

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057549.D
 Acq On : 25 May 2023 1:06
 Operator : CG/JU
 Sample : 02904-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-3-052323

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057549.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.388	310	315	323	rVB	11867	19223	1.69%	0.254%
2	5.876	391	398	415	rBV	270958	453581	39.76%	5.985%
3	7.503	666	675	686	rBV	289610	526371	46.15%	6.946%
4	8.355	814	820	830	rBV	75223	125219	10.98%	1.652%
5	9.535	1013	1021	1030	rBV	182457	337542	29.59%	4.454%
6	11.116	1285	1290	1294	rBV2	19408	31527	2.76%	0.416%
7	11.192	1297	1303	1310	rVV	101972	175613	15.40%	2.317%
8	11.304	1316	1322	1328	rVB4	11997	21370	1.87%	0.282%
9	11.868	1410	1418	1427	rVB9	9877	23263	2.04%	0.307%
10	12.155	1463	1467	1471	rVB4	10660	16899	1.48%	0.223%
11	12.355	1495	1501	1507	rBV4	15346	26722	2.34%	0.353%
12	12.543	1527	1533	1541	rBV2	34041	54771	4.80%	0.723%
13	13.060	1616	1621	1625	rBV2	16827	25505	2.24%	0.337%
14	13.324	1660	1666	1676	rVB9	10329	29785	2.61%	0.393%
15	13.471	1686	1691	1695	rBV4	16988	25470	2.23%	0.336%
16	13.595	1705	1712	1722	rVB	537465	819976	71.89%	10.820%
17	13.753	1733	1739	1745	rBV	46281	74002	6.49%	0.977%
18	13.912	1761	1766	1770	rVB4	14103	23442	2.06%	0.309%
19	14.241	1818	1822	1825	rBV6	8708	15227	1.33%	0.201%
20	14.329	1833	1837	1843	rVB7	7970	15527	1.36%	0.205%
21	14.405	1843	1850	1854	rBV7	21475	50209	4.40%	0.663%
22	14.464	1858	1860	1865	rVV3	11465	14135	1.24%	0.187%
23	14.529	1866	1871	1875	rVB4	13125	21001	1.84%	0.277%
24	14.705	1893	1901	1903	rBV6	8695	17194	1.51%	0.227%
25	14.817	1915	1920	1926	rVB	61354	85456	7.49%	1.128%
26	14.969	1936	1946	1952	rVB	166567	264850	23.22%	3.495%
27	15.163	1974	1979	1982	rBV7	7156	13642	1.20%	0.180%
28	15.316	2000	2005	2007	rVV5	9482	13822	1.21%	0.182%
29	15.357	2010	2012	2018	rVB7	10025	15434	1.35%	0.204%
30	15.427	2019	2024	2027	rBV4	16440	26614	2.33%	0.351%
31	15.574	2045	2049	2052	rBV6	8715	14047	1.23%	0.185%
32	15.756	2075	2080	2085	rBV	75708	95417	8.37%	1.259%
33	16.162	2142	2149	2153	rBV	30077	54832	4.81%	0.724%
34	16.309	2169	2174	2183	rVB	54954	83727	7.34%	1.105%
35	16.379	2183	2186	2192	rVB5	12222	16641	1.46%	0.220%
36	16.456	2192	2199	2206	rBV	393556	629680	55.20%	8.309%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057549.D
 Acq On : 25 May 2023 1:06
 Operator : CG/JU
 Sample : 02904-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-3-052323

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	16.614	2222	2226	2236	rBV	78651	147494	12.93%	1.946%
38	16.961	2281	2285	2290	rBV6	7156	12101	1.06%	0.160%
39	17.014	2292	2294	2298	rVB4	11537	12515	1.10%	0.165%
40	17.066	2299	2303	2308	rVB8	8584	14387	1.26%	0.190%
41	17.125	2309	2313	2320	rVB10	9076	16822	1.47%	0.222%
42	17.184	2320	2323	2329	rBV6	9787	14052	1.23%	0.185%
43	17.401	2356	2360	2365	rVV	63680	81078	7.11%	1.070%
44	17.454	2365	2369	2375	rVB2	30118	44681	3.92%	0.590%
45	17.707	2407	2412	2417	rBV	206848	335568	29.42%	4.428%
46	17.748	2417	2419	2426	rVB	38733	59531	5.22%	0.786%
47	17.842	2429	2435	2439	rBV4	17740	34860	3.06%	0.460%
48	17.948	2449	2453	2460	rBV9	8045	20720	1.82%	0.273%
49	18.141	2482	2486	2495	rVB	66067	89297	7.83%	1.178%
50	18.429	2530	2535	2538	rBV7	10918	24223	2.12%	0.320%
51	18.547	2550	2555	2564	rBV3	99866	173473	15.21%	2.289%
52	18.823	2598	2602	2607	rVB	57861	72001	6.31%	0.950%
53	19.446	2704	2708	2711	rBV	53477	68764	6.03%	0.907%
54	19.663	2741	2745	2746	rBV4	25835	29858	2.62%	0.394%
55	19.686	2747	2749	2753	rVV2	39724	48821	4.28%	0.644%
56	19.739	2754	2758	2764	rVV	93638	140189	12.29%	1.850%
57	19.798	2765	2768	2776	rVB5	31020	53740	4.71%	0.709%
58	20.010	2801	2804	2809	rVB	39846	50260	4.41%	0.663%
59	20.104	2816	2820	2826	rVB	90977	126317	11.07%	1.667%
60	20.280	2845	2850	2855	rVB	921586	1140663	100.00%	15.052%
61	20.538	2891	2894	2898	rBV	31746	45234	3.97%	0.597%
62	21.572	3067	3070	3083	rVB4	51859	112785	9.89%	1.488%
63	22.019	3139	3146	3151	rBV3	176793	351082	30.78%	4.633%

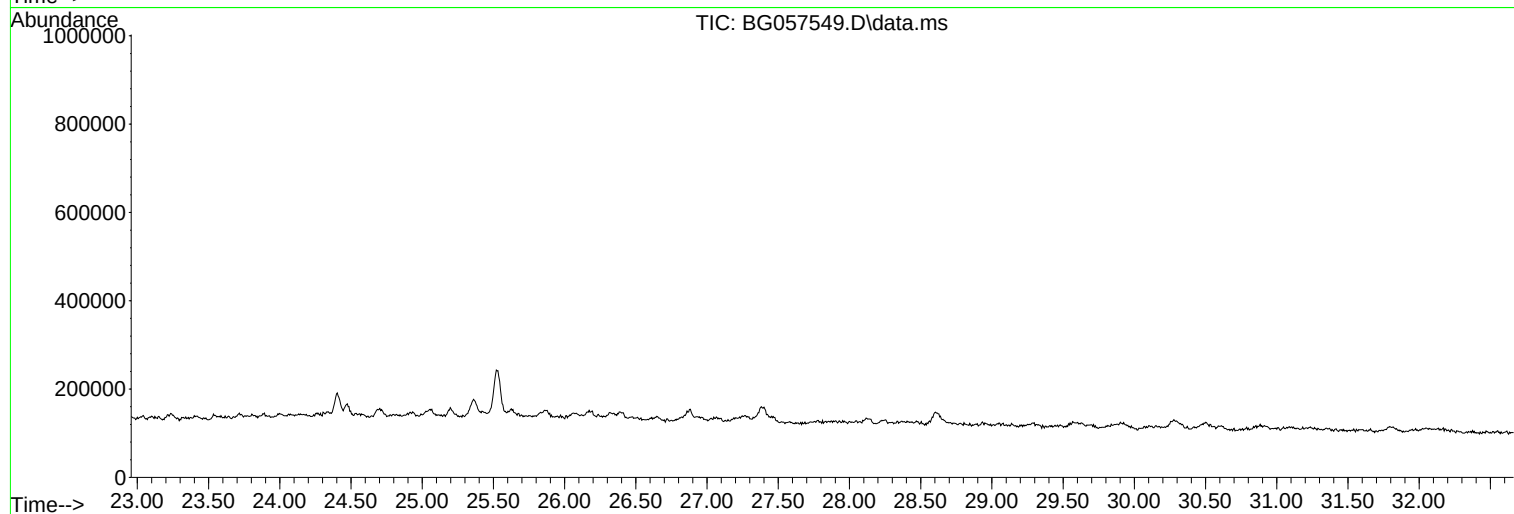
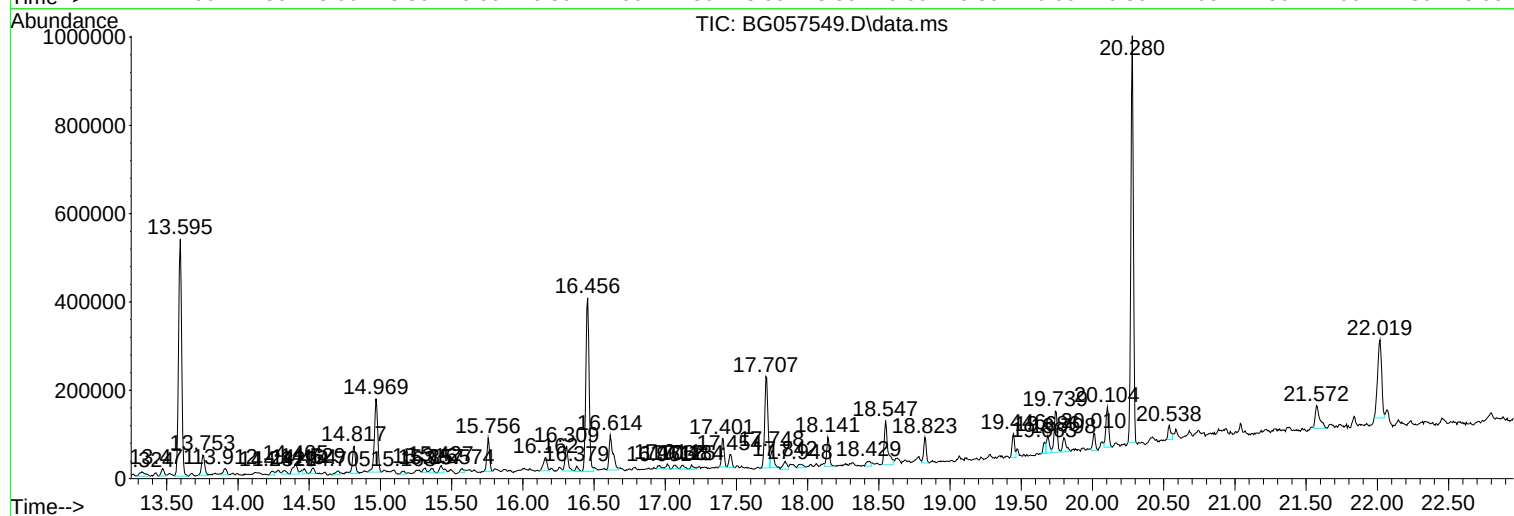
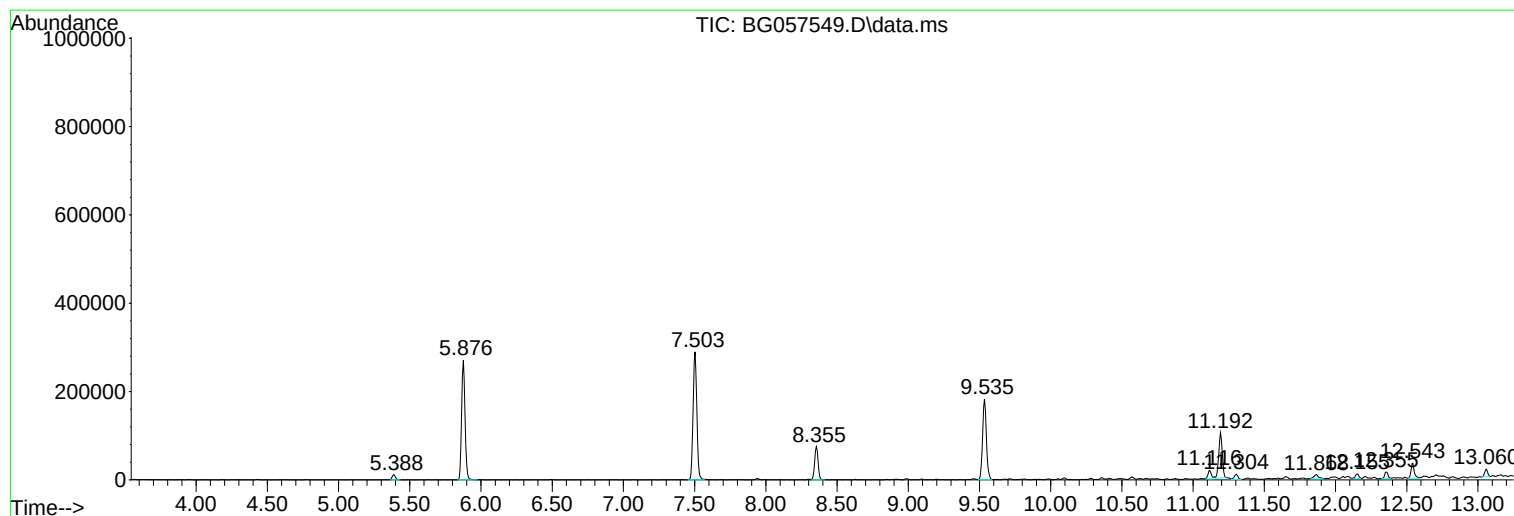
Sum of corrected areas: 7578252

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

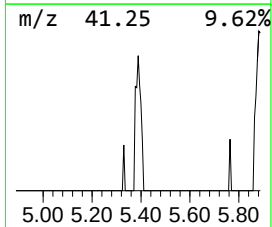
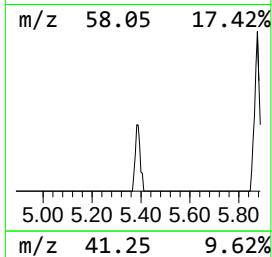
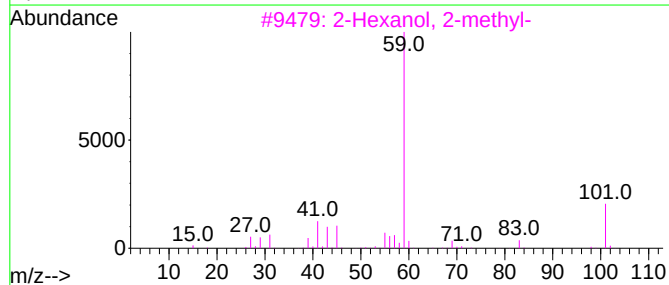
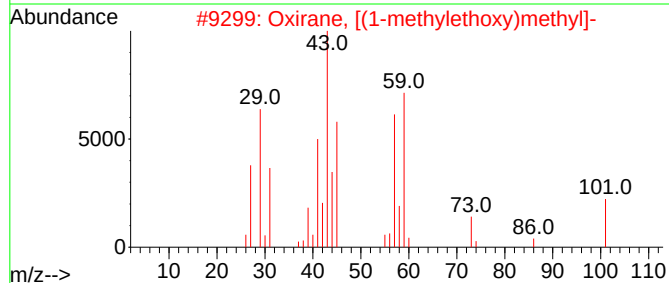
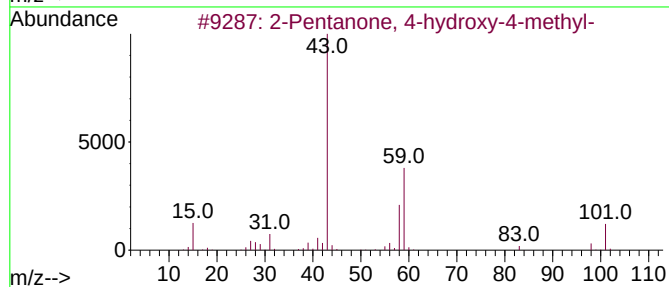
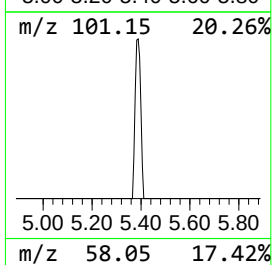
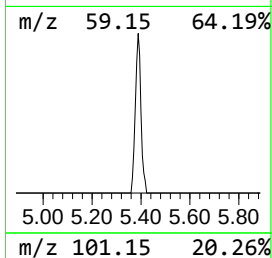
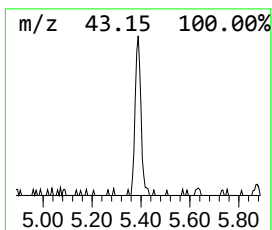
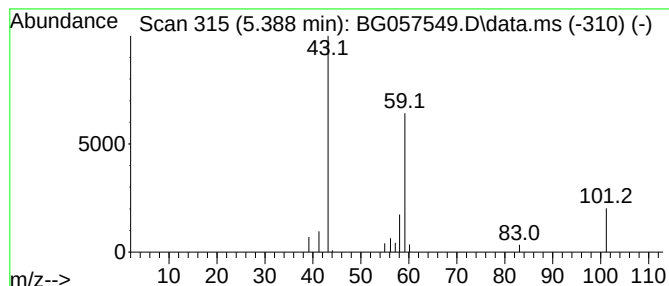
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.388	3.07 ng	19223	1,4-Dichlorobenzene-d4	8.355

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	72
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2		004016-14-2	64
3	2-Hexanol, 2-methyl-	116	C7H16O		000625-23-0	59
4	4-Pentene-2-ol, 2-methyl	100	C6H12O		000624-97-5	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O		000625-06-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

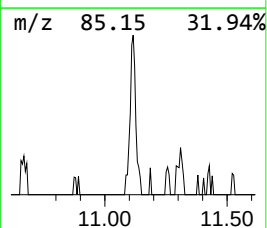
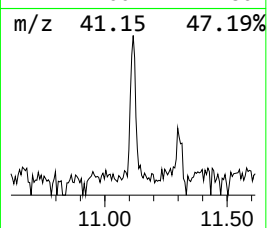
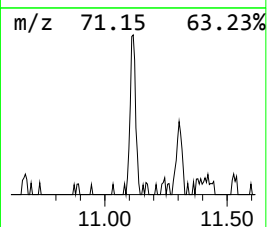
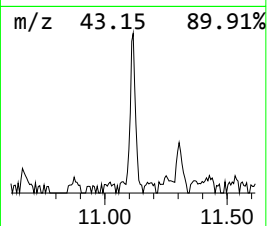
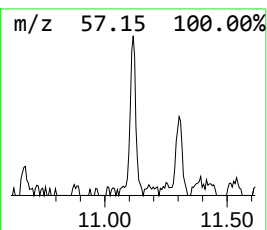
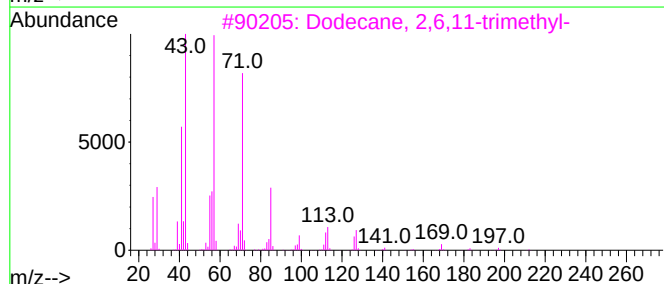
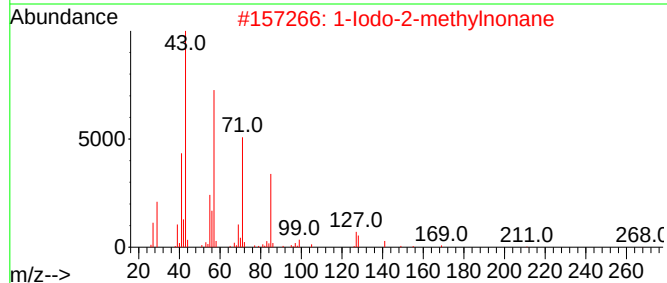
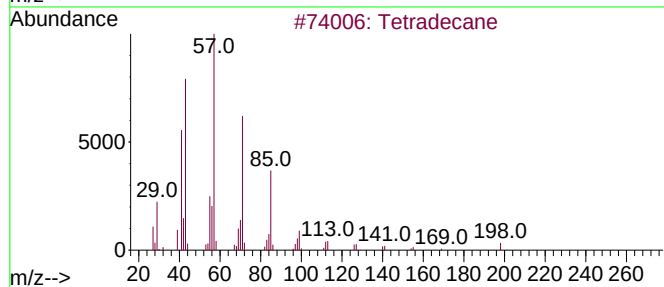
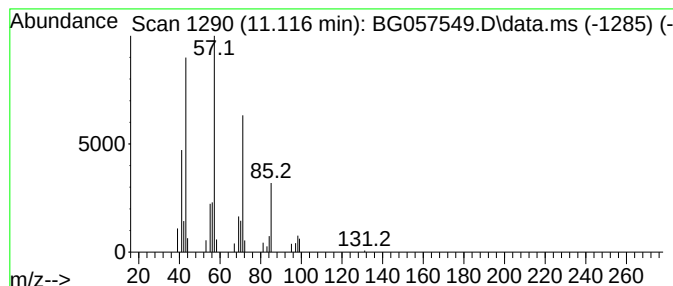
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	3.59 ng	31527	Naphthalene-d8	11.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	86
2			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

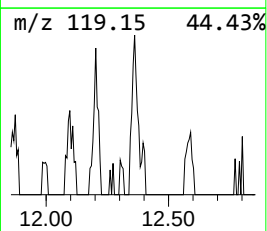
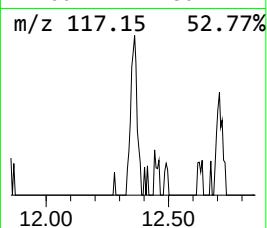
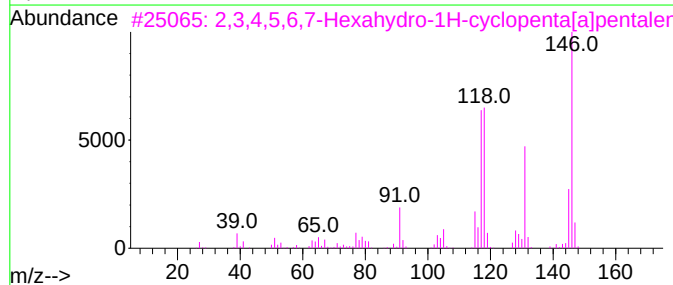
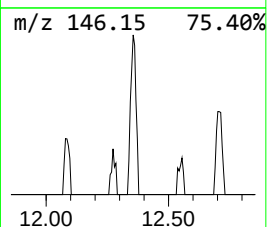
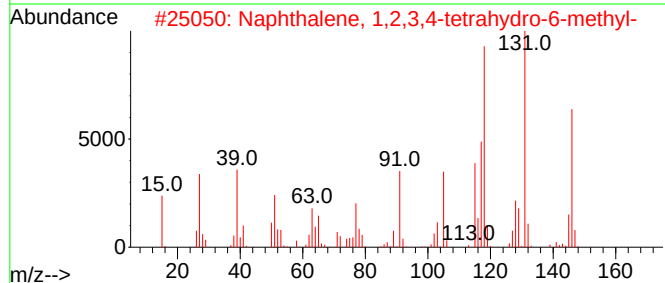
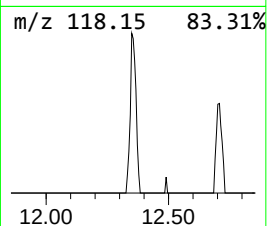
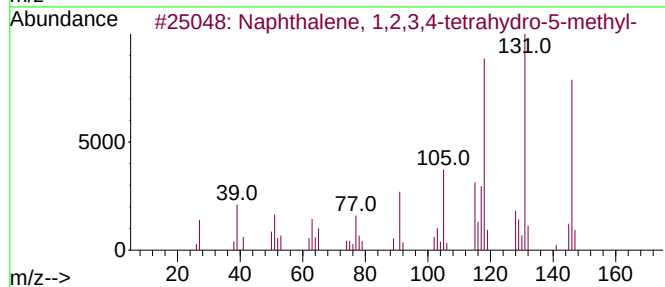
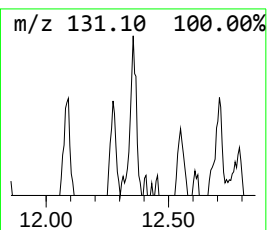
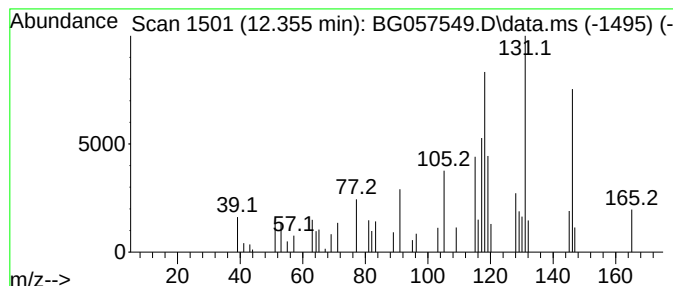
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.355	3.04 ng	26722	Naphthalene-d8	11.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	68
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60
5			1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

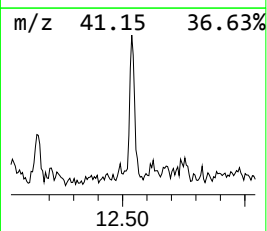
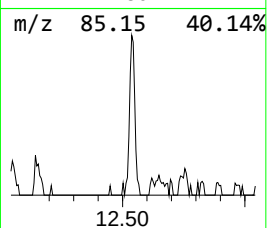
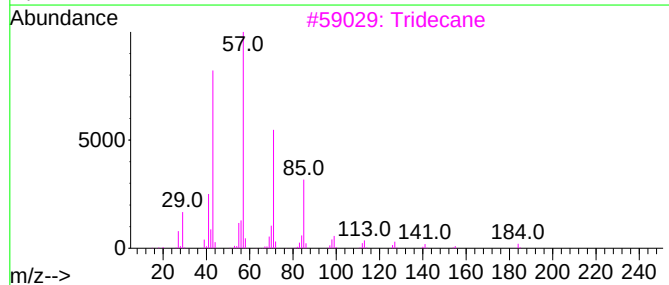
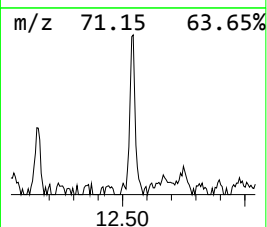
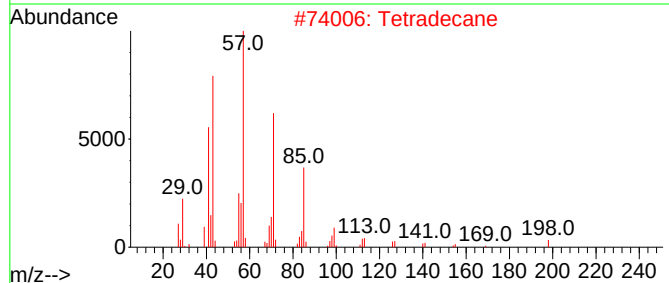
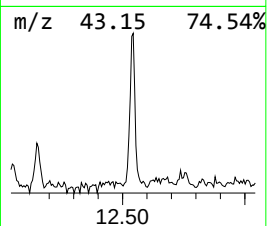
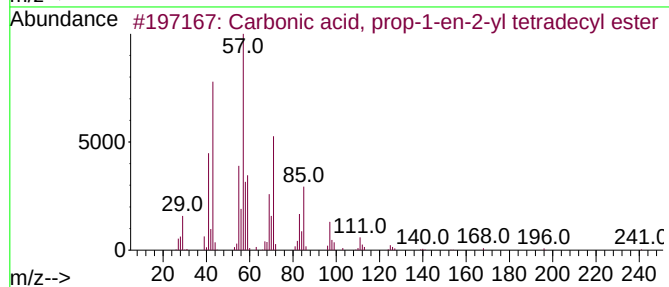
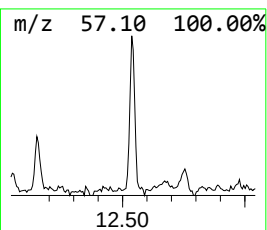
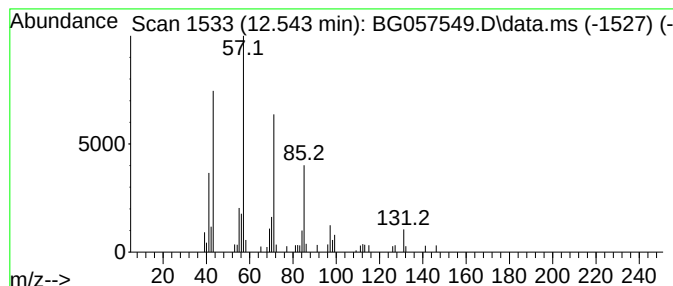
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Carbonic acid, prop-1-en-2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.543	6.24 ng	54771	Naphthalene-d8	11.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	86
2			Tetradecane	198	C14H30	000629-59-4	83
3			Tridecane	184	C13H28	000629-50-5	80
4			Nonadecane	268	C19H40	000629-92-5	80
5			Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

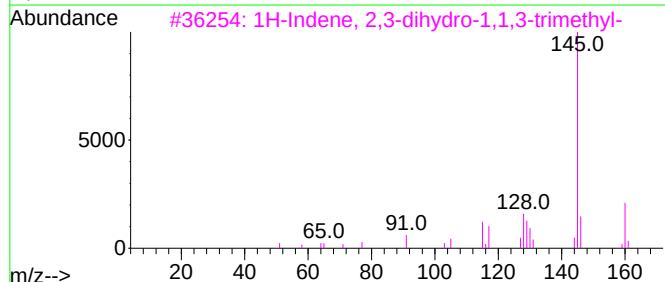
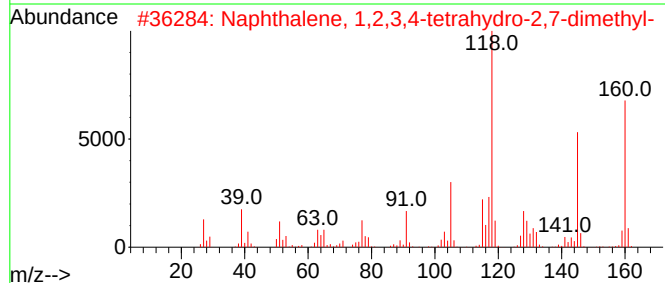
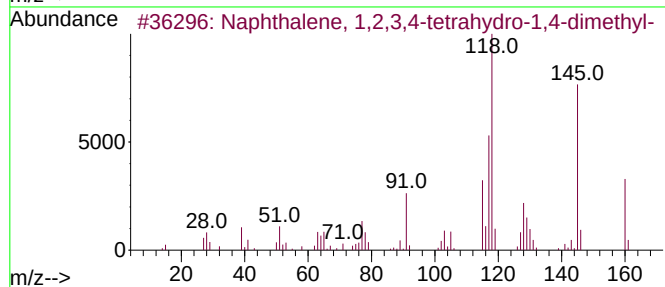
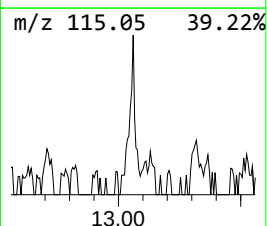
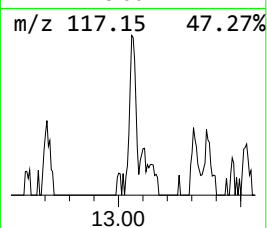
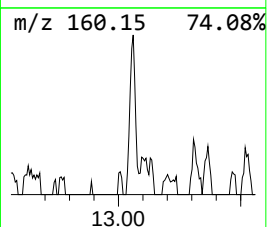
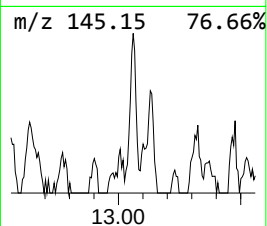
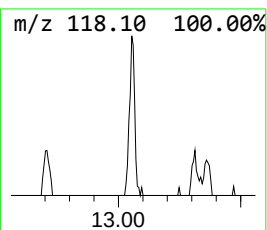
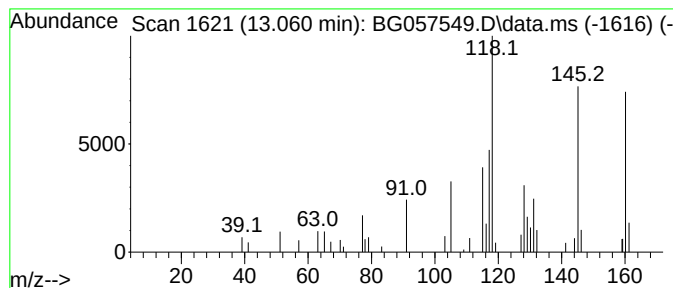
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.060	2.90 ng	25505	Naphthalene-d8	11.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
3			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	60
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

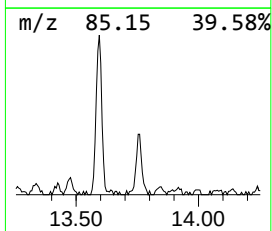
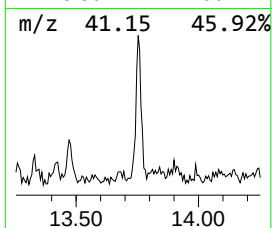
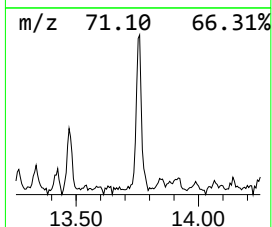
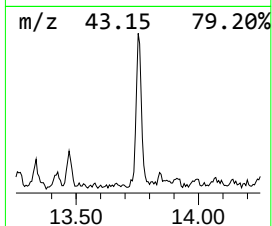
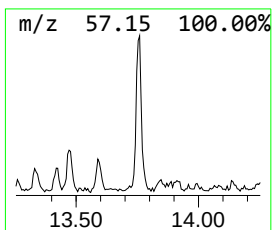
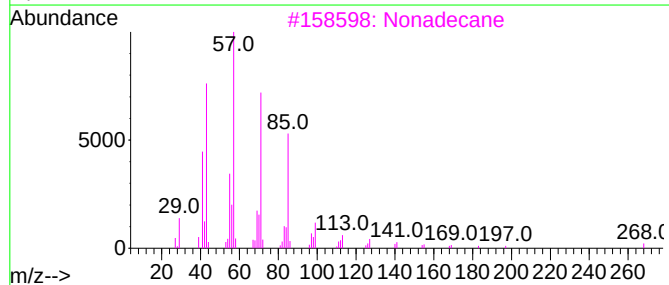
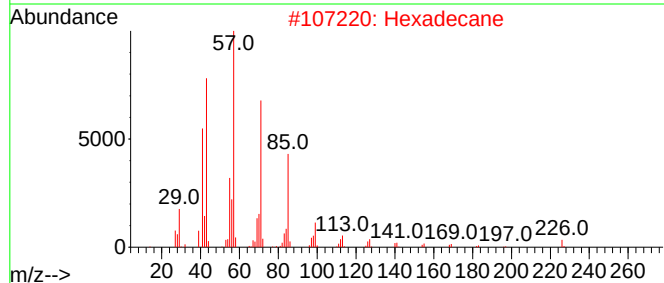
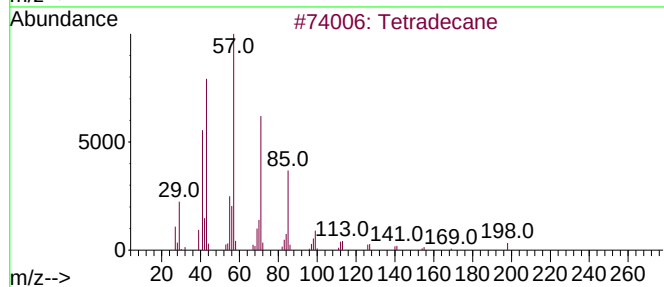
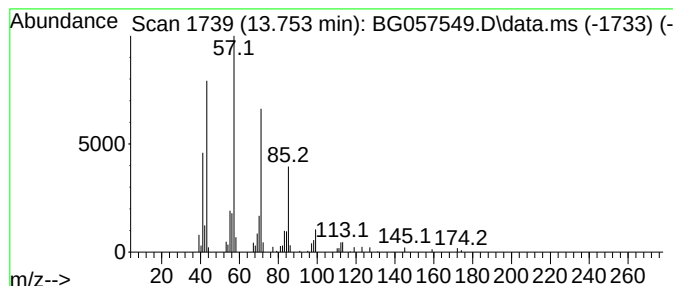
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.753	5.59 ng	74002	Acenaphthene-d10	14.969

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5		Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

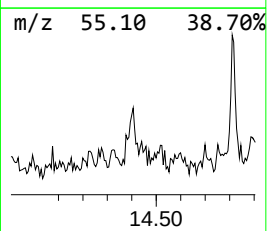
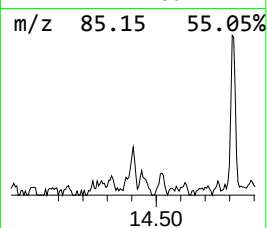
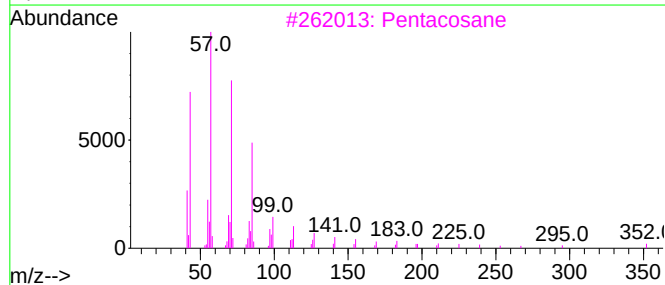
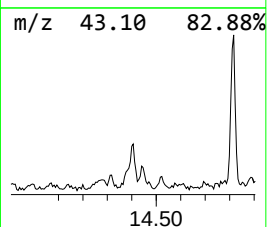
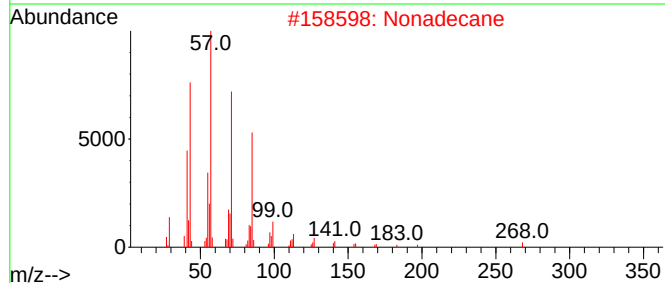
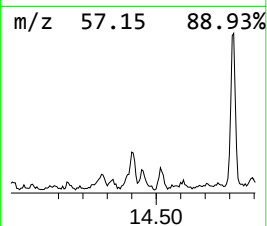
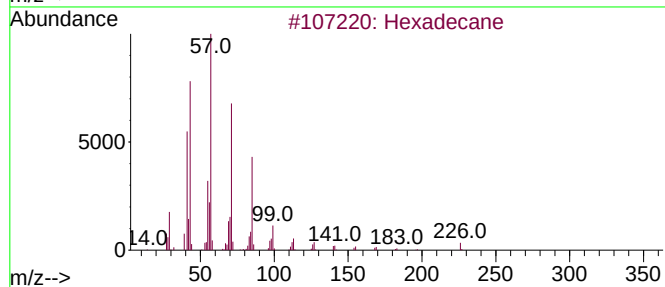
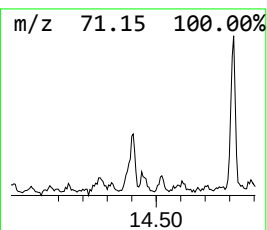
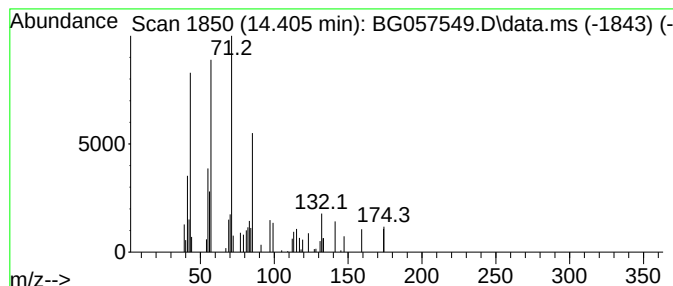
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.405	3.79 ng	50209	Acenaphthene-d10	14.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	58
2			Nonadecane	268	C19H40	000629-92-5	58
3			Pentacosane	352	C25H52	000629-99-2	58
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

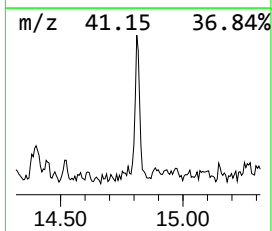
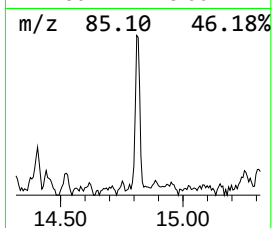
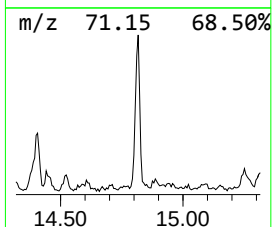
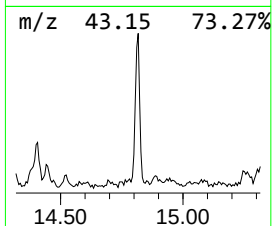
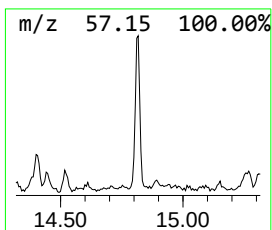
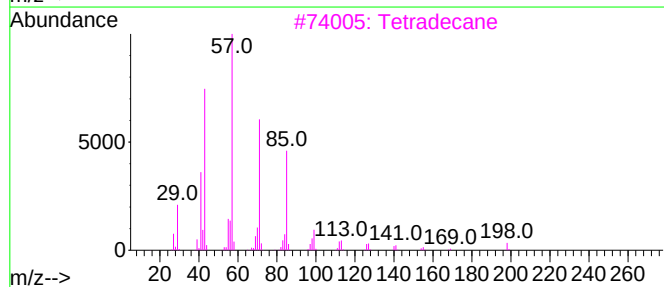
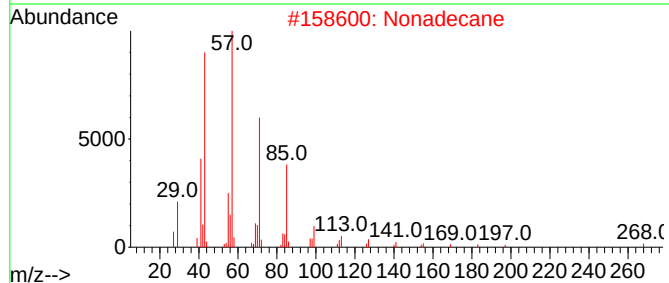
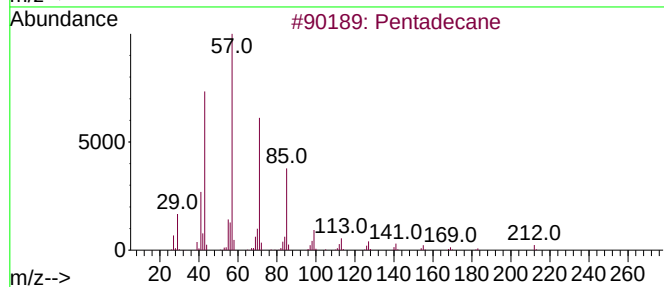
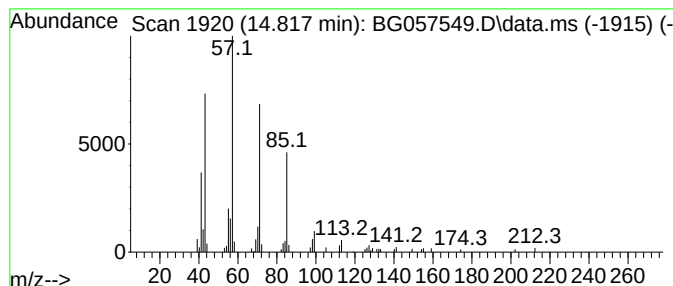
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.817	6.45 ng	85456	Acenaphthene-d10	14.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	94
2			Nonadecane	268	C19H40	000629-92-5	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Hexadecane	226	C16H34	000544-76-3	80
5			Dodecane	170	C12H26	000112-40-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

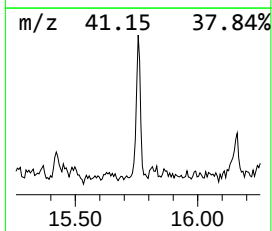
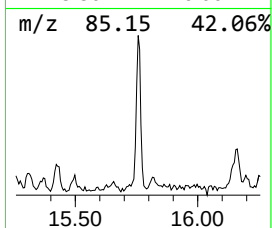
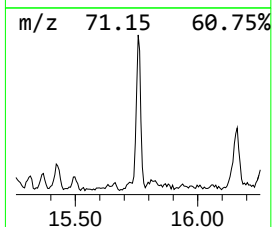
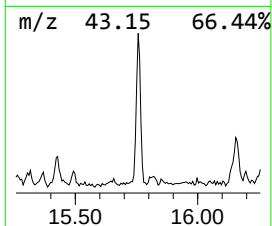
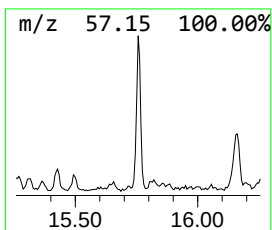
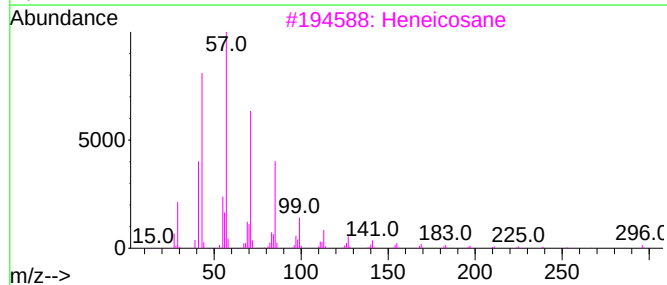
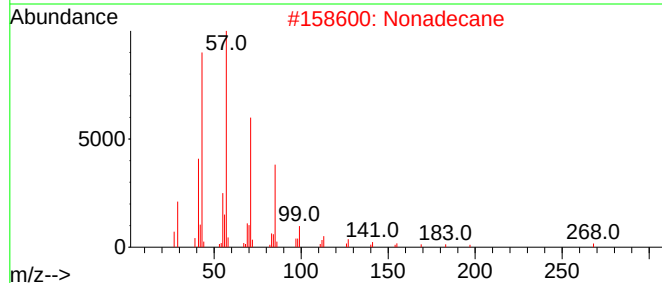
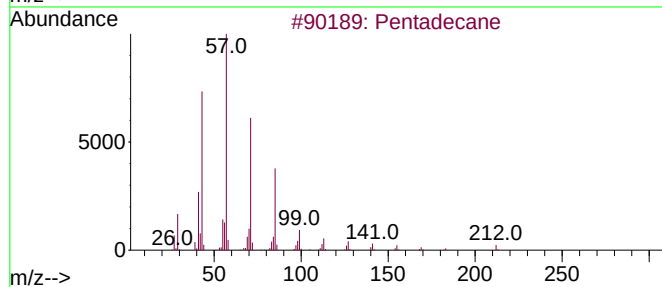
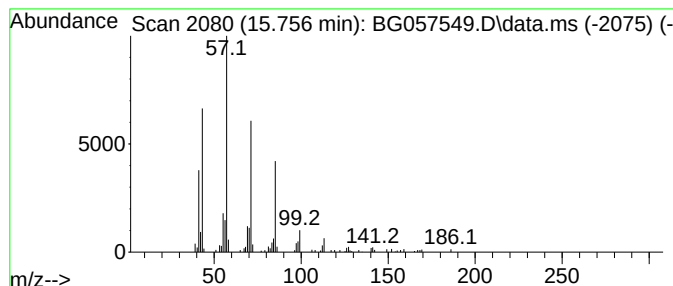
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	7.21 ng	95417	Acenaphthene-d10	14.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Nonadecane	268	C19H40	000629-92-5	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

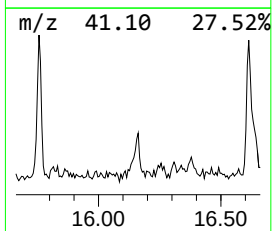
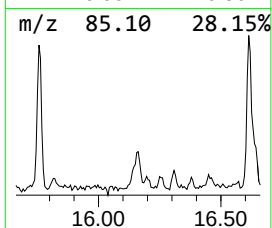
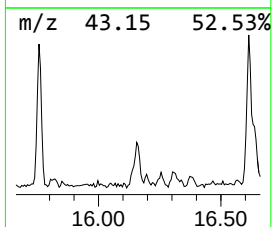
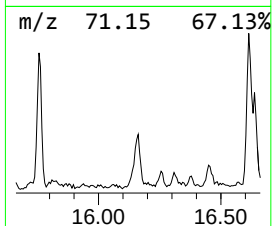
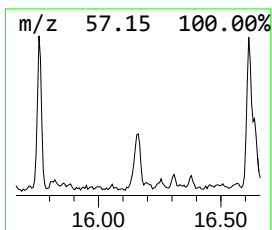
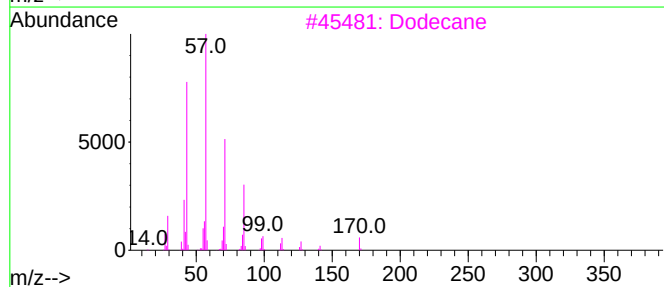
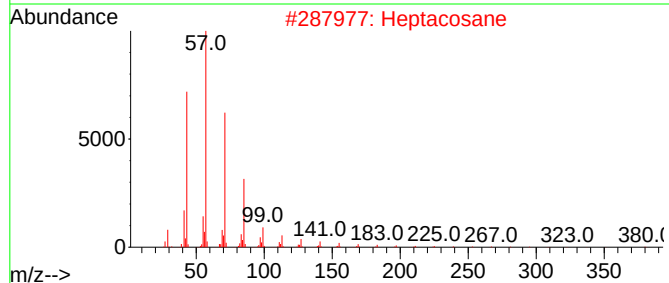
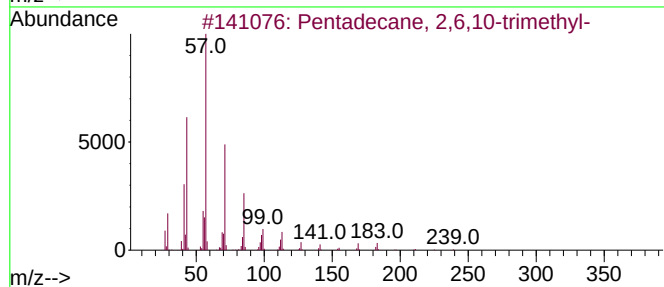
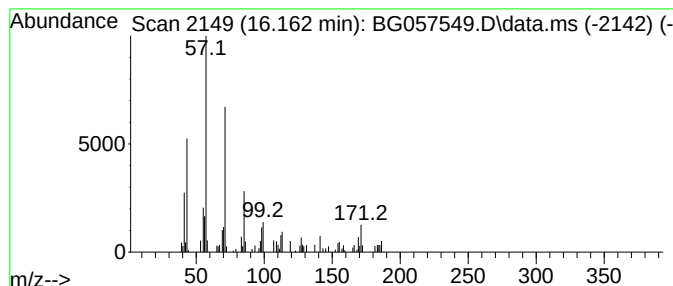
Instrument :
BNA_G
ClientSampleId :
EO-3-052323

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

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

Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.162	4.14 ng	54832	Acenaphthene-d10	14.969	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Heptacosane	380	C27H56	000593-49-7	59
3	Dodecane	170	C12H26	000112-40-3	58
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

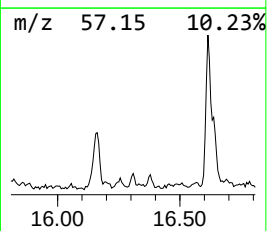
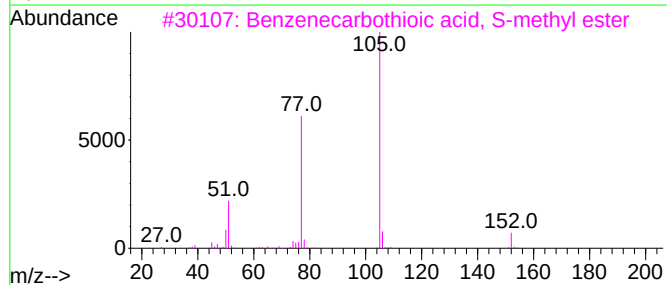
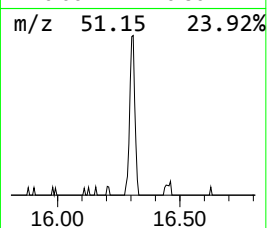
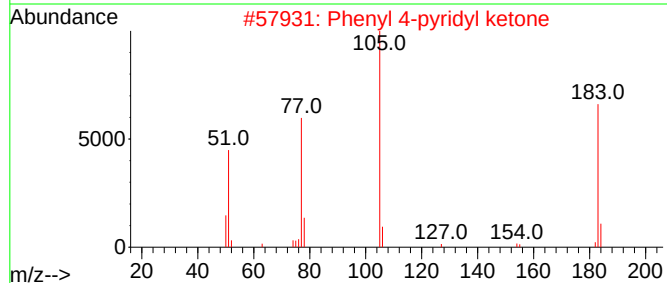
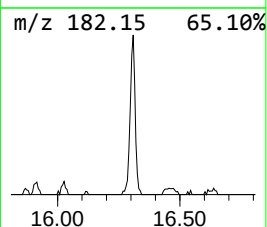
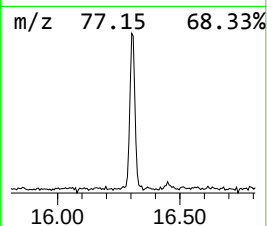
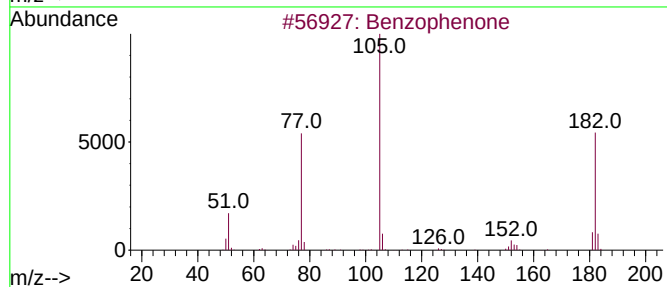
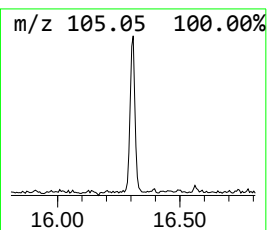
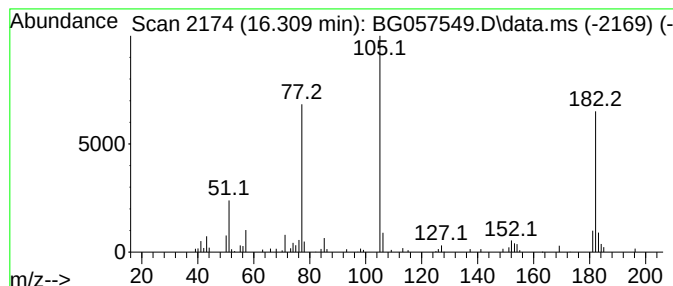
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.309	6.32 ng	83727	Acenaphthene-d10	14.969

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	43
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
4			Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	38
5			9-Borabicyclo[3.3.1]nonane, 9-et...	182	C10H19BS	1000155-58-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

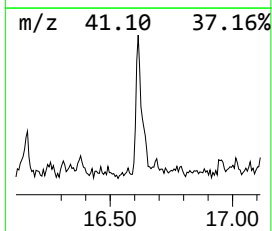
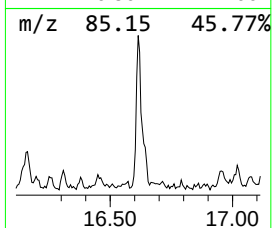
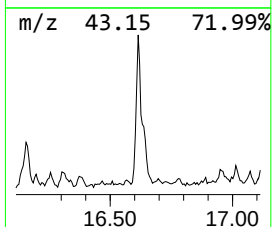
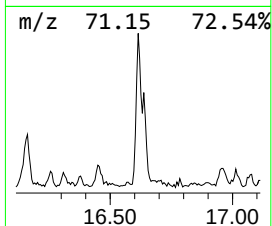
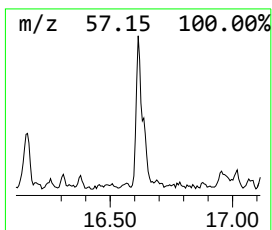
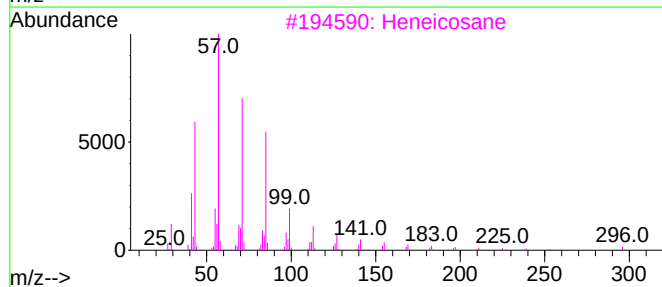
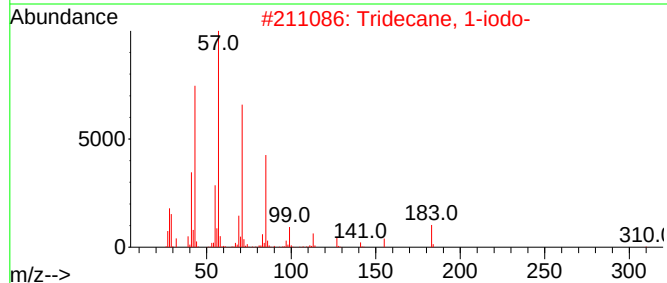
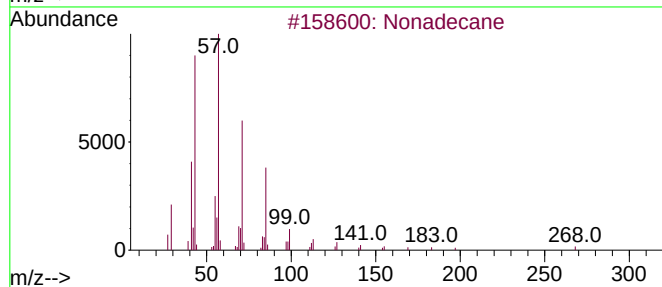
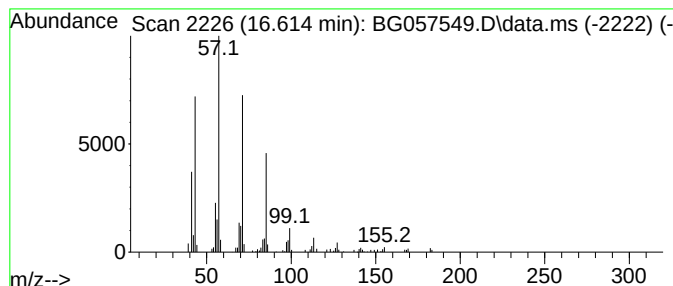
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.614	8.79 ng	147494	Phenanthrene-d10	17.713

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Pentadecane	212	C15H32	000629-62-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

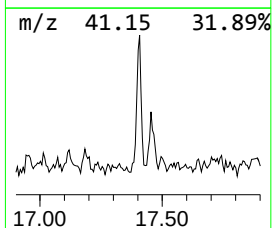
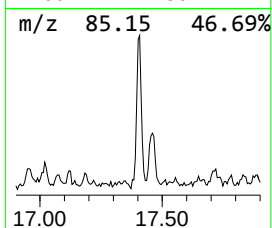
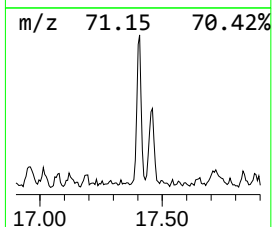
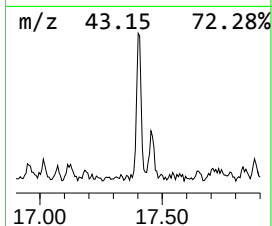
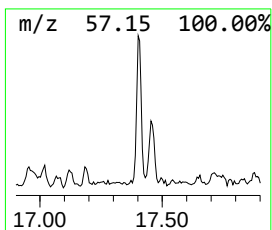
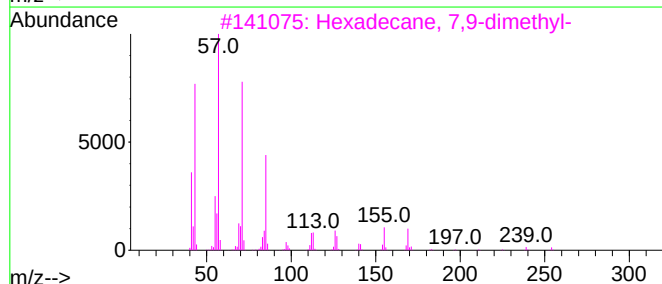
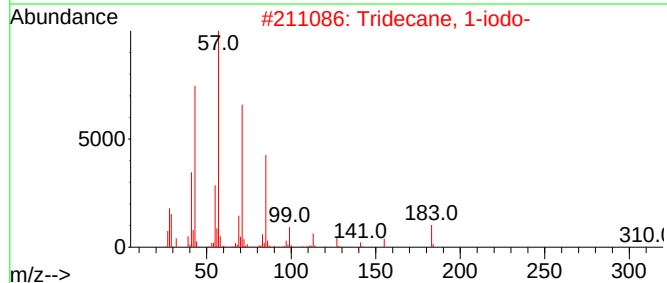
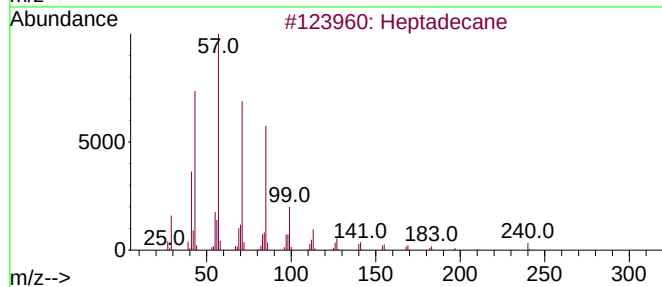
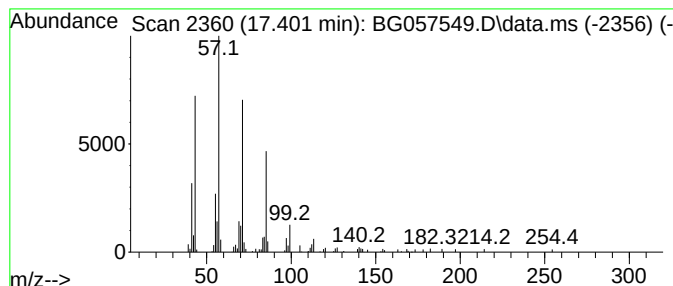
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.401	4.83 ng	81078	Phenanthrene-d10	17.713

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	81
4		Eicosane	282	C20H42	000112-95-8	80
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

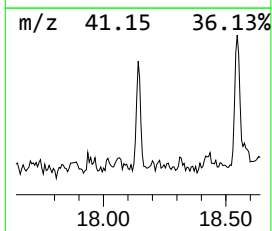
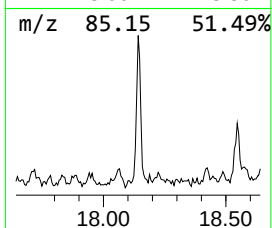
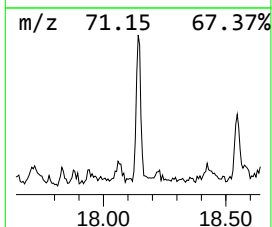
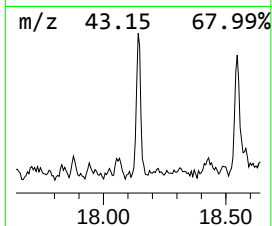
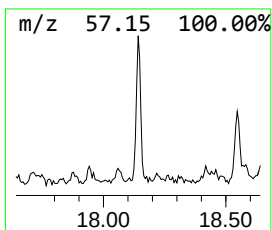
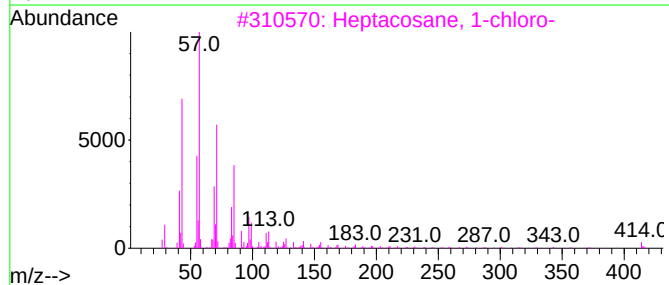
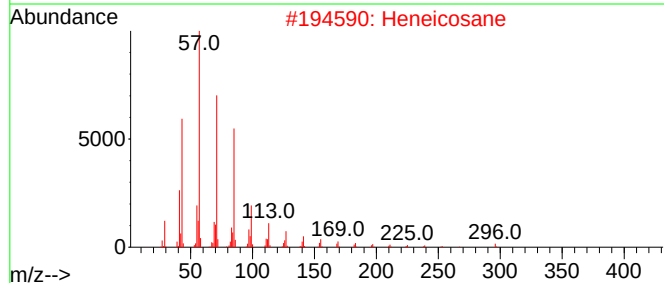
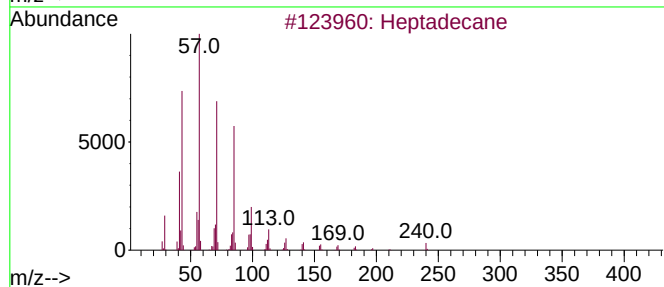
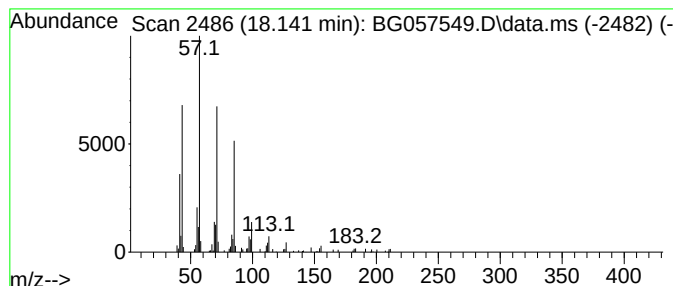
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane, 1-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	5.32 ng	89297	Phenanthrene-d10	17.713

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

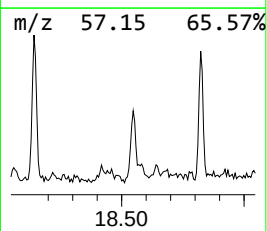
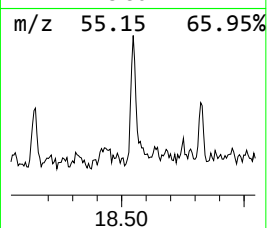
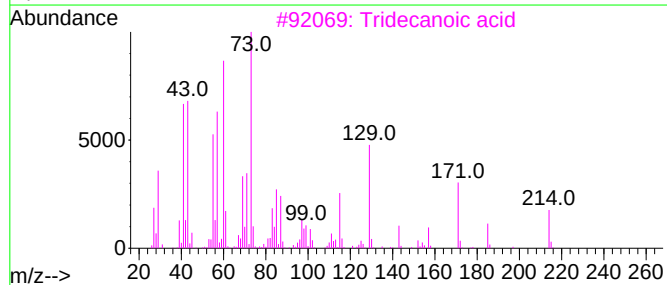
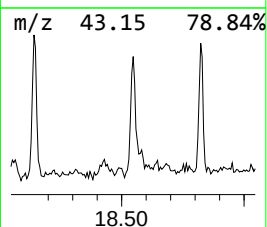
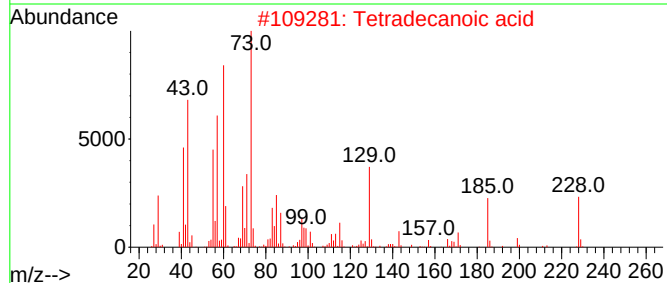
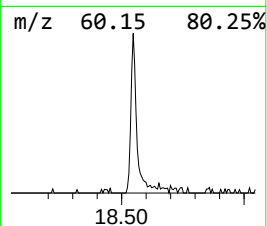
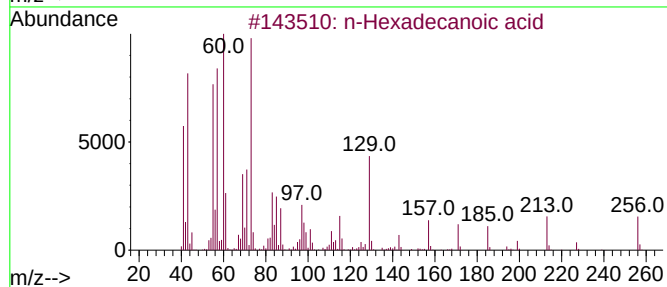
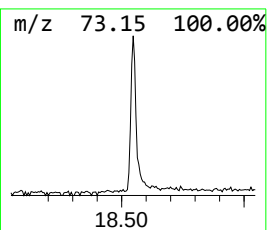
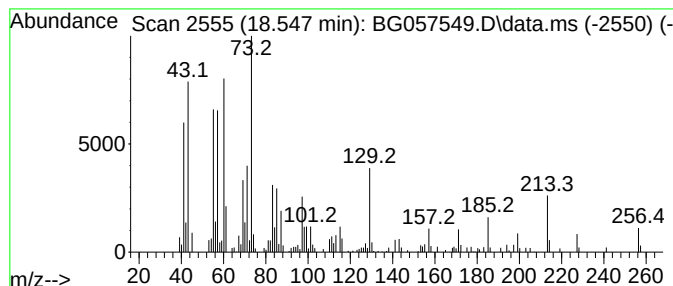
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.547	10.34 ng	173473	Phenanthrene-d10	17.713

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			n-Decanoic acid	172	C10H20O2	000334-48-5	89
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

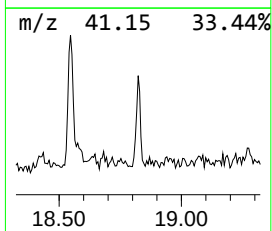
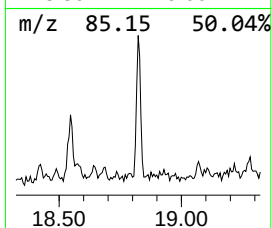
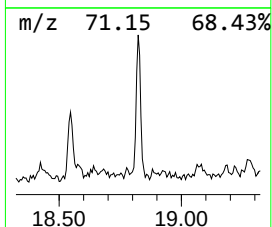
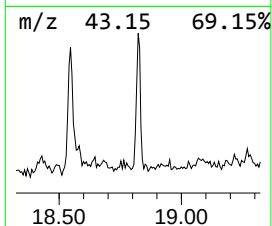
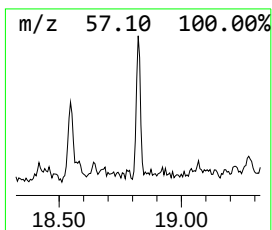
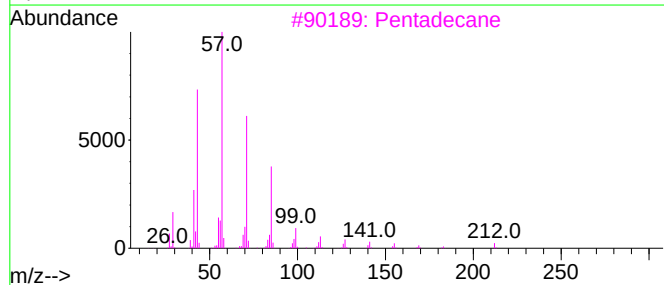
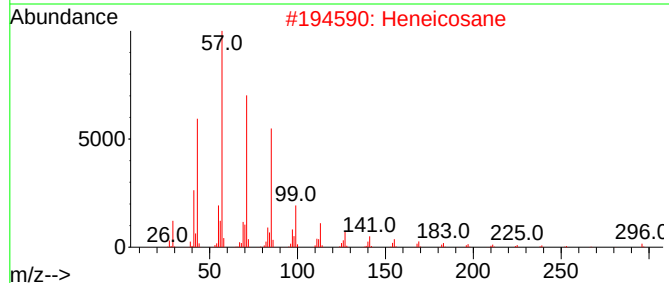
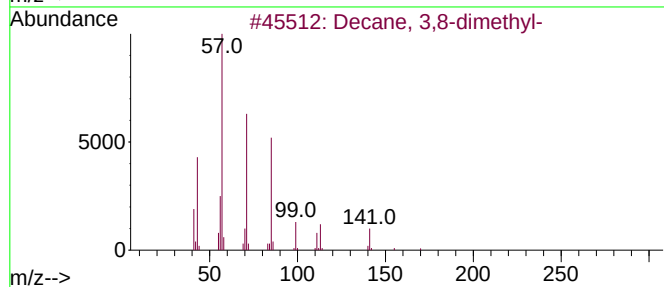
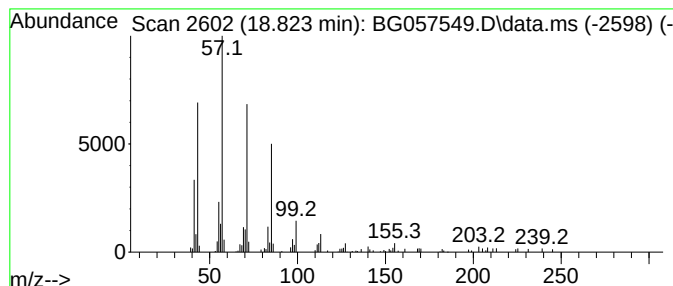
Instrument :
BNA_G
ClientSampleId :
EO-3-052323

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

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

Peak Number 16 Decane, 3,8-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.823	4.29 ng	72001	Phenanthrene-d10		17.713	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	87
2	Heneicosane		296	C21H44	000629-94-7	86
3	Pentadecane		212	C15H32	000629-62-9	86
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	86
5	Tetracosane		338	C24H50	000646-31-1	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

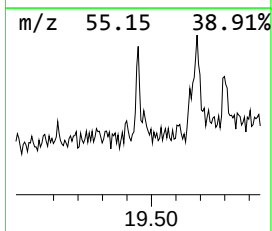
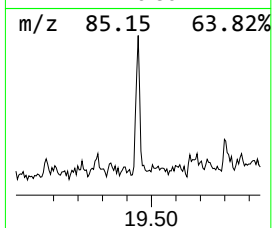
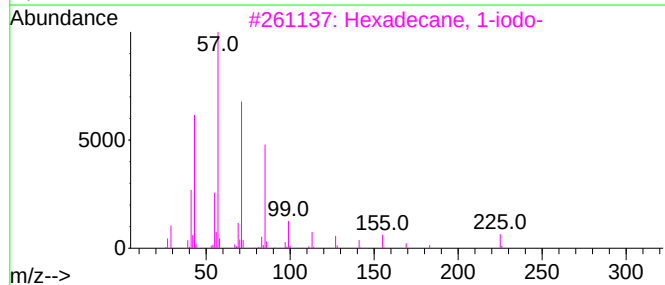
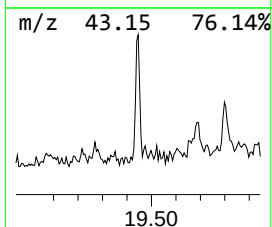
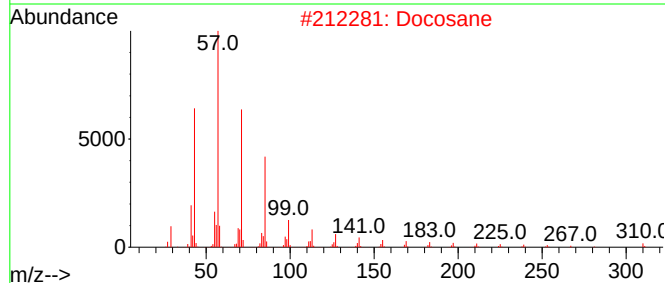
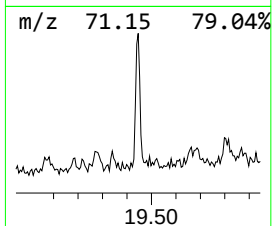
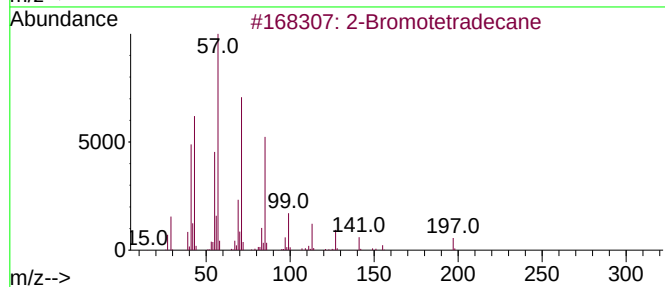
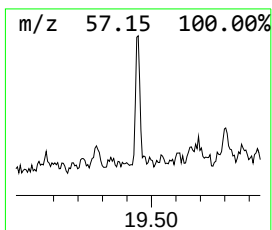
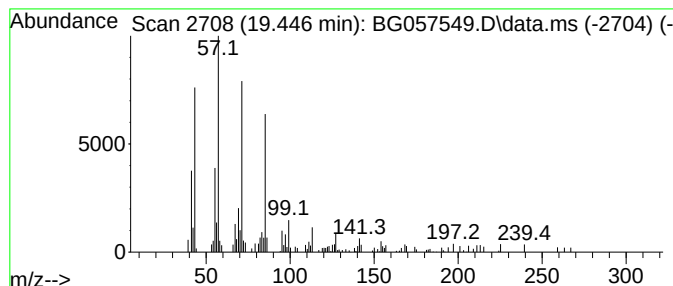
Instrument :
BNA_G
ClientSampleId :
EO-3-052323

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

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

Peak Number 17 2-Bromotetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.446	4.10 ng	68764	Phenanthrene-d10	17.713	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
2	Docosane	310	C22H46	000629-97-0	86
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

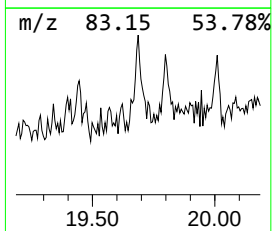
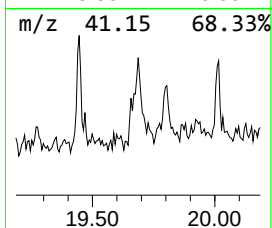
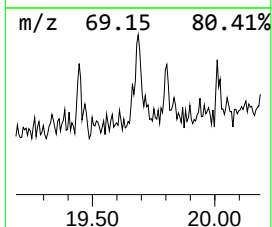
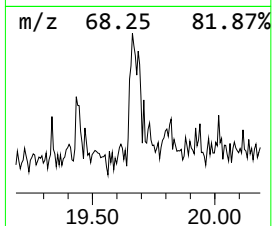
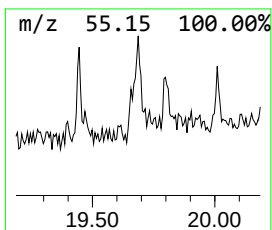
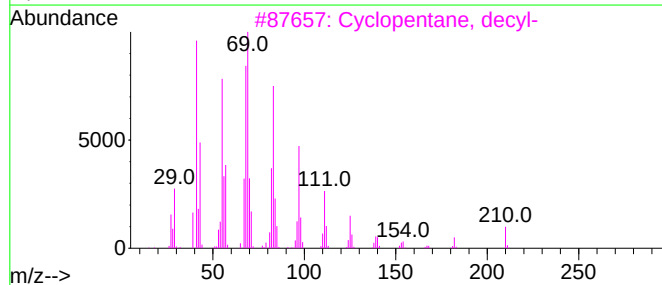
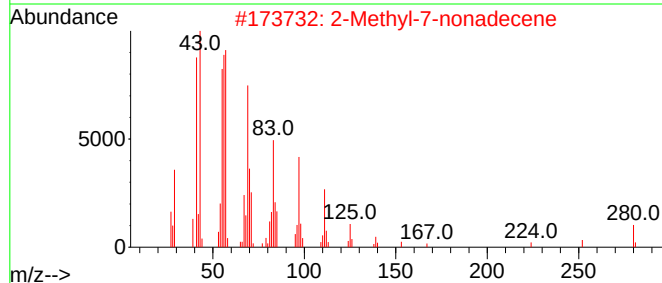
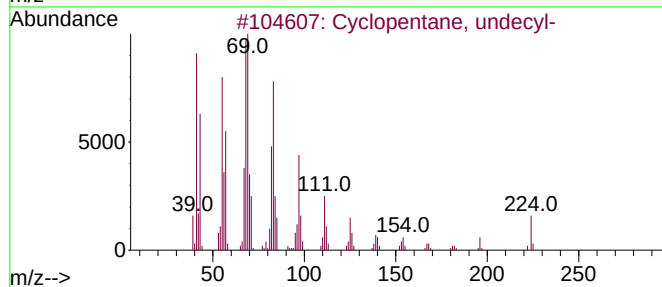
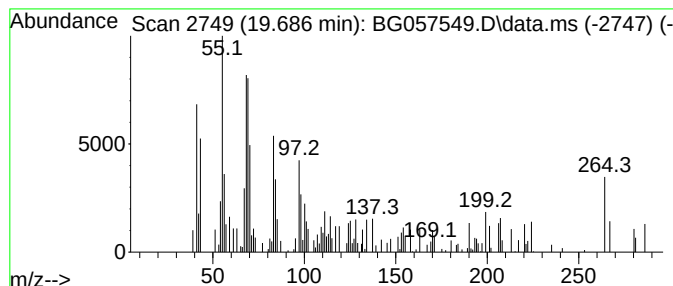
Instrument :
BNA_G
ClientSampleId :
EO-3-052323

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

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

Peak Number 18 Cyclopentane, undecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.686	2.91 ng	48821	Phenanthrene-d10		17.713	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopentane, undecyl-		224	C16H32	006785-23-5	89
2	2-Methyl-7-nonadecene		280	C20H40	219750-68-2	62
3	Cyclopentane, decyl-		210	C15H30	001795-21-7	53
4	Cyclopentane, (1-methylethyl)-		112	C8H16	003875-51-2	50
5	7-Hexadecene, (Z)-		224	C16H32	035507-09-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

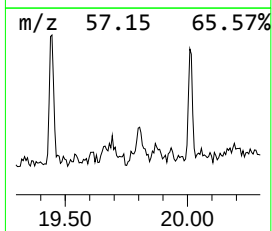
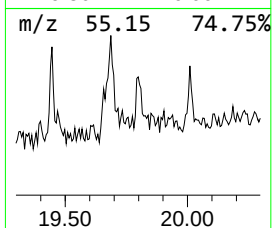
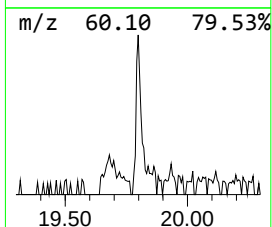
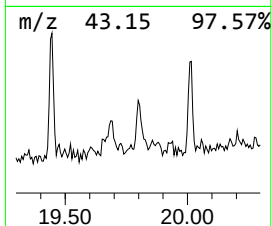
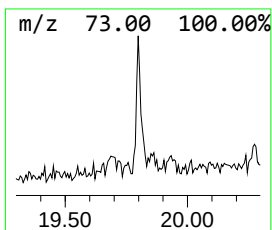
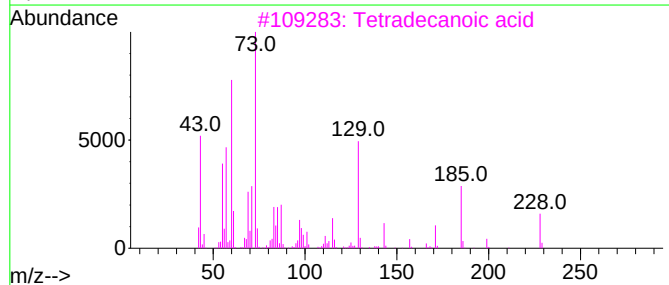
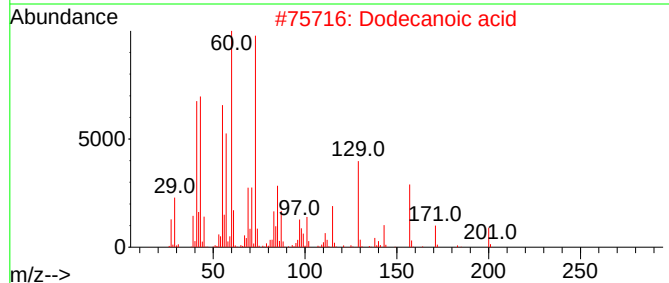
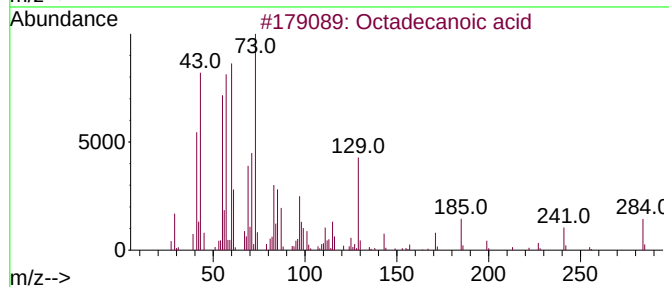
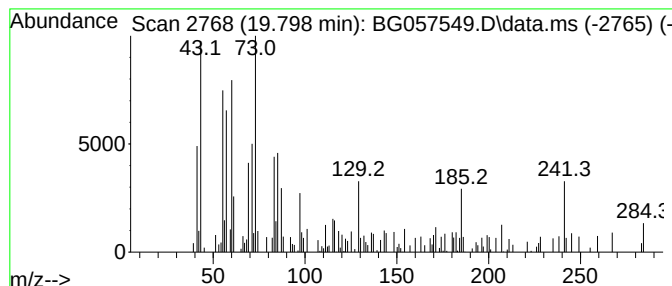
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.798	3.20 ng	53740	Phenanthrene-d10	17.713

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	60
2		Dodecanoic acid	200	C12H24O2	000143-07-7	55
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

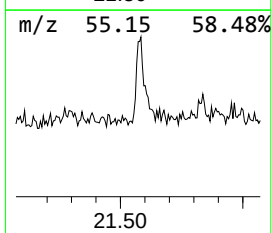
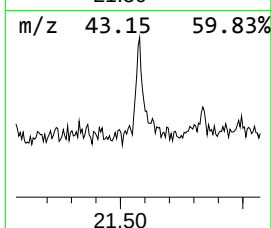
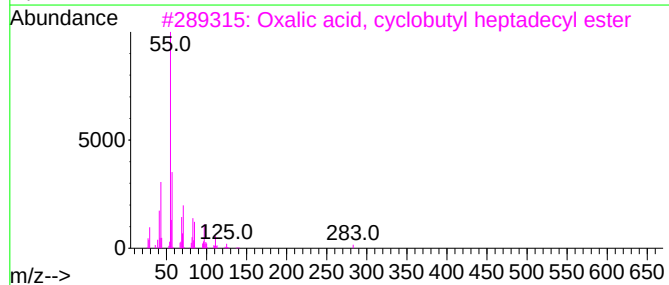
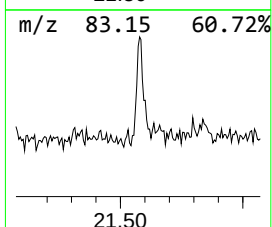
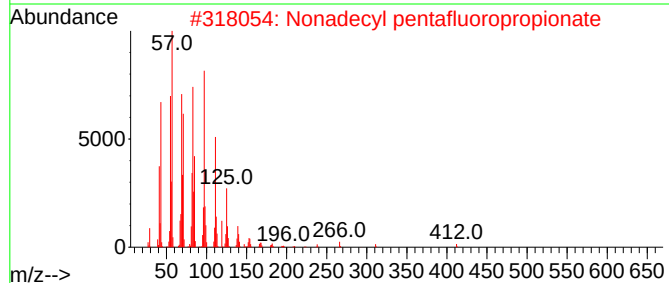
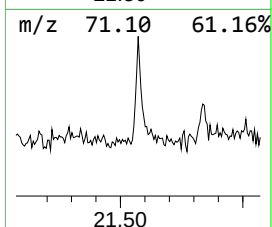
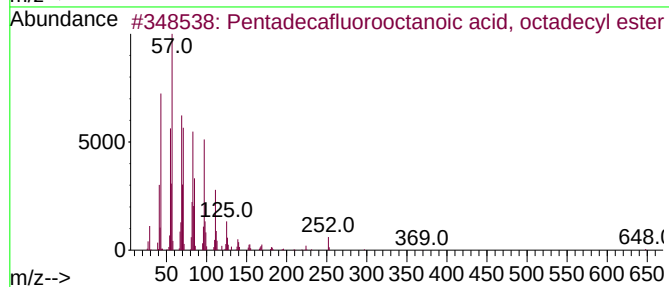
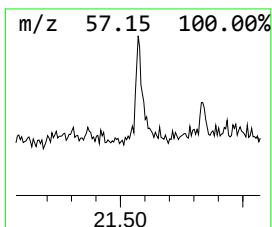
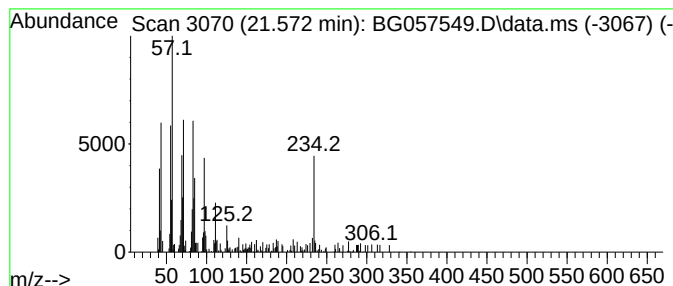
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.572	6.42 ng	112785	Chrysene-d12	22.019

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	58
2			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	58
3			Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	58
4			Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	58
5			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
Data File : BG057549.D
Acq On : 25 May 2023 1:06
Operator : CG/JU
Sample : 02904-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-3-052323

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.388	3.1	ng	19223	1	8.355	125219	20.0
Tetradecane	11.116	3.6	ng	31527	2	11.192	175613	20.0
Naphthalene, 1,...	12.355	3.0	ng	26722	2	11.192	175613	20.0
Carbonic acid, ...	12.543	6.2	ng	54771	2	11.192	175613	20.0
Naphthalene, 1,...	13.060	2.9	ng	25505	2	11.192	175613	20.0
Hexadecane	13.753	5.6	ng	74002	3	14.969	264850	20.0
Nonadecane	14.405	3.8	ng	50209	3	14.969	264850	20.0
Pentadecane	14.817	6.5	ng	85456	3	14.969	264850	20.0
Heneicosane	15.757	7.2	ng	95417	3	14.969	264850	20.0
Pentadecane, 2,...	16.162	4.1	ng	54832	3	14.969	264850	20.0
Benzophenone	16.309	6.3	ng	83727	3	14.969	264850	20.0
Tridecane, 1-iodo-	16.614	8.8	ng	147494	4	17.713	335568	20.0
Heptadecane	17.401	4.8	ng	81078	4	17.713	335568	20.0
Heptacosane, 1-...	18.142	5.3	ng	89297	4	17.713	335568	20.0
n-Hexadecanoic ...	18.547	10.3	ng	173473	4	17.713	335568	20.0
Decane, 3,8-dim...	18.823	4.3	ng	72001	4	17.713	335568	20.0
2-Bromotetradecane	19.446	4.1	ng	68764	4	17.713	335568	20.0
Cyclopentane, u...	19.686	2.9	ng	48821	4	17.713	335568	20.0
Octadecanoic acid	19.798	3.2	ng	53740	4	17.713	335568	20.0
Pentadecafluoro...	21.572	6.4	ng	112785	5	22.019	351082	20.0