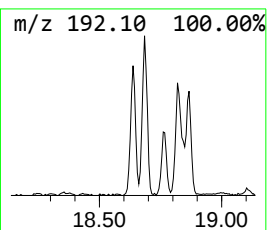
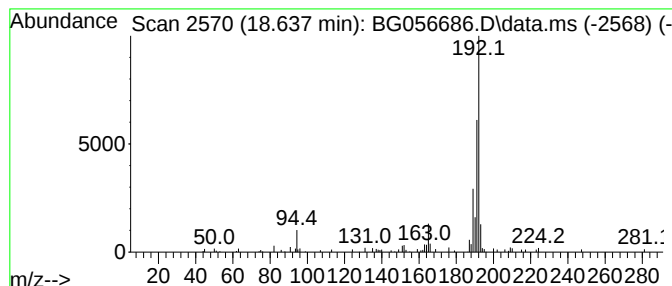
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.637	7.21 ng	115582	Phenanthrene-d10	17.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

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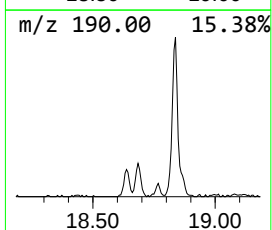
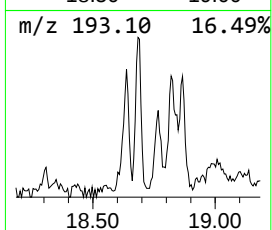
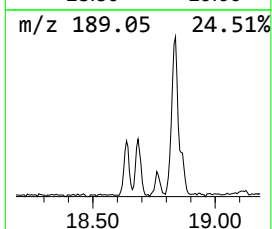
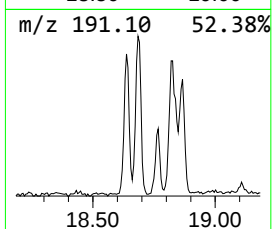
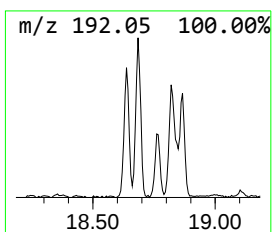
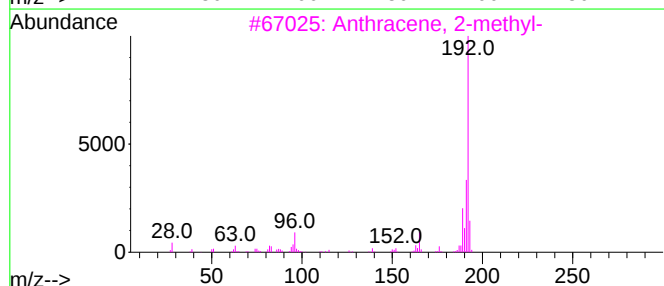
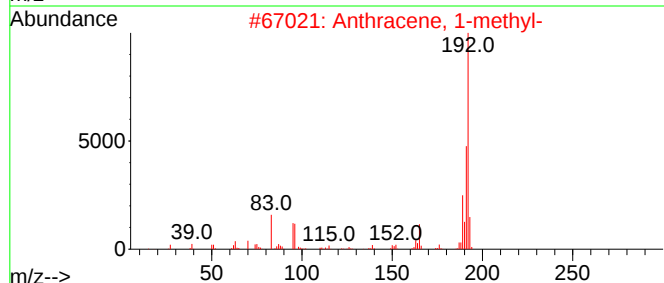
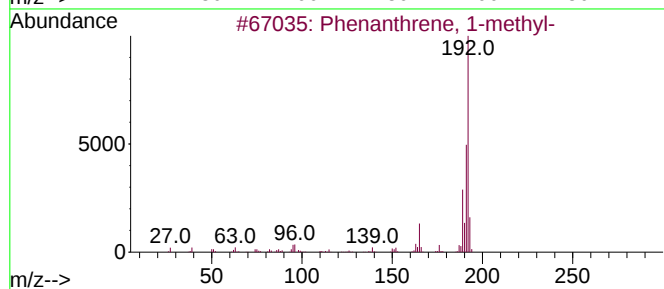
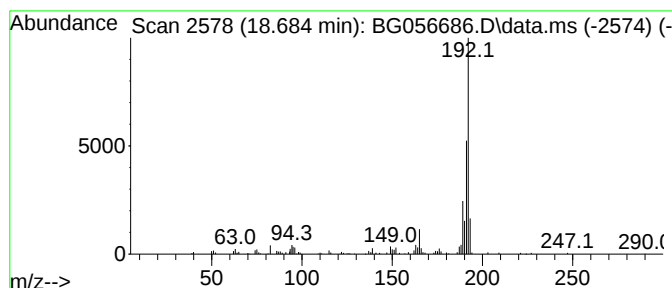
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.685	9.53 ng	152788	Phenanthrene-d10	17.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	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\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

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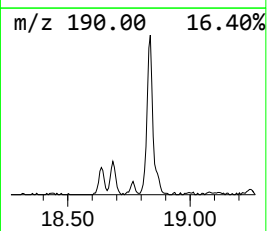
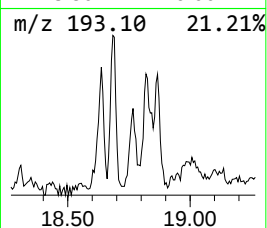
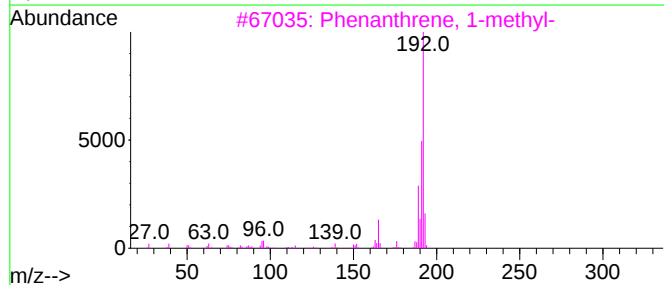
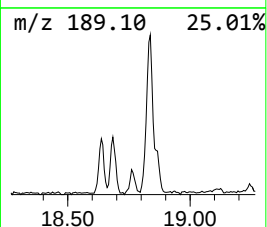
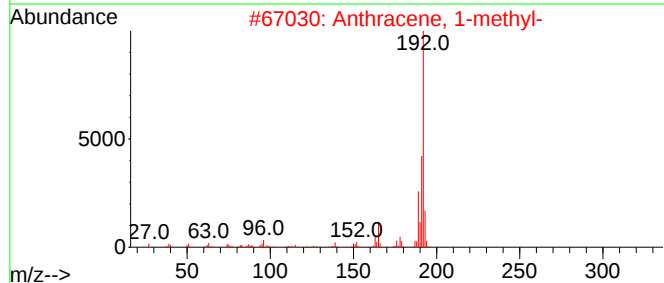
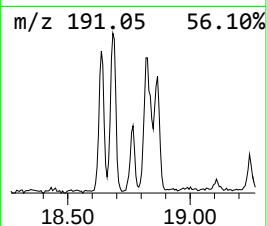
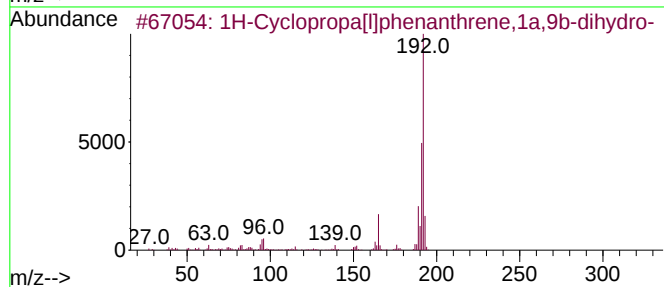
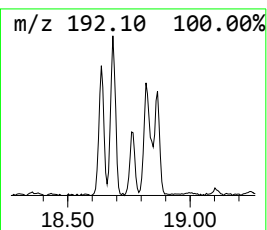
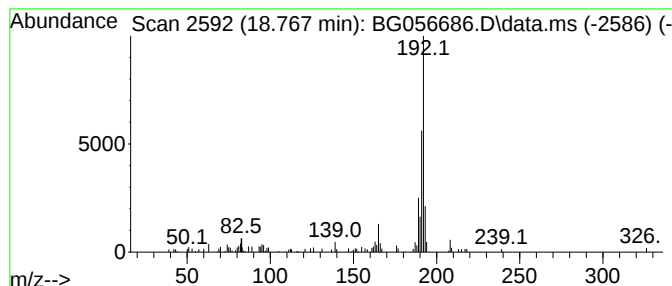
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.767	3.77 ng	60402	Phenanthrene-d10	17.774

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

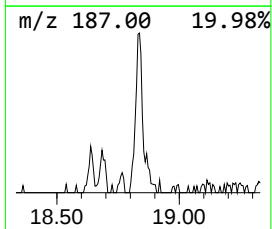
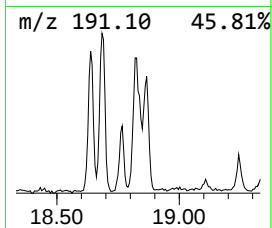
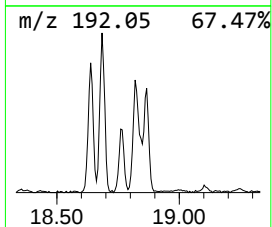
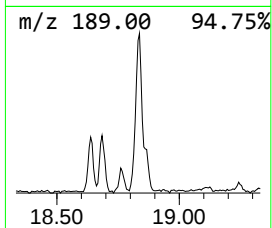
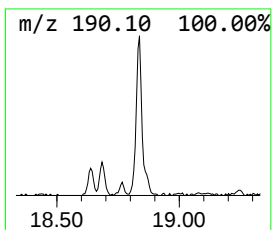
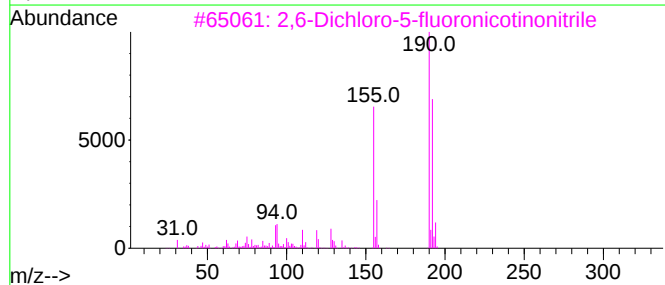
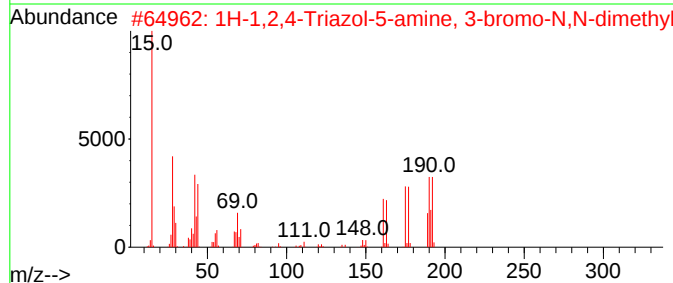
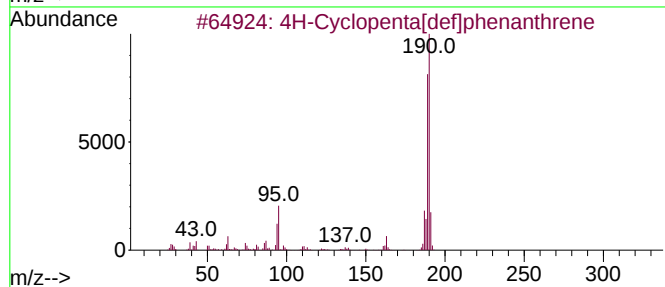
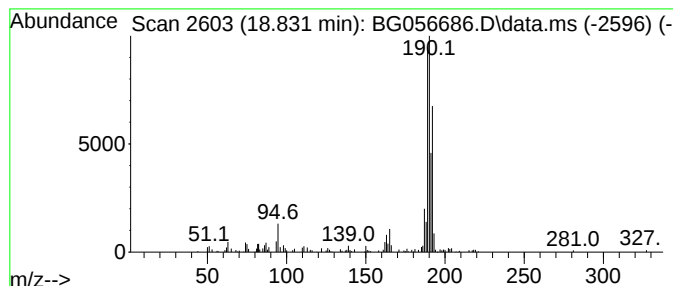
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.831	14.39 ng	230690	Phenanthrene-d10	17.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	47
3			2,6-Dichloro-5-fluoronicotinonit...	190	C6HCl2FN2	082671-02-1	38
4			1-Alanine, n-pentafluoropropiony...	389	C17H28F5NO3	1000323-37-8	27
5			1-(9-Phenanthrenyl)-2-propanol	236	C17H16O	1000326-09-0	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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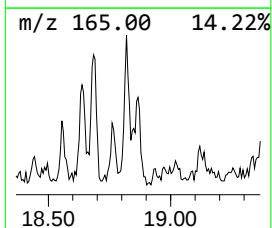
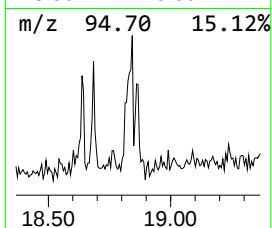
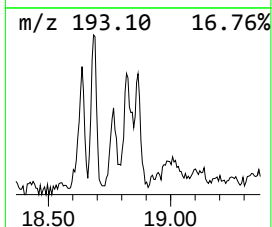
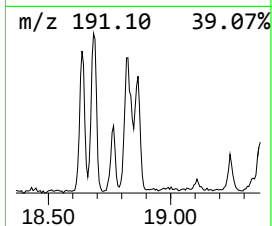
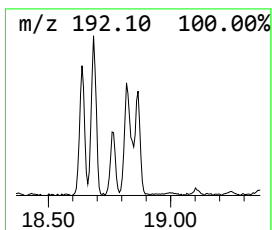
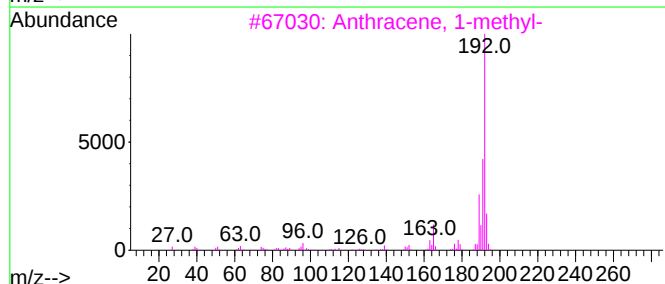
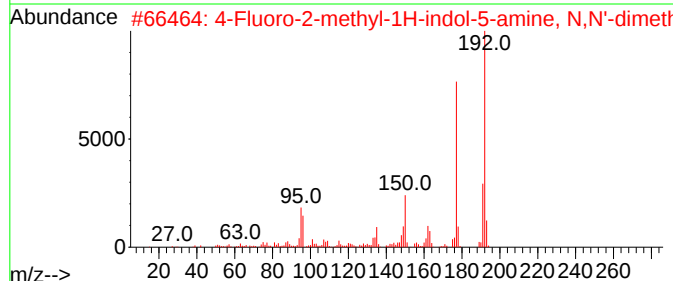
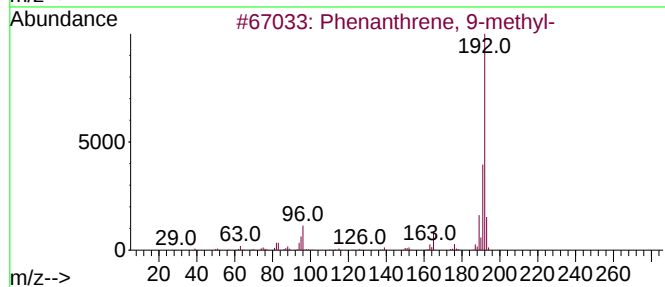
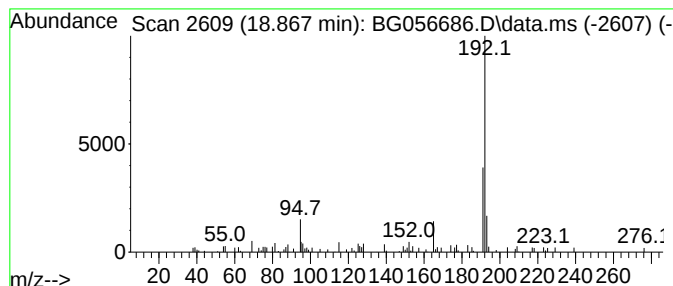
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.867	3.88 ng	62284	Phenanthrene-d10	17.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	80
2			4-Fluoro-2-methyl-1H-indol-5-ami...	192	C11H13FN2	1000508-42-9	80
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	72
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

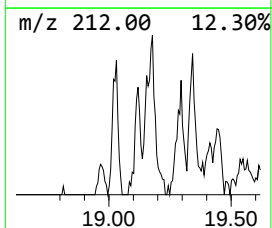
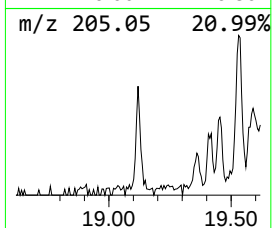
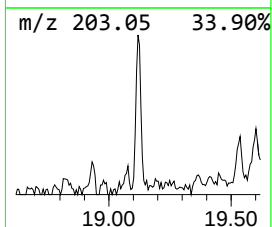
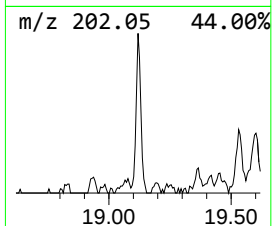
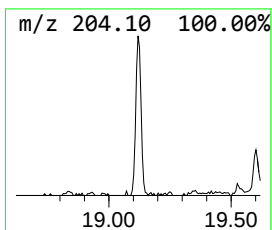
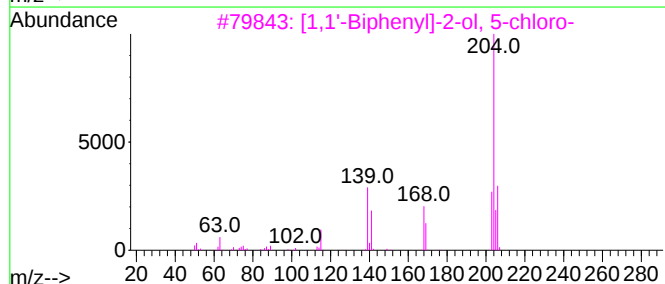
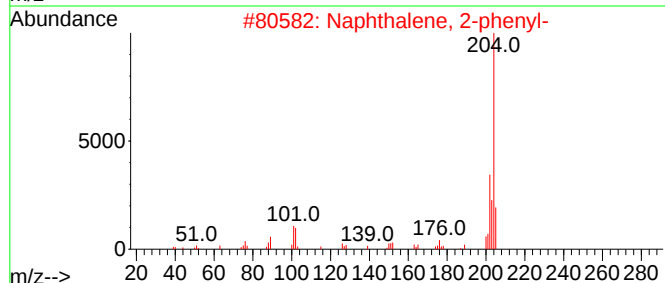
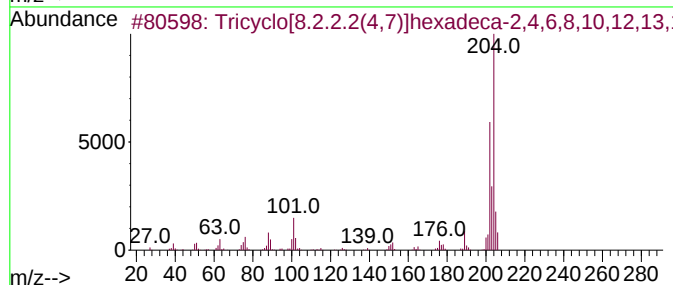
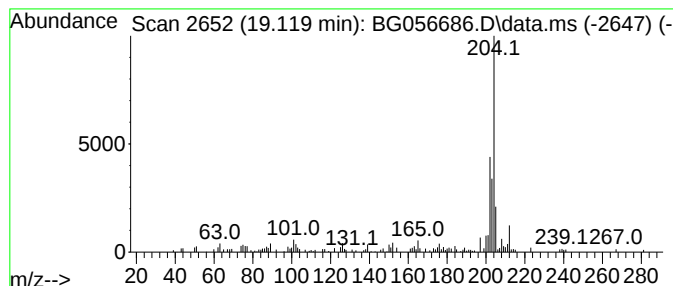
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.119	5.45 ng	87364	Phenanthrene-d10	17.774	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	52
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
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Operator : CG/JU
Sample : 01552-08
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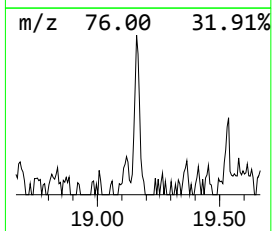
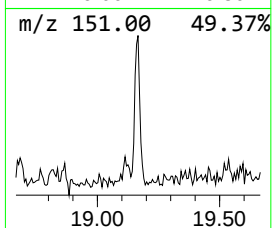
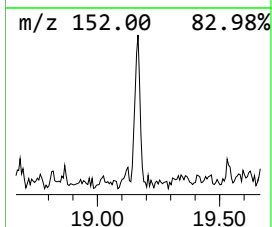
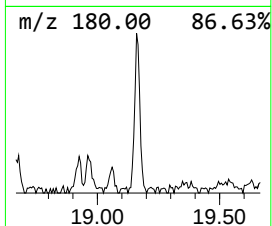
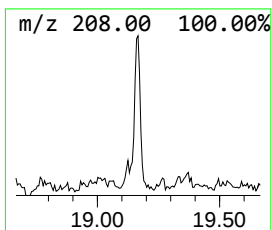
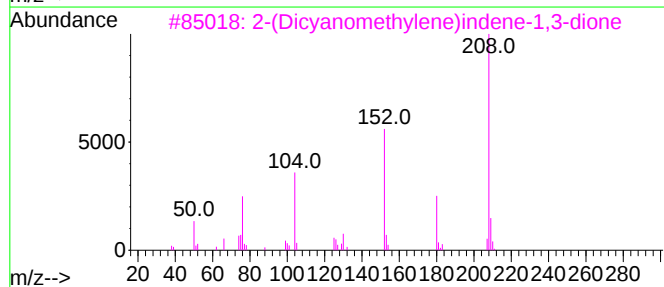
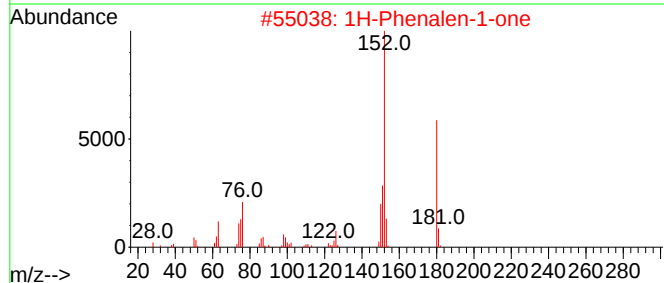
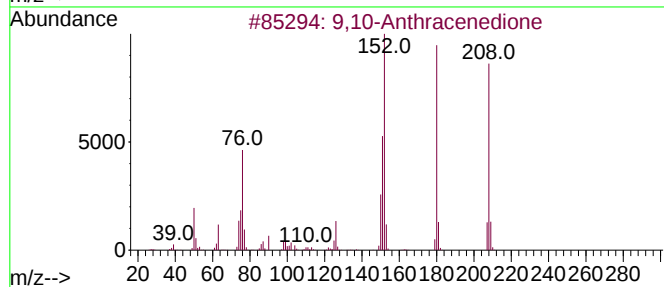
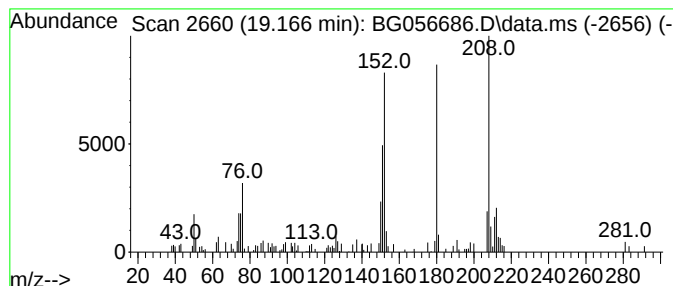
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.166	5.00 ng	80124	Phenanthrene-d10		17.774	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	91
2	1H-Phenalen-1-one		180	C13H8O	000548-39-0	49
3	2-(Dicyanomethylene)indene-1,3-d...		208	C12H4N2O2	016954-74-8	49
4	1,4-Anthracenedione		208	C14H8O2	000635-12-1	49
5	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
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Operator : CG/JU
Sample : 01552-08
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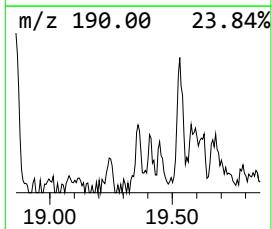
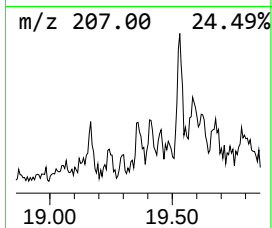
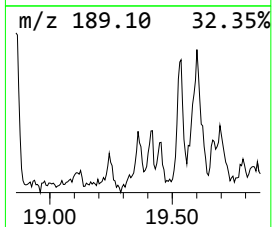
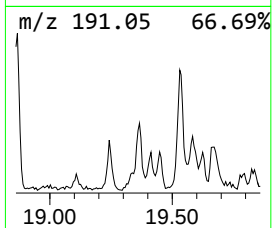
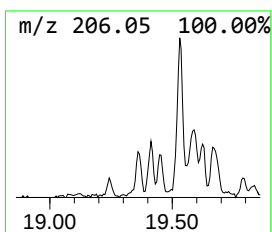
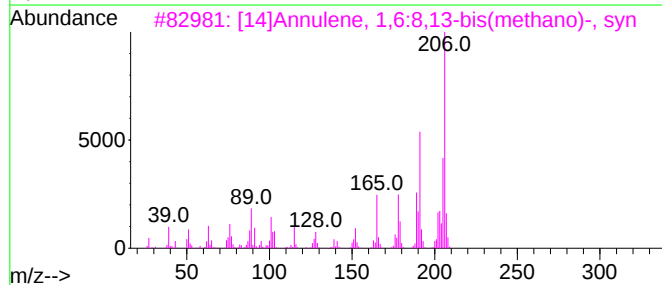
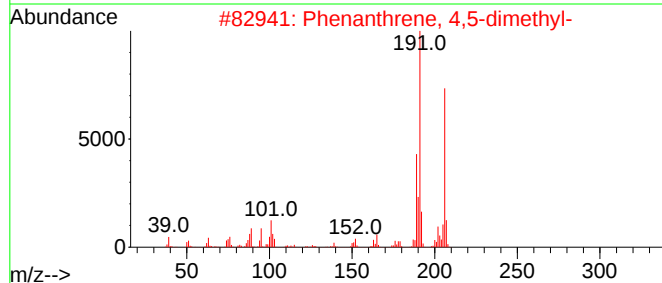
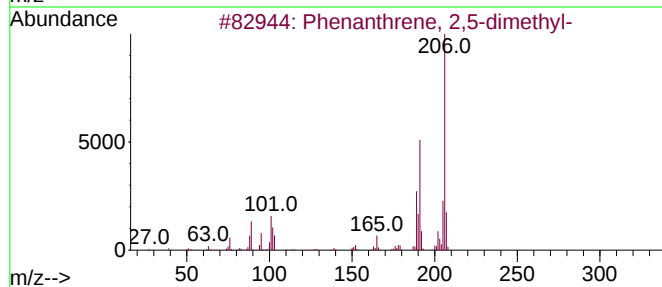
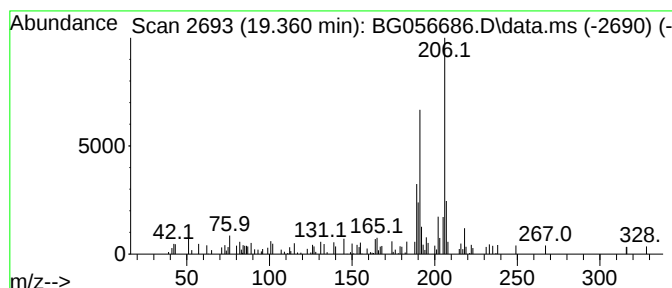
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ClientSampleId :
SB-05-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.360	2.68 ng	43041	Phenanthrene-d10	17.774	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	80
4	[14]Annulene, 1,6:7,12-bis(metha...	206	C16H14	085440-62-6	80
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05-0-2.0

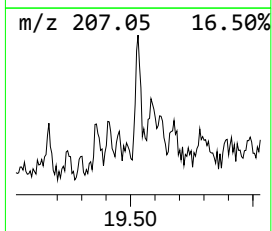
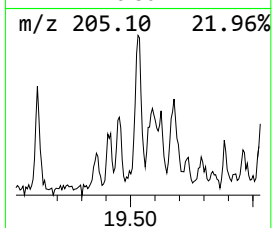
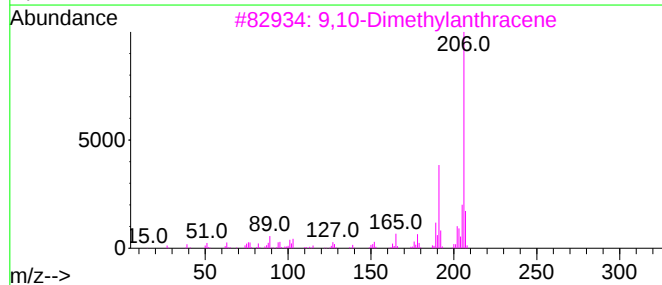
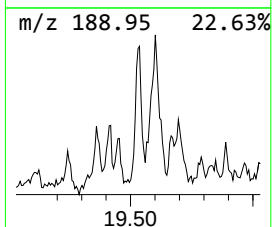
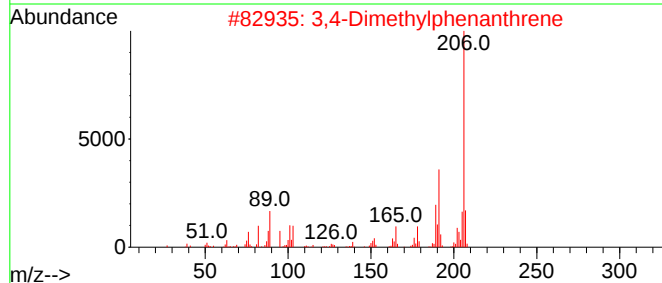
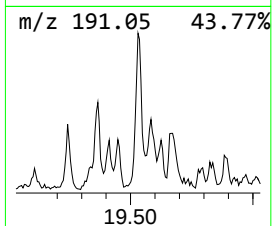
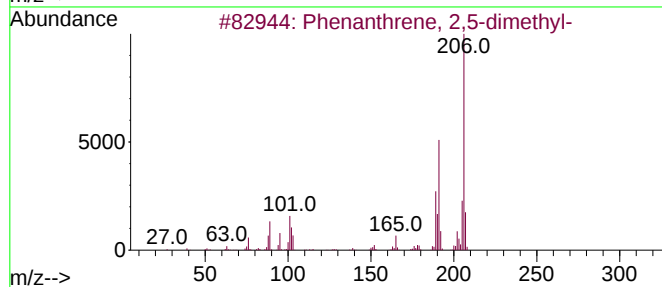
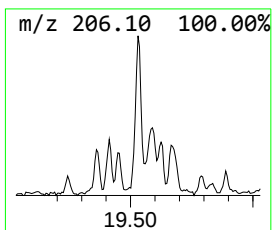
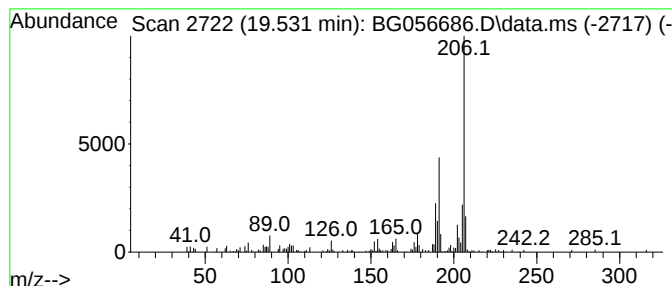
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 3,4-Dimethylphenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.531	8.96 ng	143730	Phenanthrene-d10	17.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	92
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
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Sample : 01552-08
Misc :
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Instrument :
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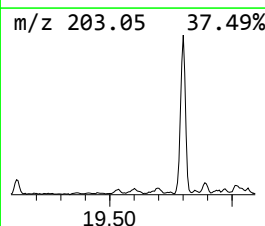
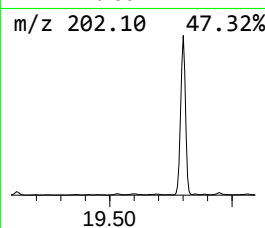
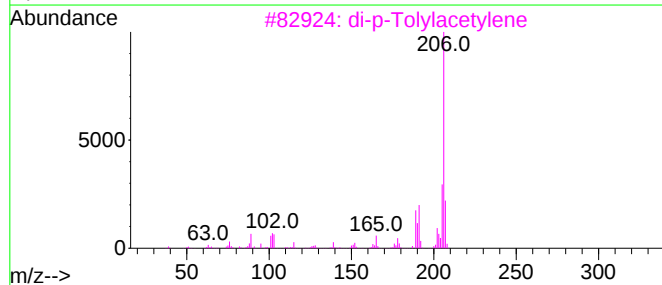
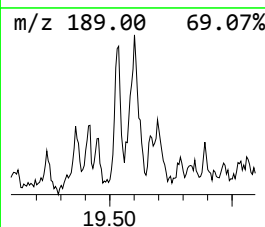
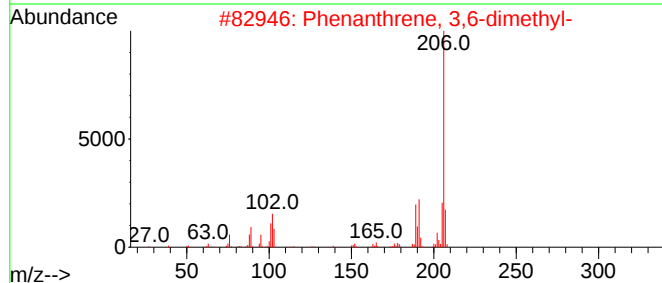
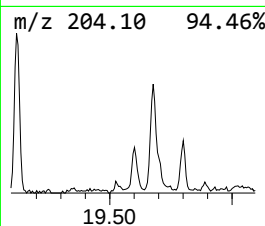
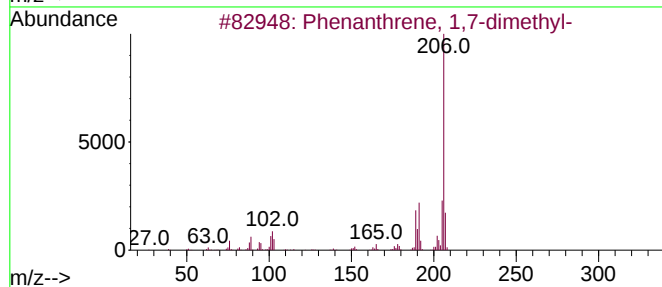
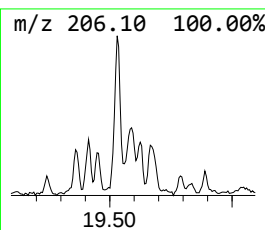
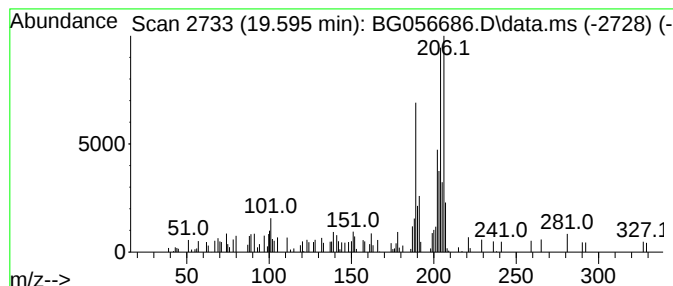
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown19.595 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.595	3.03 ng	48582	Phenanthrene-d10	17.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	41
4			1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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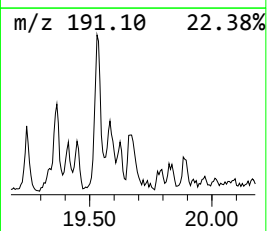
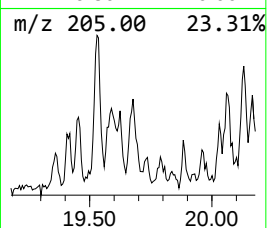
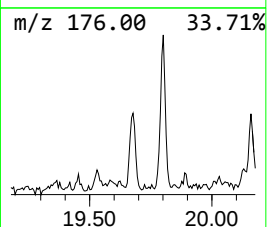
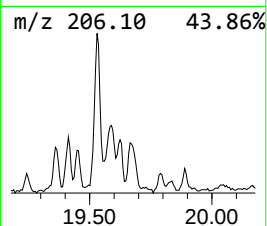
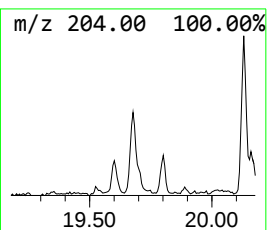
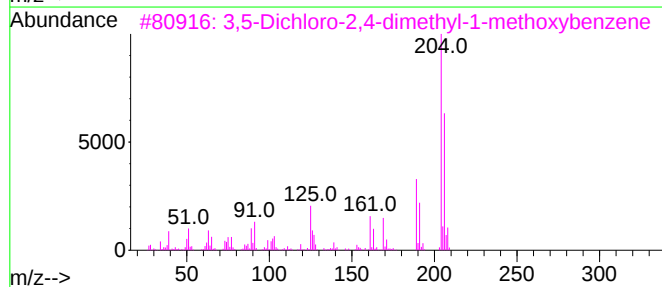
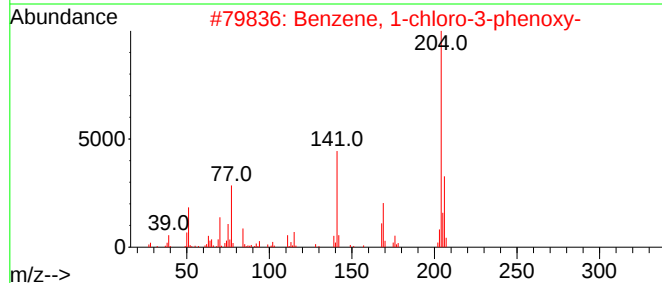
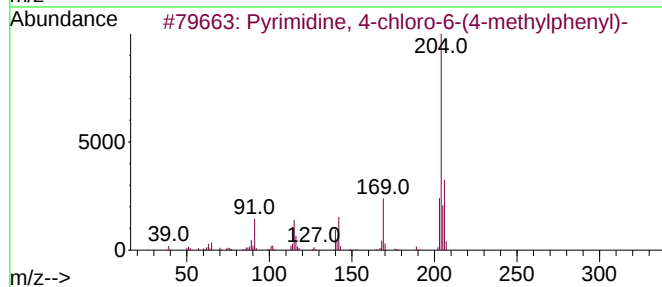
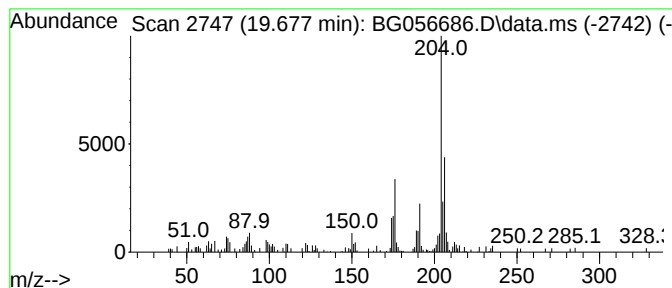
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrimidine, 4-chloro-6-(4-m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.677	6.05 ng	96985	Phenanthrene-d10	17.774

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	53
2		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	53
3		3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1010250-17-8	53
4		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	52
5		1-(2-Acetylphenyl)-5-chloro-1H-p...	247	C13H10ClNO2	1000306-71-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
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ALS Vial : 7 Sample Multiplier: 1

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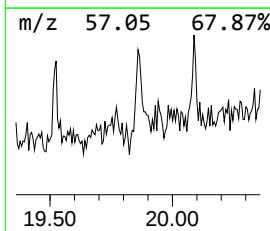
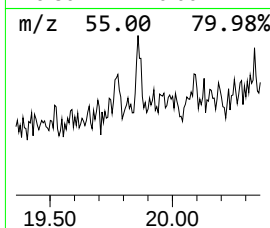
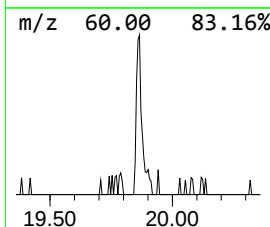
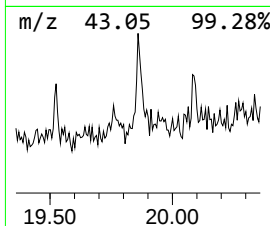
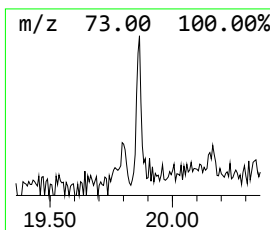
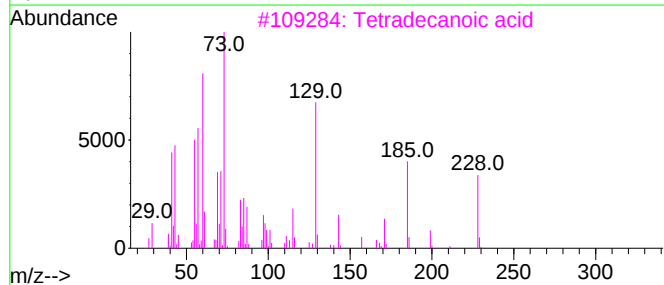
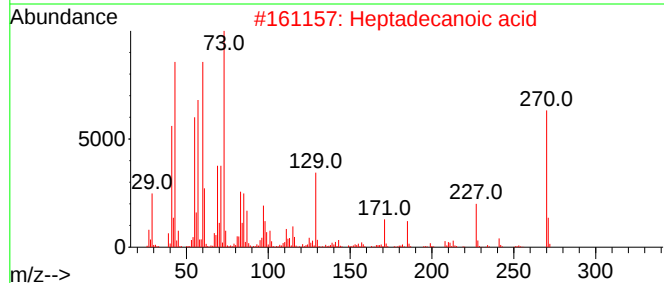
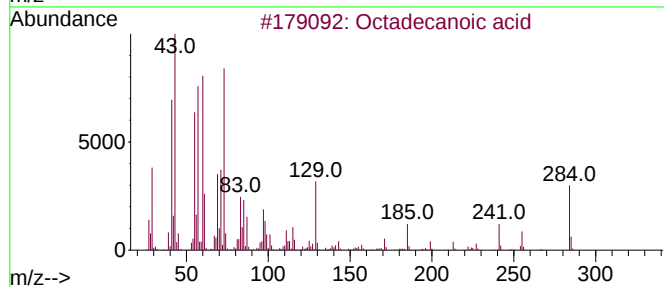
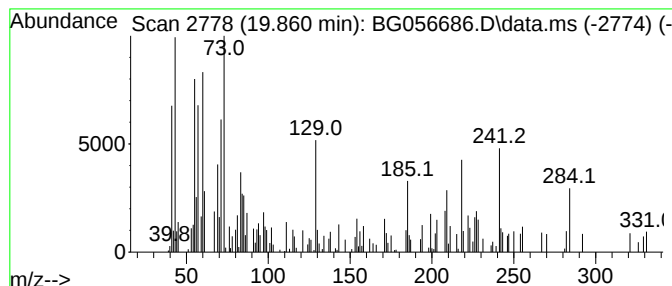
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.860	2.80 ng	44819	Phenanthrene-d10	17.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	94
2			Heptadecanoic acid	270	C17H34O2	000506-12-7	84
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

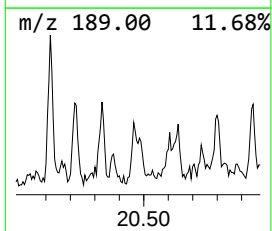
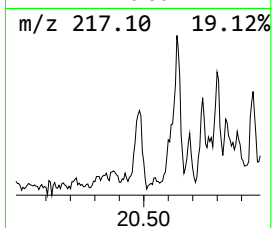
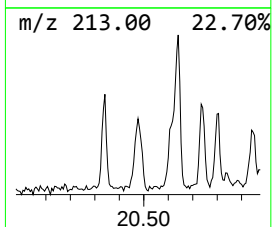
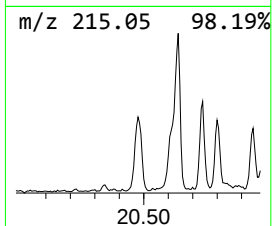
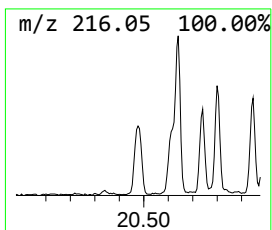
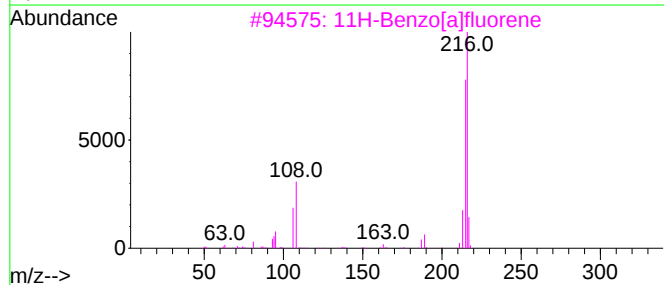
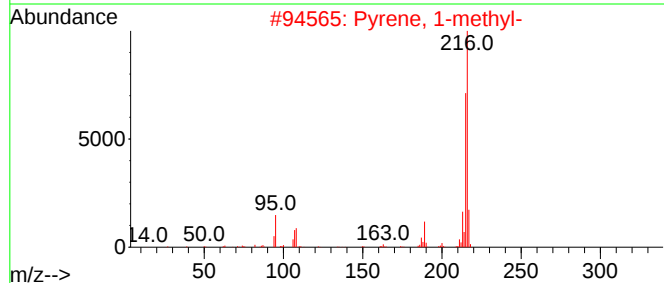
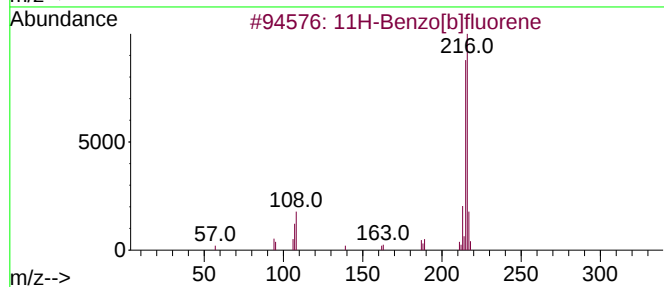
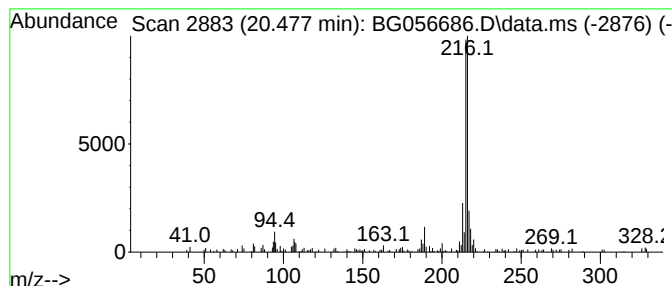
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.477	3.60 ng	161843	Chrysene-d12	22.092	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

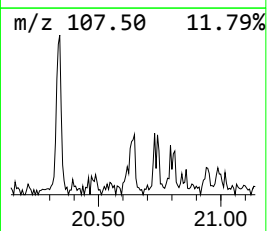
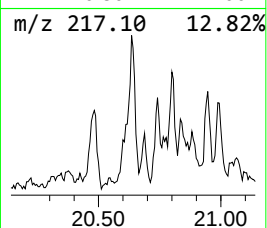
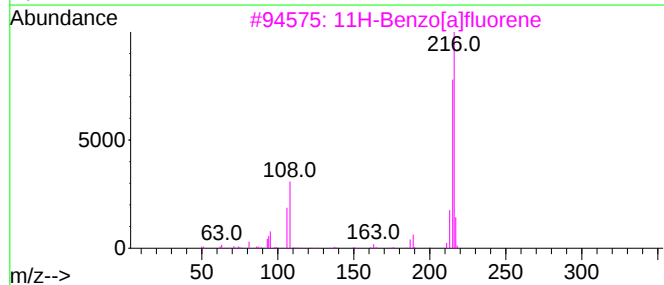
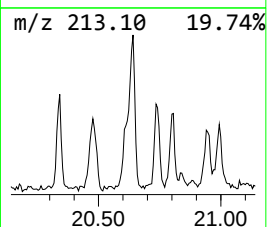
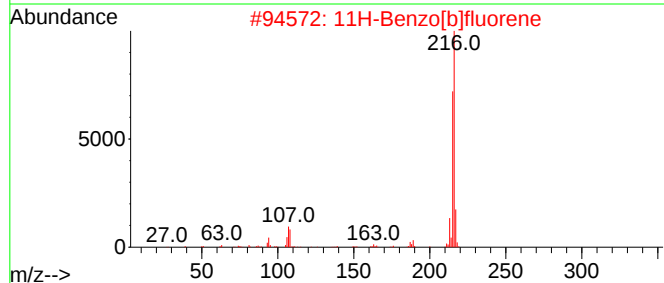
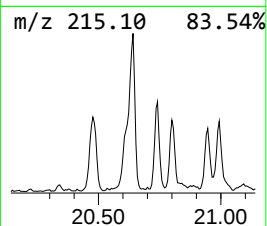
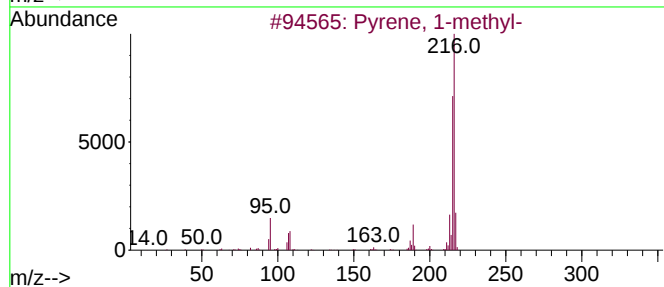
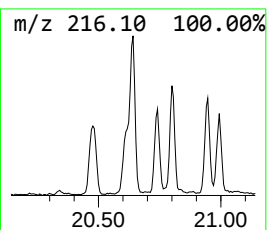
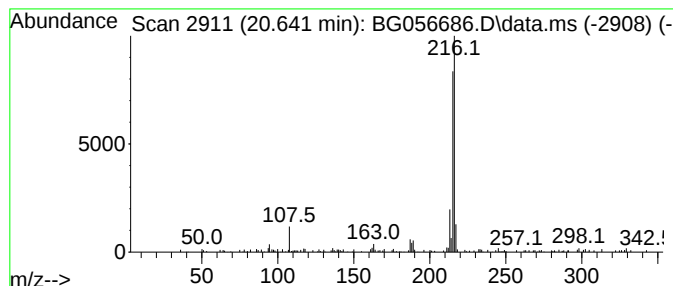
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.641	3.08 ng	138409	Chrysene-d12	22.092

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

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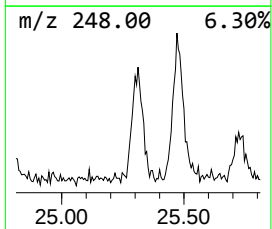
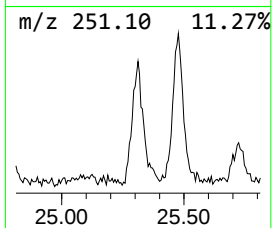
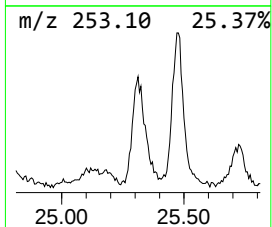
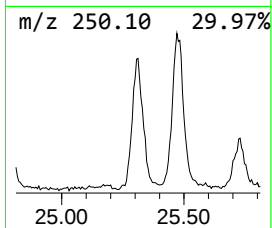
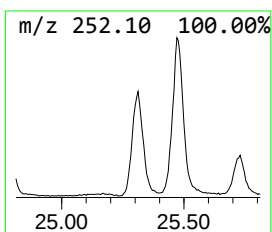
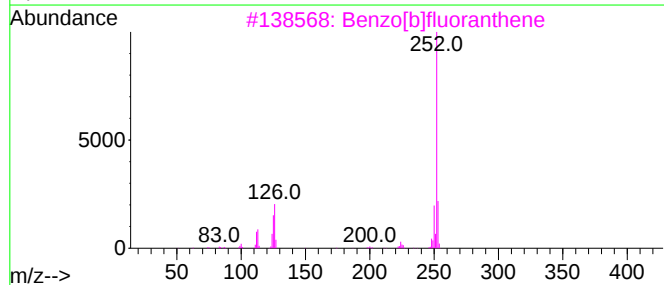
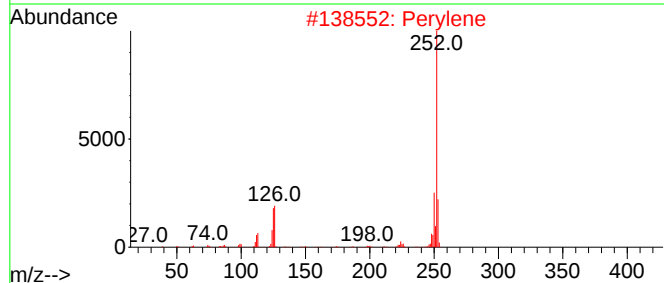
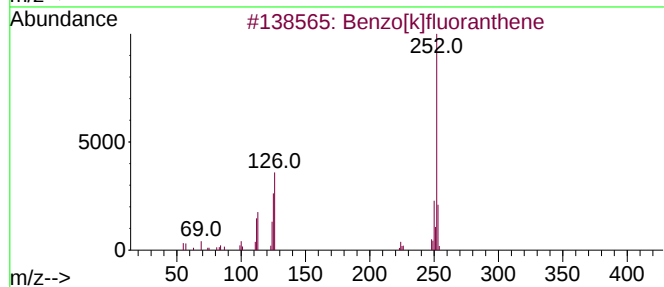
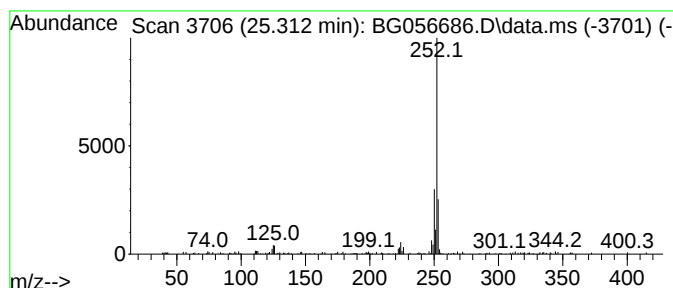
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.312	12.10 ng	277020	Perylene-d12	25.641

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
2		Perylene	252	C20H12	000198-55-0	76
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	74
4		Benzo[a]pyrene	252	C20H12	000050-32-8	72
5		Benzo[e]pyrene	252	C20H12	000192-97-2	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022123\
Data File : BG056686.D
Acq On : 21 Feb 2023 16:09
Operator : CG/JU
Sample : 01552-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.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
unknown3.996	3.996	7.2	ng	55947	1	8.438	156304	20.0
2-Pentanone, 4-...	5.465	31.8	ng	248240	1	8.438	156304	20.0
Tetradecane	13.837	2.5	ng	34355	3	15.036	275439	20.0
Benzophenone	16.370	4.7	ng	64765	3	15.036	275439	20.0
n-Hexadecanoic ...	18.614	9.2	ng	146788	4	17.774	320684	20.0
Phenanthrene, 4...	18.637	7.2	ng	115582	4	17.774	320684	20.0
Phenanthrene, 1...	18.685	9.5	ng	152788	4	17.774	320684	20.0
1H-Cyclopropa[1...	18.767	3.8	ng	60402	4	17.774	320684	20.0
4H-Cyclopenta[d...	18.831	14.4	ng	230690	4	17.774	320684	20.0
Phenanthrene, 9...	18.867	3.9	ng	62284	4	17.774	320684	20.0
Tricyclo[8.2.2...	19.119	5.5	ng	87364	4	17.774	320684	20.0
9,10-Anthracene...	19.166	5.0	ng	80124	4	17.774	320684	20.0
Phenanthrene, 2...	19.360	2.7	ng	43041	4	17.774	320684	20.0
3,4-Dimethylphe...	19.531	9.0	ng	143730	4	17.774	320684	20.0
unknown19.595	19.595	3.0	ng	48582	4	17.774	320684	20.0
Pyrimidine, 4-c...	19.677	6.0	ng	96985	4	17.774	320684	20.0
Octadecanoic acid	19.860	2.8	ng	44819	4	17.774	320684	20.0
11H-Benzo[b]flu...	20.477	3.6	ng	161843	5	22.092	898002	20.0
Pyrene, 1-methyl-	20.641	3.1	ng	138409	5	22.092	898002	20.0
Perylene	25.312	12.1	ng	277020	6	25.641	458059	20.0