

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
 Data File : BG056630.D
 Acq On : 13 Feb 2023 22:12
 Operator : CG/JU
 Sample : 01528-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-021023

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-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056630.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.250	327	334	341	rBV	35719	61446	1.89%	0.235%
2	5.743	412	418	430	rVB	154189	268521	8.26%	1.026%
3	7.377	688	696	707	rBV	159224	279278	8.59%	1.067%
4	8.217	832	839	849	rVB	158056	269910	8.30%	1.031%
5	9.392	1032	1039	1049	rVB	98362	188205	5.79%	0.719%
6	10.432	1210	1216	1222	rBV3	16991	32834	1.01%	0.125%
7	11.049	1314	1321	1326	rBV	190158	343491	10.57%	1.312%
8	11.096	1326	1329	1334	rVV2	29136	46245	1.42%	0.177%
9	11.948	1466	1474	1479	rBV4	16018	35705	1.10%	0.136%
10	12.224	1515	1521	1527	rBV3	37543	65420	2.01%	0.250%
11	12.412	1548	1553	1561	rBV4	28694	56693	1.74%	0.217%
12	12.688	1595	1600	1607	rVB	67462	104405	3.21%	0.399%
13	12.911	1628	1638	1645	rBV3	69566	177676	5.47%	0.679%
14	13.187	1680	1685	1690	rBV7	17818	39272	1.21%	0.150%
15	13.352	1707	1713	1716	rBV5	25753	43719	1.35%	0.167%
16	13.464	1726	1732	1743	rVB	369504	575035	17.69%	2.197%
17	13.634	1752	1761	1766	rBV5	51697	97252	2.99%	0.372%
18	13.781	1781	1786	1791	rVB2	26888	47715	1.47%	0.182%
19	14.010	1815	1825	1826	rBV3	63122	114133	3.51%	0.436%
20	14.163	1846	1851	1856	rBV2	105347	178803	5.50%	0.683%
21	14.216	1856	1860	1865	rVB	65076	97747	3.01%	0.373%
22	14.286	1869	1872	1876	rVB3	38874	52779	1.62%	0.202%
23	14.345	1876	1882	1885	rBV6	19696	33484	1.03%	0.128%
24	14.404	1887	1892	1897	rBV3	69074	117359	3.61%	0.448%
25	14.568	1916	1920	1926	rBV5	39117	75296	2.32%	0.288%
26	14.697	1938	1942	1947	rVB	68235	83330	2.56%	0.318%
27	14.803	1956	1960	1962	rBV2	33908	45909	1.41%	0.175%
28	14.844	1962	1967	1973	rVV	330755	507067	15.60%	1.937%
29	14.909	1973	1978	1984	rVB	155793	239393	7.36%	0.915%
30	14.974	1985	1989	1994	rVB3	34253	58551	1.80%	0.224%
31	15.038	1995	2000	2010	rBV	40460	101543	3.12%	0.388%
32	15.126	2010	2015	2017	rBV4	20321	36437	1.12%	0.139%
33	15.238	2028	2034	2040	rVB2	191099	326211	10.04%	1.246%
34	15.308	2041	2046	2055	rBV3	76519	123340	3.79%	0.471%
35	15.449	2063	2070	2075	rBV	67906	146162	4.50%	0.558%
36	15.502	2075	2079	2083	rVB	50248	66956	2.06%	0.256%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
 Data File : BG056630.D
 Acq On : 13 Feb 2023 22:12
 Operator : CG/JU
 Sample : 01528-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-021023

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-BG012723.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.643	2092	2103	2109	rBV3	105454	241301	7.42%	0.922%
38	15.790	2125	2128	2132	rVB2	36175	45542	1.40%	0.174%
39	15.884	2138	2144	2156	rVB	186041	342296	10.53%	1.308%
40	16.013	2162	2166	2168	rBV2	26325	41263	1.27%	0.158%
41	16.043	2168	2171	2175	rVB4	73917	105272	3.24%	0.402%
42	16.084	2176	2178	2184	rVB7	23300	33462	1.03%	0.128%
43	16.143	2184	2188	2190	rBV4	32415	51449	1.58%	0.197%
44	16.178	2190	2194	2201	rVB2	97306	161673	4.97%	0.618%
45	16.331	2214	2220	2226	rBV2	284343	504909	15.53%	1.929%
46	16.501	2245	2249	2252	rBV	95555	149288	4.59%	0.570%
47	16.842	2303	2307	2308	rBV4	29578	36460	1.12%	0.139%
48	16.889	2311	2315	2320	rVV4	53822	95727	2.95%	0.366%
49	16.936	2320	2323	2328	rVV3	35800	54431	1.67%	0.208%
50	17.147	2357	2359	2367	rVB3	44287	79691	2.45%	0.304%
51	17.241	2370	2375	2380	rBV	206677	306517	9.43%	1.171%
52	17.294	2380	2384	2389	rBV2	93430	145458	4.48%	0.556%
53	17.406	2398	2403	2415	rVB	137502	242833	7.47%	0.928%
54	17.588	2428	2434	2437	rBV	398567	629209	19.36%	2.404%
55	17.635	2437	2442	2448	rVB	2171436	3250454	100.00%	12.418%
56	17.723	2452	2457	2462	rVB	405664	580906	17.87%	2.219%
57	17.988	2497	2502	2506	rBV	121116	205730	6.33%	0.786%
58	18.029	2506	2509	2516	rVB2	100019	133922	4.12%	0.512%
59	18.093	2517	2520	2524	rVB	35273	43668	1.34%	0.167%
60	18.164	2529	2532	2536	rBV	83781	104736	3.22%	0.400%
61	18.299	2553	2555	2562	rVB	39045	66348	2.04%	0.253%
62	18.458	2576	2582	2586	rBV	312506	494320	15.21%	1.888%
63	18.505	2586	2590	2596	rVB	384529	553279	17.02%	2.114%
64	18.587	2599	2604	2608	rVB	113171	175964	5.41%	0.672%
65	18.652	2609	2615	2618	rBV2	266664	549276	16.90%	2.098%
66	18.687	2618	2621	2624	rVB	131244	162772	5.01%	0.622%
67	18.939	2660	2664	2669	rBV	195542	297565	9.15%	1.137%
68	18.998	2670	2674	2680	rVB	162477	246215	7.57%	0.941%
69	19.233	2712	2714	2718	rVB	69036	76122	2.34%	0.291%
70	19.333	2727	2731	2733	rBV2	236925	320985	9.88%	1.226%
71	19.357	2733	2735	2739	rVB	235934	303890	9.35%	1.161%
72	19.509	2755	2761	2765	rBV2	155637	312680	9.62%	1.195%
73	19.580	2771	2773	2776	rBV4	68065	81715	2.51%	0.312%
74	19.627	2776	2781	2786	rVB	1916057	2723033	83.77%	10.403%
75	19.950	2832	2836	2838	rBV2	277192	405273	12.47%	1.548%
76	19.991	2838	2843	2849	rVV	1631115	2339532	71.98%	8.938%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.050	2849	2853	2858	rVV	134658	194801	5.99%	0.744%
78	20.162	2868	2872	2876	rVB2	691769	842258	25.91%	3.218%
79	21.249	3053	3057	3063	rVB	207279	324642	9.99%	1.240%
80	21.854	3154	3160	3167	rBV2	813617	2011846	61.89%	7.686%
81	21.918	3168	3171	3182	rVB	573997	970265	29.85%	3.707%

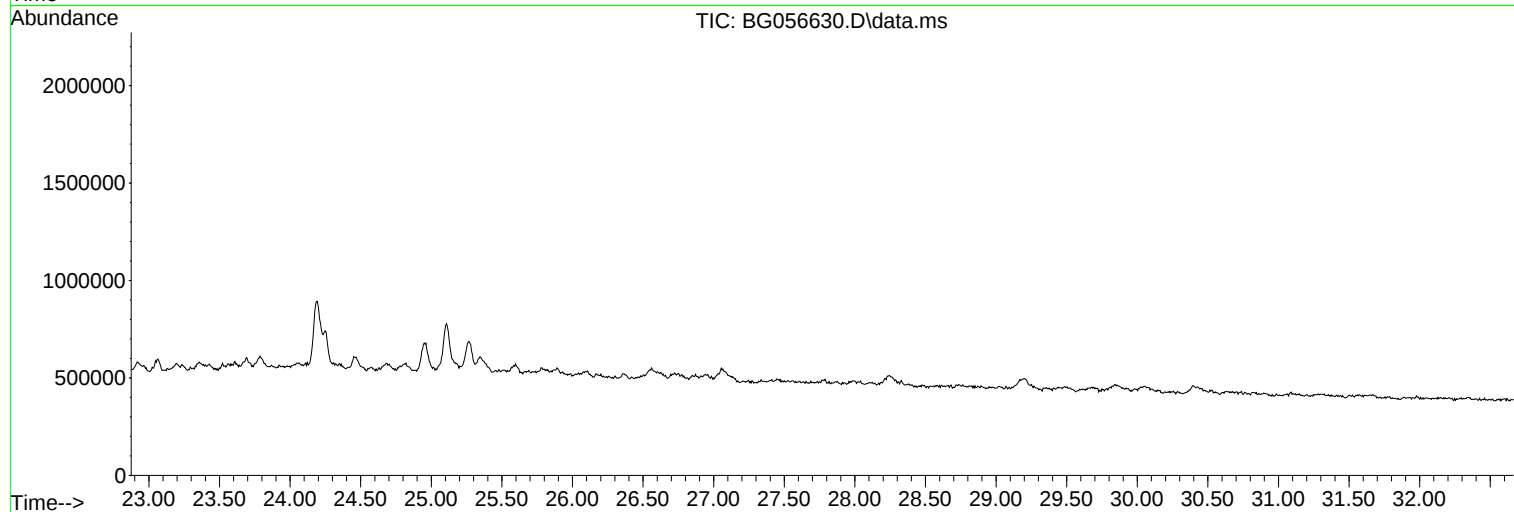
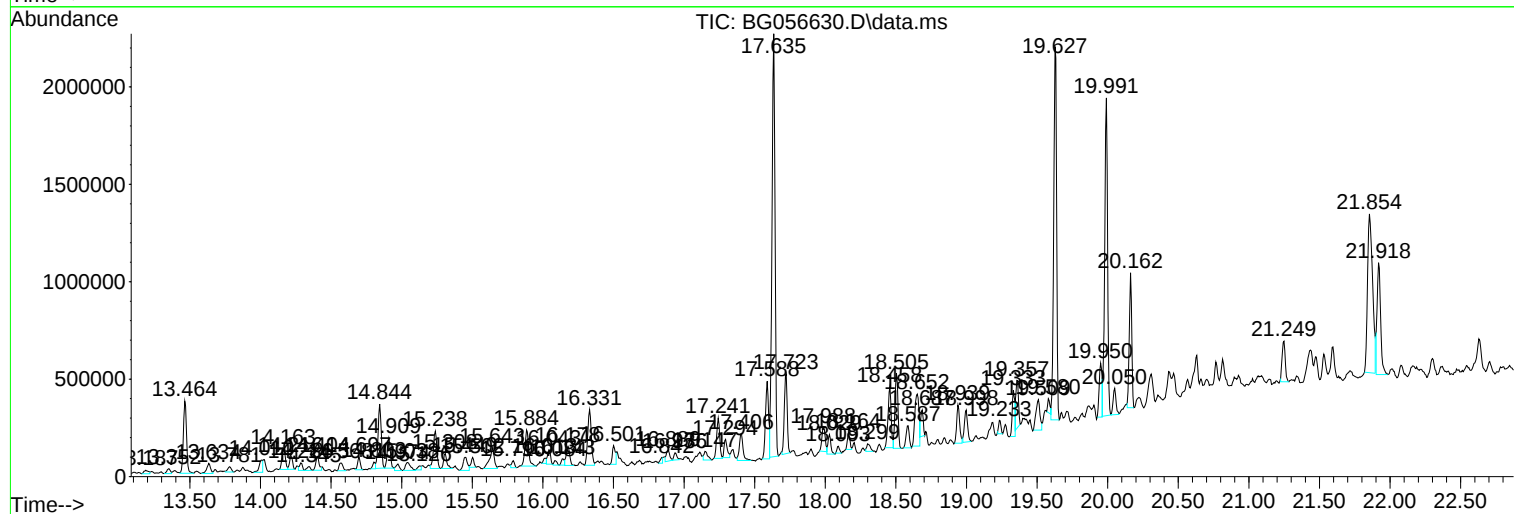
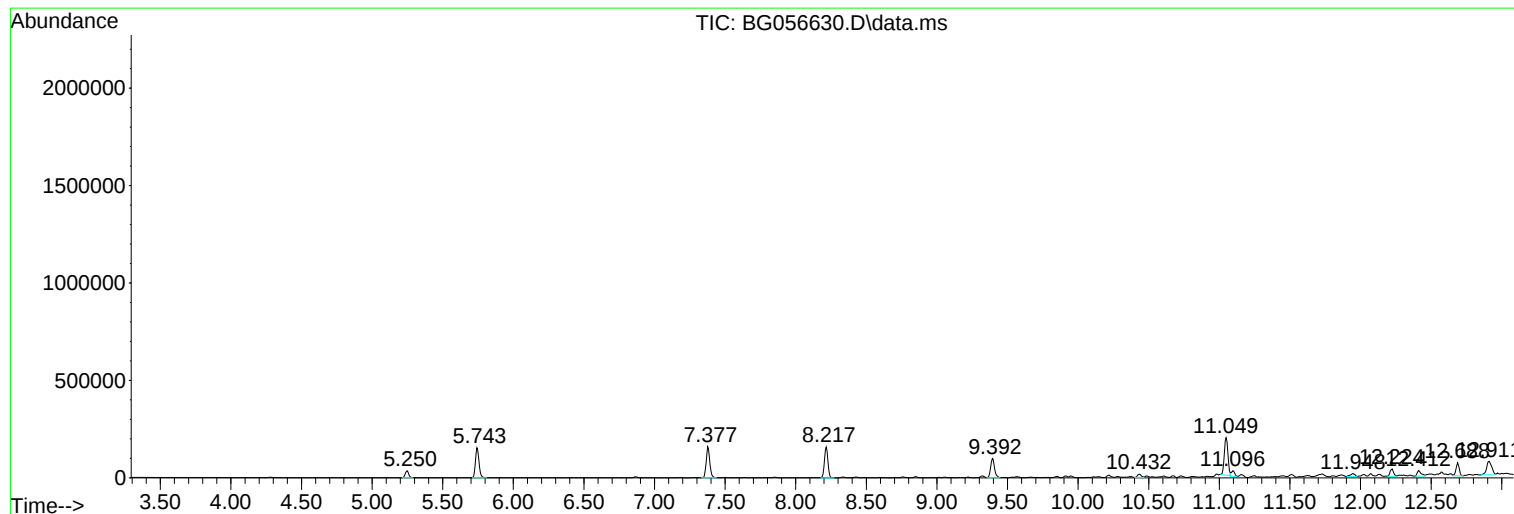
Sum of corrected areas: 26176300

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

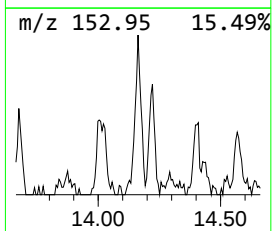
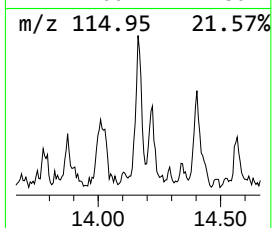
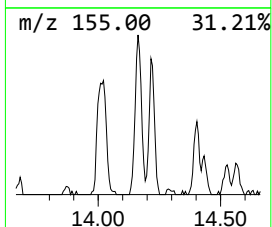
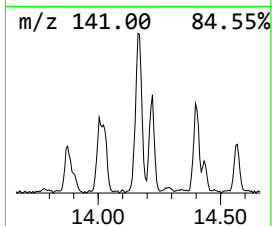
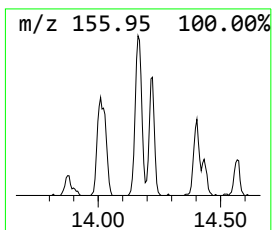
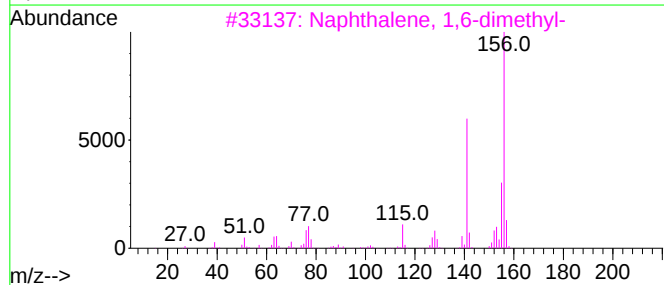
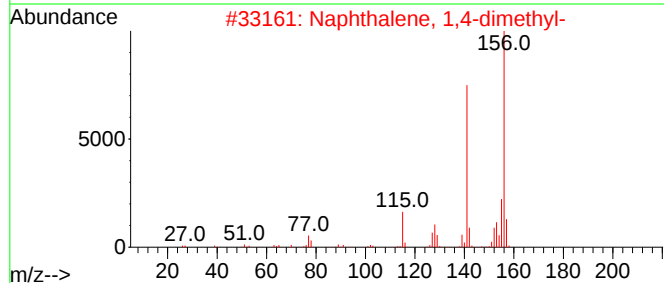
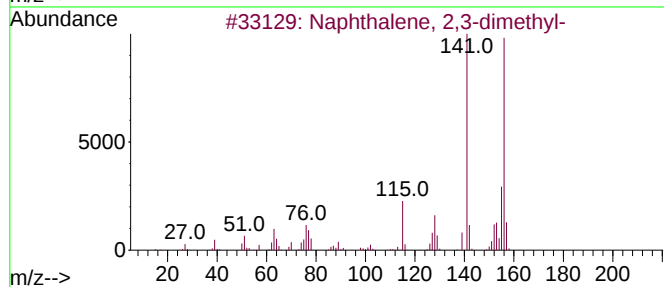
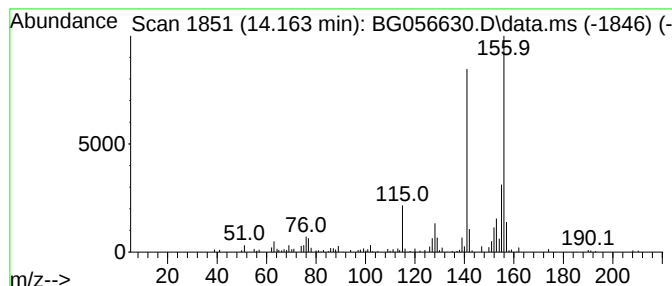
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.163	7.05 ng	178803	Acenaphthene-d10	14.844

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

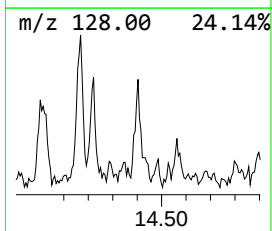
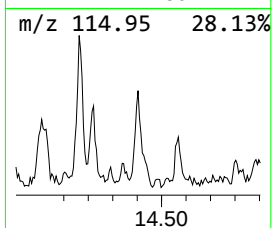
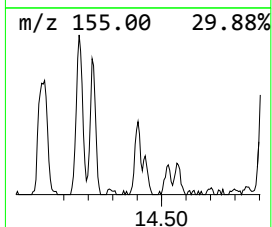
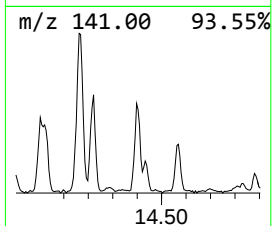
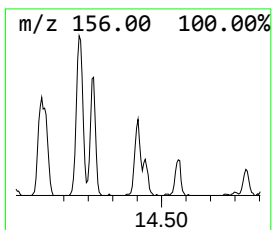
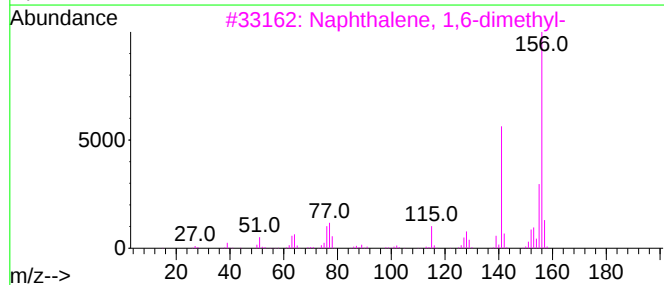
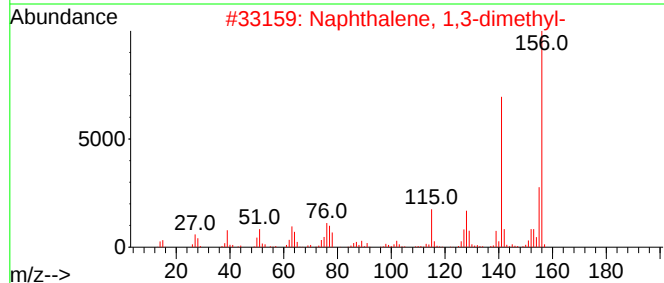
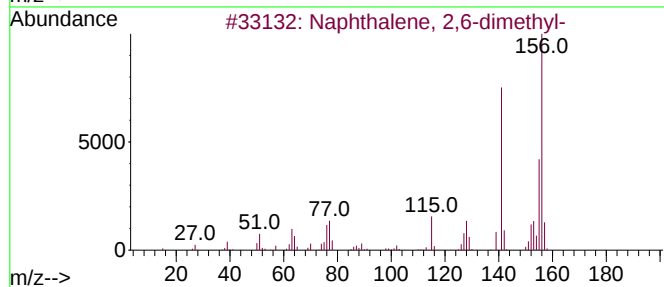
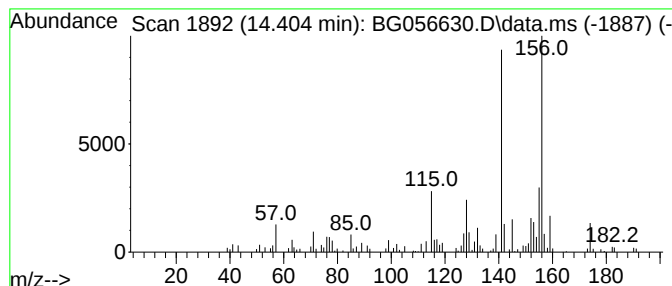
Instrument :
BNA_G
ClientSampleId :
EO-03-021023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.404	4.63 ng	117359	Acenaphthene-d10		14.844
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

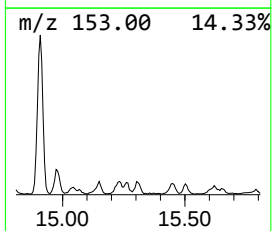
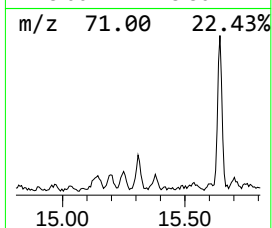
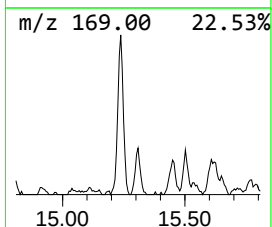
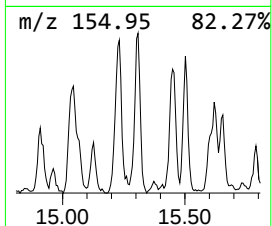
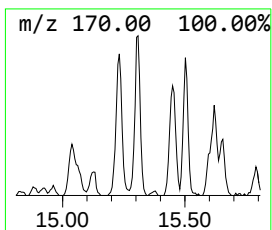
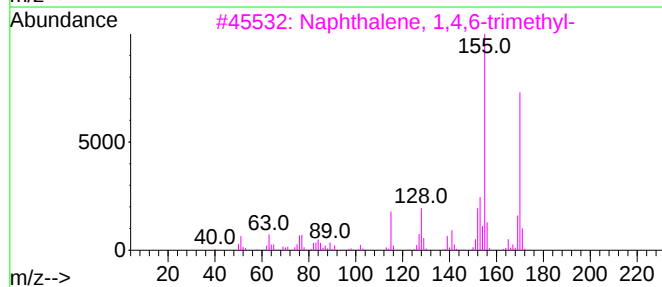
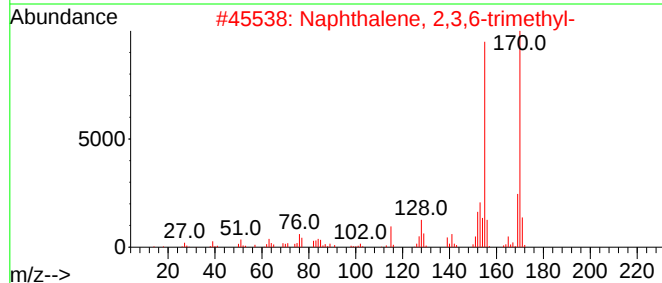
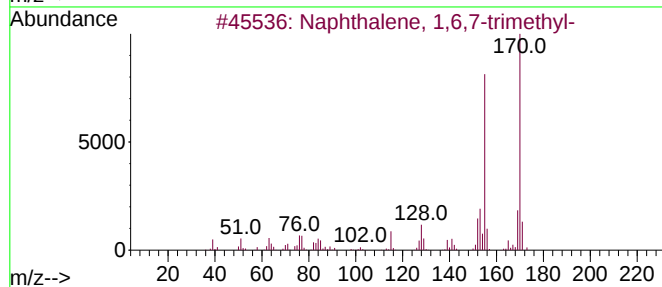
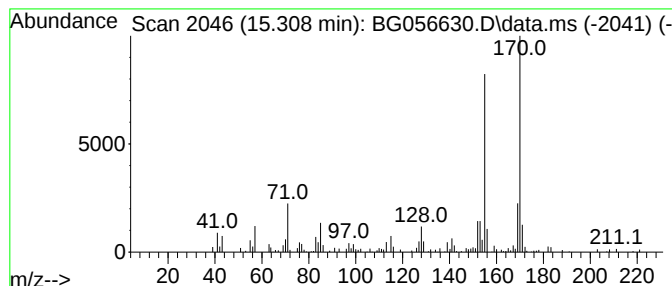
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.308	4.86 ng	123340	Acenaphthene-d10	14.844

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

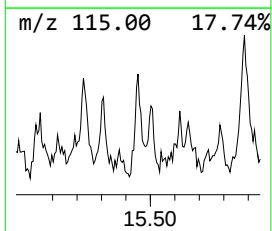
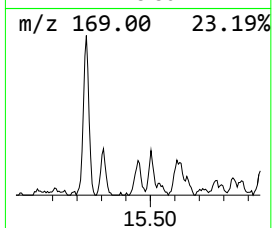
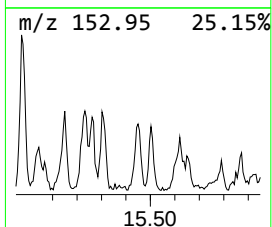
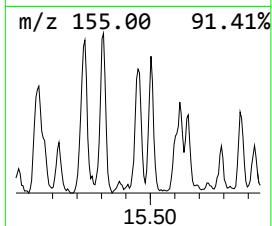
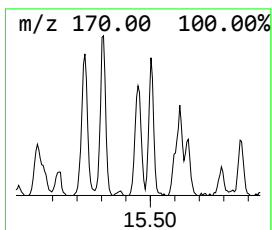
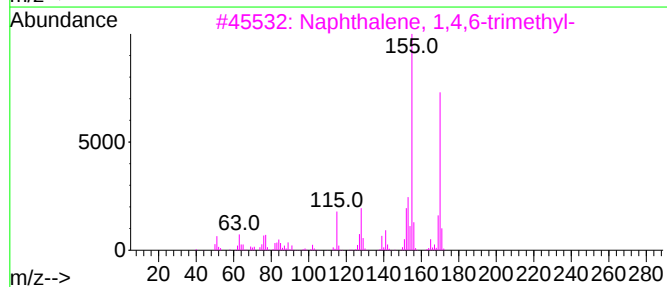
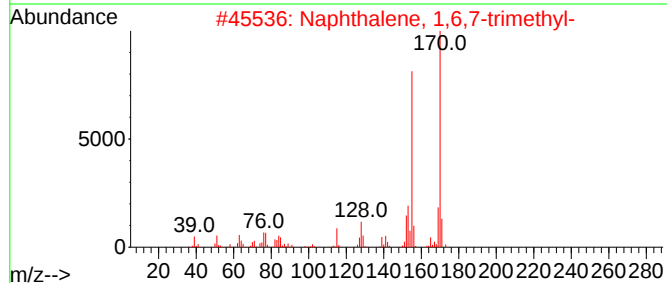
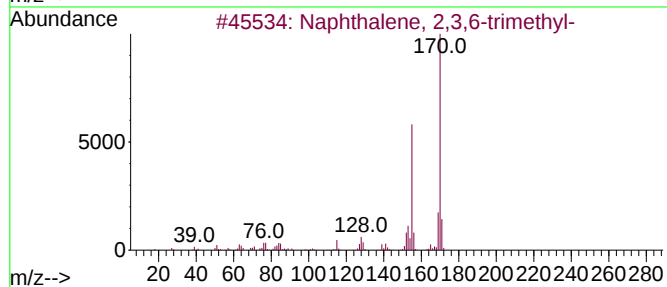
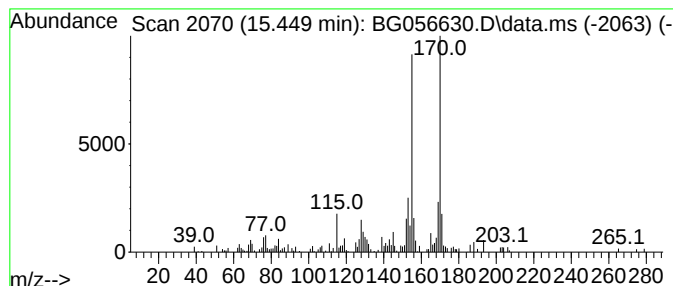
Instrument :
BNA_G
ClientSampleId :
EO-03-021023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
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 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.449	5.76 ng	146162	Acenaphthene-d10	14.844	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

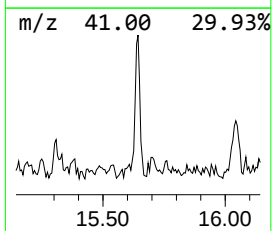
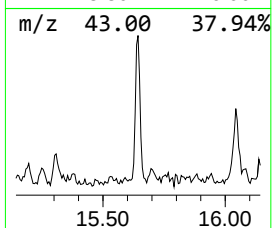
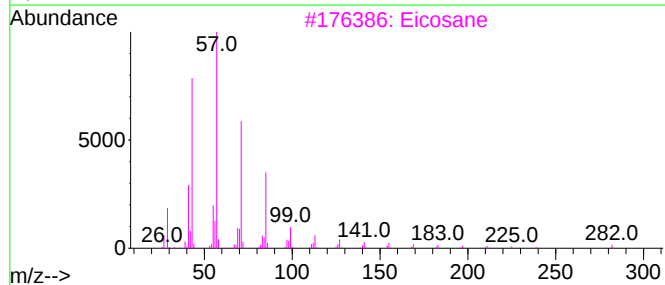
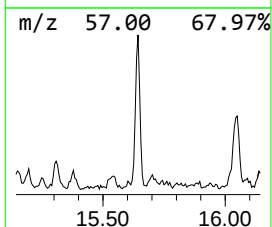
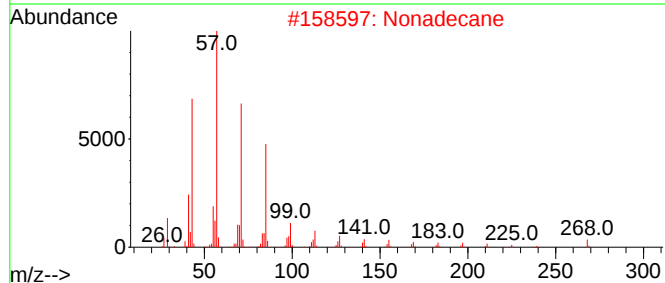
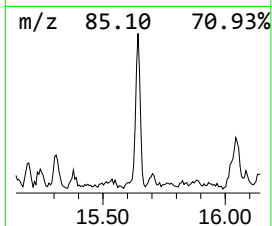
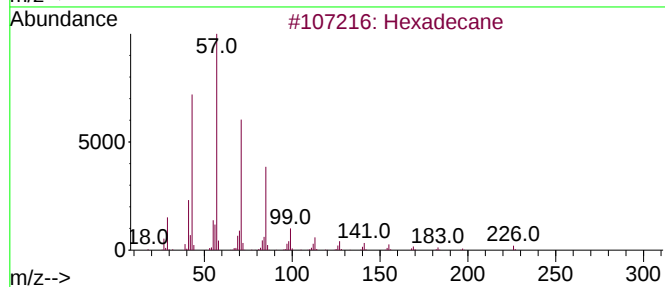
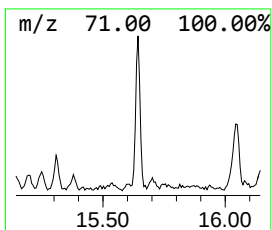
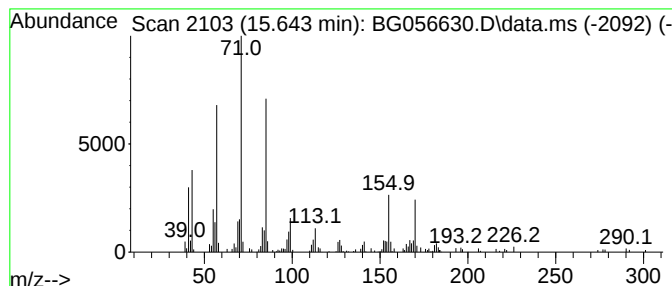
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.643	9.52 ng	241301	Acenaphthene-d10	14.844

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	76
2			Nonadecane	268	C19H40	000629-92-5	64
3			Eicosane	282	C20H42	000112-95-8	58
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58
5			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

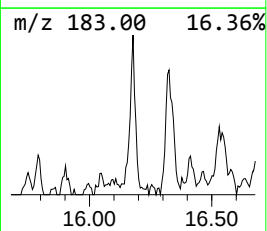
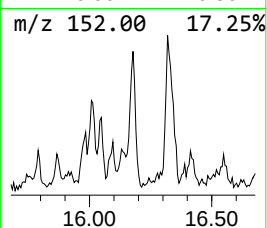
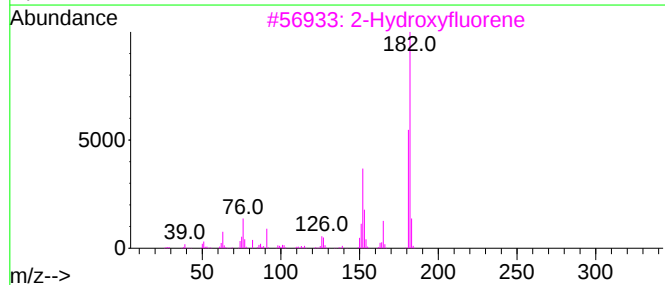
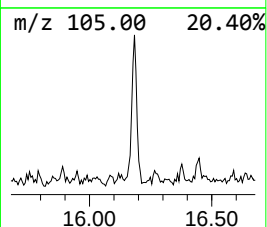
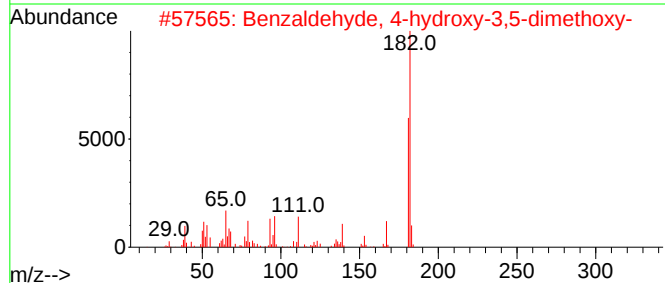
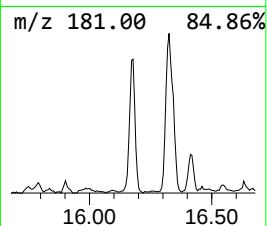
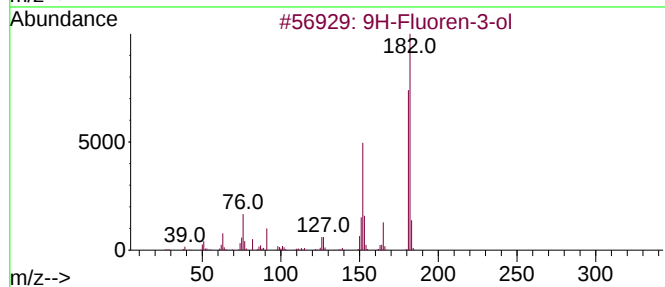
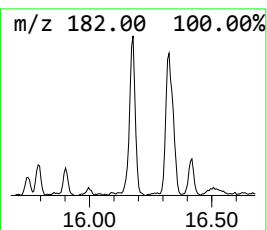
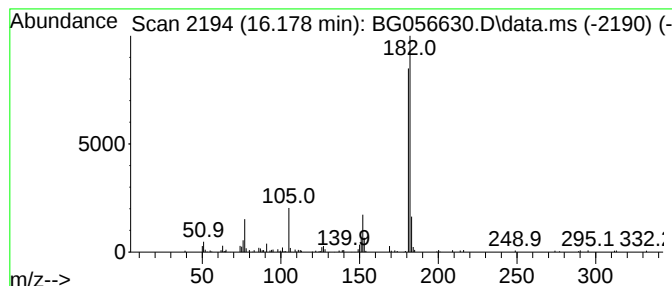
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluoren-3-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.178	6.38 ng	161673	Acenaphthene-d10	14.844

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	72
2			Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64
3			2-Hydroxyfluorene	182	C13H10O	002443-58-5	53
4			6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	50
5			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

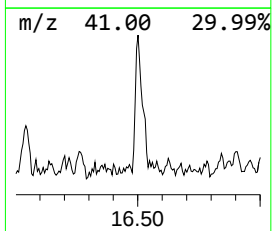
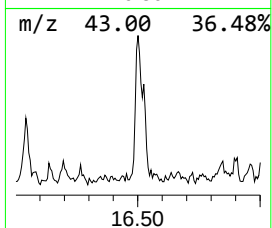
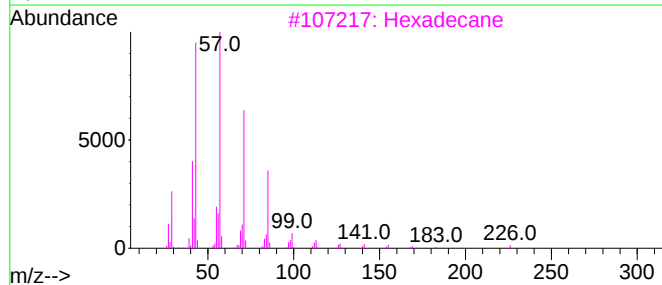
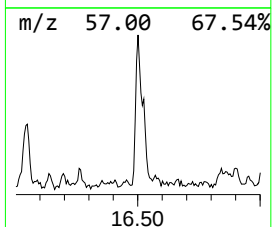
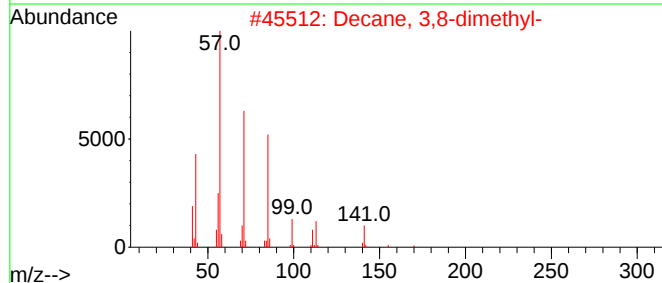
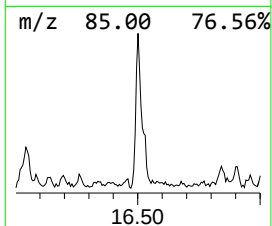
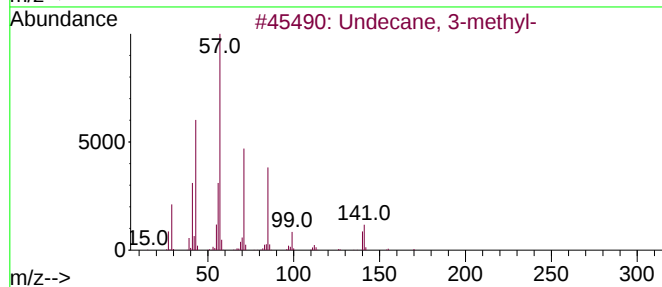
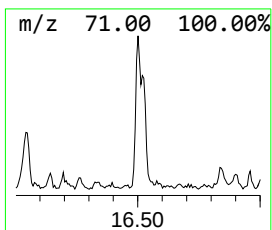
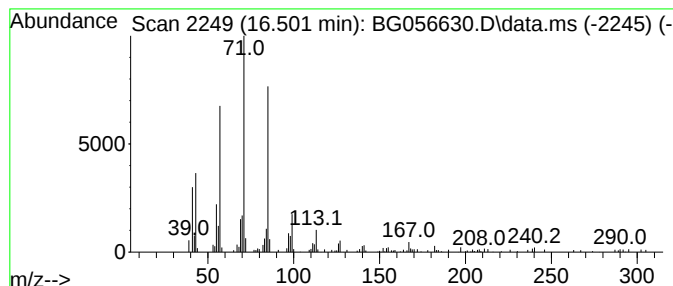
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.501	4.75 ng	149288	Phenanthrene-d10	17.588

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	80
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
3			Hexadecane	226	C16H34	000544-76-3	78
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	78
5			Tetracosane	338	C24H50	000646-31-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

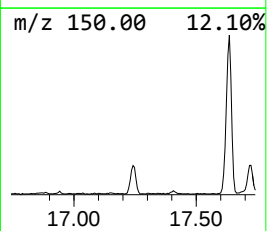
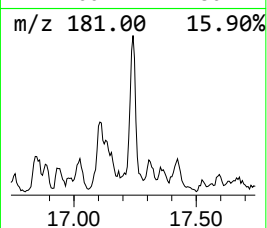
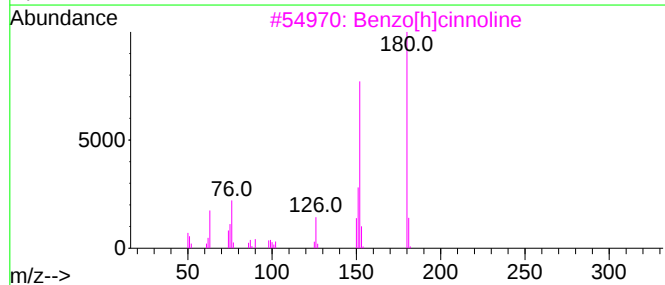
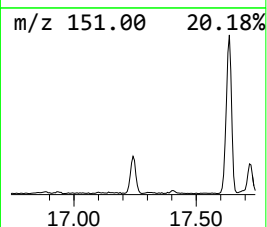
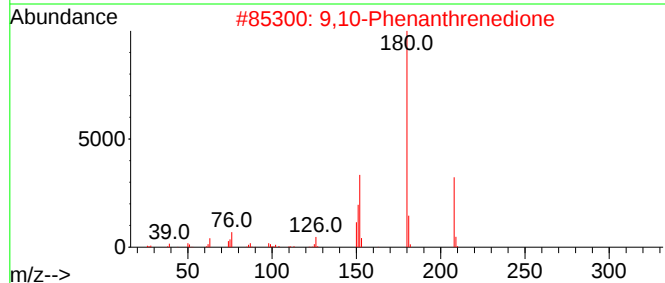
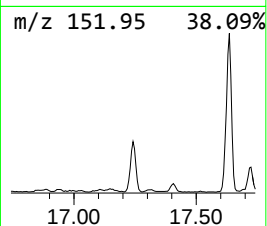
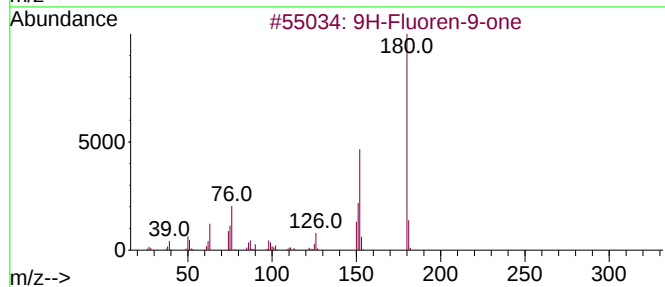
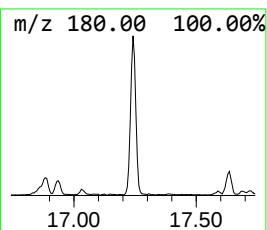
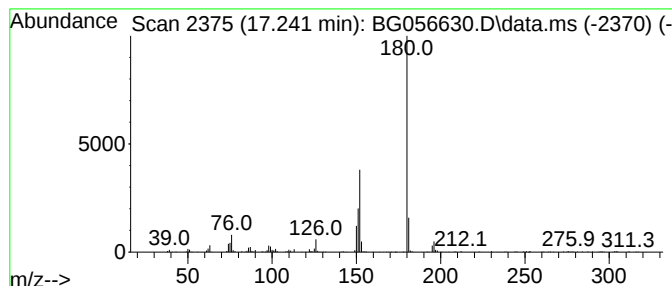
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluoren-9-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.241	9.74 ng	306517	Phenanthrene-d10	17.588

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91
3			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5			2-Benzothiophen-4(5H)-one, 6,7-d...	180	C10H12OS	1000338-11-9	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

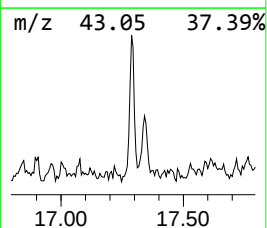
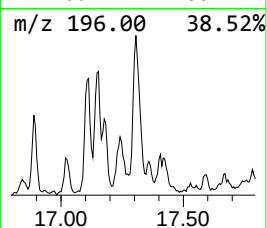
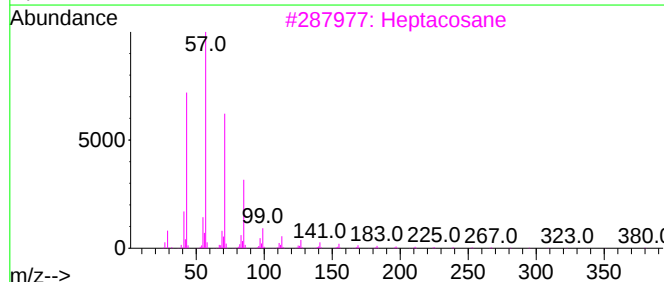
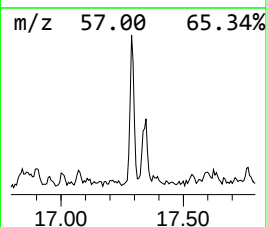
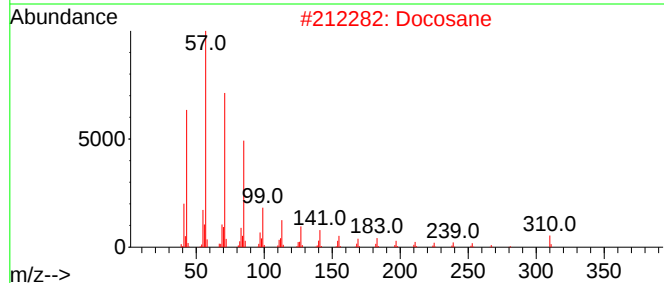
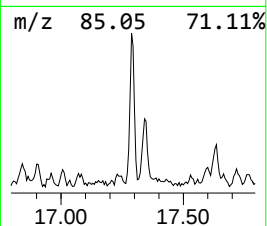
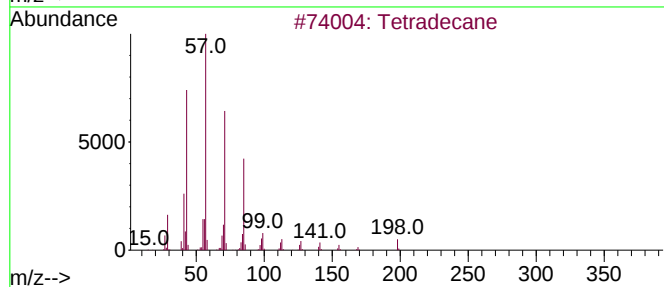
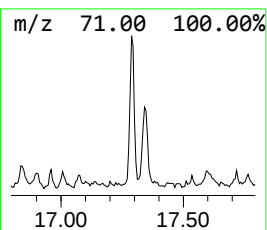
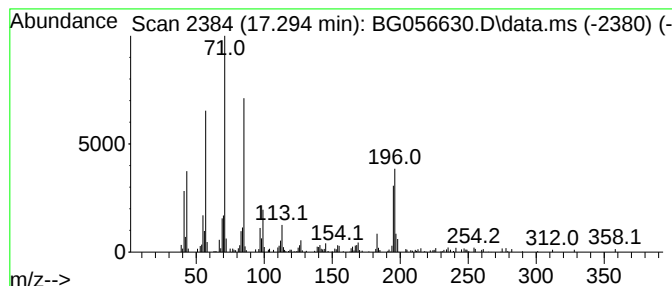
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.294	4.62 ng	145458	Phenanthrene-d10	17.588

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	64
2			Docosane	310	C22H46	000629-97-0	58
3			Heptacosane	380	C27H56	000593-49-7	58
4			Nonadecane	268	C19H40	000629-92-5	53
5			Heptadecane	240	C17H36	000629-78-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

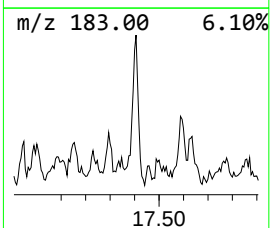
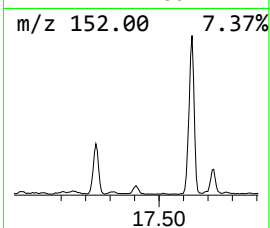
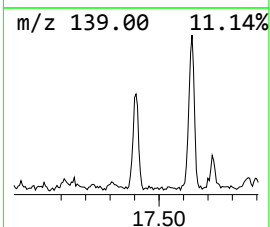
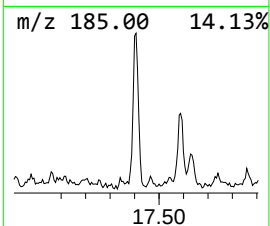
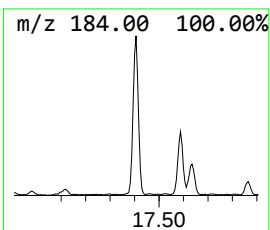
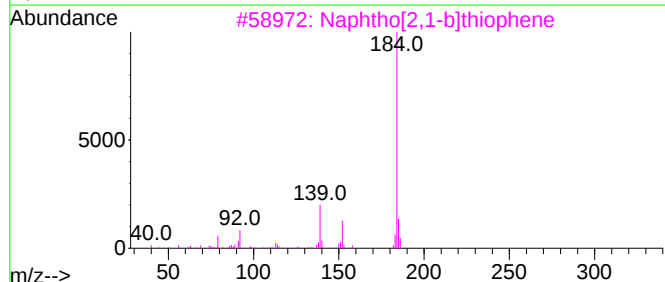
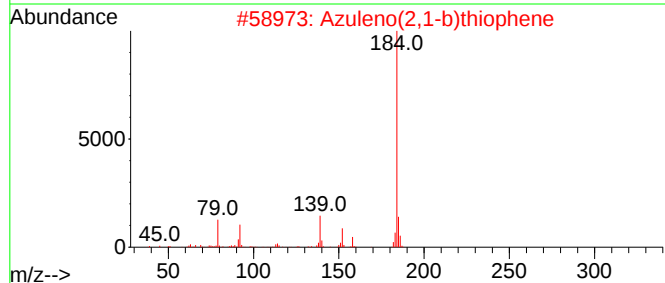
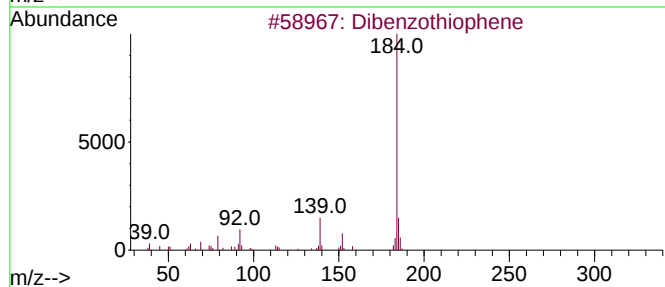
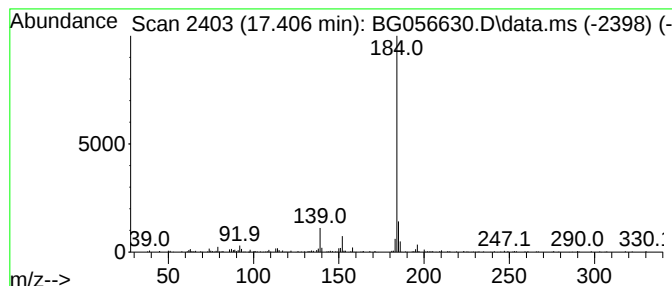
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.406	7.72 ng	242833	Phenanthrene-d10	17.588

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	93
2			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
3			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5			1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

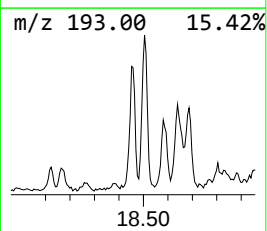
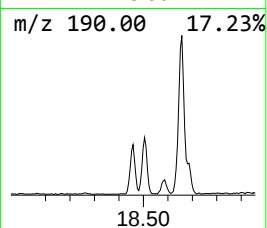
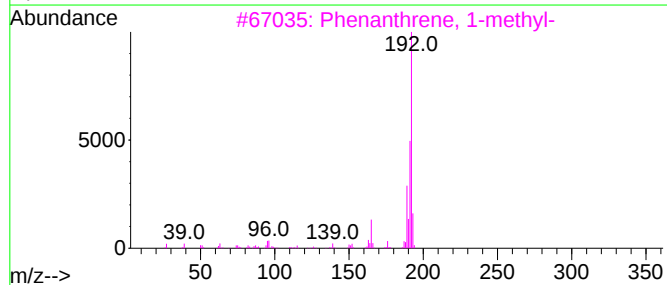
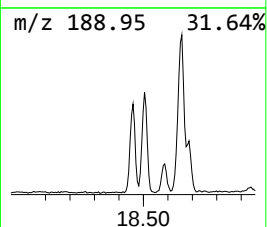
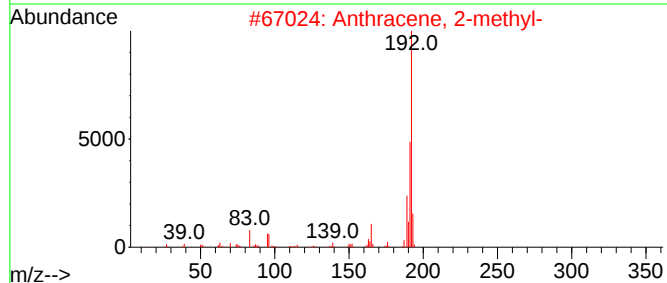
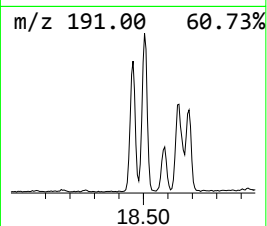
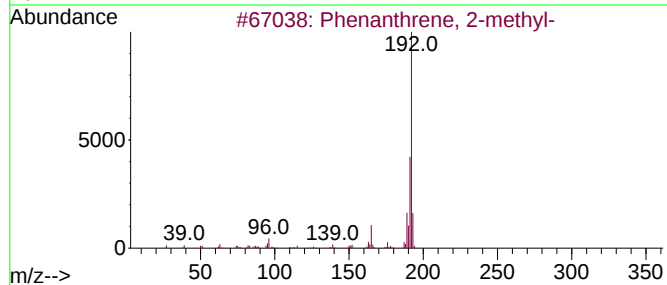
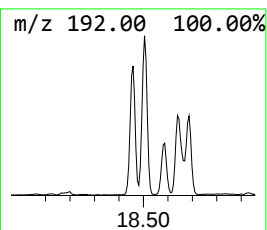
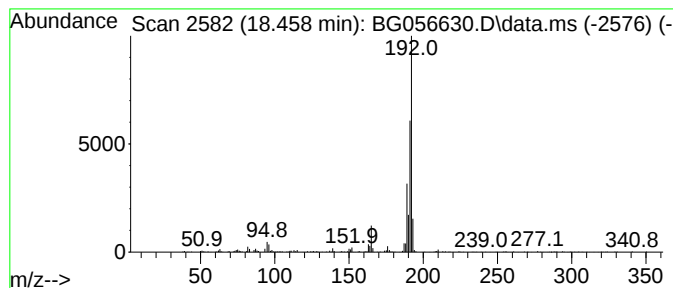
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.458	15.71 ng	494320	Phenanthrene-d10	17.588

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

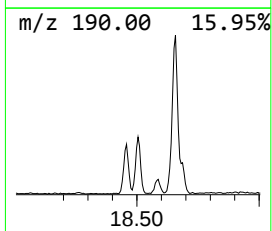
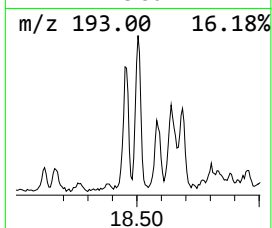
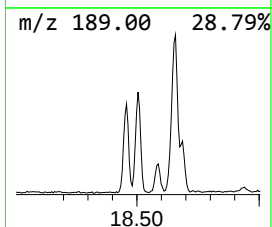
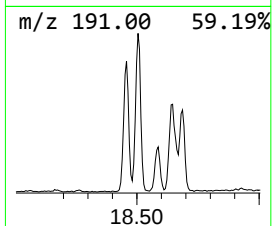
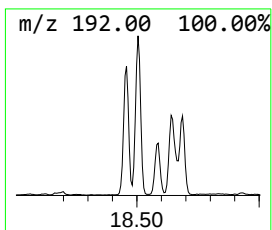
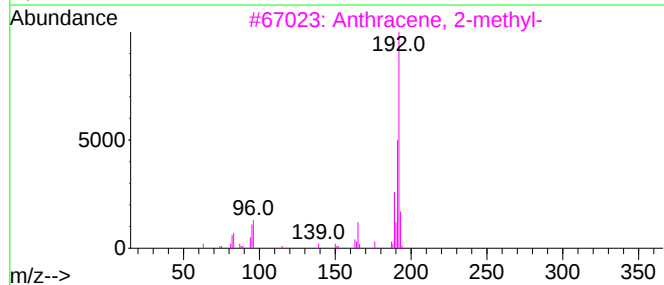
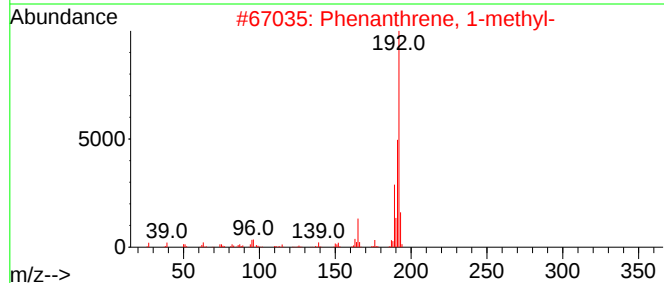
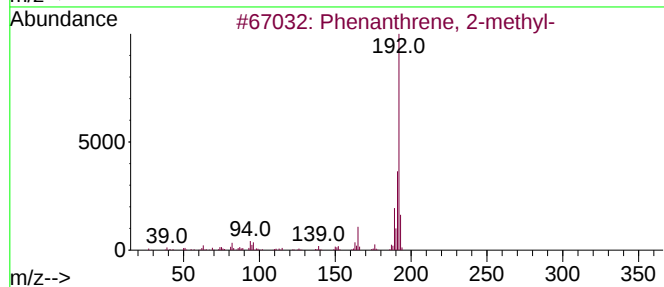
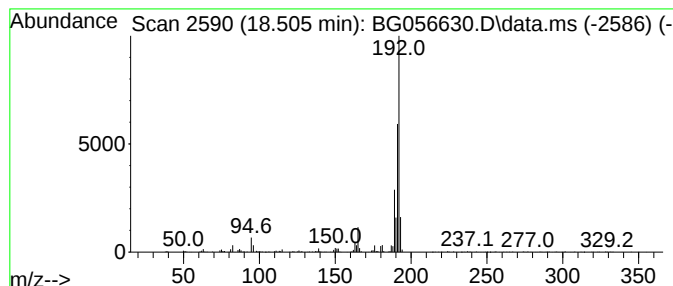
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.505	17.59 ng	553279	Phenanthrene-d10	17.588

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

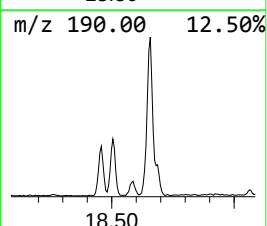
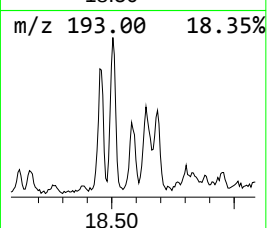
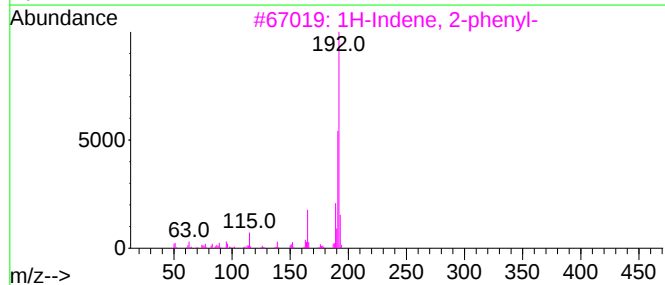
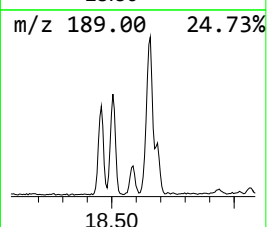
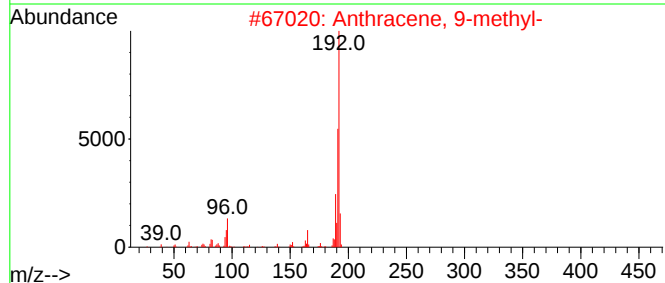
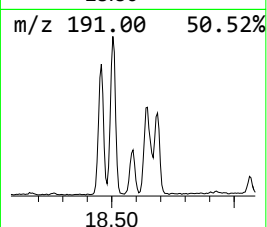
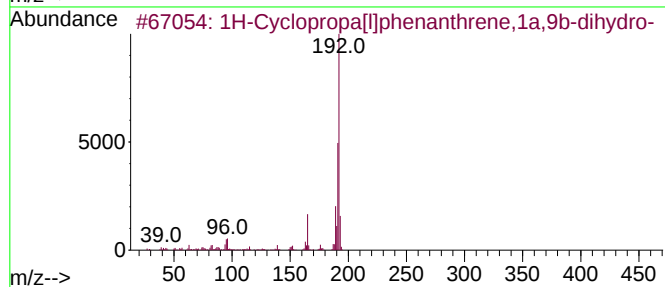
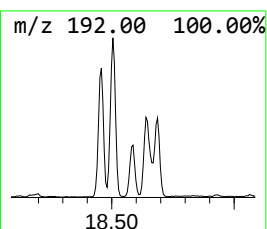
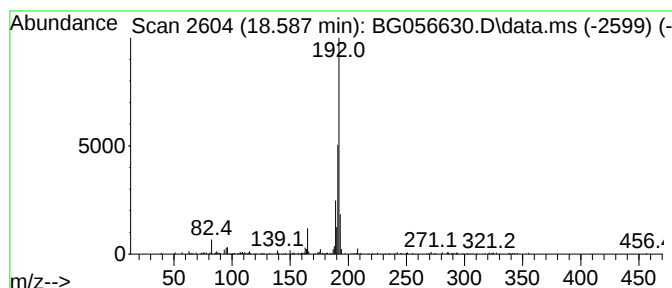
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.587	5.59 ng	175964	Phenanthrene-d10	17.588

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

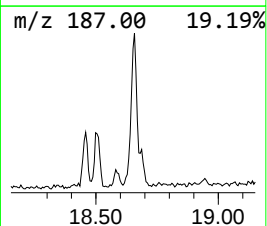
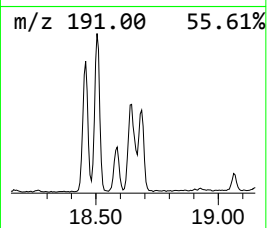
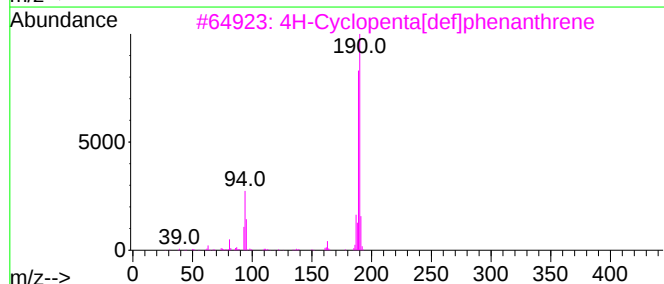
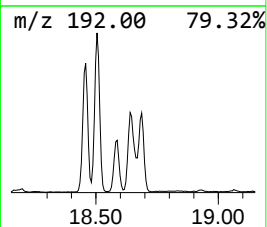
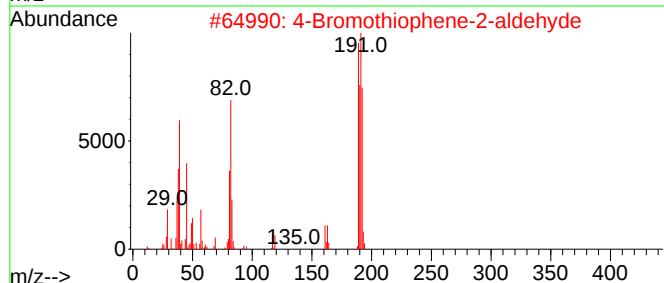
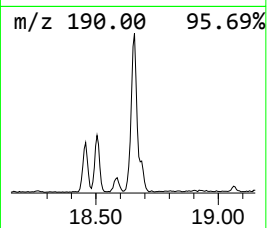
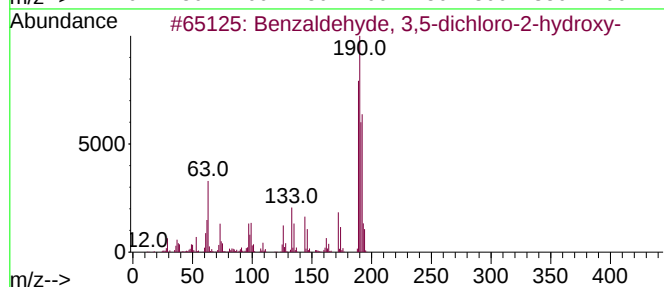
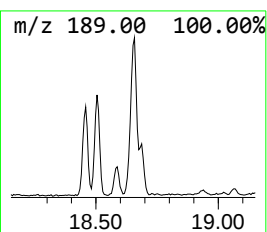
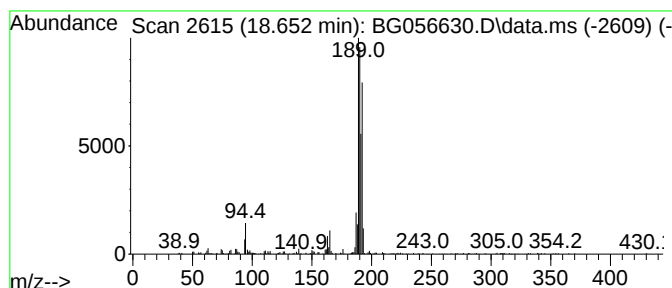
Instrument :
BNA_G
ClientSampleId :
EO-03-021023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.652	17.46 ng	549276	Phenanthrene-d10			17.588
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	72
2	4-Bromothiophene-2-aldehyde		190	C5H3BrOS	018791-75-8	58
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	55
4	Methyl diselenide		190	C2H6Se2	007101-31-7	38
5	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

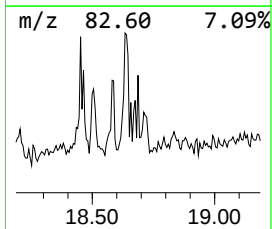
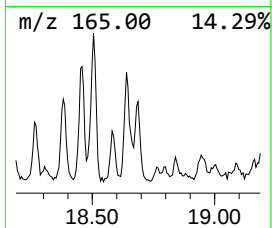
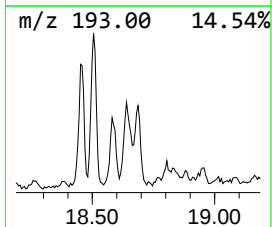
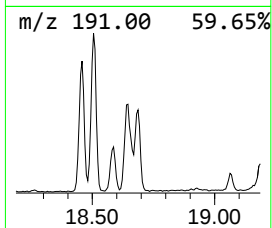
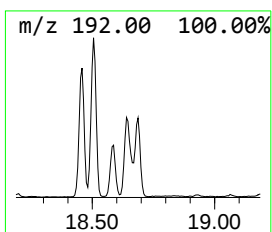
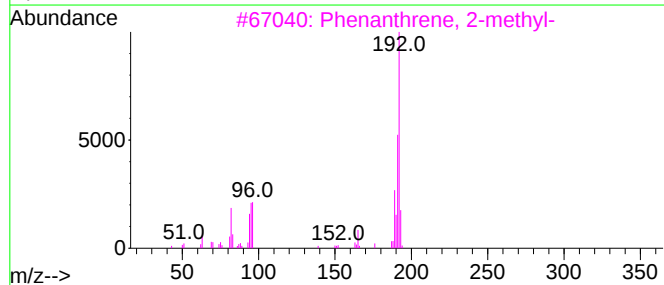
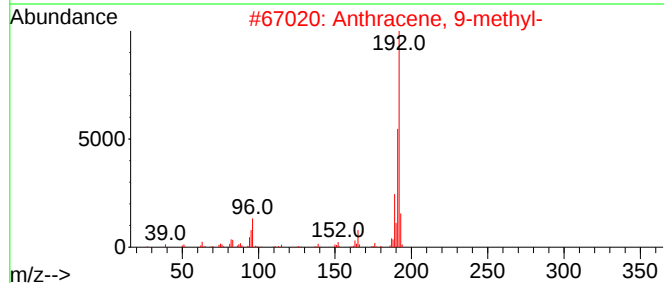
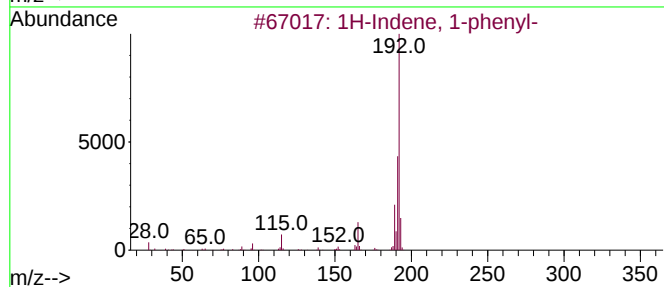
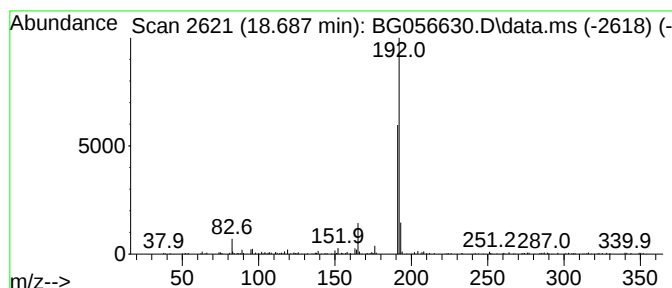
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	5.17 ng	162772	Phenanthrene-d10	17.588

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

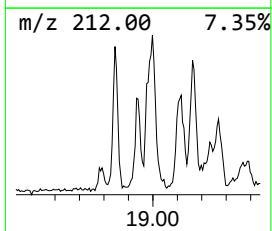
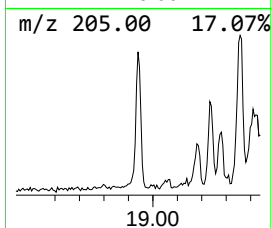
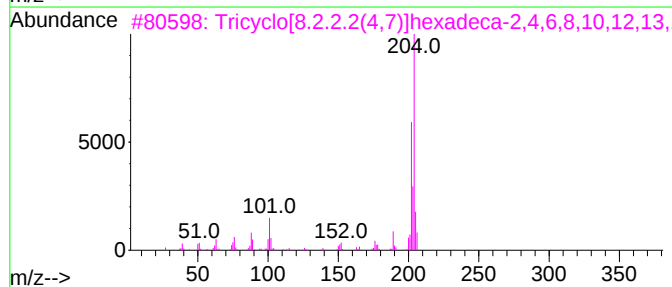
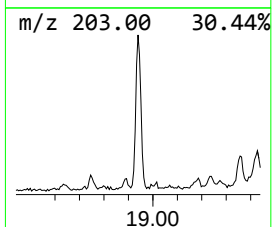
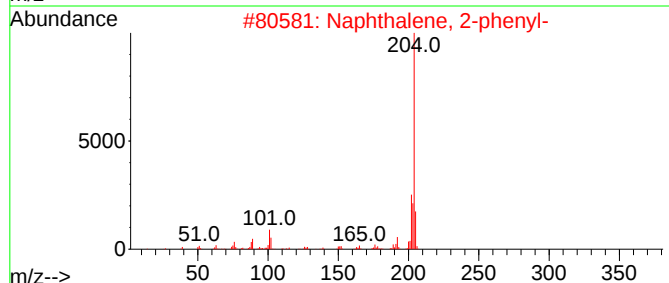
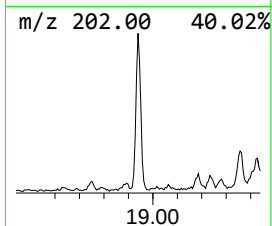
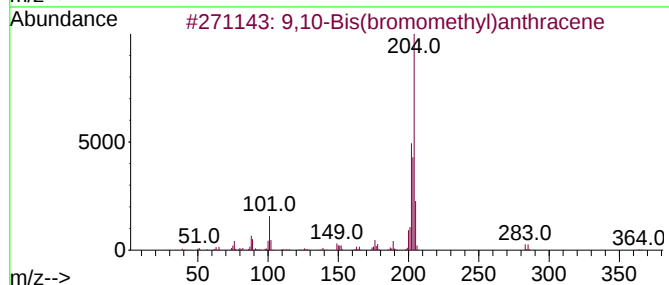
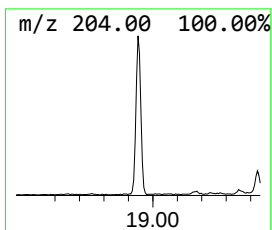
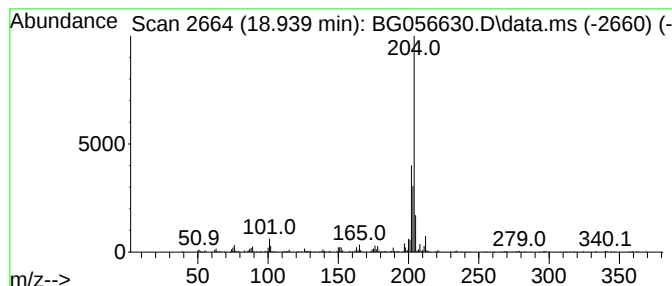
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,10-Bis(bromomethyl)anthra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	9.46 ng	297565	Phenanthrene-d10	17.588

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	72
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5		5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

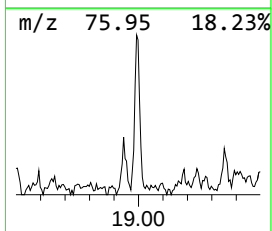
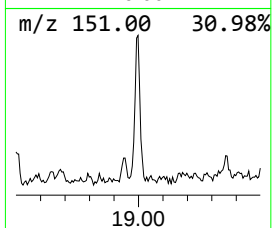
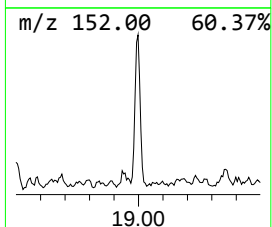
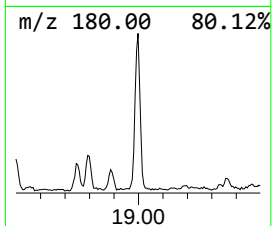
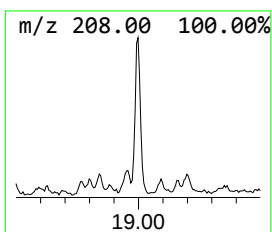
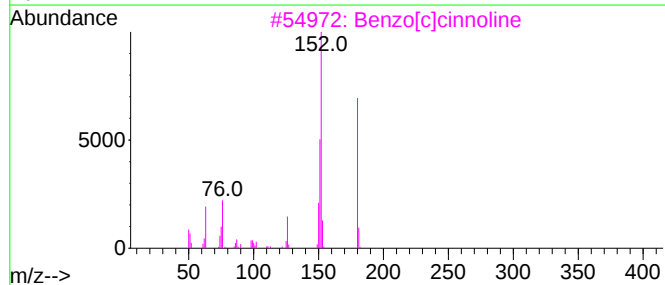
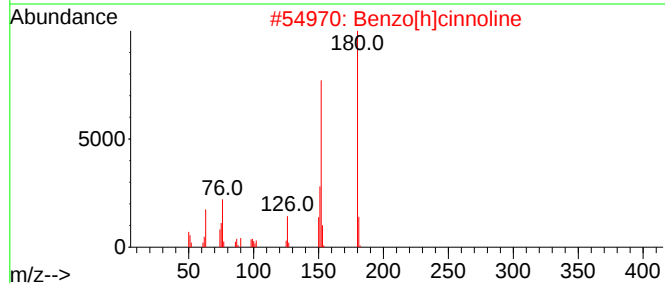
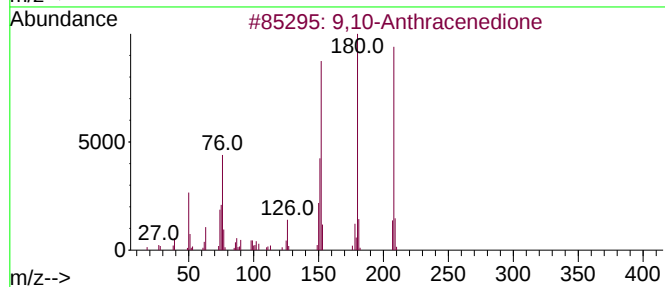
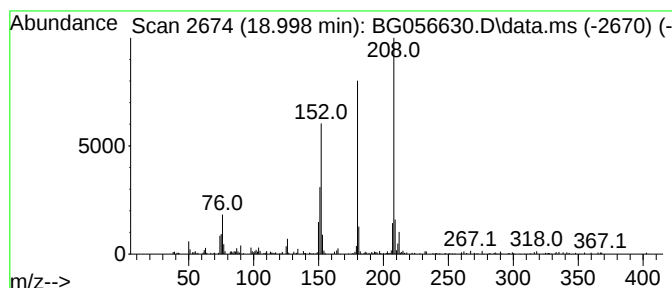
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	7.83 ng	246215	Phenanthrene-d10	17.588

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5			Pyrimidine, 2-(2,4-difluoropheno...	208	C10H6F2N2O	1000260-37-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

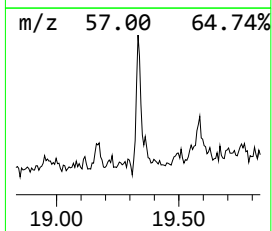
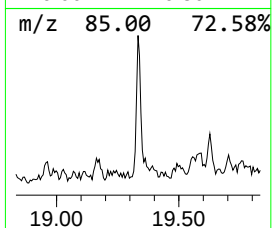
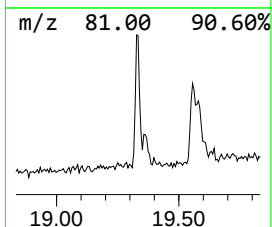
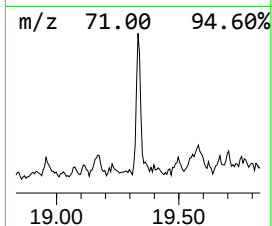
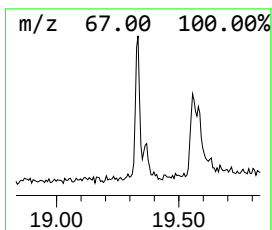
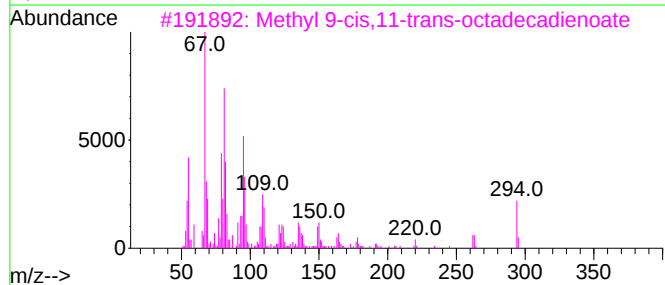
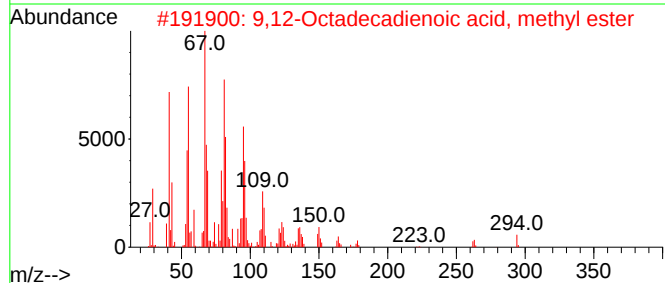
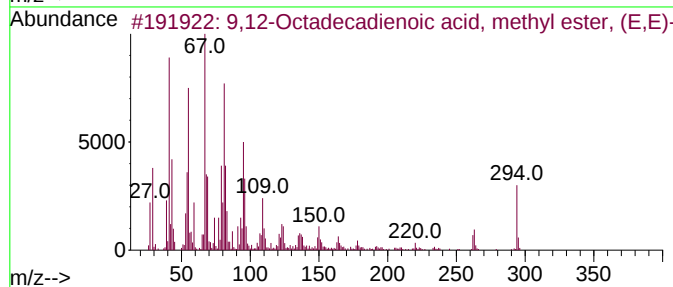
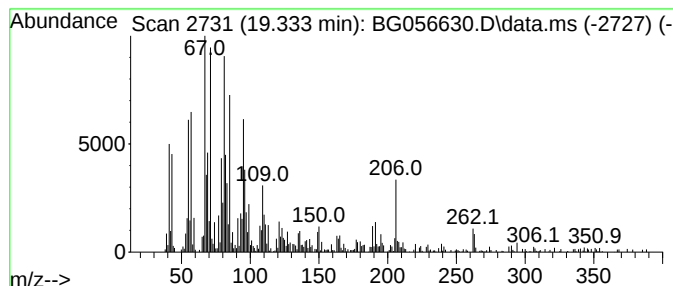
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	10.20 ng	320985	Phenanthrene-d10	17.588

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	83
2			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	80
3			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	78
4			8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	60
5			9,12-Octadecadienoic acid (Z,Z)-...	354	C21H38O4	003443-82-1	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-021023

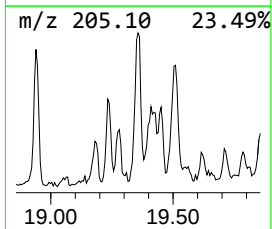
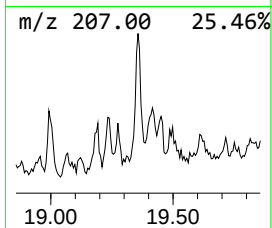
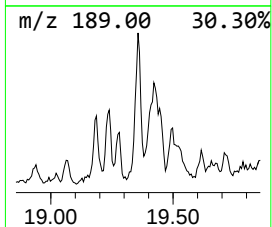
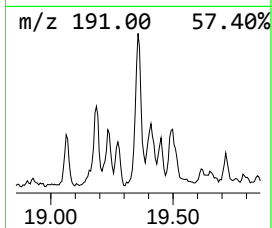
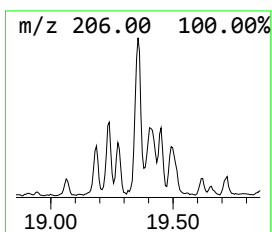
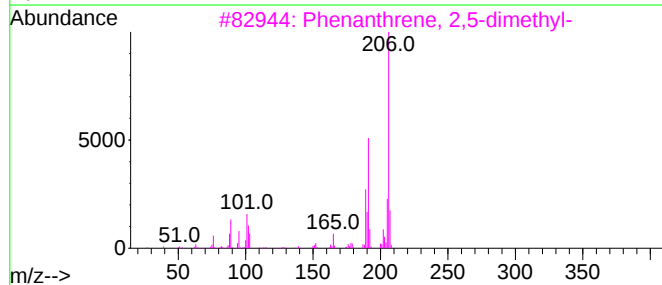
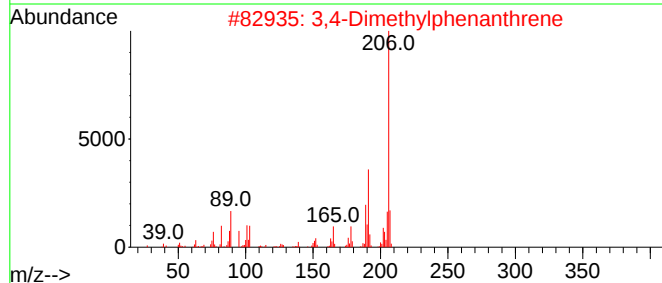
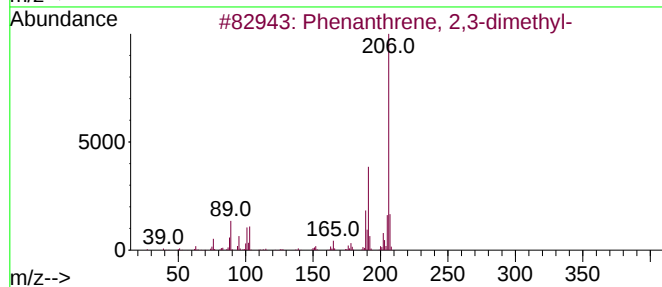
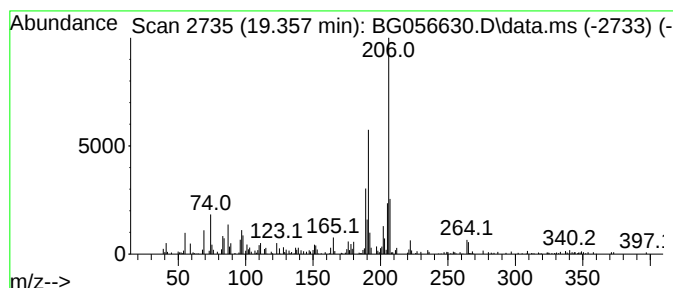
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	9.66 ng	303890	Phenanthrene-d10	17.588

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
2		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80
4		9,10-Dimethylanthracene	206	C16H14	000781-43-1	74
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056630.D
Acq On : 13 Feb 2023 22:12
Operator : CG/JU
Sample : 01528-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

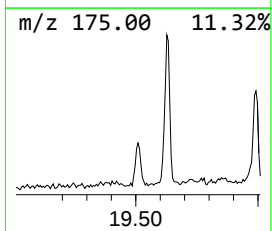
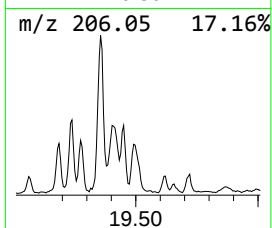
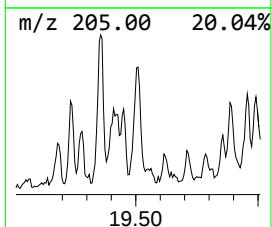
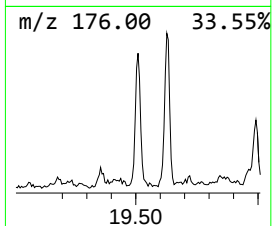
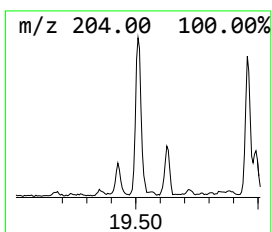
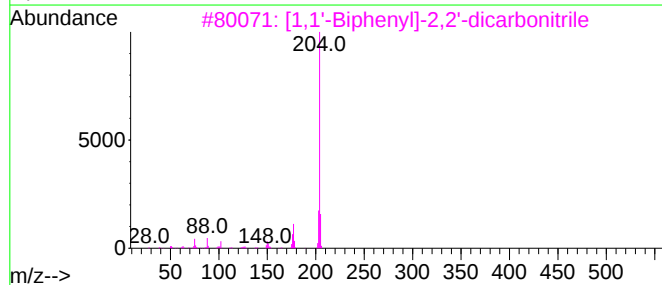
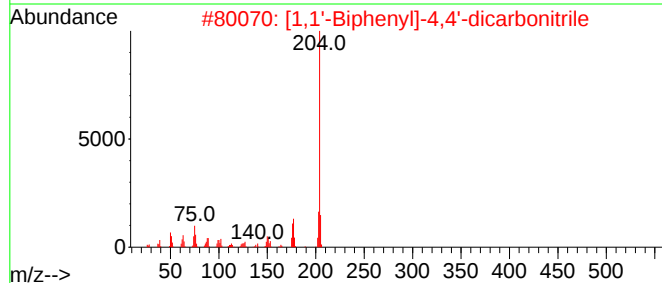
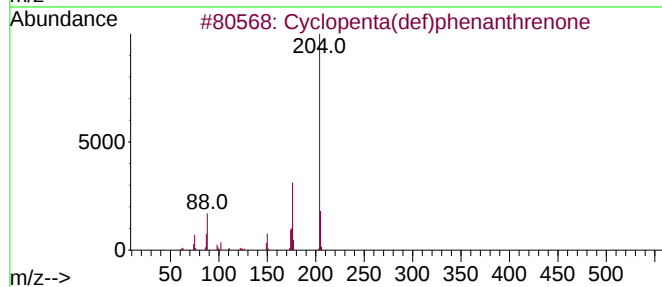
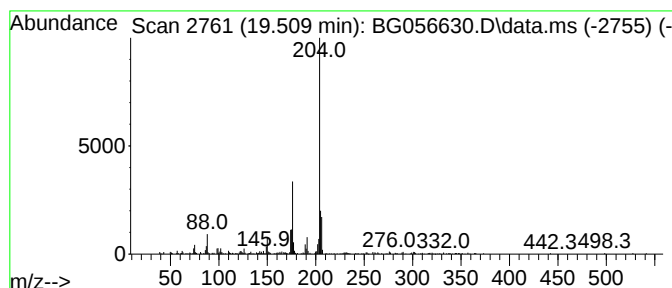
Instrument :
BNA_G
ClientSampleId :
EO-03-021023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.509	9.94 ng	312680	Phenanthrene-d10	17.588	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
 Data File : BG056630.D
 Acq On : 13 Feb 2023 22:12
 Operator : CG/JU
 Sample : 01528-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-021023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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
Naphthalene, 2,...	14.163	7.0	ng	178803	3	14.844	507067	20.0
Naphthalene, 2,...	14.404	4.6	ng	117359	3	14.844	507067	20.0
Naphthalene, 1,...	15.308	4.9	ng	123340	3	14.844	507067	20.0
Naphthalene, 2,...	15.449	5.8	ng	146162	3	14.844	507067	20.0
Hexadecane	15.643	9.5	ng	241301	3	14.844	507067	20.0
9H-Fluoren-3-ol	16.178	6.4	ng	161673	3	14.844	507067	20.0
Undecane, 3-met...	16.501	4.8	ng	149288	4	17.588	629209	20.0
9H-Fluoren-9-one	17.241	9.7	ng	306517	4	17.588	629209	20.0
Tetradecane	17.294	4.6	ng	145458	4	17.588	629209	20.0
Dibenzothiophene	17.406	7.7	ng	242833	4	17.588	629209	20.0
Phenanthrene, 2...	18.458	15.7	ng	494320	4	17.588	629209	20.0
Phenanthrene, 1...	18.505	17.6	ng	553279	4	17.588	629209	20.0
1H-Cyclopropa[l...	18.587	5.6	ng	175964	4	17.588	629209	20.0
Benzaldehyde, 3...	18.652	17.5	ng	549276	4	17.588	629209	20.0
1H-Indene, 1-ph...	18.687	5.2	ng	162772	4	17.588	629209	20.0
9,10-Bis(bromom...	18.939	9.5	ng	297565	4	17.588	629209	20.0
9,10-Anthracene...	18.998	7.8	ng	246215	4	17.588	629209	20.0
9,12-Octadecadi...	19.333	10.2	ng	320985	4	17.588	629209	20.0
Phenanthrene, 2...	19.357	9.7	ng	303890	4	17.588	629209	20.0
Cyclopenta(def)...	19.509	9.9	ng	312680	4	17.588	629209	20.0