

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055990.D
 Acq On : 15 Dec 2022 23:59
 Operator : CG/JU
 Sample : N6066-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ORA-1509

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-BG121322.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055990.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.411	16	21	31	rBB	16756	27402	5.48%	0.629%
2	5.421	358	363	371	rBB	13739	21256	4.25%	0.488%
3	5.897	438	444	452	rBB	125217	206323	41.26%	4.734%
4	7.512	712	719	727	rBB	131712	226661	45.32%	5.201%
5	8.382	861	867	874	rBB2	29613	49743	9.95%	1.141%
6	9.557	1059	1067	1074	rBV	78189	141124	28.22%	3.238%
7	11.214	1343	1349	1354	rBV	40204	71584	14.31%	1.643%
8	11.267	1354	1358	1364	rVB	17652	29612	5.92%	0.679%
9	12.577	1576	1581	1587	rBV2	4674	7016	1.40%	0.161%
10	12.842	1621	1626	1632	rVB	25055	39292	7.86%	0.902%
11	13.059	1656	1663	1669	rVB	12778	20537	4.11%	0.471%
12	13.617	1751	1758	1766	rBV	238274	365546	73.10%	8.388%
13	13.793	1781	1788	1790	rBV2	5784	8448	1.69%	0.194%
14	13.823	1790	1793	1800	rVB	9678	14692	2.94%	0.337%
15	14.028	1822	1828	1835	rBB2	3296	6024	1.20%	0.138%
16	14.158	1844	1850	1851	rBV3	7087	10341	2.07%	0.237%
17	14.310	1871	1876	1881	rBV3	11567	19418	3.88%	0.446%
18	14.363	1881	1885	1889	rVB3	6917	10534	2.11%	0.242%
19	14.440	1896	1898	1902	rVB2	5481	6189	1.24%	0.142%
20	14.551	1912	1917	1921	rBV5	6091	10903	2.18%	0.250%
21	14.710	1940	1944	1953	rBV6	4328	8678	1.74%	0.199%
22	14.851	1964	1968	1972	rVB2	4665	6060	1.21%	0.139%
23	14.951	1977	1985	1986	rBV4	6752	11102	2.22%	0.255%
24	14.986	1986	1991	1997	rVV	76526	124434	24.88%	2.855%
25	15.051	1997	2002	2008	rVB	45664	71445	14.29%	1.639%
26	15.186	2019	2025	2032	rVB3	5378	10892	2.18%	0.250%
27	15.380	2047	2058	2065	rVB2	37516	65865	13.17%	1.511%
28	15.450	2065	2070	2074	rBV2	8888	14523	2.90%	0.333%
29	15.591	2090	2094	2099	rBV3	7395	13364	2.67%	0.307%
30	15.644	2099	2103	2107	rVB2	5564	8661	1.73%	0.199%
31	15.768	2115	2124	2126	rBV5	5713	14241	2.85%	0.327%
32	15.797	2126	2129	2133	rVB2	10124	13420	2.68%	0.308%
33	15.932	2149	2152	2157	rVB4	4417	6970	1.39%	0.160%
34	16.026	2162	2168	2179	rVV	31164	59155	11.83%	1.357%
35	16.196	2192	2197	2201	rVB5	11182	18388	3.68%	0.422%
36	16.226	2201	2202	2207	rVB4	5532	6253	1.25%	0.143%

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37	16.296	2209	2214	2215	rBV4	4314	7236	1.45%	0.166%
38	16.314	2215	2217	2225	rVB6	8390	16384	3.28%	0.376%
39	16.420	2232	2235	2237	rBV3	5219	5261	1.05%	0.121%
40	16.467	2237	2243	2251	rVV	289858	441530	88.29%	10.132%
41	16.531	2251	2254	2260	rVB7	2966	5090	1.02%	0.117%
42	16.684	2270	2280	2288	rBV3	22185	51143	10.23%	1.174%
43	16.825	2301	2304	2307	rVB5	5865	8014	1.60%	0.184%
44	17.007	2328	2335	2337	rBV8	7442	15906	3.18%	0.365%
45	17.084	2343	2348	2351	rVB6	9013	13397	2.68%	0.307%
46	17.160	2358	2361	2368	rVB6	7703	15067	3.01%	0.346%
47	17.236	2368	2374	2376	rBV6	7344	13941	2.79%	0.320%
48	17.377	2394	2398	2402	rVB7	4982	7489	1.50%	0.172%
49	17.448	2406	2410	2414	rVV5	10601	17290	3.46%	0.397%
50	17.501	2415	2419	2423	rVV2	16412	27316	5.46%	0.627%
51	17.542	2423	2426	2433	rVB2	11322	18724	3.74%	0.430%
52	17.724	2446	2457	2461	rBV	93734	157445	31.48%	3.613%
53	17.771	2461	2465	2470	rVB	99191	152579	30.51%	3.501%
54	17.859	2475	2480	2485	rBV	26371	41730	8.34%	0.958%
55	17.988	2500	2502	2509	rVB7	5105	7798	1.56%	0.179%
56	18.118	2519	2524	2530	rBV3	16008	28179	5.63%	0.647%
57	18.182	2533	2535	2542	rVB5	9739	16508	3.30%	0.379%
58	18.312	2546	2557	2561	rBV9	8152	24609	4.92%	0.565%
59	18.453	2577	2581	2586	rBV8	8820	15793	3.16%	0.362%
60	18.576	2597	2602	2609	rBV2	34248	87305	17.46%	2.003%
61	18.641	2609	2613	2618	rVB	32180	50095	10.02%	1.150%
62	18.723	2623	2627	2632	rVB3	10633	15870	3.17%	0.364%
63	18.788	2632	2638	2642	rBV2	27410	56210	11.24%	1.290%
64	19.075	2684	2687	2692	rBV3	12765	19181	3.84%	0.440%
65	19.269	2714	2720	2722	rBV5	21047	46147	9.23%	1.059%
66	19.487	2753	2757	2762	rBV	30170	47196	9.44%	1.083%
67	19.757	2798	2803	2808	rBV	126162	185647	37.12%	4.260%
68	20.086	2856	2859	2860	rBV2	17157	22213	4.44%	0.510%
69	20.115	2861	2864	2871	rVB	109382	166498	33.29%	3.821%
70	20.180	2872	2875	2880	rVB	21237	31595	6.32%	0.725%
71	20.297	2890	2895	2900	rBV	367985	500096	100.00%	11.476%
72	21.044	3019	3022	3027	rBV5	20178	27822	5.56%	0.638%
73	22.037	3183	3191	3196	rBV3	91417	247511	49.49%	5.680%

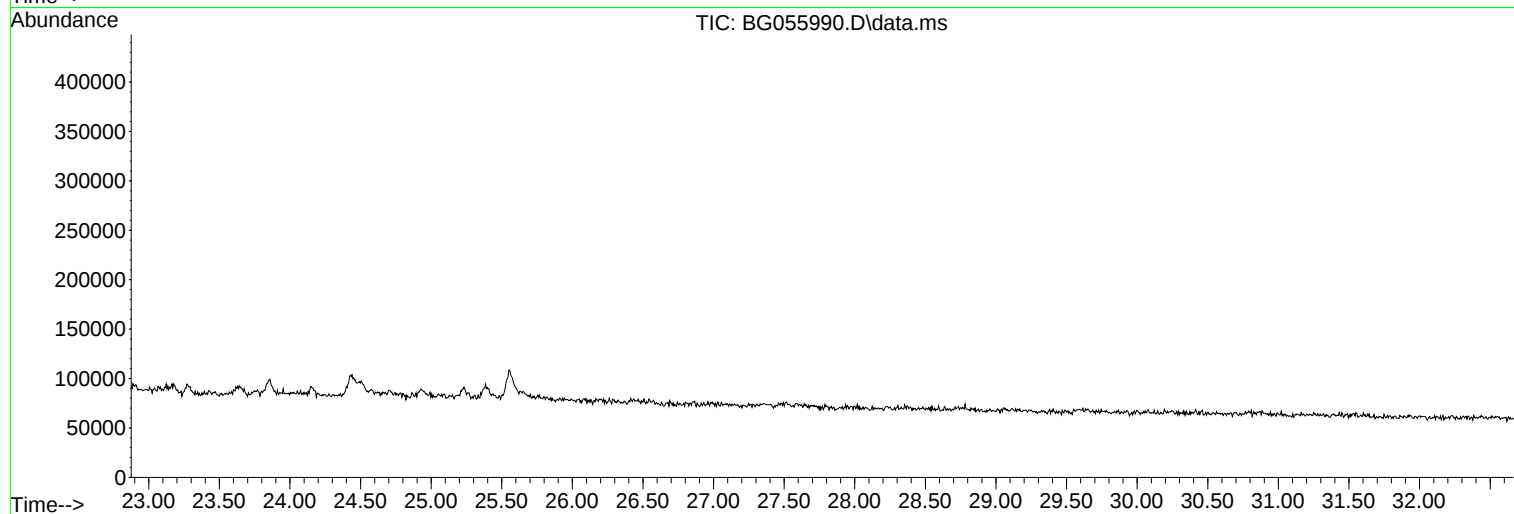
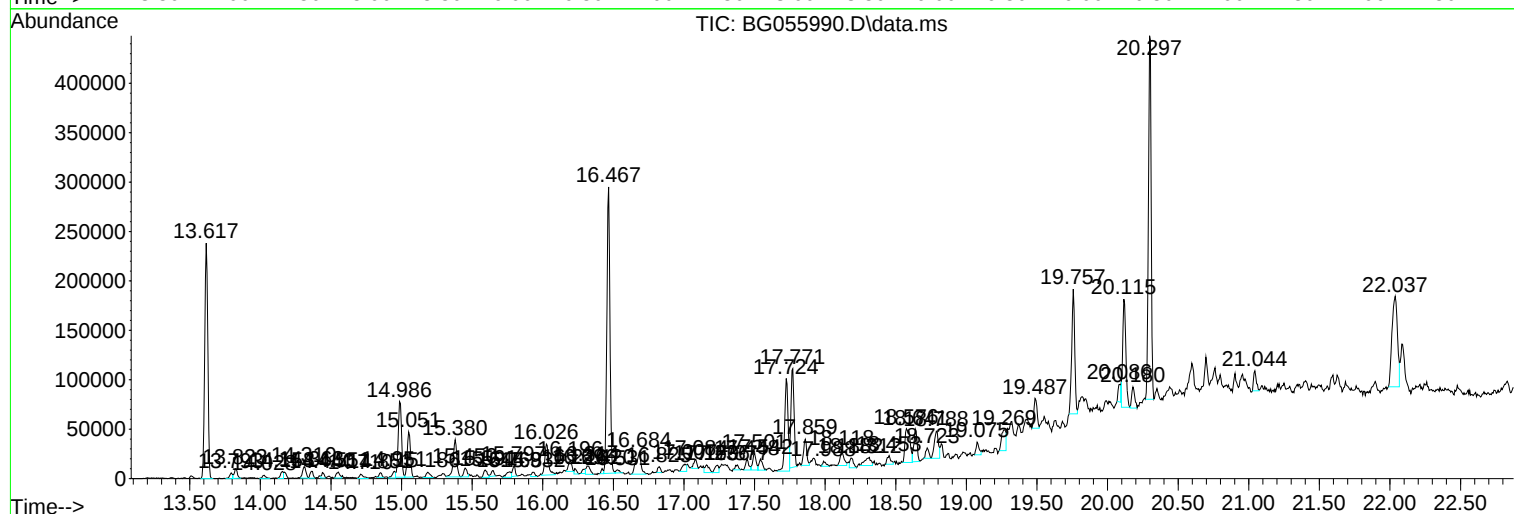
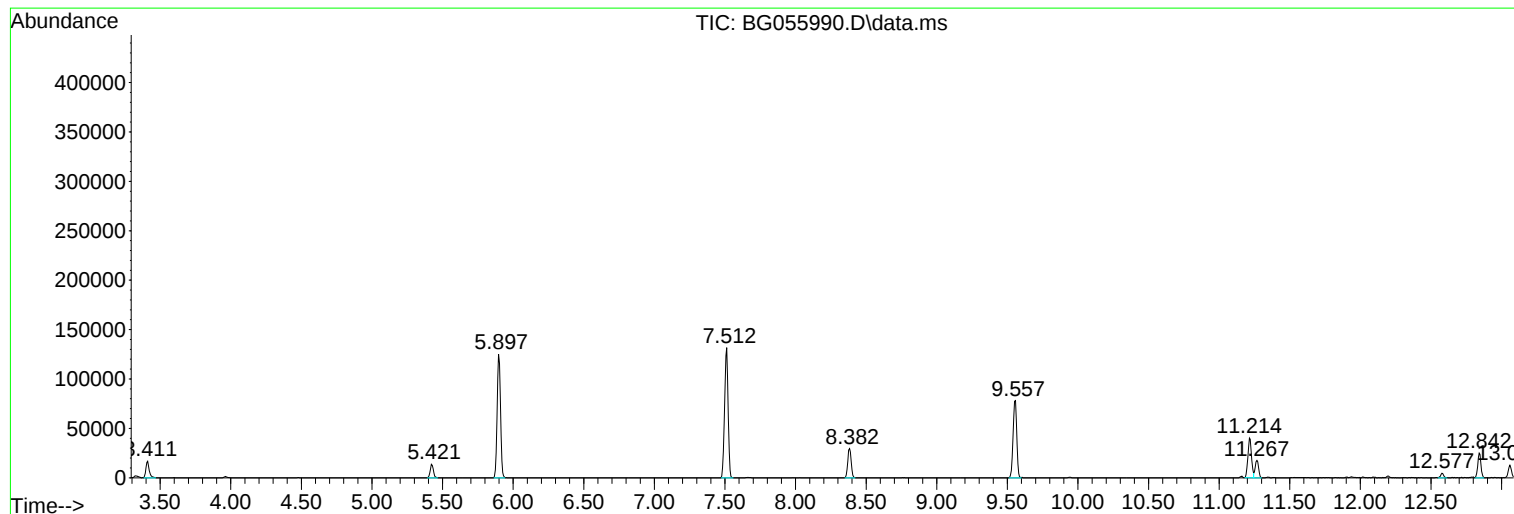
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BNA_G
ClientSampleId :
ORA-1509

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ORA-1509

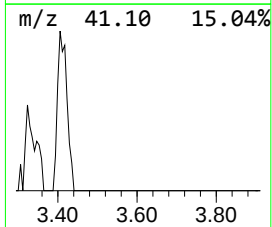
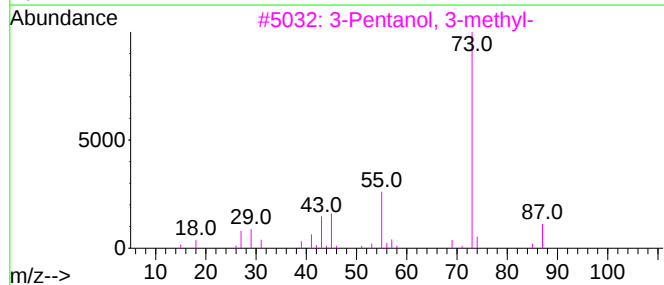
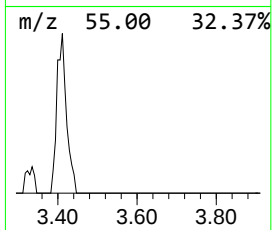
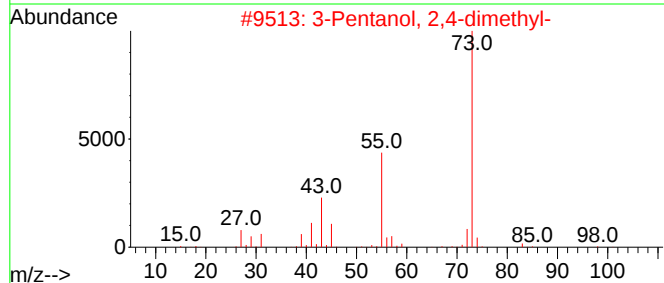
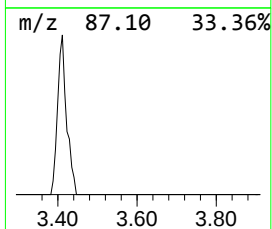
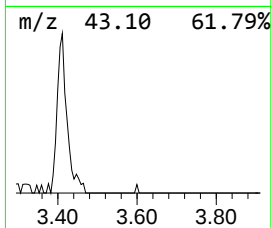
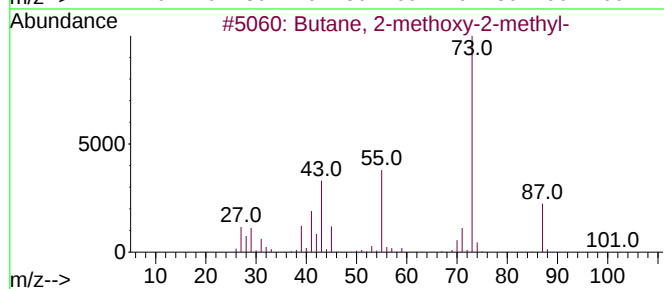
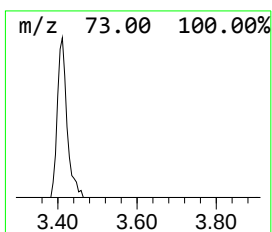
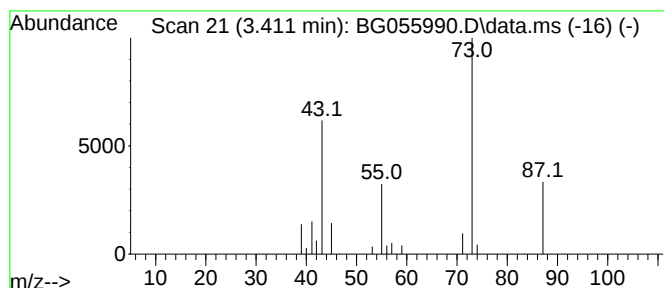
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.411	11.02 ng	27402	1,4-Dichlorobenzene-d4	8.382

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
4			3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	9
5			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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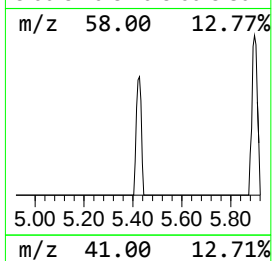
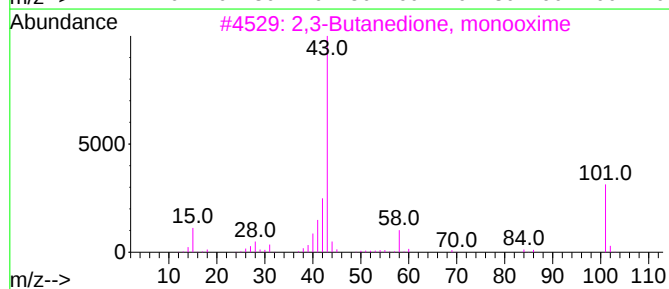
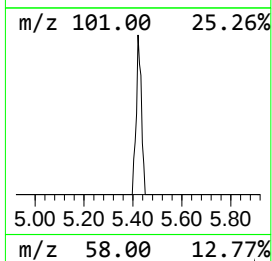
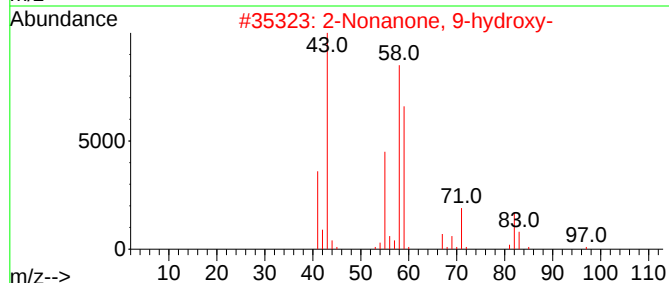
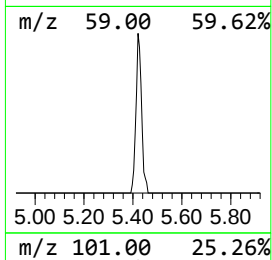
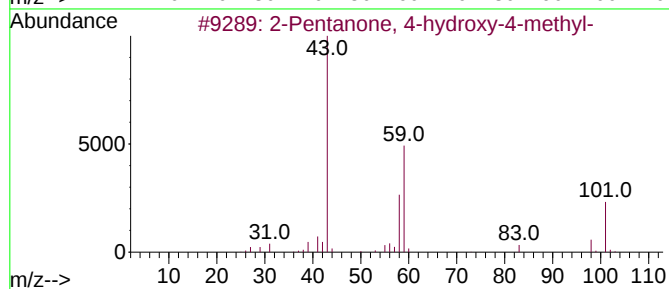
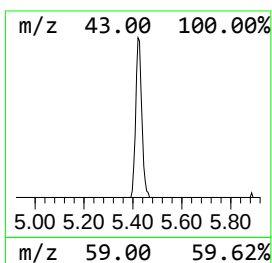
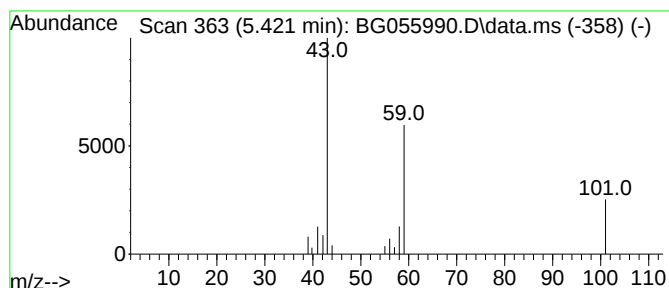
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.421	8.55 ng	21256	1,4-Dichlorobenzene-d4	8.382

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Butane	58	C4H10	000106-97-8	9
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



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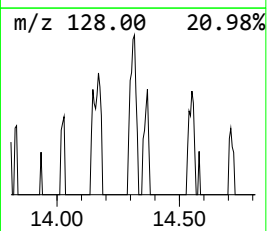
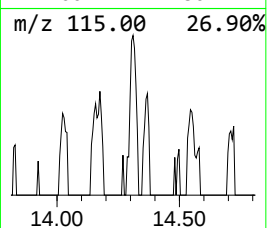
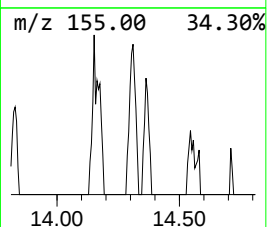
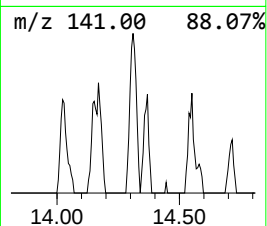
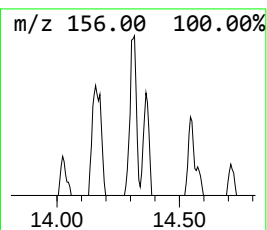
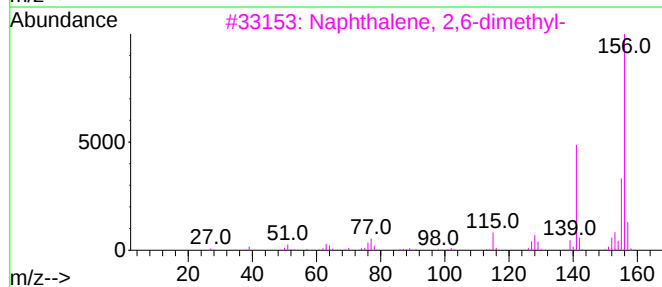
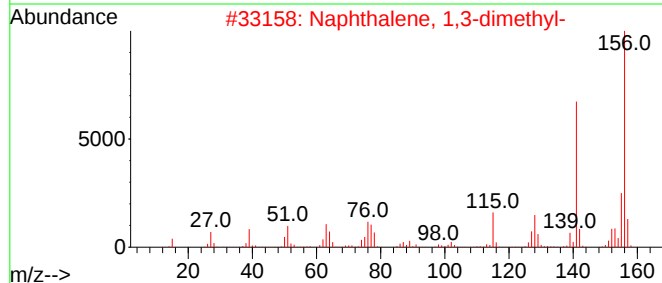
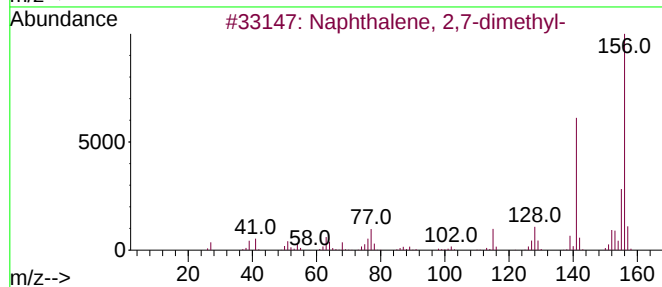
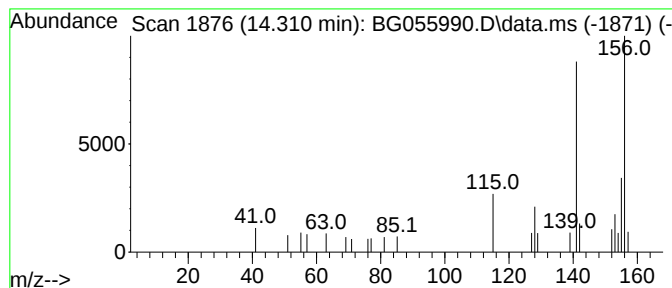
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.310	3.12 ng	19418	Acenaphthene-d10		14.986	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-		156	C12H12	000582-16-1	94
2	Naphthalene, 1,3-dimethyl-		156	C12H12	000575-41-7	93
3	Naphthalene, 2,6-dimethyl-		156	C12H12	000581-42-0	91
4	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	87
5	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	87



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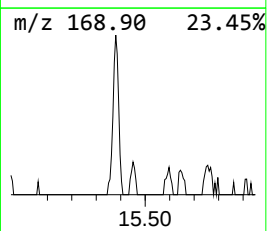
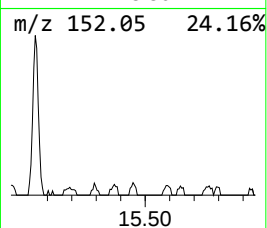
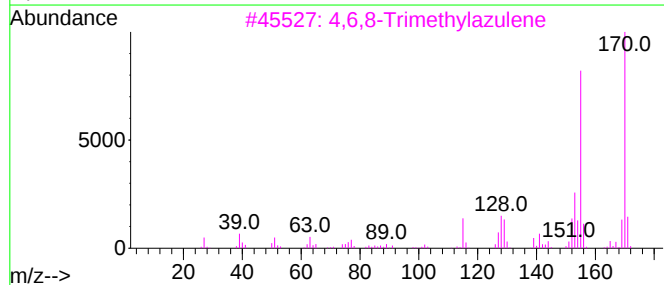
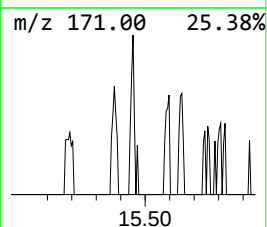
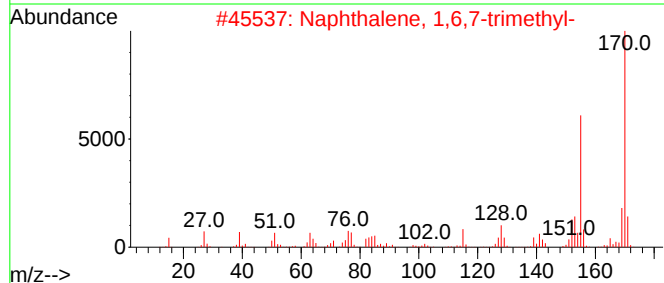
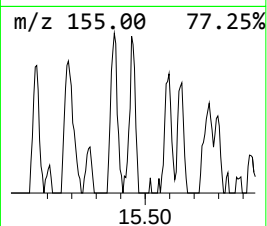
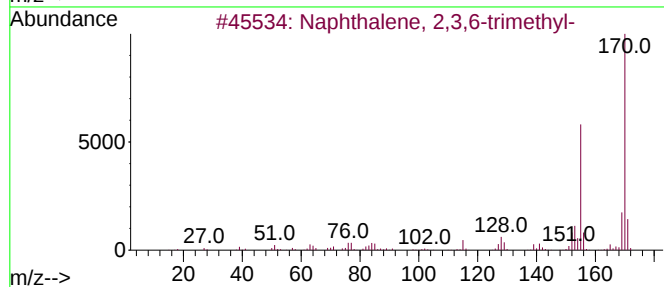
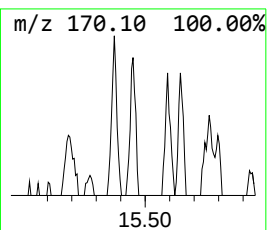
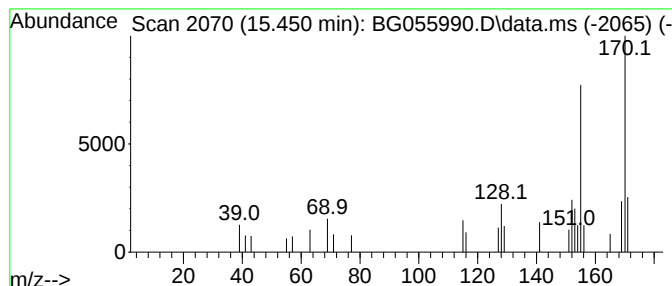
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.450	2.33 ng	14523	Acenaphthene-d10	14.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ORA-1509

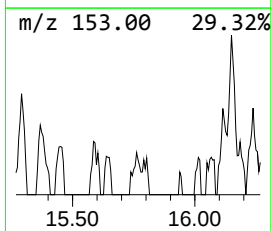
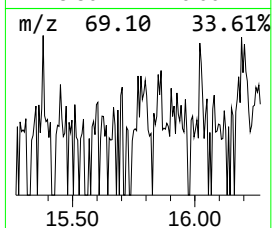
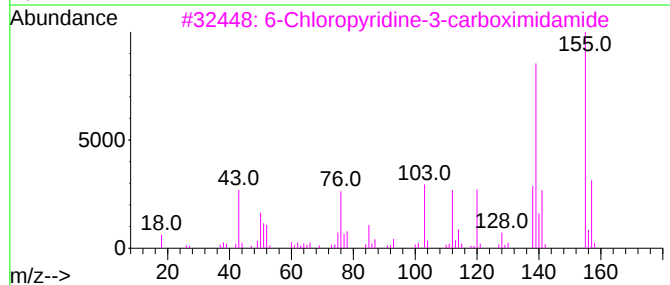
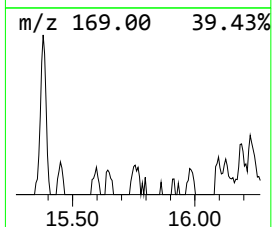
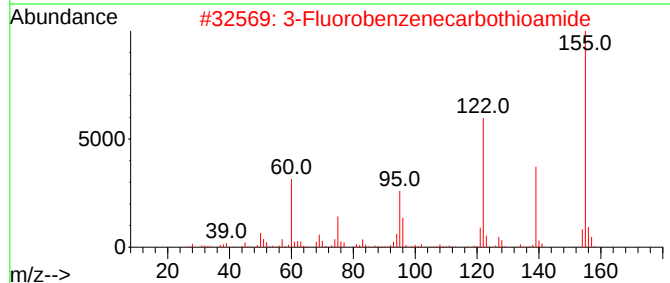
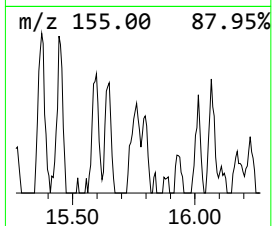
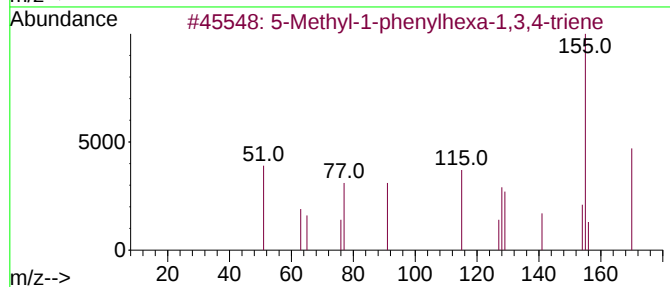
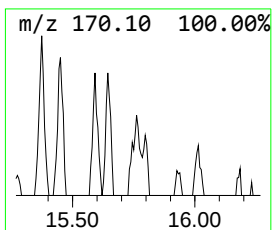
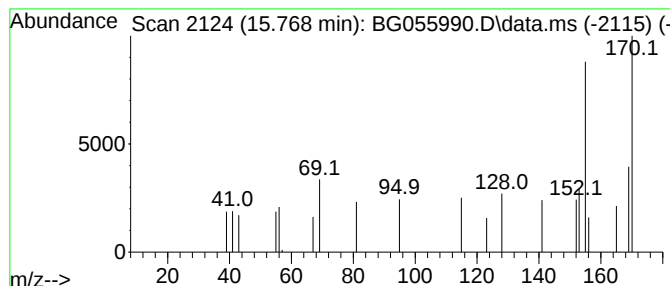
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown15.768 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.768	2.29 ng	14241	Acenaphthene-d10	14.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Methyl-1-phenylhexa-1,3,4-triene	170	C13H14	103240-79-5	12
2			3-Fluorobenzenecarbothioamide	155	C7H6FNS	072505-20-5	9
3			6-Chloropyridine-3-carboximidamide	155	C6H6ClN3	201937-26-0	9
4			3-Pyridinol, 6-methyl-2-(methylt...	155	C7H9NOS	023003-25-0	7
5			4,6-Dimethyl-3-methoxy-5-oxo-4,5...	155	C6H9N3O2	062764-60-7	7



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
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Sample : N6066-03
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ClientSampleId :
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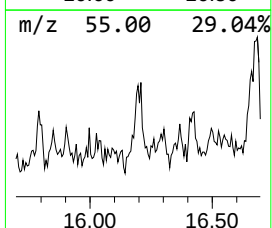
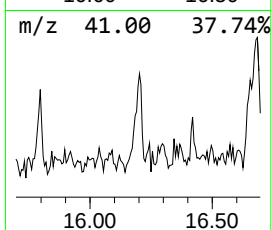
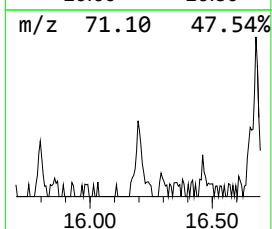
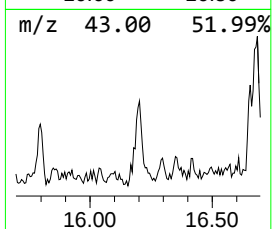
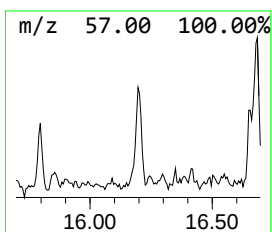
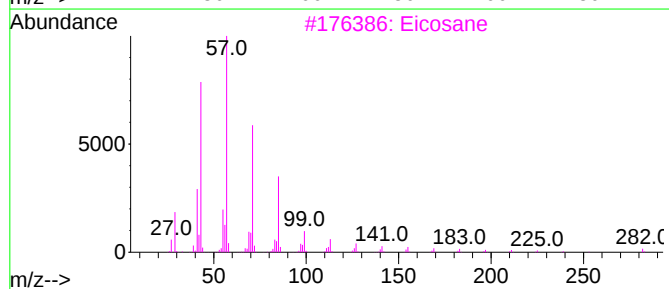
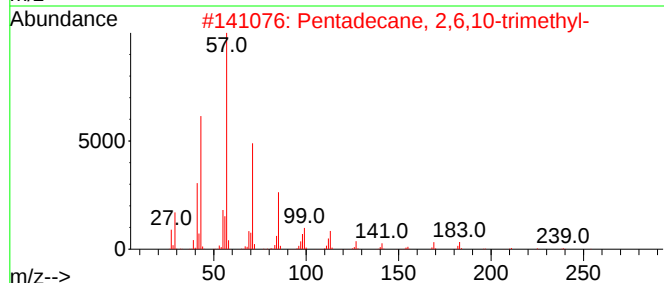
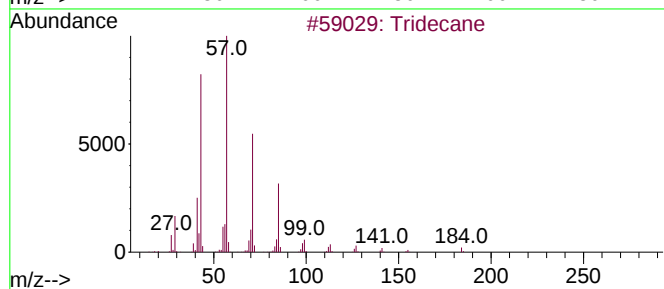
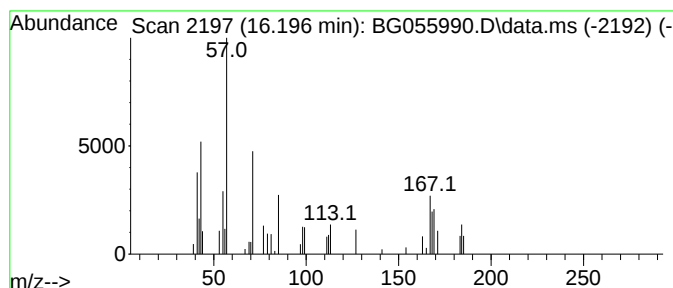
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown16.196 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.196	2.96 ng	18388	Acenaphthene-d10	14.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	38
2			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	38
3			Eicosane	282	C20H42	000112-95-8	35
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	35
5			Decane, 2-methyl-	156	C11H24	006975-98-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
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Operator : CG/JU
Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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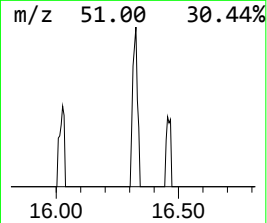
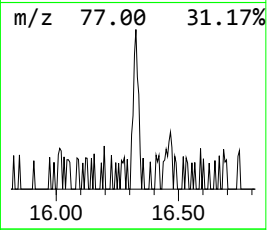
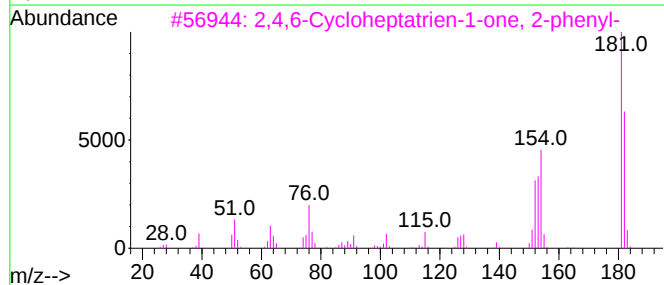
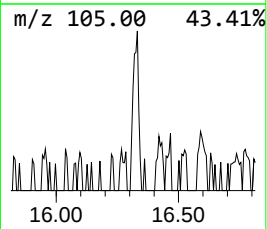
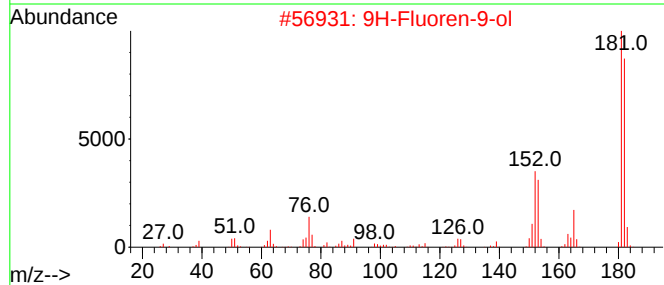
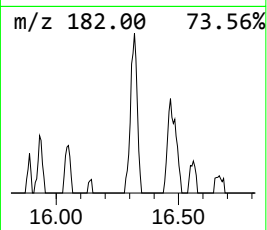
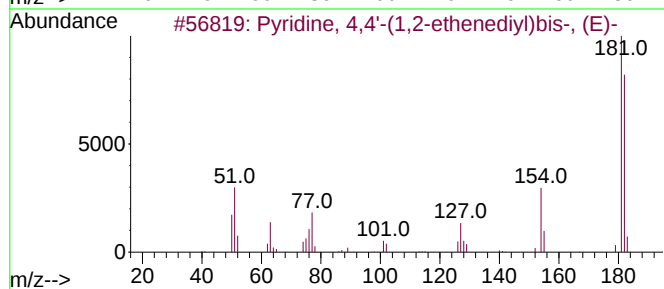
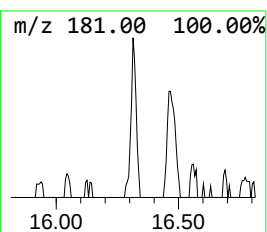
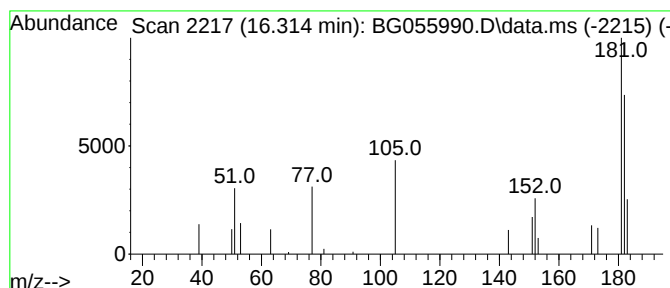
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyridine, 4,4'-(1,2-ethened... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.314	2.63 ng	16384	Acenaphthene-d10	14.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	53
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	53
3			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	53
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	42
5			1,4-Benzodioxin, 2,3-dihydro-6-n...	181	C8H7NO4	016498-20-7	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
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Operator : CG/JU
Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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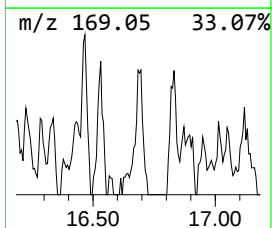
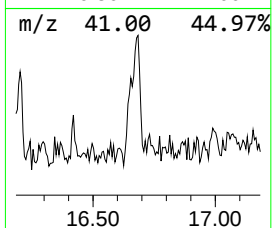
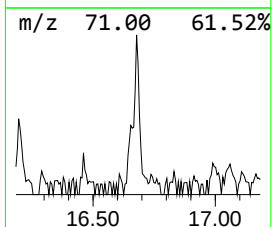
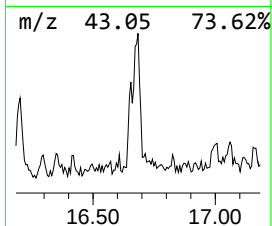
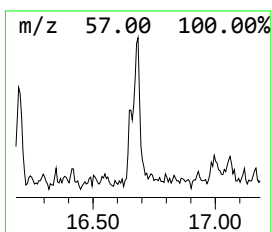
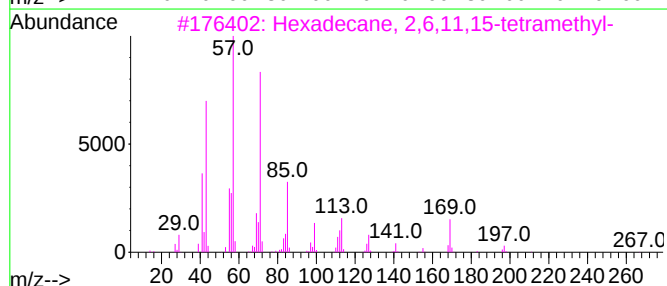
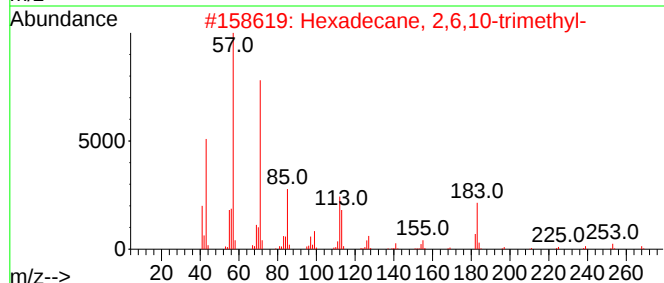
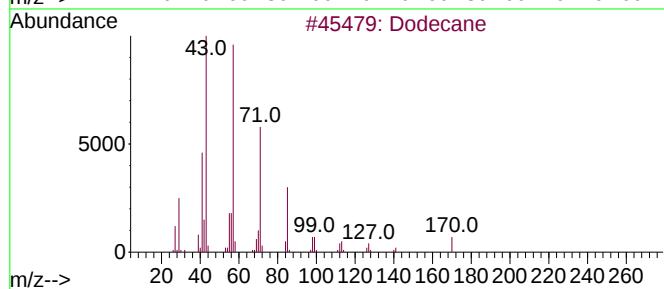
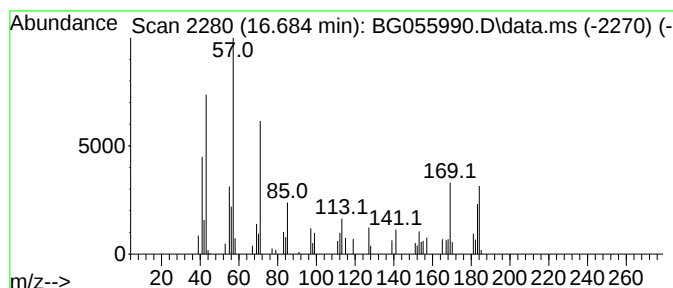
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown16.684 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.684	6.50 ng	51143	Phenanthrene-d10	17.724

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	42
2		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	38
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	38
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35
5		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
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Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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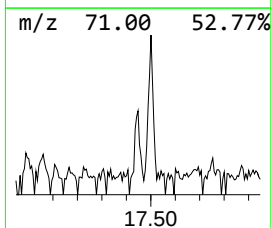
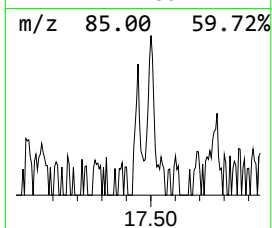
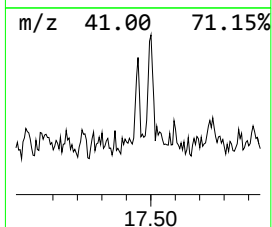
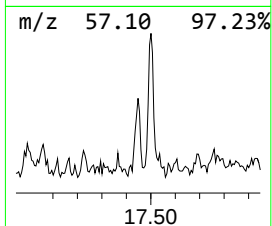
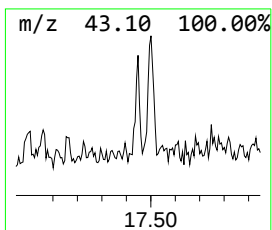
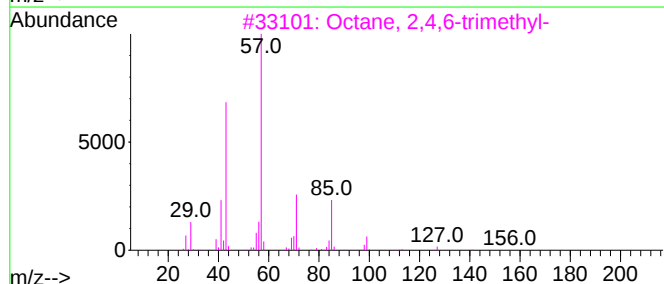
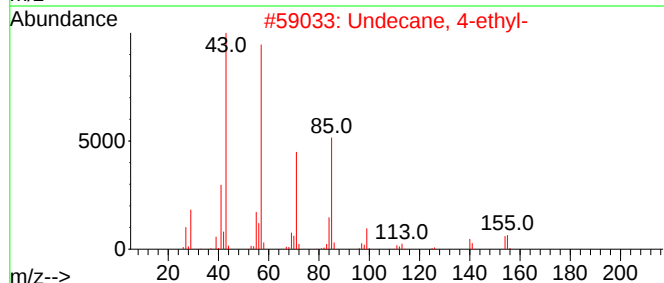
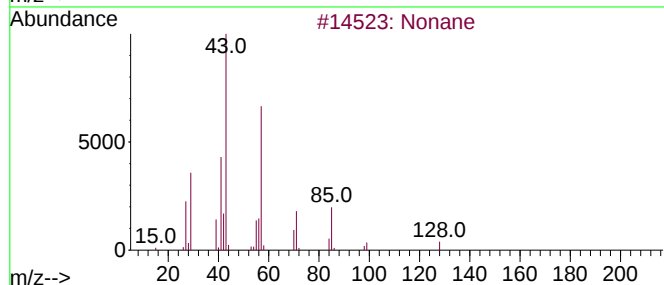
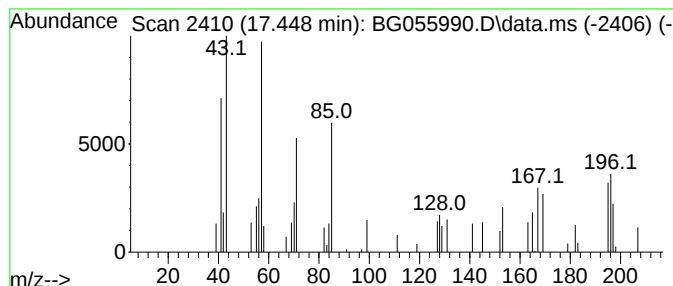
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown17.448 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.448	2.20 ng	17290	Phenanthrene-d10	17.724

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	25
2			Undecane, 4-ethyl-	184	C13H28	017312-59-3	22
3			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	22
4			Decane, 1-iodo-	268	C10H21I	002050-77-3	22
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
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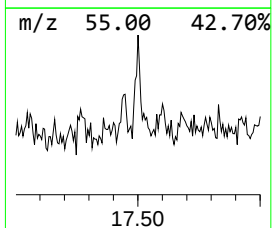
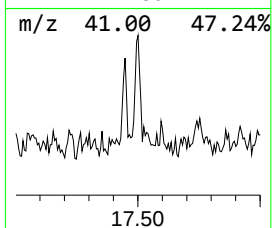
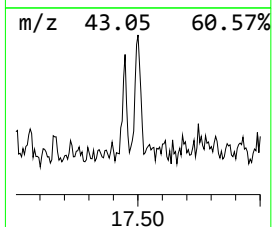
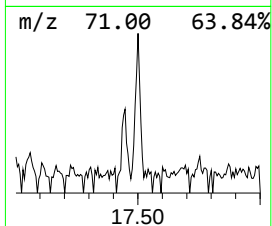
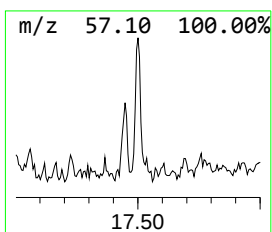
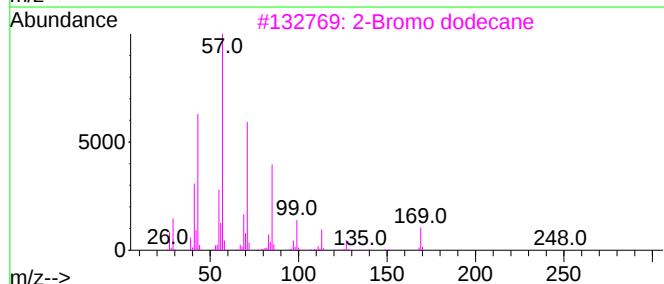
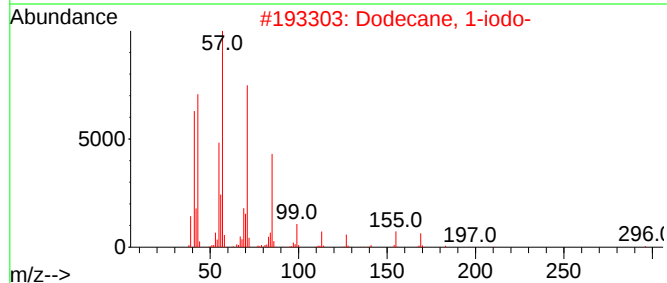
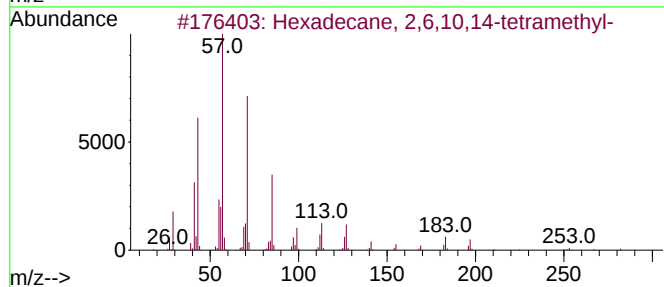
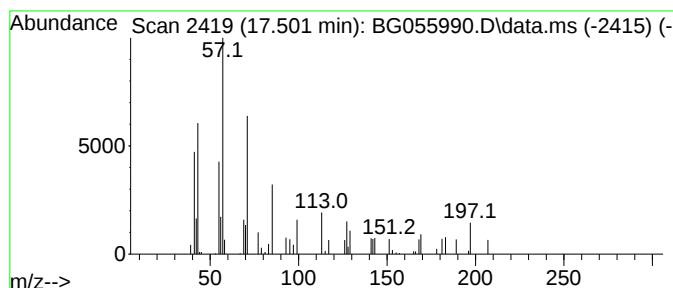
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.501	3.47 ng	27316	Phenanthrene-d10	17.724	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	53
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	50
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
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ALS Vial : 18 Sample Multiplier: 1

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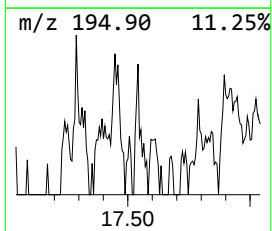
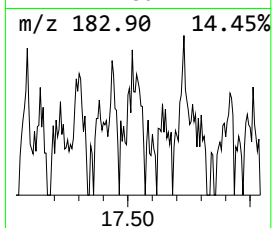
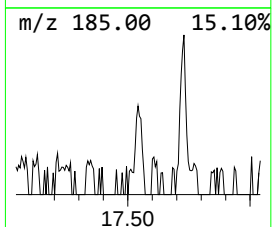
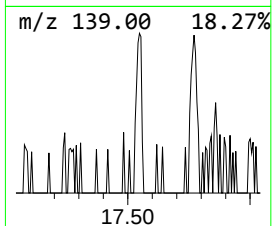
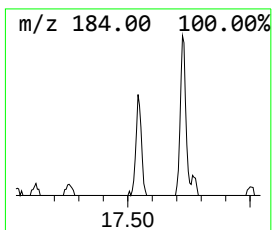
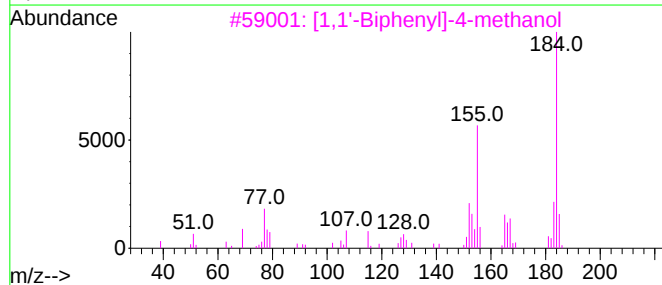
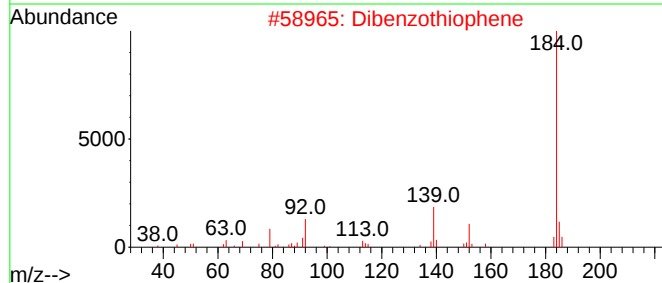
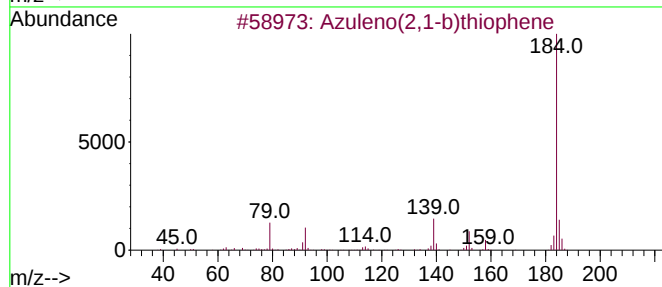
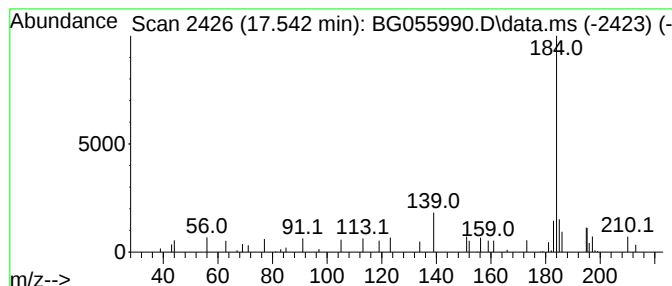
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Azuleno(2,1-b)thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.542	2.38 ng	18724	Phenanthrene-d10	17.724

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	59
2		Dibenzothiophene	184	C12H8S	000132-65-0	53
3		[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	50
4		1,4-Benzenediamine, N-phenyl-	184	C12H12N2	000101-54-2	50
5		1,2-Dihydro-5,6-acenaphthylenedi...	184	C12H12N2	003176-86-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ORA-1509

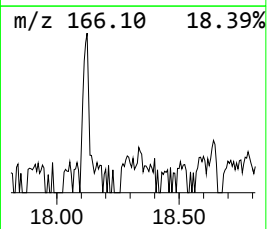
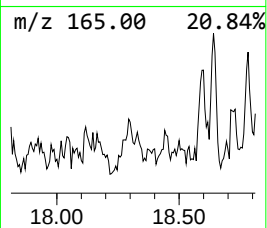
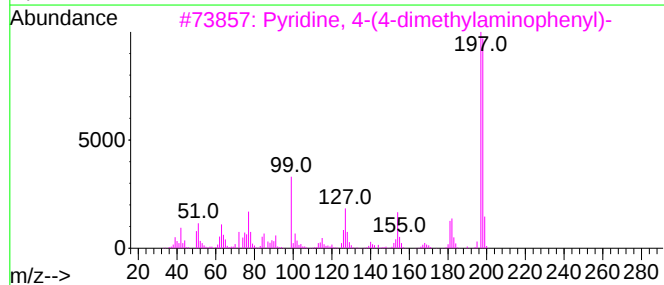
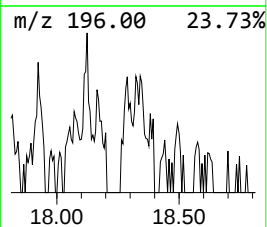
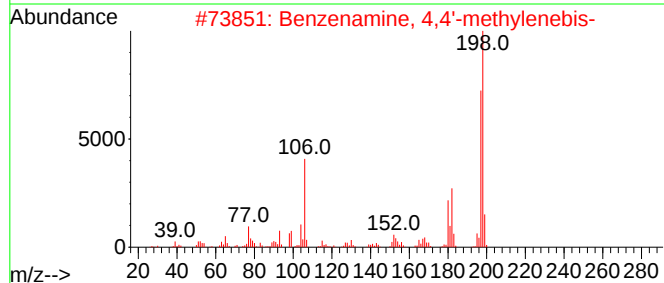
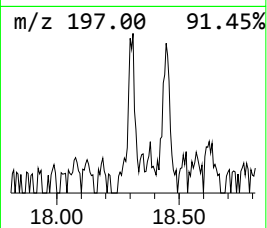
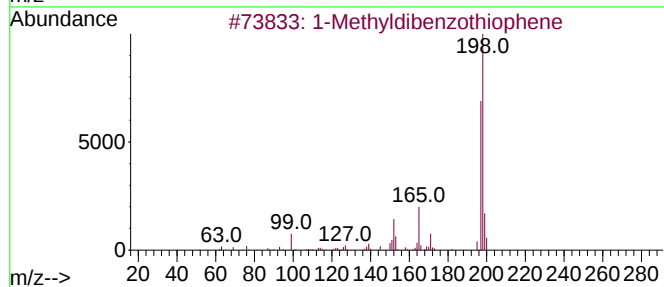
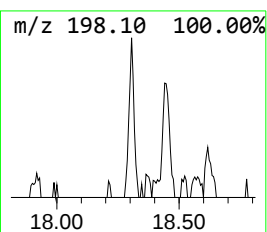
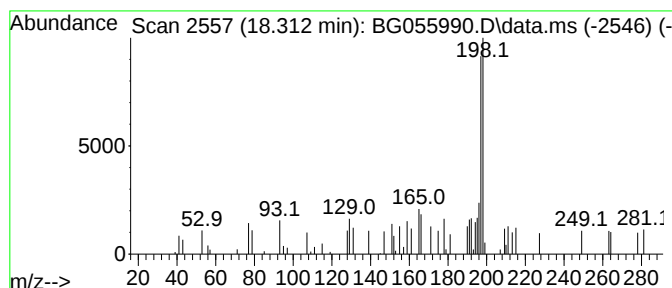
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown18.312 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.312	3.13 ng	24609	Phenanthrene-d10	17.724

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	47
2		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	40
3		Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	38
4		Benzene, 1-methoxy-4-(phenylmeth...	198	C14H14O	000834-14-0	35
5		Tacrine	198	C13H14N2	000321-64-2	33



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
Misc :
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Instrument :
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ClientSampleId :
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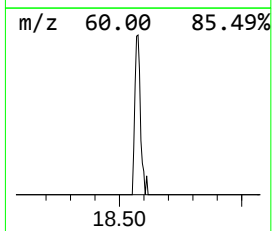
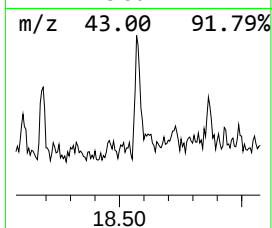
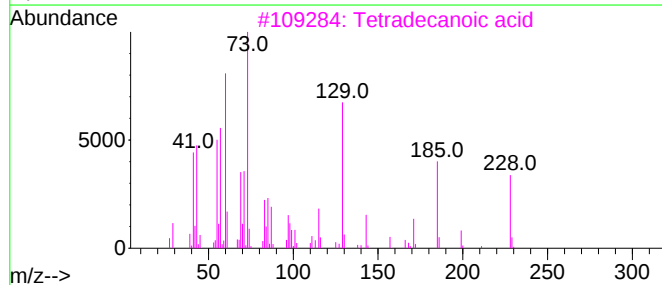
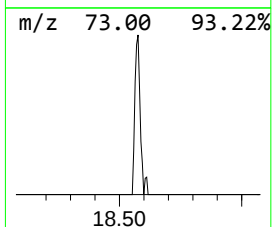
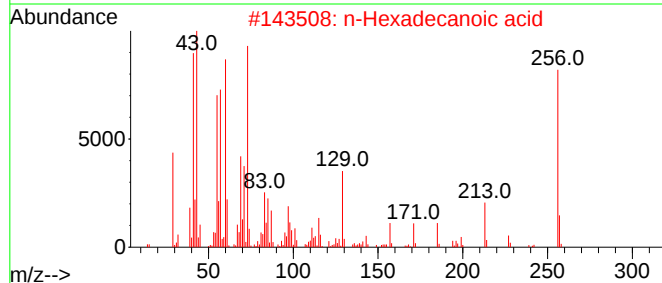
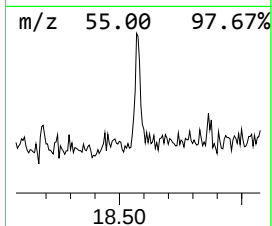
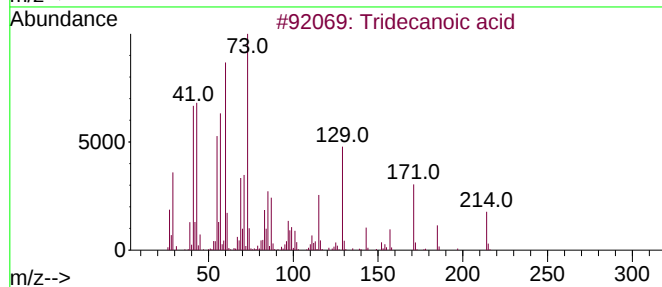
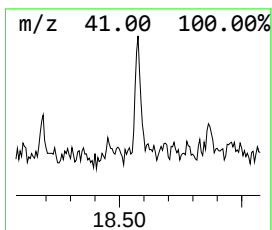
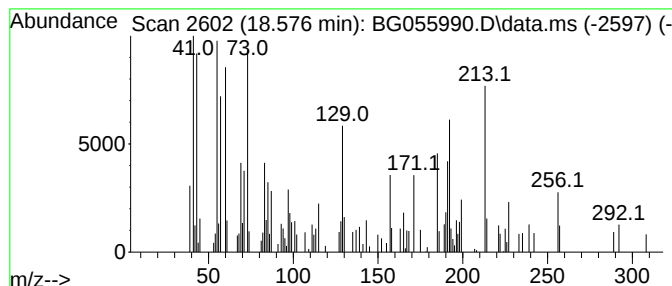
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.576	11.09 ng	87305	Phenanthrene-d10	17.724

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	92
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	27
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	25
5			Phenylethynyl p-tolyl ketone	220	C16H12O	020442-65-3	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

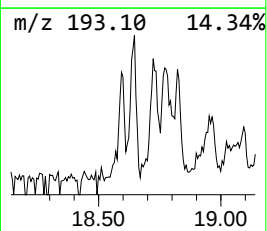
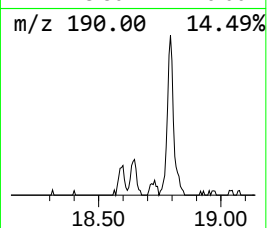
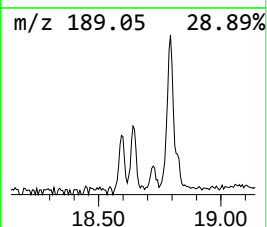
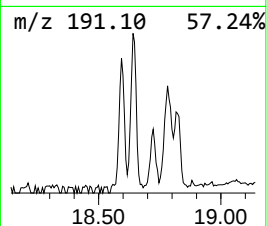
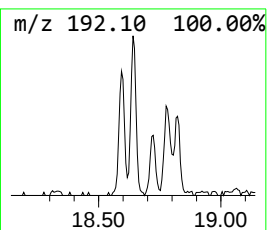
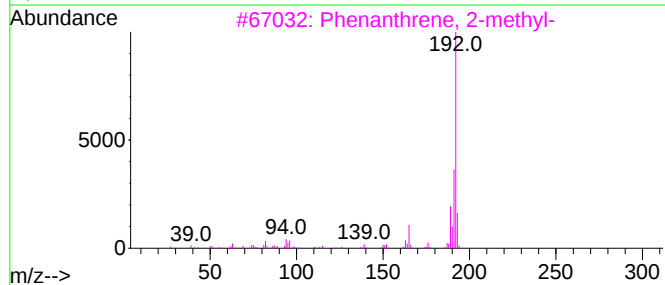
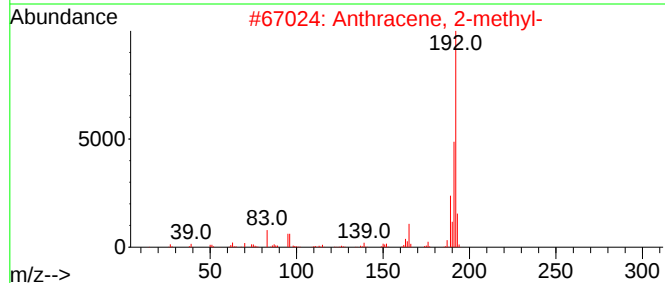
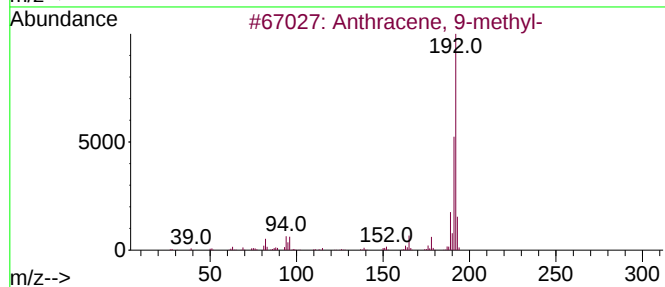
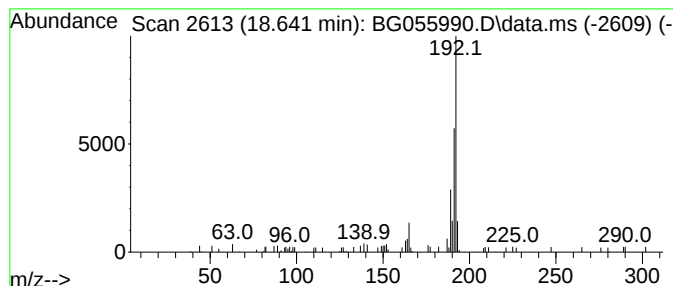
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.641	6.36 ng	50095	Phenanthrene-d10		17.724	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-		192	C15H12	000779-02-2	95
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	92
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	92
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	81
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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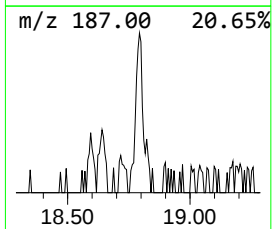
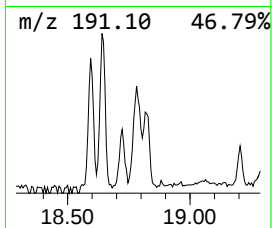
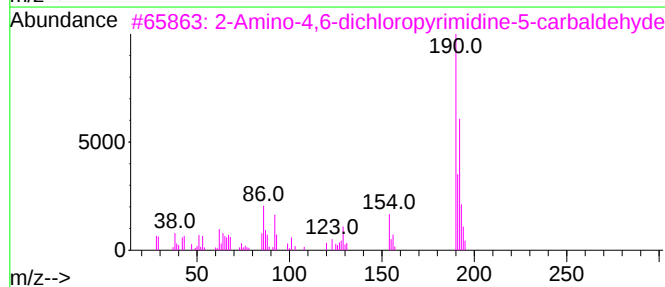
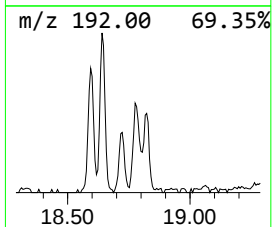
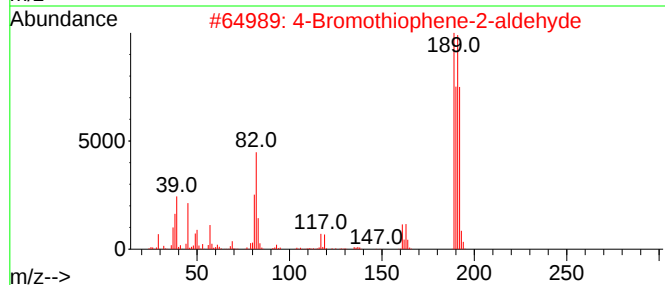
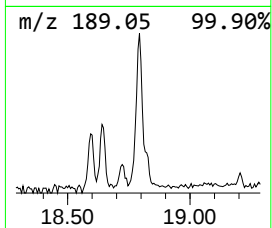
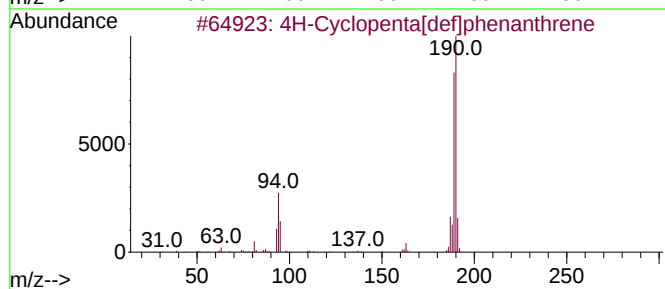
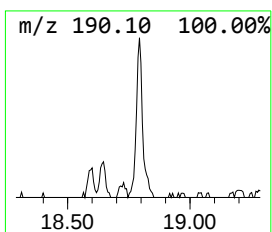
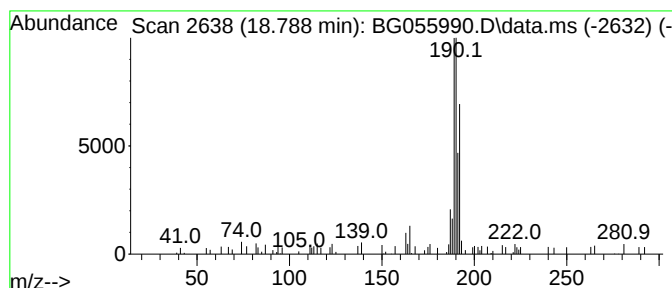
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.788	7.14 ng	56210	Phenanthrene-d10	17.724

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	50
3		2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	43
4		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5		1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
Misc :
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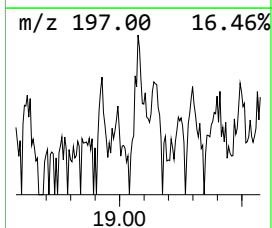
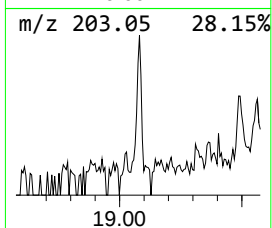
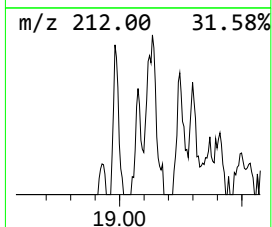
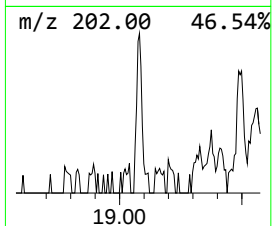
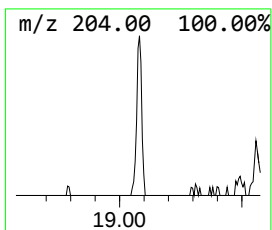
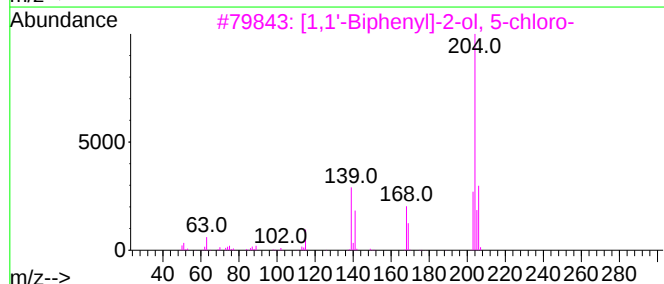
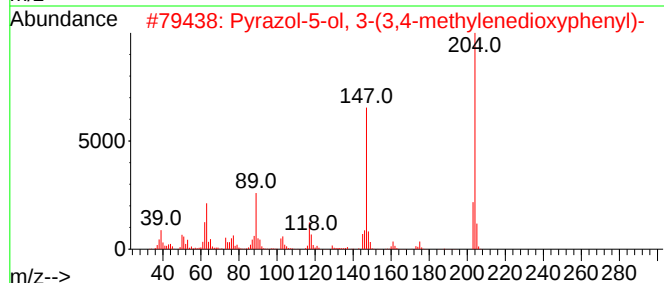
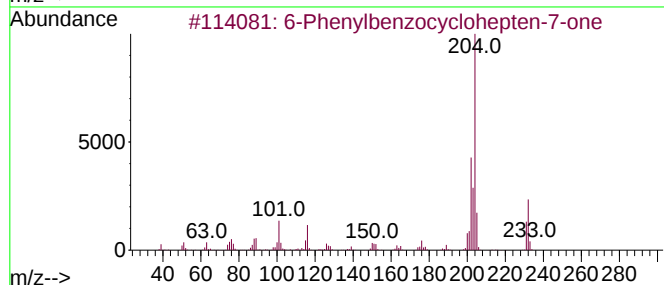
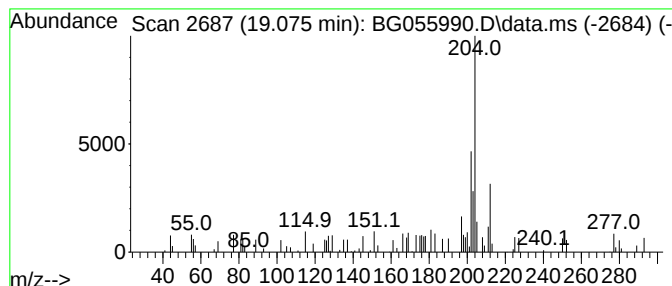
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 6-Phenylbenzocyclohepten-7-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.075	2.44 ng	19181	Phenanthrene-d10		17.724	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one		232	C17H12O	093327-56-1	53
2	Pyrazol-5-ol, 3-(3,4-methylenedi...		204	C10H8N2O3	1000271-76-1	43
3	[1,1'-Biphenyl]-2-ol, 5-chloro-		204	C12H9ClO	000607-12-5	43
4	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	38
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...		204	C16H12	006572-60-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
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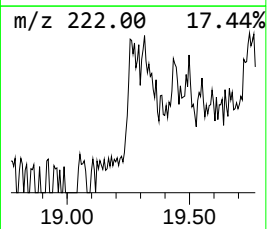
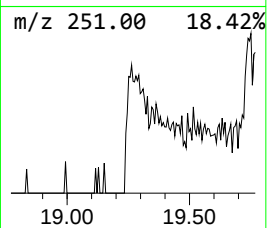
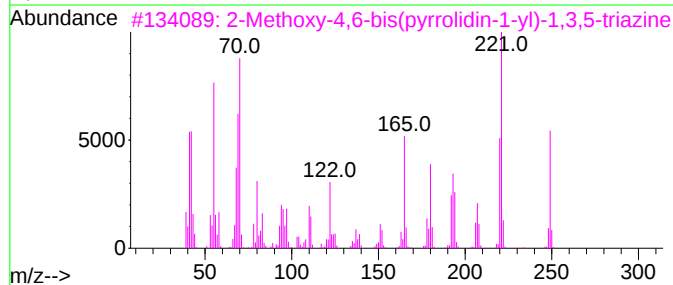
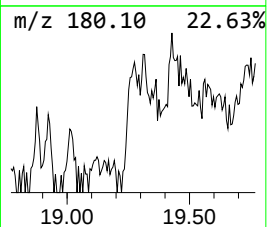
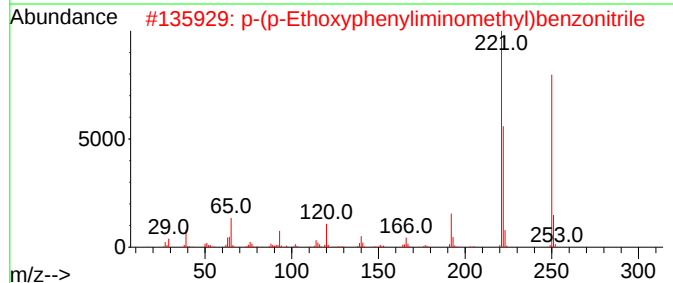
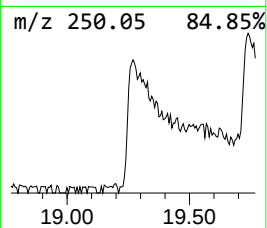
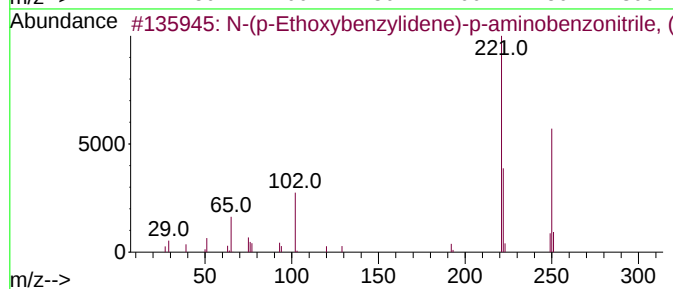
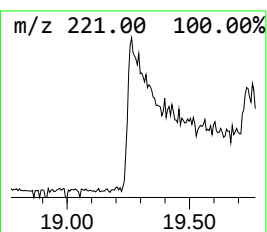
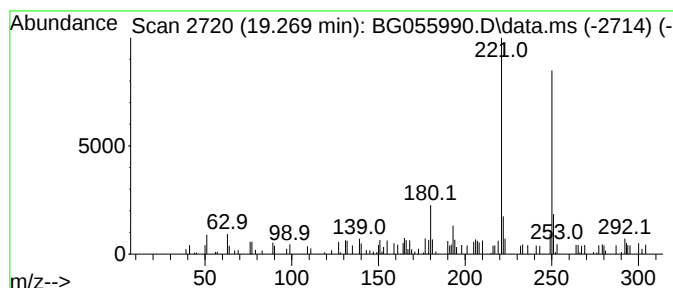
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 N-(p-Ethoxybenzylidene)-p-a... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.269	5.86 ng	46147	Phenanthrene-d10			17.724
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		N-(p-Ethoxybenzylidene)-p-aminob...	250	C16H14N2O	024742-30-1	64
2		p-(p-Ethoxyphenyliminomethyl)ben...	250	C16H14N2O	034128-02-4	58
3		2-Methoxy-4,6-bis(pyrrolidin-1-y...	249	C12H19N5O	1000386-97-1	55
4		4-Benzyl-1,2-dihydro-2-methyl-1-...	250	C16H14N2O	051107-08-5	38
5		5-Oxo-6-(p-tolyl)-1,2,3,5-tetra...	250	C16H14N2O	1000482-07-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ORA-1509

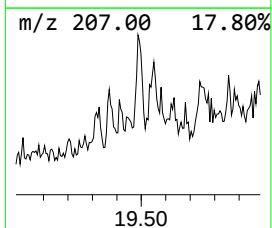
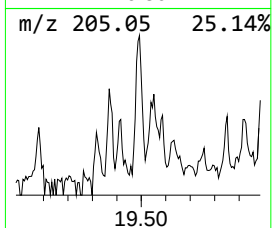
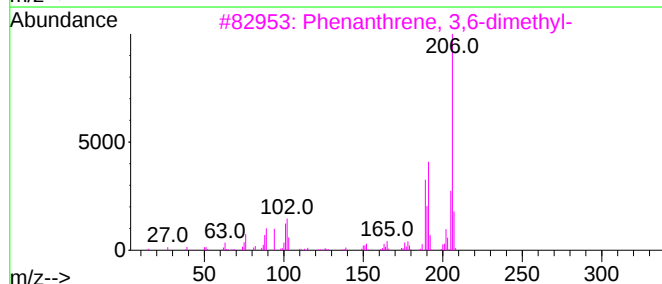
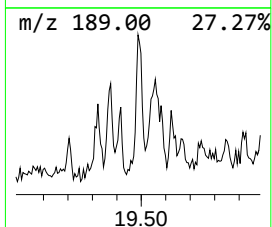
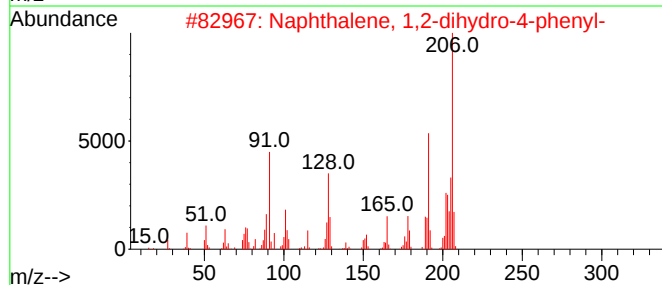
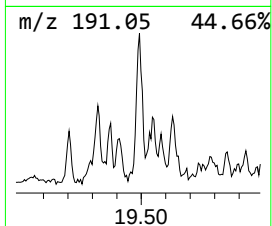
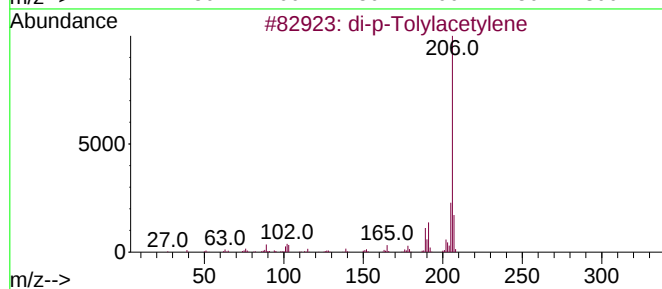
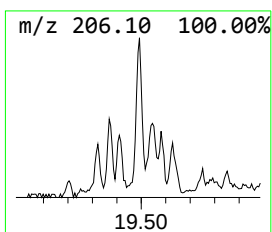
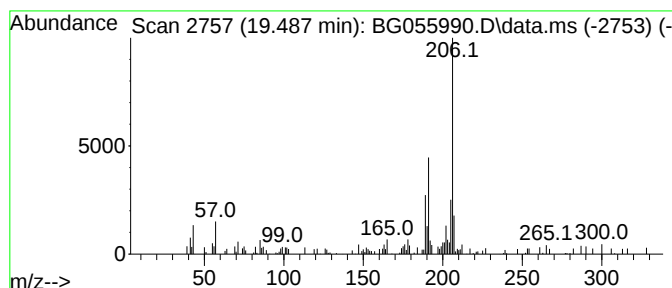
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.487	6.00 ng	47196	Phenanthrene-d10	17.724

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ORA-1509

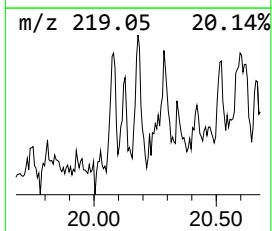
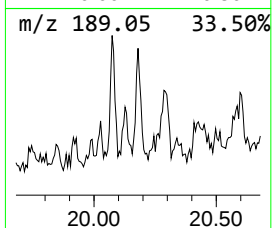
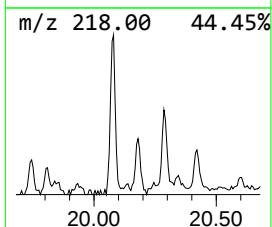
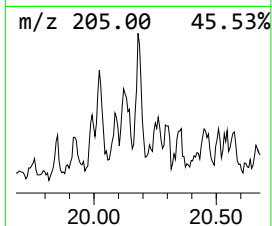
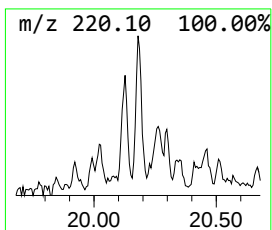
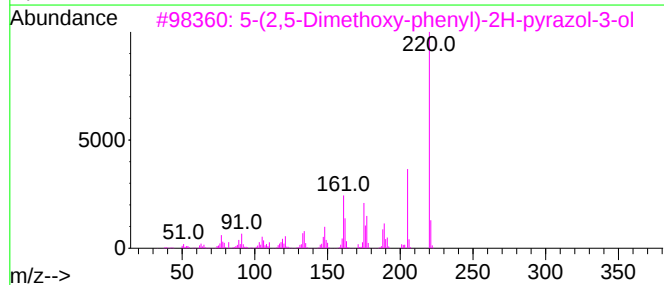
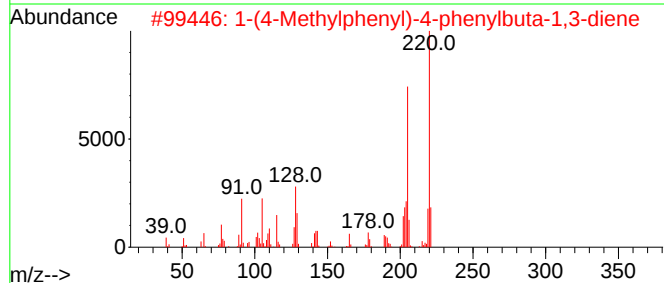
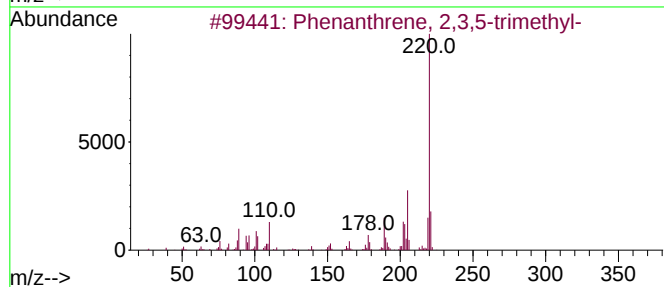
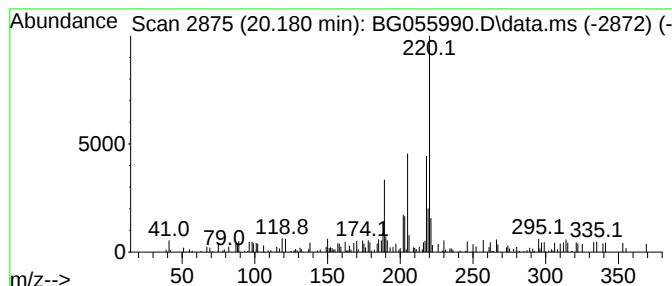
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	2.55 ng	31595	Chrysene-d12	22.037

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	70
2			1-(4-Methylphenyl)-4-phenylbuta...	220	C17H16	037985-11-8	47
3			5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	46
4			7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	43
5			Benzo[b]dihydropyran, 6-hydroxy-	220	C14H20O2	050442-70-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

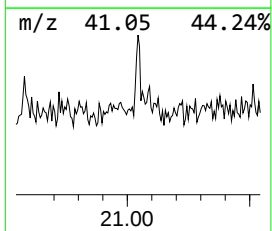
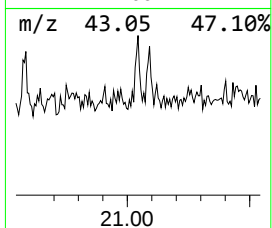
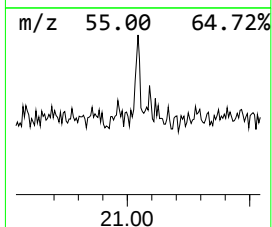
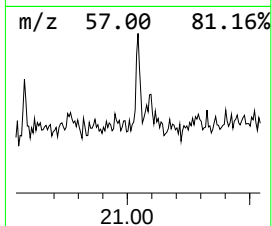
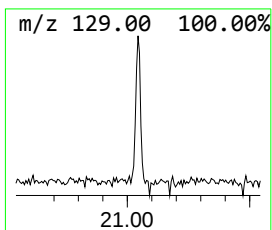
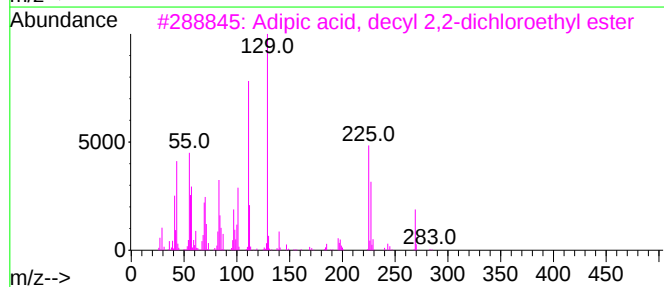
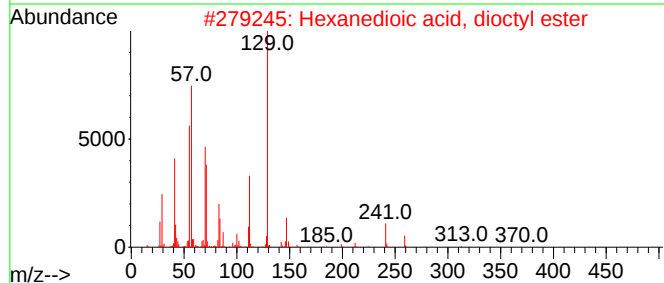
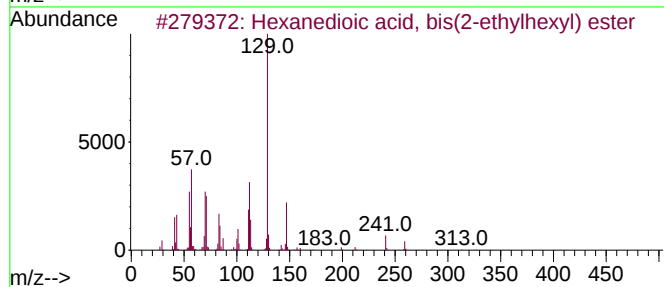
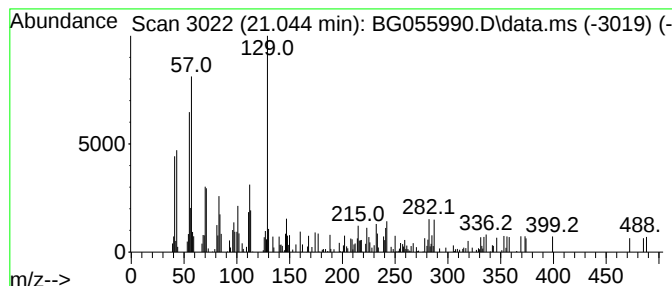
Instrument :
BNA_G
ClientSampleId :
ORA-1509

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexanedioic acid, bis(2-eth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.044	2.25 ng	27822	Chrysene-d12	22.037	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	58
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	49
3	Adipic acid, decyl 2,2-dichloroe...	382	C18H32Cl2O4	1000353-58-4	49
4	Adipic acid, cycloheptyl nonyl e...	368	C22H40O4	1000324-72-2	43
5	2,4-Difluoroaniline	129	C6H5F2N	000367-25-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055990.D
Acq On : 15 Dec 2022 23:59
Operator : CG/JU
Sample : N6066-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ORA-1509

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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
Butane, 2-metho...	3.411	11.0	ng	27402	1	8.382	49743	20.0
2-Pentanone, 4-...	5.421	8.6	ng	21256	1	8.382	49743	20.0
Naphthalene, 2,...	14.310	3.1	ng	19418	3	14.986	124434	20.0
Naphthalene, 2,...	15.450	2.3	ng	14523	3	14.986	124434	20.0
unknown15.768	15.768	2.3	ng	14241	3	14.986	124434	20.0
unknown16.196	16.196	3.0	ng	18388	3	14.986	124434	20.0
Pyridine, 4,4'-...	16.314	2.6	ng	16384	3	14.986	124434	20.0
unknown16.684	16.684	6.5	ng	51143	4	17.724	157445	20.0
unknown17.448	17.448	2.2	ng	17290	4	17.724	157445	20.0
Hexadecane, 2,6...	17.501	3.5	ng	27316	4	17.724	157445	20.0
Azuleno(2,1-b)t...	17.542	2.4	ng	18724	4	17.724	157445	20.0
unknown18.312	18.312	3.1	ng	24609	4	17.724	157445	20.0
Tridecanoic acid	18.576	11.1	ng	87305	4	17.724	157445	20.0
Anthracene, 9-m...	18.641	6.4	ng	50095	4	17.724	157445	20.0
4H-Cyclopenta[d...	18.788	7.1	ng	56210	4	17.724	157445	20.0
6-Phenylbenzocy...	19.075	2.4	ng	19181	4	17.724	157445	20.0
N-(p-Ethoxybenz...	19.269	5.9	ng	46147	4	17.724	157445	20.0
di-p-Tolylacety...	19.487	6.0	ng	47196	4	17.724	157445	20.0
Phenanthrene, 2...	20.180	2.5	ng	31595	5	22.037	247511	20.0
Hexanedioic aci...	21.044	2.3	ng	27822	5	22.037	247511	20.0