

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057508.D
 Acq On : 23 May 2023 00:50
 Operator : CG/JU
 Sample : 02864-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-280

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-BG042723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057508.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.929	57	66	71	rBV4	7456	16727	2.46%	0.196%
2	4.986	241	246	254	rBB	16248	30116	4.43%	0.353%
3	5.385	305	314	320	rBV	18627	32720	4.81%	0.384%
4	5.873	391	397	404	rBV	164214	271422	39.91%	3.183%
5	5.938	404	408	417	rVB	8993	16952	2.49%	0.199%
6	6.319	467	473	479	rBV4	9925	20076	2.95%	0.235%
7	7.500	664	674	688	rBV	176197	335762	49.36%	3.937%
8	7.941	745	749	753	rBV2	12263	17074	2.51%	0.200%
9	8.299	805	810	814	rVV3	10509	16233	2.39%	0.190%
10	8.358	814	820	829	rVB	73584	133580	19.64%	1.566%
11	8.992	920	928	937	rBV4	6544	14455	2.13%	0.170%
12	9.533	1012	1020	1030	rVV	120310	241497	35.51%	2.832%
13	11.113	1284	1289	1295	rBV	19381	31206	4.59%	0.366%
14	11.189	1295	1302	1307	rVV	99730	186106	27.36%	2.182%
15	11.242	1307	1311	1316	rVV	31834	54371	7.99%	0.638%
16	11.301	1316	1321	1329	rVB2	16258	27364	4.02%	0.321%
17	12.153	1460	1466	1470	rBV2	24612	39069	5.74%	0.458%
18	12.540	1526	1532	1537	rBV	27503	41020	6.03%	0.481%
19	12.822	1574	1580	1586	rBV	35862	59614	8.76%	0.699%
20	13.034	1609	1616	1622	rVV	24277	42216	6.21%	0.495%
21	13.474	1686	1691	1696	rVV2	14242	18945	2.79%	0.222%
22	13.592	1701	1711	1719	rVB	330385	502393	73.86%	5.892%
23	13.756	1732	1739	1744	rBV	30328	45297	6.66%	0.531%
24	13.803	1744	1747	1751	rVB	11978	14912	2.19%	0.175%
25	14.150	1797	1806	1811	rVB4	13950	33019	4.85%	0.387%
26	14.291	1824	1830	1834	rBV2	20814	40727	5.99%	0.478%
27	14.344	1834	1839	1842	rVV	15838	23100	3.40%	0.271%
28	14.403	1842	1849	1854	rVV6	17810	33828	4.97%	0.397%
29	14.526	1862	1870	1873	rBV4	14603	24751	3.64%	0.290%
30	14.814	1910	1919	1924	rVB2	31003	46866	6.89%	0.550%
31	14.967	1940	1945	1951	rVV	163114	256991	37.78%	3.014%
32	15.031	1951	1956	1962	rVB2	19397	32831	4.83%	0.385%
33	15.160	1972	1978	1985	rBV5	9216	17298	2.54%	0.203%
34	15.360	2006	2012	2018	rVB3	28587	48177	7.08%	0.565%
35	15.425	2018	2023	2027	rBV3	16003	24809	3.65%	0.291%
36	15.566	2042	2047	2052	rBV4	12412	22865	3.36%	0.268%

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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
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37	15.619	2052	2056	2061	rVV2	11861	18039	2.65%	0.212%
38	15.760	2067	2080	2086	rBV2	32896	71963	10.58%	0.844%
39	15.906	2102	2105	2112	rVB4	10779	14028	2.06%	0.165%
40	16.006	2114	2122	2133	rVB3	23847	66785	9.82%	0.783%
41	16.159	2144	2148	2153	rVV3	12629	18108	2.66%	0.212%
42	16.300	2167	2172	2177	rVB	65317	100544	14.78%	1.179%
43	16.447	2192	2197	2205	rBV2	218135	352292	51.79%	4.131%
44	16.617	2221	2226	2227	rBV	34494	40624	5.97%	0.476%
45	16.635	2227	2229	2234	rVB2	22249	25610	3.77%	0.300%
46	16.870	2264	2269	2276	rVB3	17682	29781	4.38%	0.349%
47	17.011	2289	2293	2297	rVB5	11415	18816	2.77%	0.221%
48	17.058	2297	2301	2307	rBV6	7156	14642	2.15%	0.172%
49	17.234	2324	2331	2334	rBV6	17235	35755	5.26%	0.419%
50	17.263	2334	2336	2346	rVB5	9065	18639	2.74%	0.219%
51	17.363	2346	2353	2357	rBV3	28788	53422	7.85%	0.626%
52	17.404	2357	2360	2365	rBV2	24819	31397	4.62%	0.368%
53	17.528	2377	2381	2385	rBV2	12974	18875	2.78%	0.221%
54	17.710	2404	2412	2415	rBV	202776	319723	47.01%	3.749%
55	17.751	2415	2419	2425	rVB	193982	281205	41.34%	3.298%
56	17.839	2429	2434	2438	rBV	40924	62997	9.26%	0.739%
57	17.992	2453	2460	2461	rBV7	10257	18722	2.75%	0.220%
58	18.021	2461	2465	2469	rVB2	21969	33898	4.98%	0.398%
59	18.103	2472	2479	2483	rBV4	20432	41847	6.15%	0.491%
60	18.145	2483	2486	2491	rVV2	32252	44879	6.60%	0.526%
61	18.286	2506	2510	2518	rVB2	22418	38244	5.62%	0.448%
62	18.432	2531	2535	2541	rVB6	9186	15254	2.24%	0.179%
63	18.544	2551	2554	2556	rVV3	16534	23246	3.42%	0.273%
64	18.573	2556	2559	2562	rVV	45767	68530	10.08%	0.804%
65	18.620	2562	2567	2573	rVB3	77109	134286	19.74%	1.575%
66	18.761	2585	2591	2595	rBV2	50092	90235	13.27%	1.058%
67	18.803	2595	2598	2600	rBV	14664	17059	2.51%	0.200%
68	18.879	2607	2611	2614	rBV2	11548	14434	2.12%	0.169%
69	18.955	2620	2624	2630	rVB4	17915	28175	4.14%	0.330%
70	19.061	2637	2642	2647	rBV2	55477	88441	13.00%	1.037%
71	19.114	2647	2651	2658	rVB4	26429	50236	7.39%	0.589%
72	19.208	2660	2667	2674	rBV10	8525	28082	4.13%	0.329%
73	19.302	2680	2683	2688	rVB3	20310	26372	3.88%	0.309%
74	19.355	2688	2692	2695	rBV	24839	33602	4.94%	0.394%
75	19.396	2695	2699	2704	rVB2	25232	34237	5.03%	0.401%
76	19.443	2704	2707	2709	rBV	28511	34364	5.05%	0.403%

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77	19.472	2709	2712	2717	rVV	49127	64723	9.52%	0.759%
78	19.525	2717	2721	2725	rVV2	16176	24101	3.54%	0.283%
79	19.566	2725	2728	2731	rVB	24476	28808	4.24%	0.338%
80	19.619	2731	2737	2741	rBV3	23147	50283	7.39%	0.590%
81	19.742	2749	2758	2762	rBV	211095	356549	52.42%	4.181%
82	19.784	2762	2765	2769	rVV	30689	39558	5.82%	0.464%
83	20.013	2800	2804	2808	rVB3	27560	40755	5.99%	0.478%
84	20.066	2808	2813	2815	rBV2	41838	64648	9.50%	0.758%
85	20.101	2815	2819	2825	rVB	179453	259327	38.13%	3.041%
86	20.160	2825	2829	2835	rBV3	29046	48670	7.16%	0.571%
87	20.277	2843	2849	2854	rBV	507191	680169	100.00%	7.976%
88	20.389	2864	2868	2870	rBV2	18842	27511	4.04%	0.323%
89	20.535	2890	2893	2898	rBV3	33089	54497	8.01%	0.639%
90	20.682	2915	2918	2921	rBV2	14632	19111	2.81%	0.224%
91	21.041	2976	2979	2983	rVB4	24293	29848	4.39%	0.350%
92	21.376	3031	3036	3042	rVB	49500	82777	12.17%	0.971%
93	21.569	3065	3069	3074	rBV4	39908	61550	9.05%	0.722%
94	21.669	3083	3086	3091	rBV5	12636	21655	3.18%	0.254%
95	22.016	3136	3145	3150	rBV3	205951	483021	71.01%	5.664%
96	22.063	3150	3153	3163	rVB	76410	136498	20.07%	1.601%
97	24.389	3542	3549	3557	rBV	56836	174576	25.67%	2.047%
98	25.182	3677	3684	3694	rVB2	31471	85505	12.57%	1.003%
99	25.347	3706	3712	3722	rVB	32100	95090	13.98%	1.115%
100	25.517	3732	3741	3750	rVB2	102864	326361	47.98%	3.827%

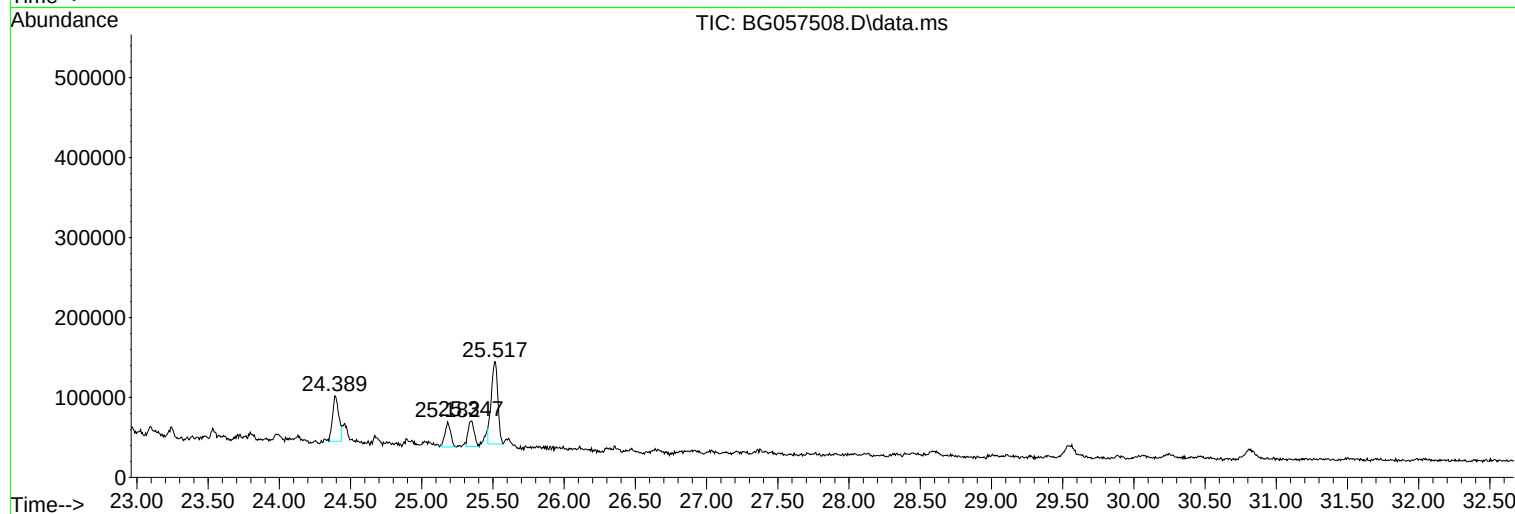
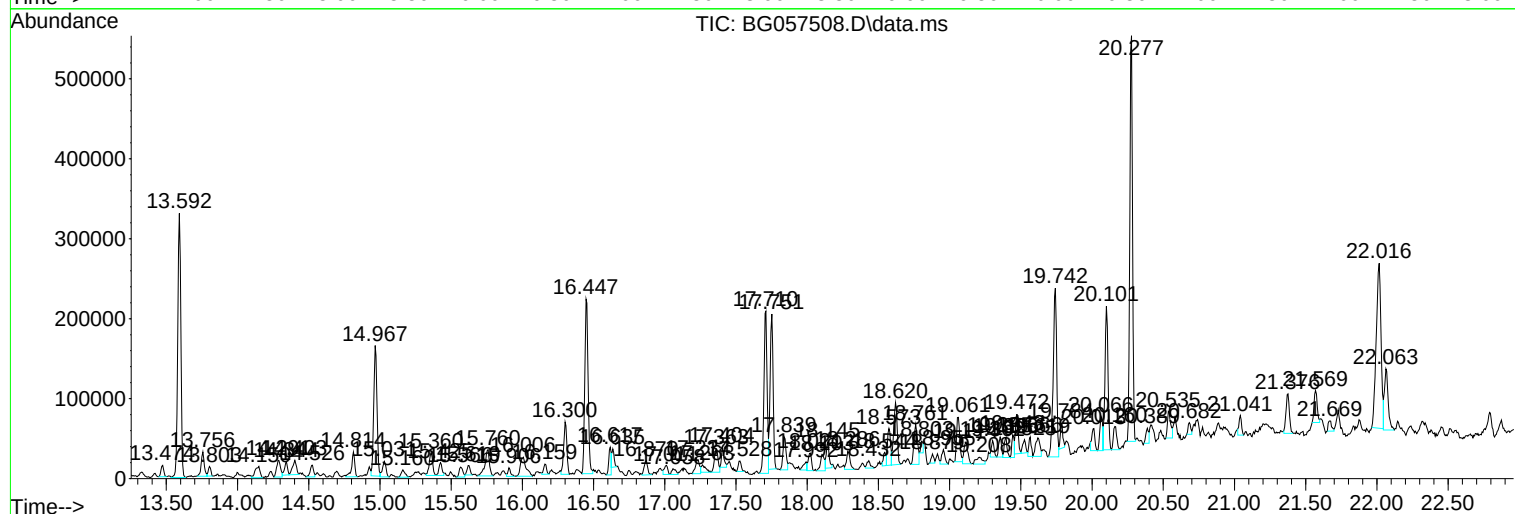
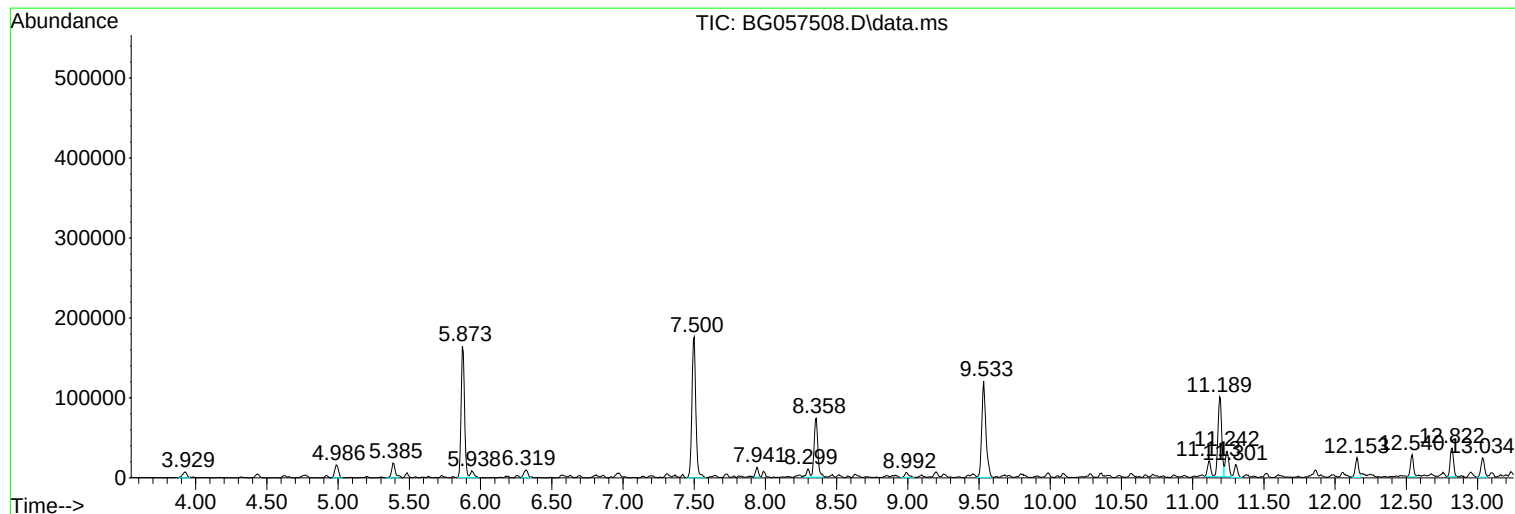
Sum of corrected areas: 8527368

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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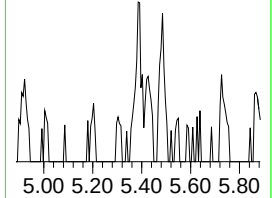
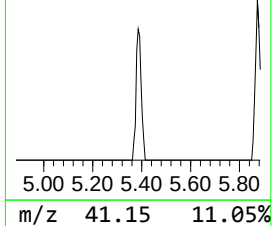
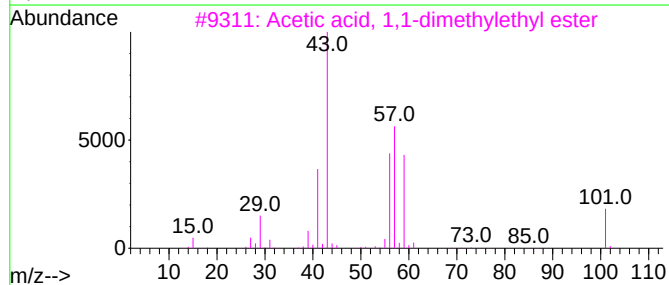
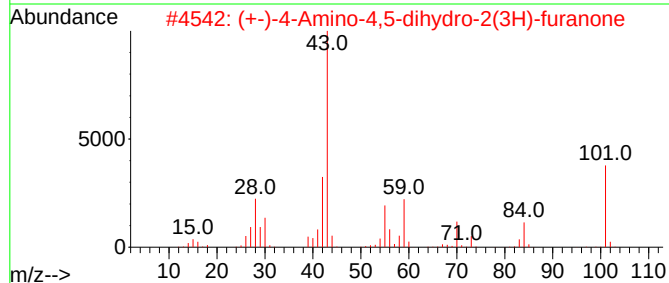
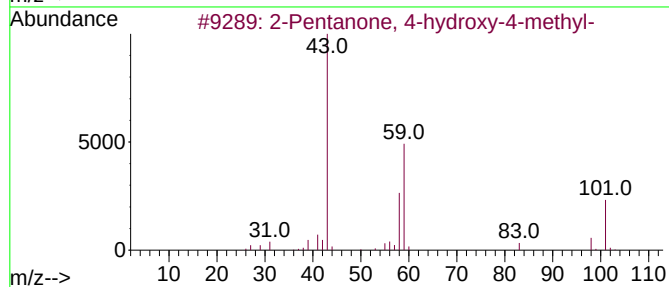
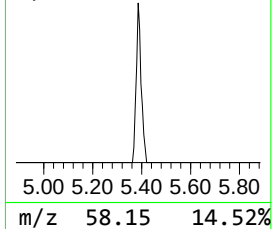
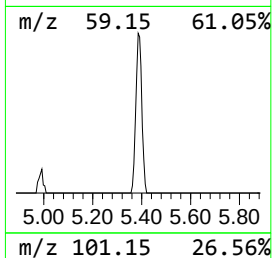
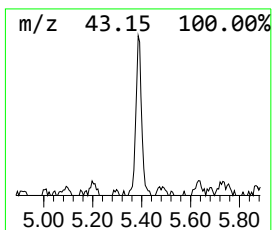
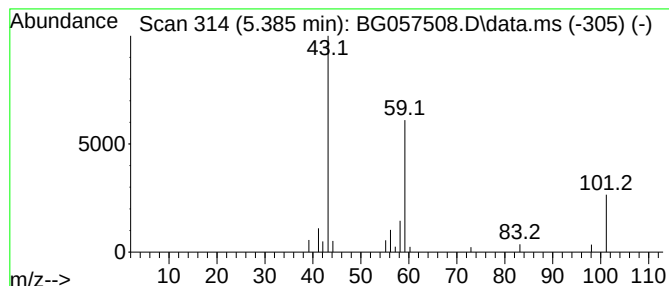
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.385	4.90 ng	32720	1,4-Dichlorobenzene-d4	8.358

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5			Hexanamide	115	C6H13NO	000628-02-4	12



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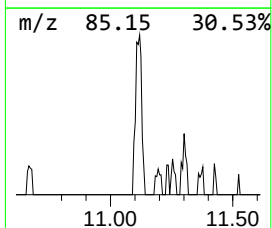
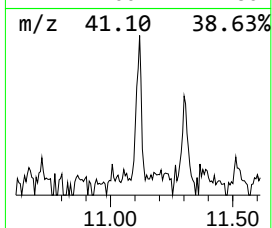
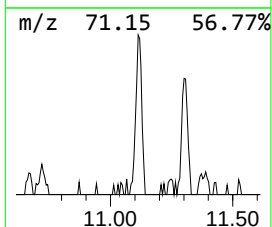
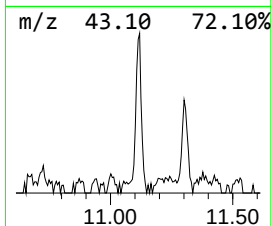
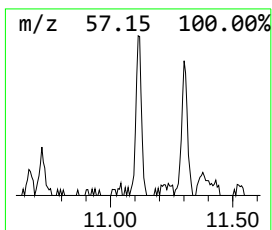
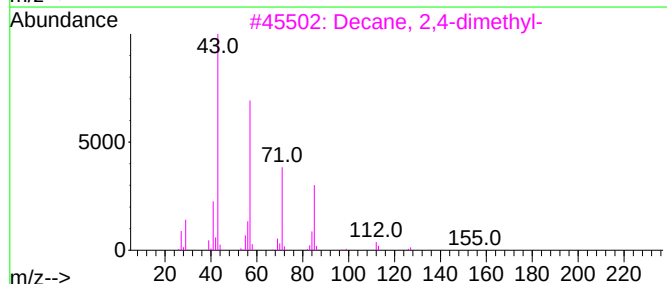
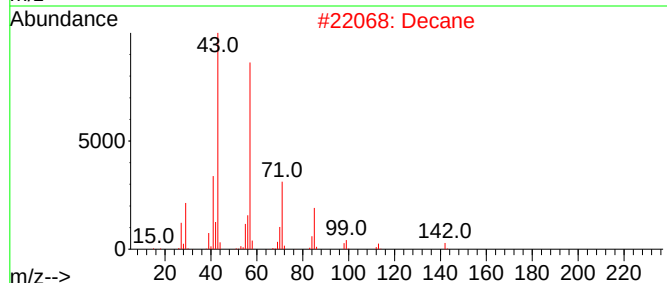
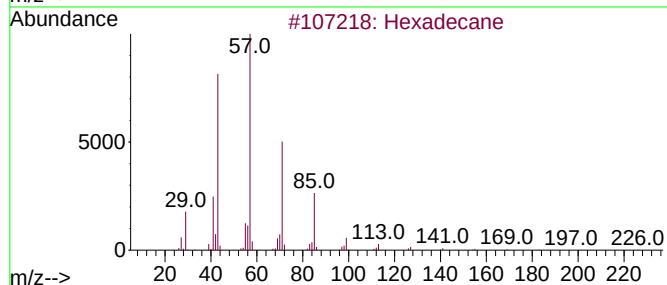
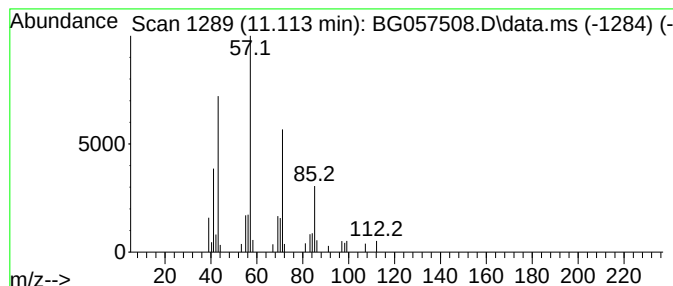
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.113	3.35 ng	31206	Naphthalene-d8	11.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	72
2			Decane	142	C10H22	000124-18-5	72
3			Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
5			Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	47



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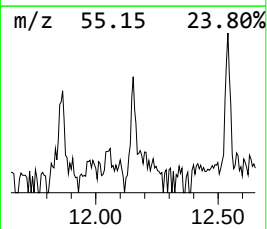
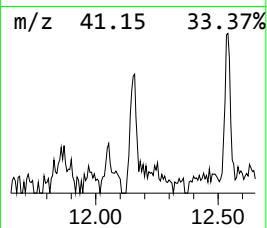
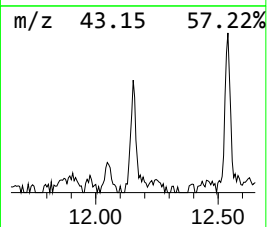
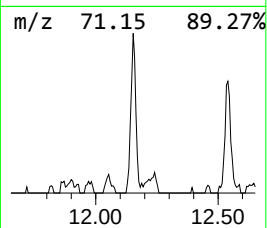
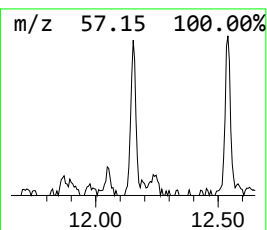
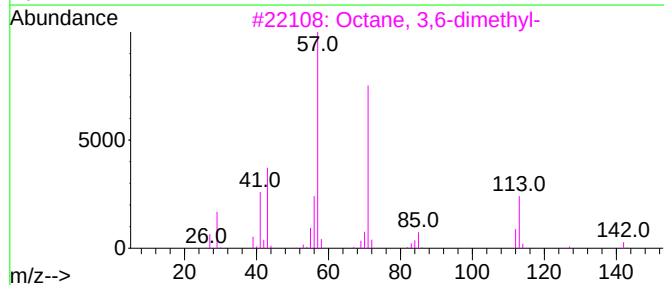
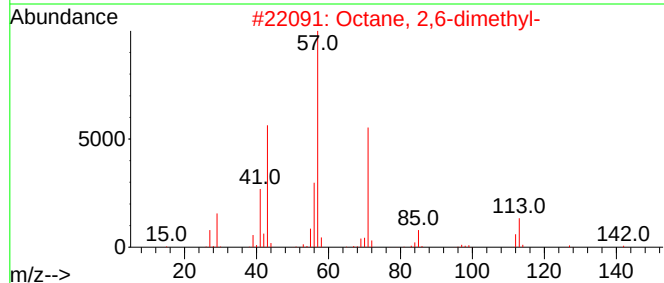
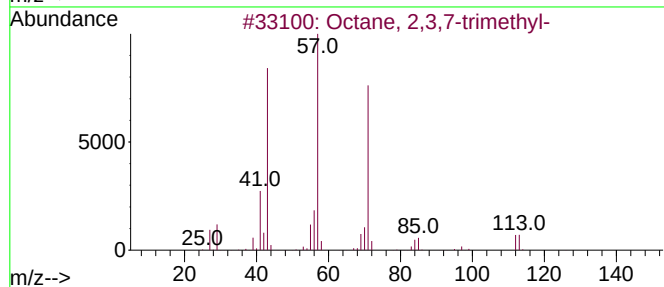
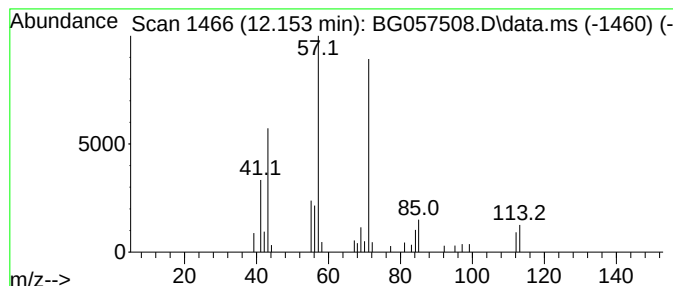
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 2,3,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.153	4.20 ng	39069	Naphthalene-d8	11.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	72
5			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
Operator : CG/JU
Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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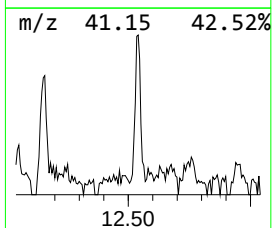
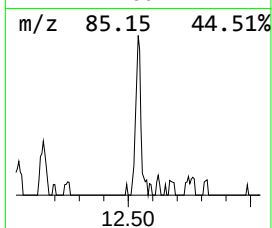
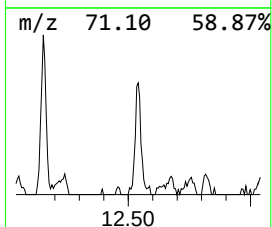
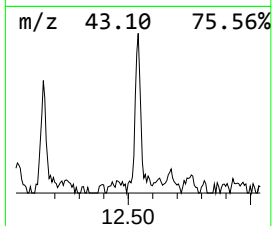
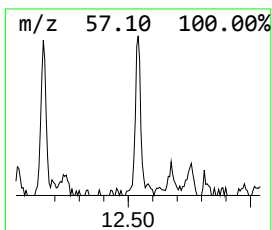
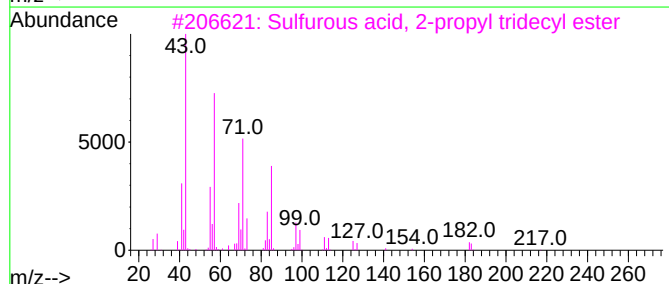
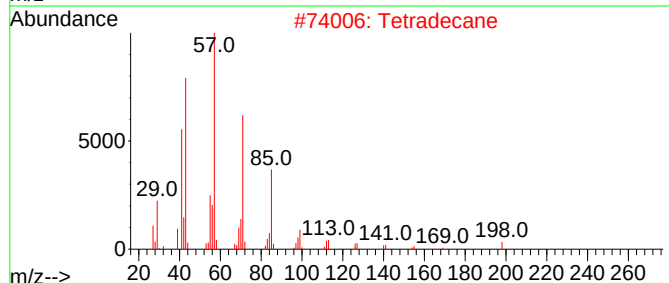
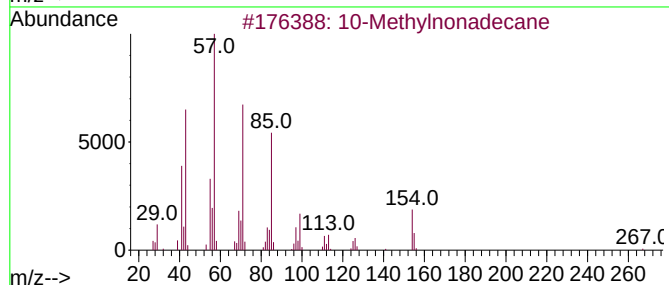
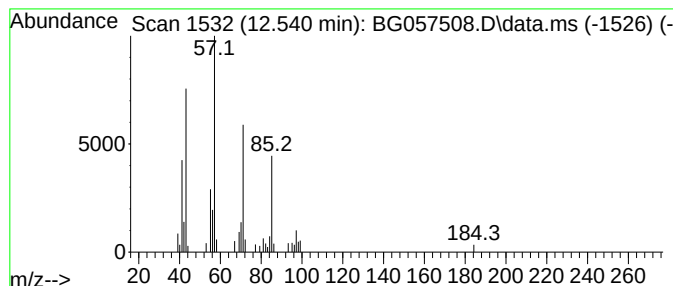
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 10-Methylnonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.540	4.41 ng	41020	Naphthalene-d8	11.189

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	78
2			Tetradecane	198	C14H30	000629-59-4	64
3			Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	64
4			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	59
5			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
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Instrument :
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ClientSampleId :
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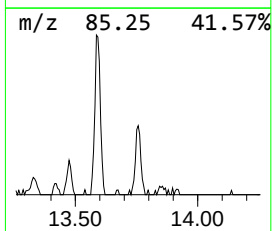
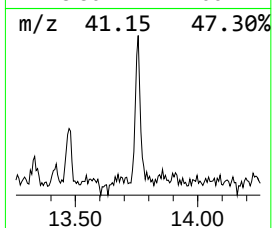
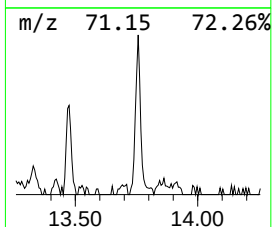
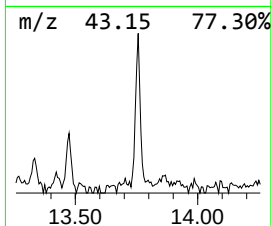
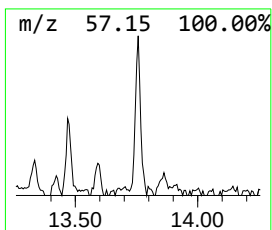
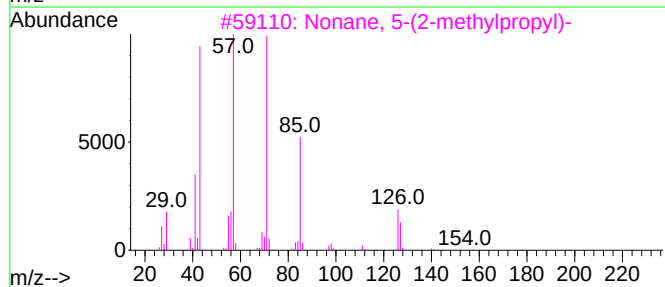
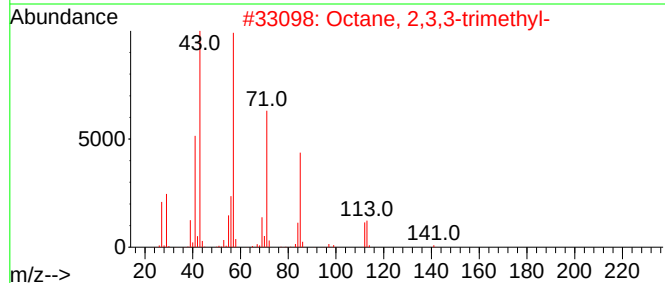
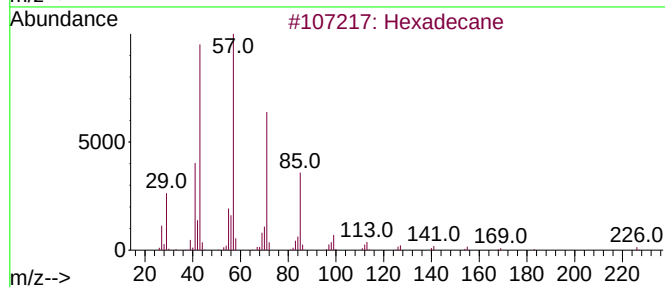
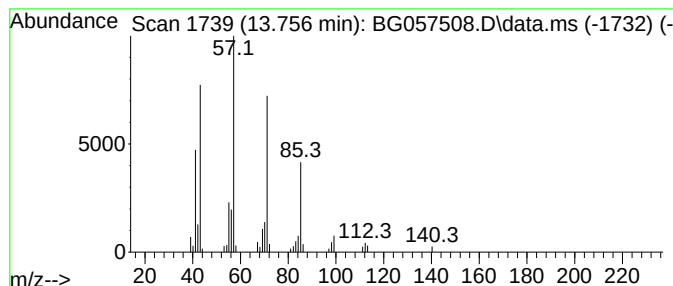
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octane, 2,3,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.756	3.53 ng	45297	Acenaphthene-d10	14.967

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	80
2		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	78
3		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	78
4		Tetradecane	198	C14H30	000629-59-4	72
5		Nonane	128	C9H20	000111-84-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
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Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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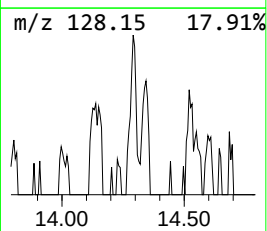
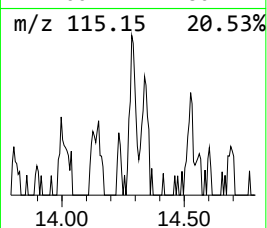
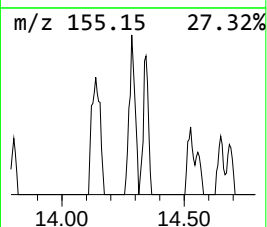
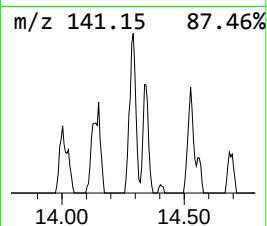
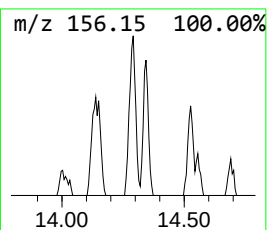
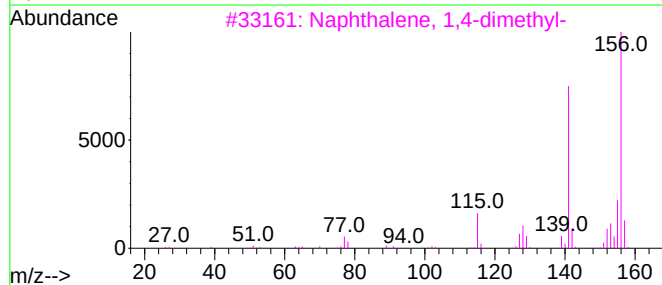
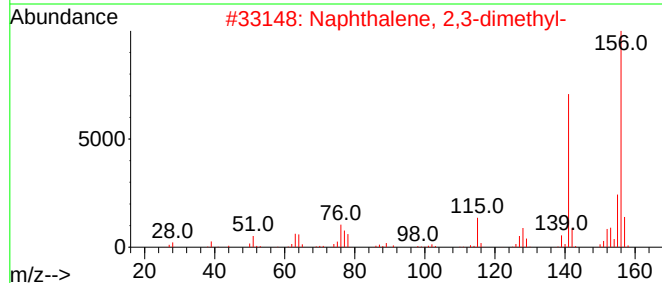
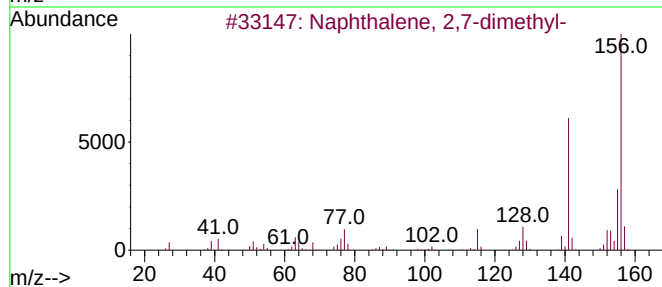
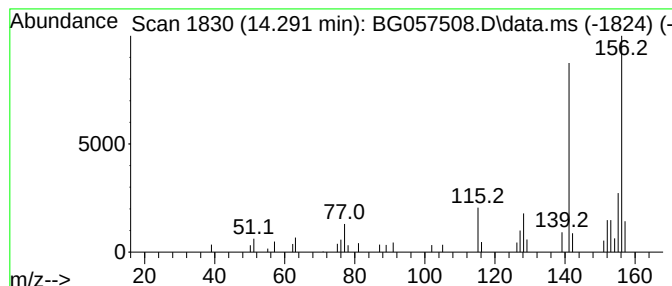
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.291	3.17 ng	40727	Acenaphthene-d10	14.967

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
Operator : CG/JU
Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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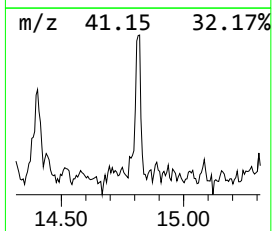
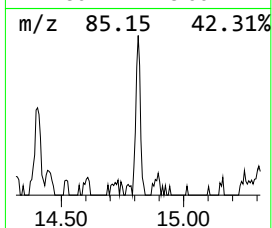
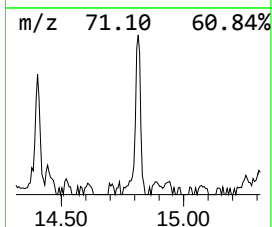
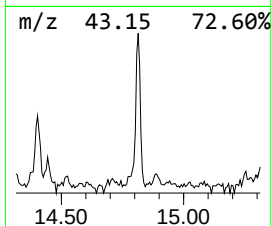
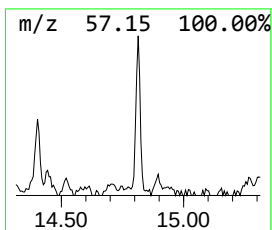
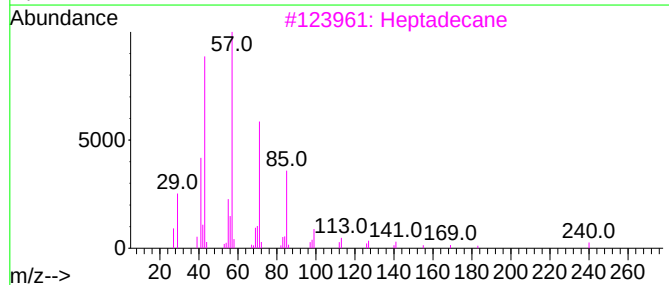
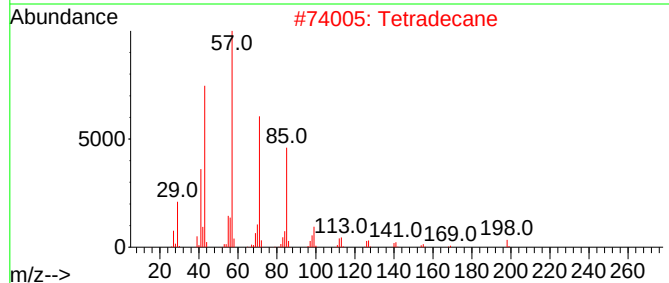
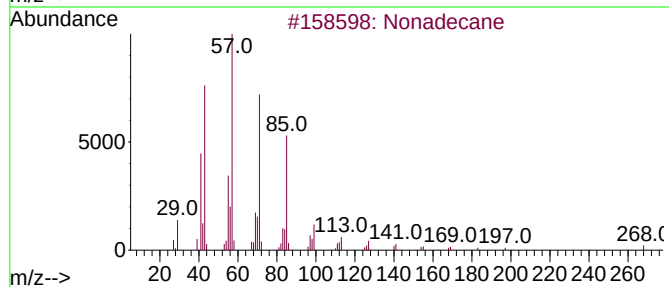
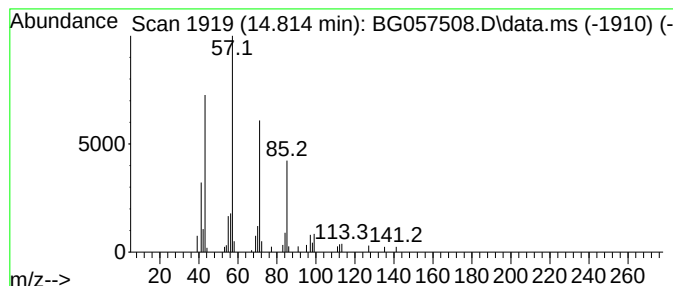
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	3.65 ng	46866	Acenaphthene-d10	14.967

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Tetradecane	198	C14H30	000629-59-4	86
3			Heptadecane	240	C17H36	000629-78-7	80
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
Operator : CG/JU
Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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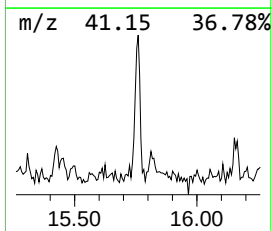
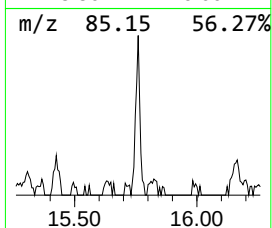
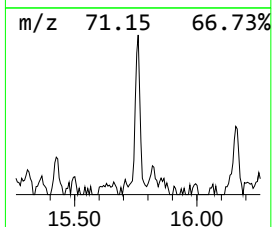
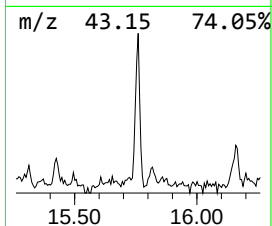
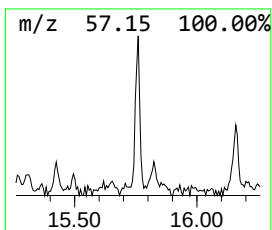
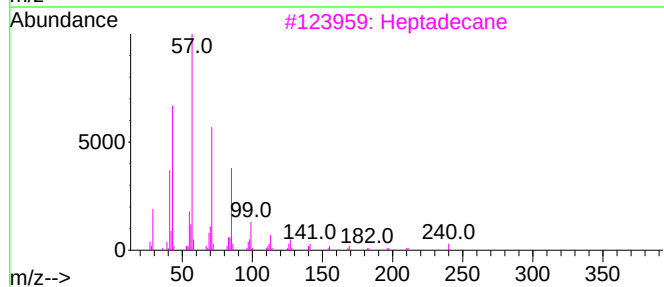
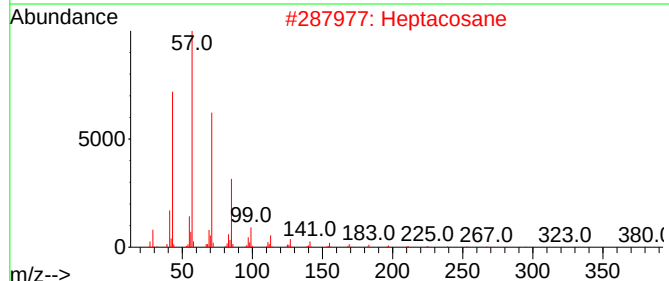
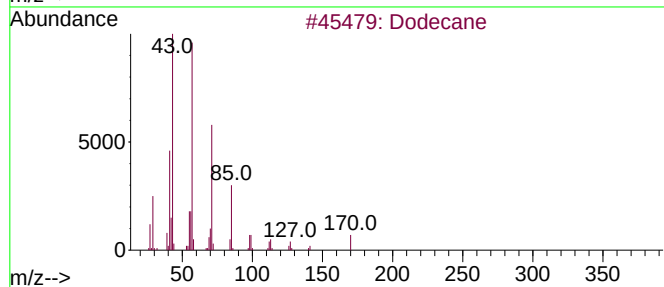
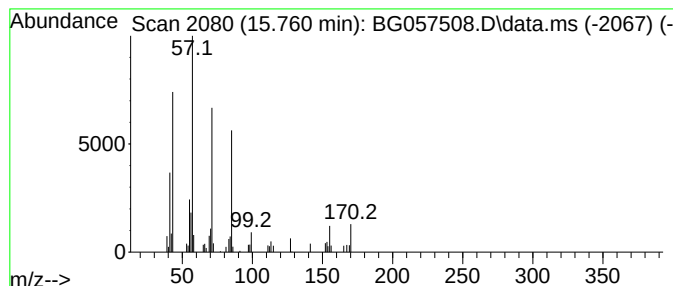
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.760	5.60 ng	71963	Acenaphthene-d10	14.967

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	58
2		Heptacosane	380	C27H56	000593-49-7	50
3		Heptadecane	240	C17H36	000629-78-7	50
4		Pentadecane	212	C15H32	000629-62-9	50
5		Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
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ClientSampleId :
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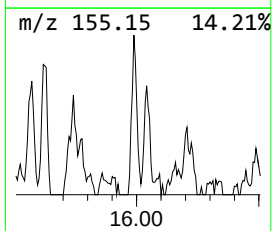
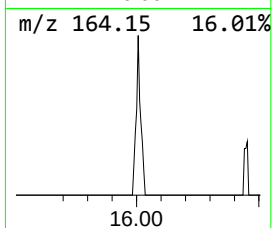
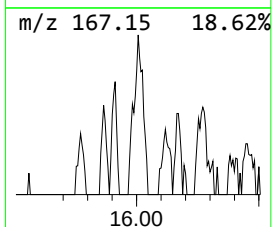
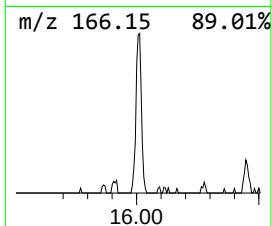
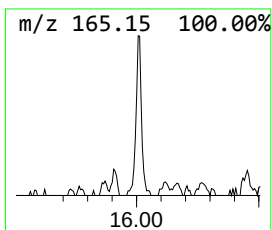
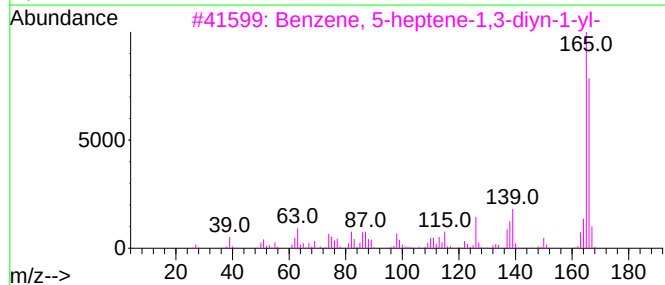
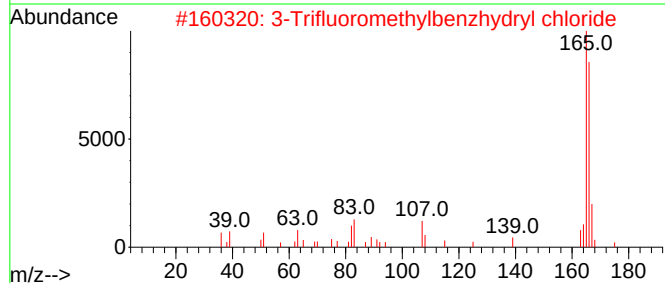
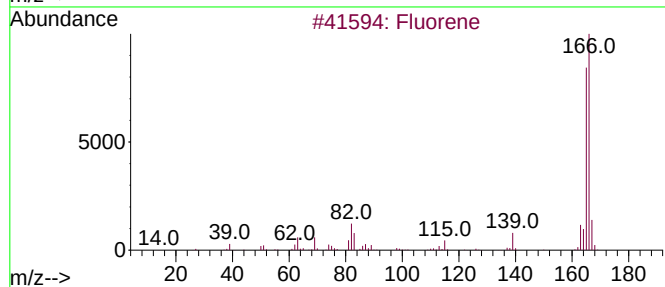
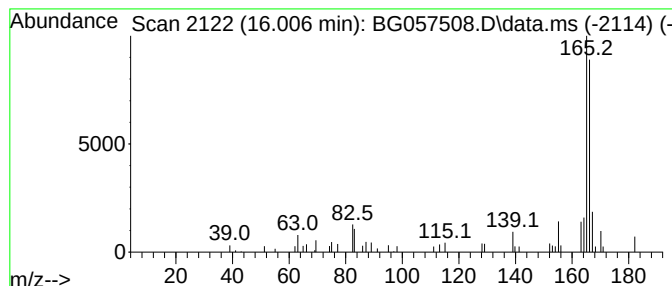
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 3-Trifluoromethylbenzhydryl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.006	5.20 ng	66785	Acenaphthene-d10	14.967

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluorene	166	C13H10	000086-73-7	94
2		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
3		Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	56
4		Benzaldehyde, 2-hydroxy-4-methox...	166	C9H10O3	034883-08-4	38
5		1H-Phenylene	166	C13H10	000203-80-5	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
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Acq On : 23 May 2023 00:50
Operator : CG/JU
Sample : 02864-03
Misc :
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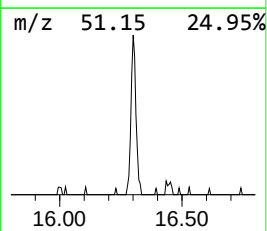
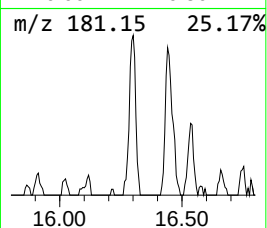
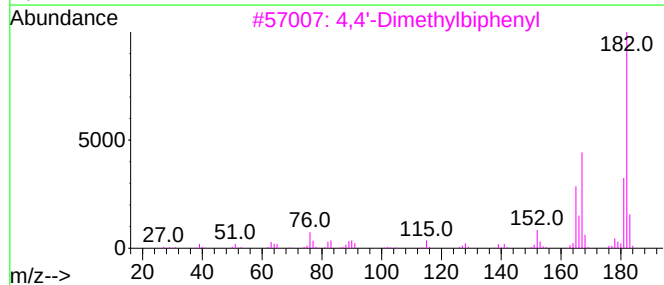
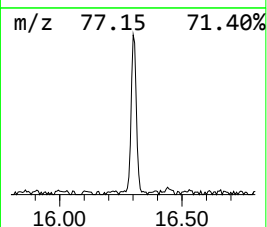
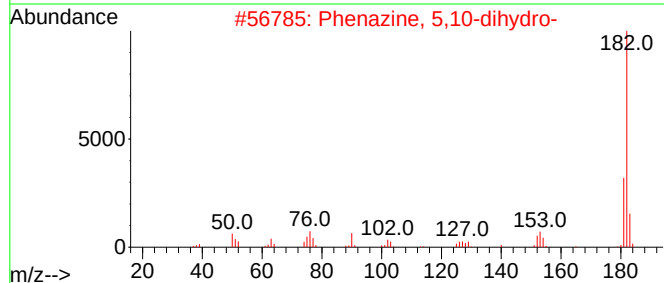
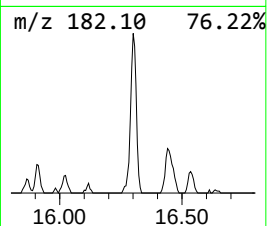
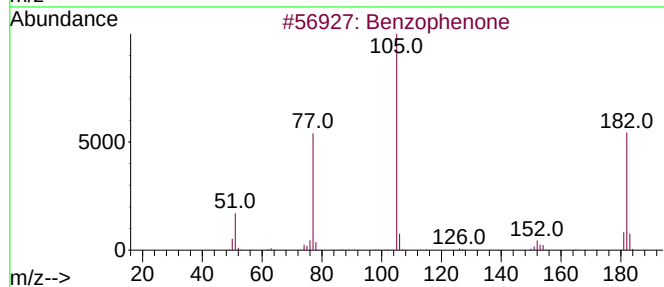
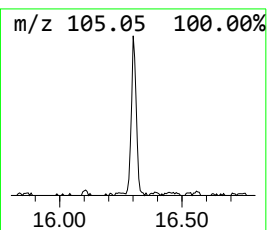
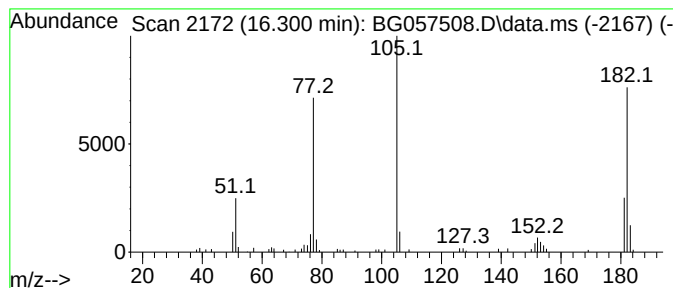
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.300	7.82 ng	100544	Acenaphthene-d10		14.967	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	95
2	Phenazine, 5,10-dihydro-		182	C12H10N2	000613-32-1	55
3	4,4'-Dimethylbiphenyl		182	C14H14	000613-33-2	46
4	2,4,6-Trimethoxytoluene		182	C10H14O3	014107-97-2	43
5	9H-Pyrido[3,4-b]indole, 1-methyl-		182	C12H10N2	000486-84-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
Operator : CG/JU
Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-280

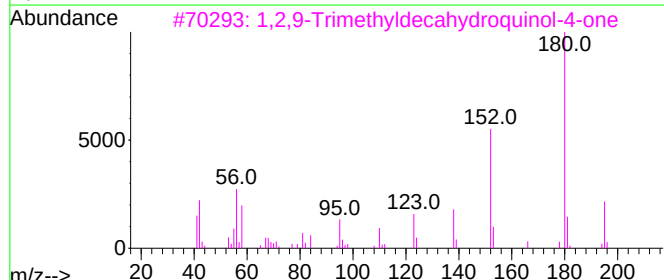
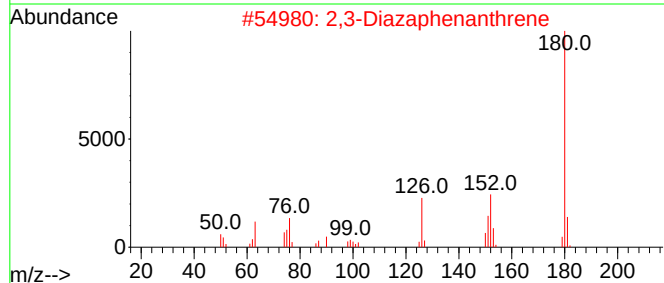
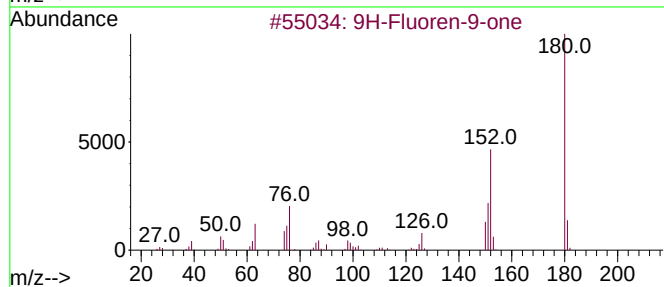
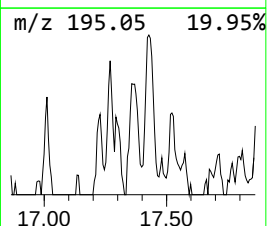
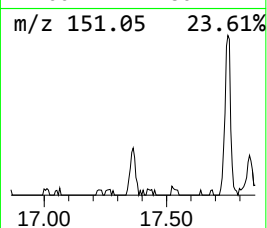
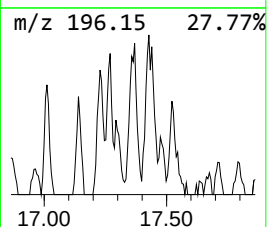
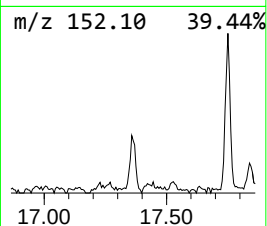
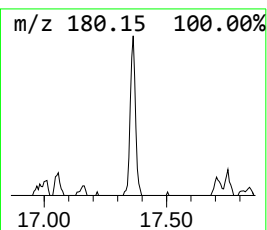
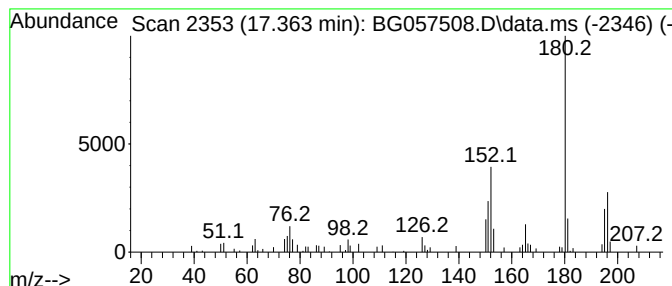
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.363	3.34 ng	53422	Phenanthrene-d10	17.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2			2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	47
3			1,2,9-Trimethyldecahydroquinol-4-one	195	C12H21NO	1000280-71-2	47
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5			2,5-Dimethyl-4-pyrimidinamine, TMS	195	C9H17N3Si	1000499-88-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
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Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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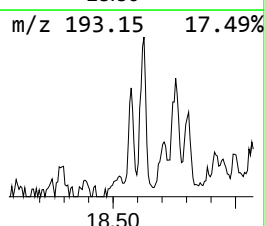
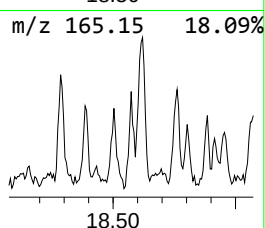
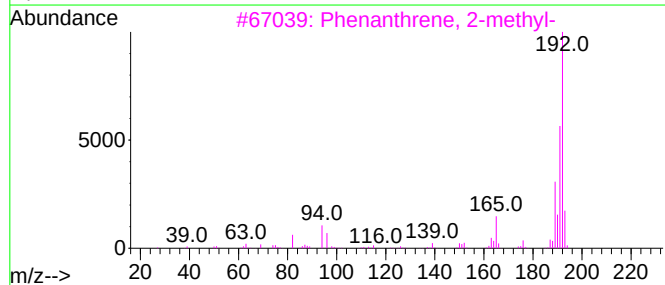
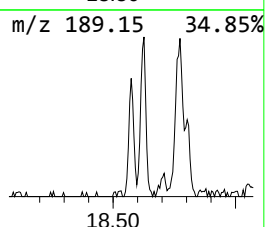
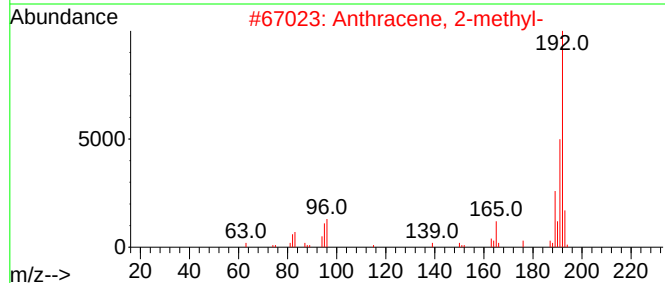
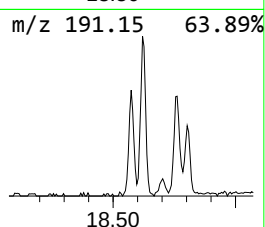
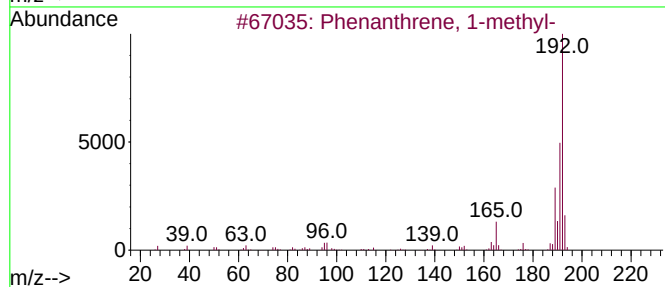
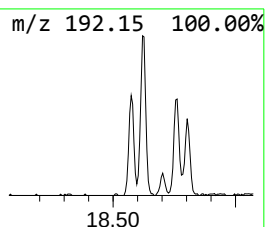
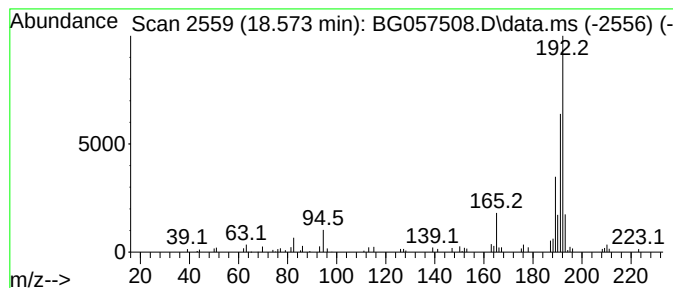
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.573	4.29 ng	68530	Phenanthrene-d10	17.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
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Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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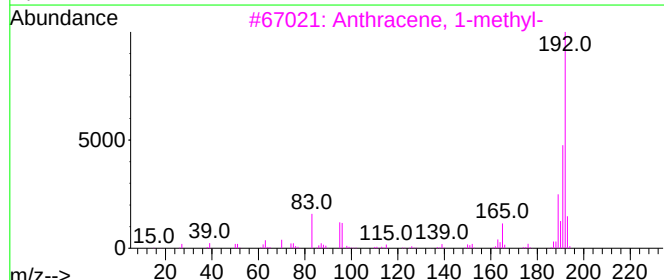
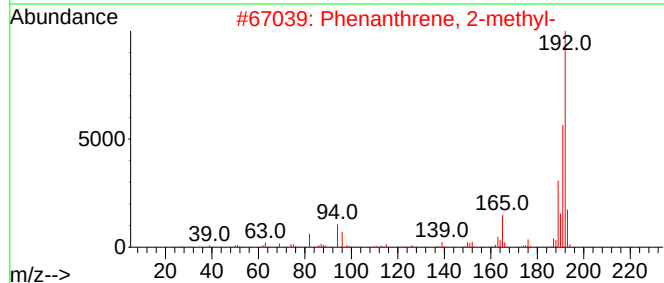
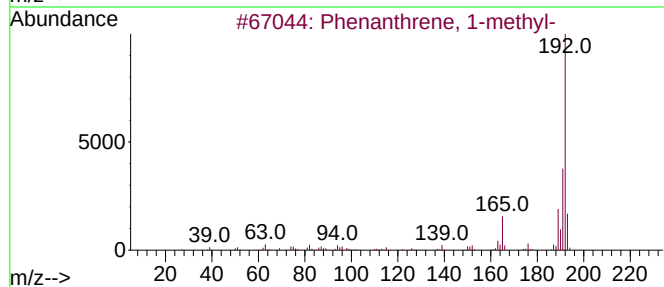
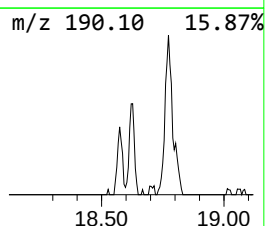
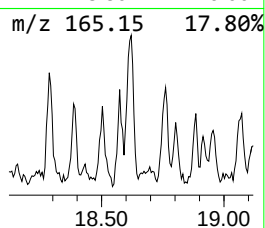
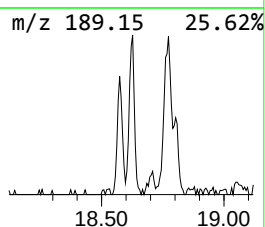
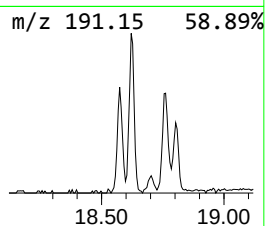
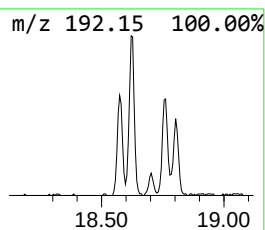
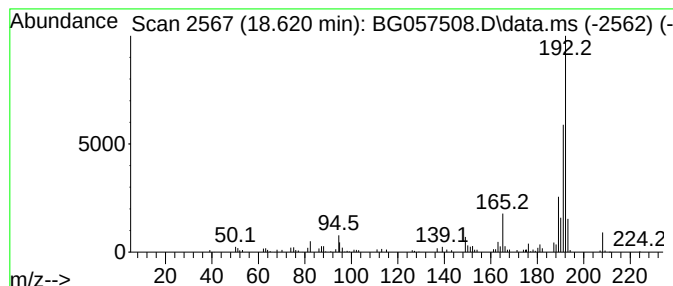
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.620	8.40 ng	134286	Phenanthrene-d10	17.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
Operator : CG/JU
Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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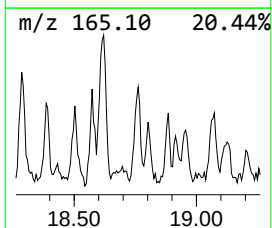
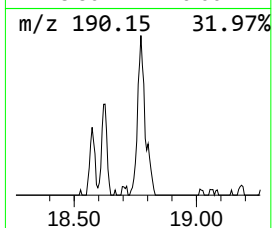
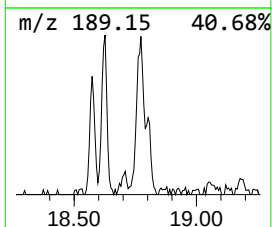
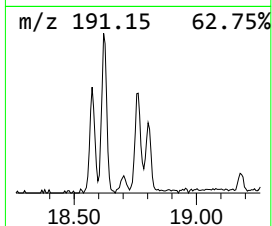
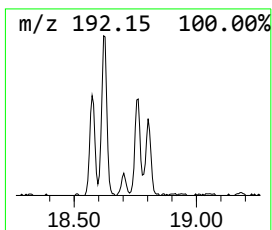
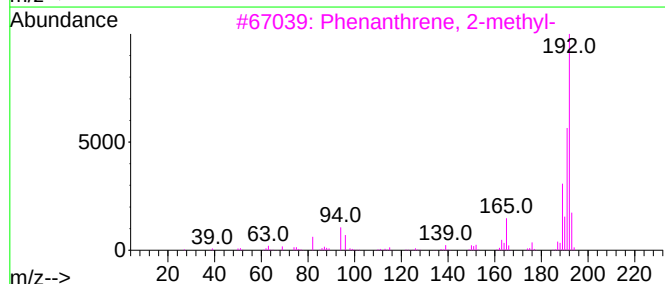
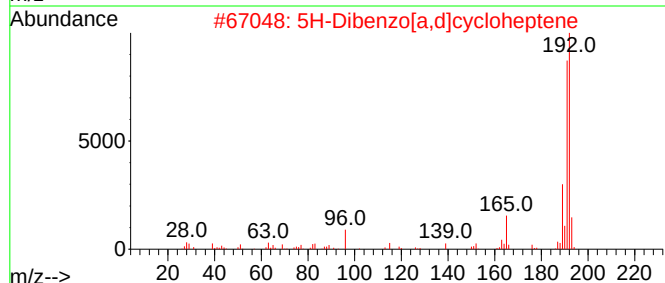
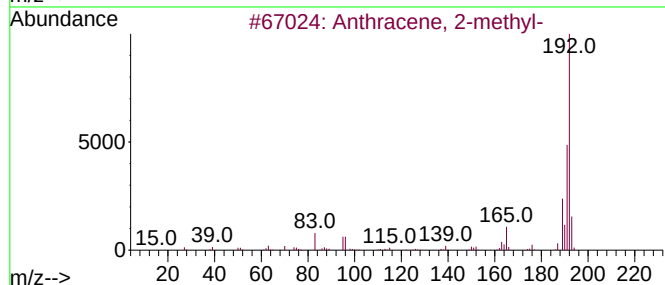
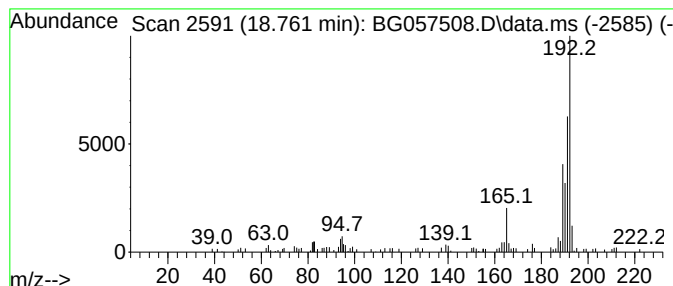
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.761	5.64 ng	90235	Phenanthrene-d10	17.710

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	62
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
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Sample : 02864-03
Misc :
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Instrument :
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ClientSampleId :
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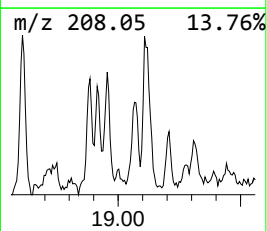
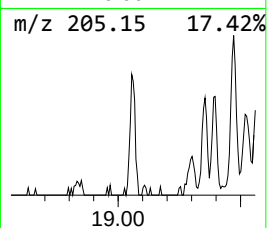
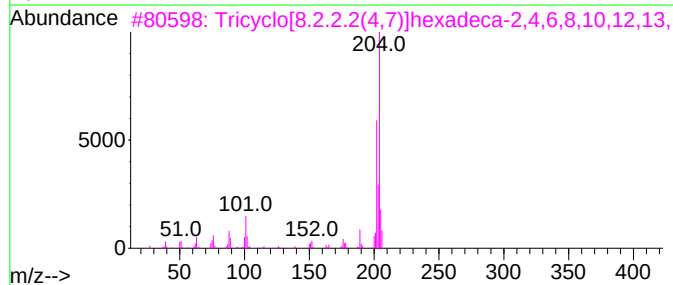
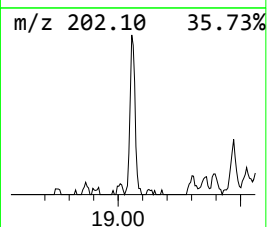
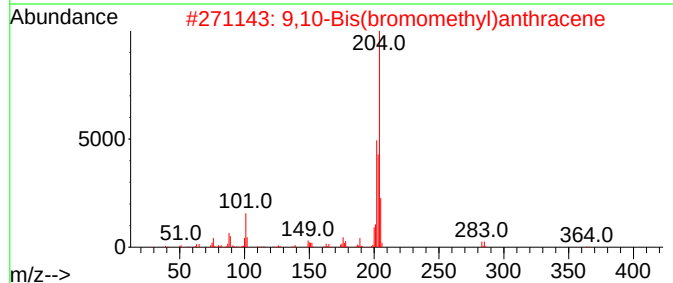
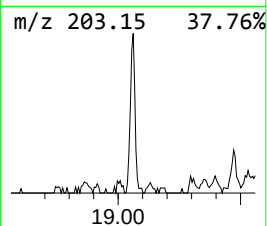
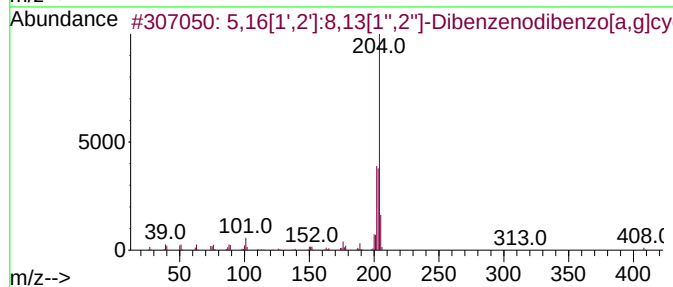
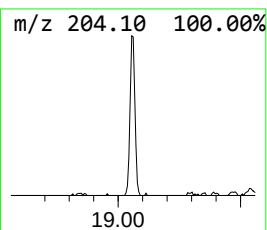
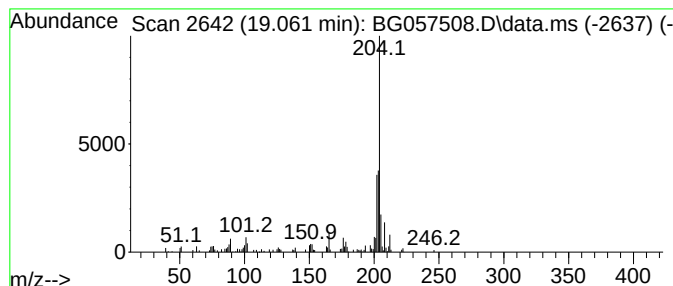
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.061	5.53 ng	88441	Phenanthrene-d10	17.710

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86	
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	80	
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68	
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62	
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	53	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
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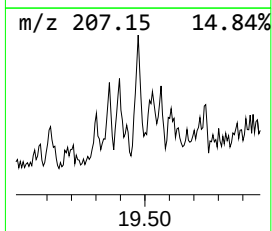
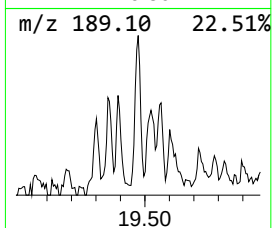
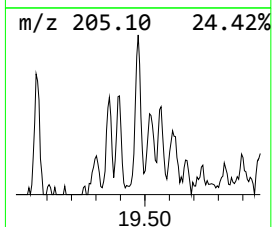
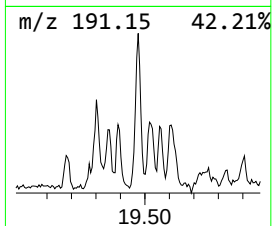
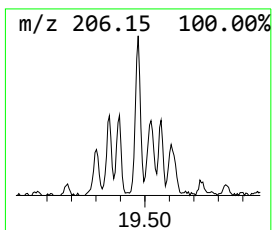
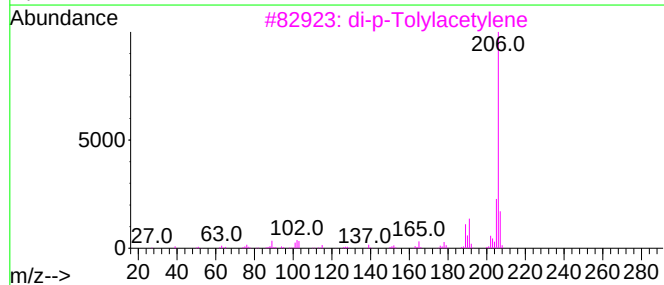
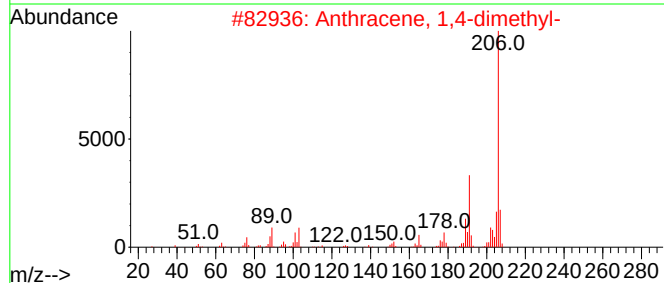
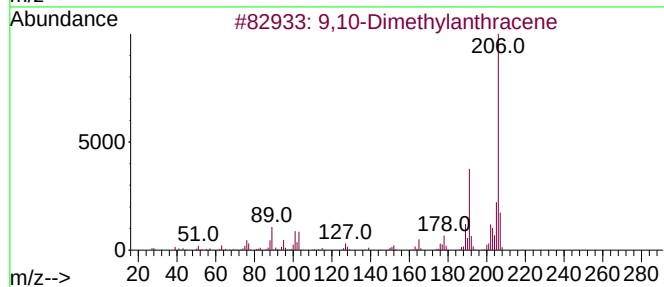
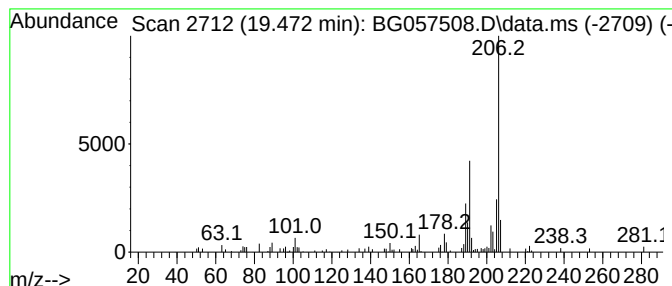
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,10-Dimethylantracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.472	4.05 ng	64723	Phenanthrene-d10		17.710	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene		206	C16H14	000781-43-1	91
2	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	90
3	di-p-Tolylacetylene		206	C16H14	002789-88-0	90
4	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	86
5	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
Operator : CG/JU
Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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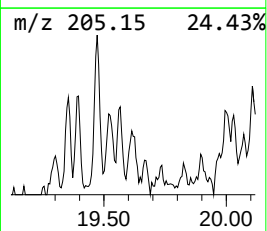
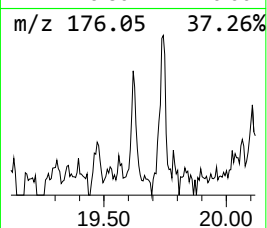
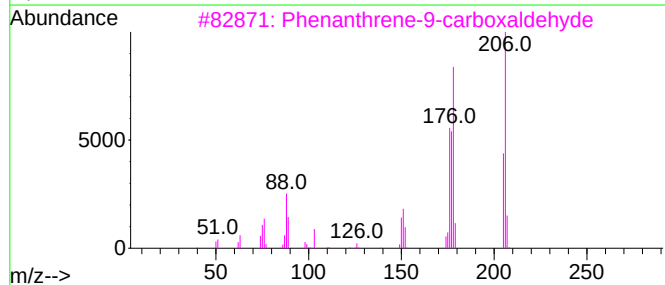
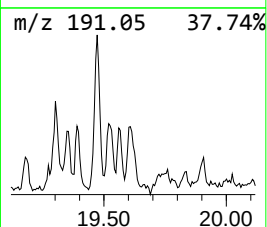
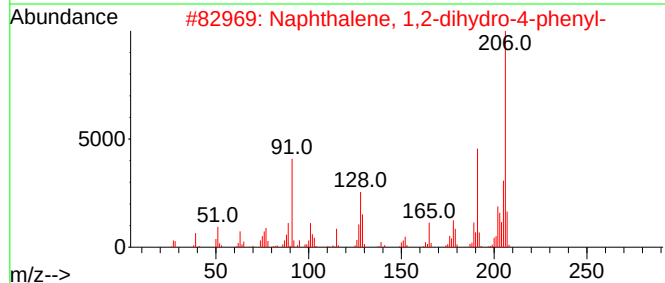
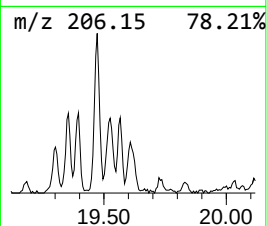
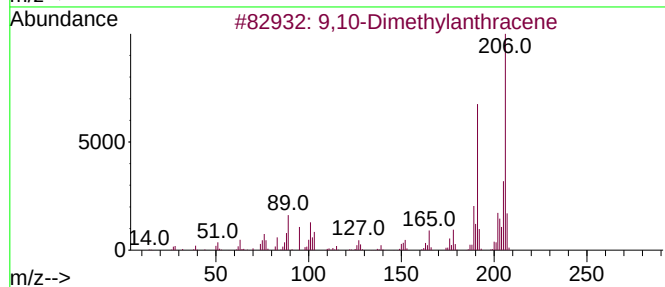
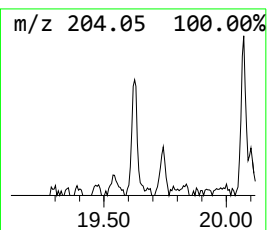
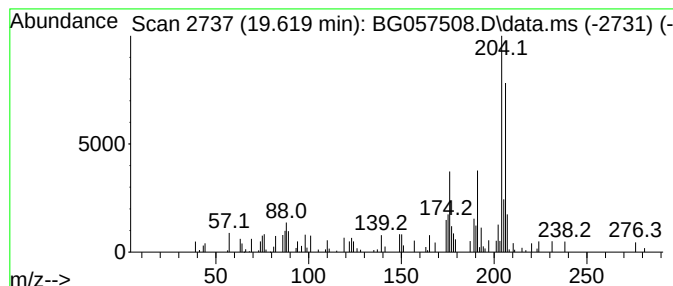
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,2-dihydro-4-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.619	3.15 ng	50283	Phenanthrene-d10	17.710

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	64	
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	50	
3	Phenanthrene-9-carboxaldehyde	206	C15H10O	004707-71-5	46	
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46	
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	46	



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
Operator : CG/JU
Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-280

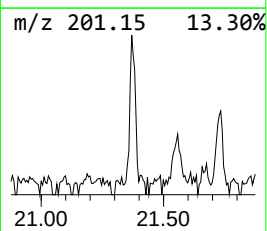
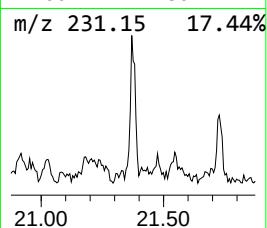
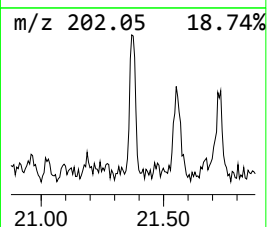
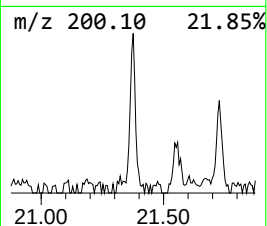
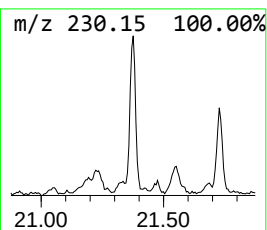
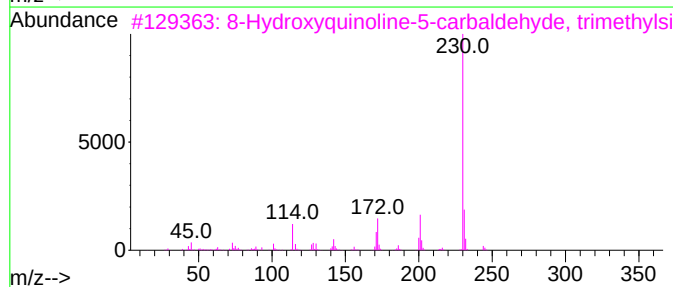
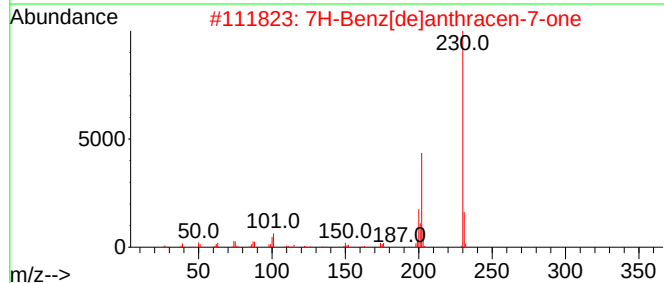
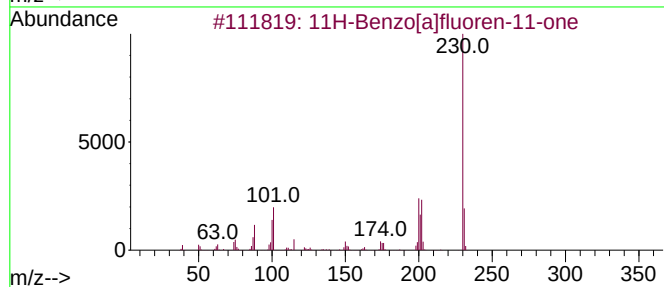
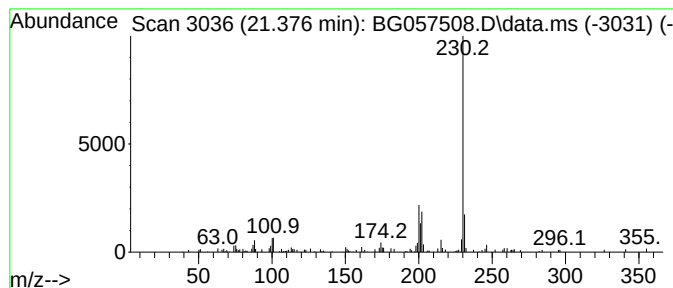
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.375	3.43 ng	82777	Chrysene-d12	22.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
3			8-Hydroxyquinoline-5-carbaldehyd...	245	C13H15NO2Si	1010463-63-7	64
4			benzonitrile, 2-(3-isoquinoliny)-	230	C16H10N2	1000401-00-3	59
5			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
Operator : CG/JU
Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-280

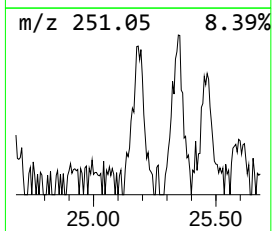
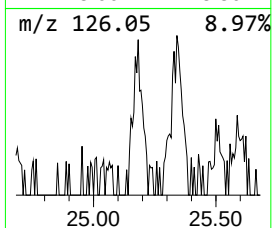
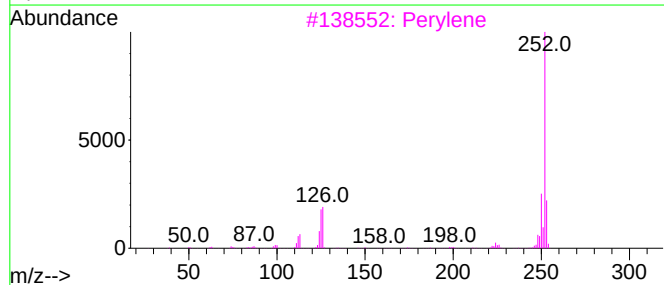
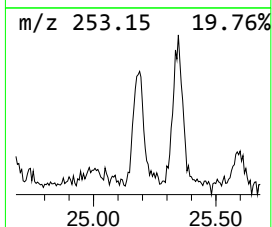
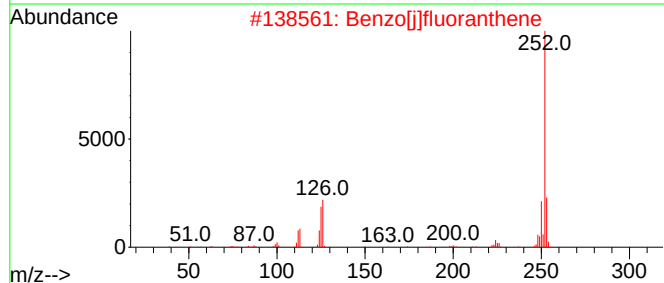
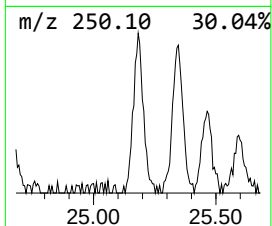
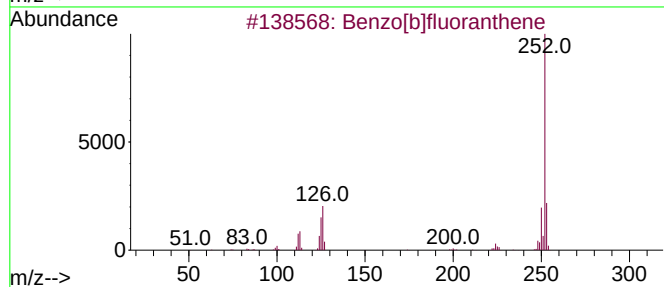
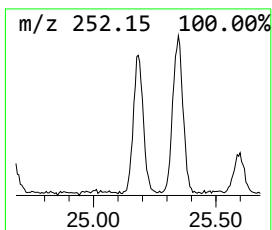
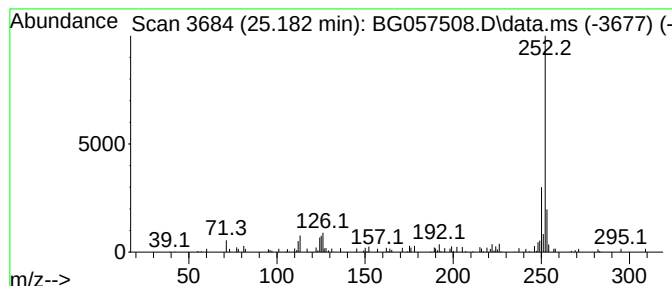
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.182	5.24 ng	85505	Perylene-d12	25.517

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
3			Perylene	252	C20H12	000198-55-0	76
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5			Benzo[a]pyrene	252	C20H12	000050-32-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
Data File : BG057508.D
Acq On : 23 May 2023 00:50
Operator : CG/JU
Sample : 02864-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-280

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.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-...	5.385	4.9	ng	32720	1	8.358	133580	20.0
Hexadecane	11.113	3.4	ng	31206	2	11.189	186106	20.0
Octane, 2,3,7-t...	12.153	4.2	ng	39069	2	11.189	186106	20.0
10-Methylnonade...	12.540	4.4	ng	41020	2	11.189	186106	20.0
Octane, 2,3,3-t...	13.756	3.5	ng	45297	3	14.967	256991	20.0
Naphthalene, 2,...	14.291	3.2	ng	40727	3	14.967	256991	20.0
Nonadecane	14.814	3.6	ng	46866	3	14.967	256991	20.0
Dodecane	15.760	5.6	ng	71963	3	14.967	256991	20.0
3-Trifluorometh...	16.006	5.2	ng	66785	3	14.967	256991	20.0
Benzophenone	16.300	7.8	ng	100544	3	14.967	256991	20.0
9H-Fluoren-9-one	17.363	3.3	ng	53422	4	17.710	319723	20.0
Phenanthrene, 1...	18.573	4.3	ng	68530	4	17.710	319723	20.0
Phenanthrene, 2...	18.620	8.4	ng	134286	4	17.710	319723	20.0
Anthracene, 2-m...	18.761	5.6	ng	90235	4	17.710	319723	20.0
5,16[1',2']:8,1...	19.061	5.5	ng	88441	4	17.710	319723	20.0
9,10-Dimethylan...	19.472	4.0	ng	64723	4	17.710	319723	20.0
Naphthalene, 1,...	19.619	3.1	ng	50283	4	17.710	319723	20.0
11H-Benzo[a]flu...	21.375	3.4	ng	82777	5	22.016	483021	20.0
Benzo[j]fluoran...	25.182	5.2	ng	85505	6	25.517	326361	20.0