

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054812.D
 Acq On : 31 Aug 2022 18:49
 Operator : CG/JU
 Sample : N4421-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-PALM-SP-01

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-BG082522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054812.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.214	323	328	338	rVB	15248	27140	1.21%	0.166%
2	5.690	401	409	416	rBV	45887	78214	3.49%	0.480%
3	7.112	642	651	658	rBV5	11531	25653	1.14%	0.157%
4	7.294	674	682	691	rBV2	62931	133245	5.95%	0.817%
5	8.046	802	810	816	rBV8	11467	35759	1.60%	0.219%
6	8.105	816	820	823	rVV	33578	52550	2.34%	0.322%
7	8.152	823	828	834	rVB	169525	286800	12.80%	1.759%
8	8.264	843	847	852	rBV4	12841	26847	1.20%	0.165%
9	8.322	852	857	862	rVV3	20126	35907	1.60%	0.220%
10	8.428	871	875	881	rVB	19437	29596	1.32%	0.182%
11	8.704	918	922	931	rVB7	23068	51109	2.28%	0.313%
12	8.787	931	936	941	rBV7	13580	31973	1.43%	0.196%
13	8.922	949	959	966	rBV10	9308	33509	1.50%	0.206%
14	8.992	966	971	977	rBV4	24473	54131	2.42%	0.332%
15	9.257	1005	1016	1022	rBV2	57720	147583	6.58%	0.905%
16	9.327	1022	1028	1029	rBV2	31207	48562	2.17%	0.298%
17	9.462	1046	1051	1053	rBV3	21089	32854	1.47%	0.201%
18	9.615	1066	1077	1084	rBV6	27208	79570	3.55%	0.488%
19	9.715	1087	1094	1100	rVV9	13608	44169	1.97%	0.271%
20	9.785	1101	1106	1111	rVV	50635	88872	3.97%	0.545%
21	9.844	1112	1116	1119	rVV4	22211	39154	1.75%	0.240%
22	9.885	1119	1123	1133	rVB4	40118	91118	4.07%	0.559%
23	10.026	1139	1147	1151	rBV4	19193	57813	2.58%	0.355%
24	10.079	1151	1156	1160	rVB3	38280	65966	2.94%	0.405%
25	10.144	1162	1167	1172	rVV6	42235	76214	3.40%	0.467%
26	10.367	1198	1205	1211	rBV4	38471	91667	4.09%	0.562%
27	10.538	1228	1234	1243	rBV7	24727	68344	3.05%	0.419%
28	10.673	1250	1257	1263	rBV4	31303	73265	3.27%	0.449%
29	10.743	1263	1269	1273	rBV5	22523	44290	1.98%	0.272%
30	10.814	1277	1281	1284	rBV4	18231	28582	1.28%	0.175%
31	10.855	1284	1288	1294	rBV4	19664	34412	1.54%	0.211%
32	10.919	1295	1299	1303	rBV3	54778	99931	4.46%	0.613%
33	10.978	1303	1309	1315	rVB	245015	434527	19.39%	2.665%
34	11.107	1325	1331	1337	rVB	179145	319845	14.27%	1.962%
35	11.178	1338	1343	1350	rBV6	53611	127184	5.67%	0.780%
36	11.331	1363	1369	1374	rBV6	25673	62794	2.80%	0.385%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054812.D
 Acq On : 31 Aug 2022 18:49
 Operator : CG/JU
 Sample : N4421-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-PALM-SP-01

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-BG082522.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.389	1375	1379	1383	rVV5	23845	47839	2.13%	0.293%
38	11.454	1385	1390	1396	rVB4	52186	107202	4.78%	0.657%
39	11.660	1421	1425	1431	rVB3	83832	155326	6.93%	0.953%
40	11.789	1442	1447	1455	rBV7	45040	101932	4.55%	0.625%
41	11.871	1456	1461	1468	rVV8	51054	131442	5.86%	0.806%
42	11.971	1472	1478	1482	rVV	259816	422851	18.87%	2.593%
43	12.012	1482	1485	1489	rVV4	77635	127454	5.69%	0.782%
44	12.059	1490	1493	1500	rVB4	53290	95751	4.27%	0.587%
45	12.159	1505	1510	1516	rVB7	48571	83172	3.71%	0.510%
46	12.241	1521	1524	1528	rVB3	31004	42875	1.91%	0.263%
47	12.359	1539	1544	1551	rBV4	85471	168129	7.50%	1.031%
48	12.576	1575	1581	1587	rVB3	96329	192331	8.58%	1.180%
49	12.764	1609	1613	1615	rBV3	43372	62968	2.81%	0.386%
50	12.835	1623	1625	1635	rVB4	59088	95214	4.25%	0.584%
51	12.988	1646	1651	1656	rBV3	79655	163700	7.30%	1.004%
52	13.058	1659	1663	1672	rVB2	108729	229527	10.24%	1.408%
53	13.305	1700	1705	1712	rVB	385636	559058	24.94%	3.429%
54	13.405	1718	1722	1727	rVB	92193	148980	6.65%	0.914%
55	13.587	1747	1753	1762	rBV3	152554	401998	17.94%	2.465%
56	14.104	1837	1841	1846	rVB4	115386	185185	8.26%	1.136%
57	14.157	1846	1850	1854	rBV2	127835	177074	7.90%	1.086%
58	14.210	1855	1859	1860	rVV	116501	152269	6.79%	0.934%
59	14.245	1860	1865	1869	rVB2	558078	832249	37.13%	5.104%
60	14.527	1907	1913	1918	rBV8	85864	213456	9.52%	1.309%
61	14.609	1922	1927	1931	rVV3	150608	234755	10.47%	1.440%
62	14.656	1931	1935	1943	rVV3	95826	198007	8.83%	1.214%
63	14.744	1944	1950	1952	rBV3	122342	266539	11.89%	1.635%
64	14.786	1953	1957	1962	rVB	395537	624663	27.87%	3.831%
65	14.856	1966	1969	1973	rBV3	85401	122694	5.47%	0.752%
66	15.162	2017	2021	2027	rVB3	126062	237332	10.59%	1.456%
67	15.397	2057	2061	2065	rBV2	145493	240516	10.73%	1.475%
68	15.567	2087	2090	2093	rBV3	101955	126671	5.65%	0.777%
69	16.008	2160	2165	2175	rVB	608433	1075963	48.01%	6.599%
70	16.225	2200	2202	2206	rVB2	135835	165810	7.40%	1.017%
71	16.489	2240	2247	2252	rBV	1376073	2241215	100.00%	13.745%
72	17.312	2382	2387	2392	rBV	868991	1331438	59.41%	8.166%
73	17.535	2421	2425	2430	rVB	399040	546605	24.39%	3.352%
74	17.923	2488	2491	2496	rVB	314890	448567	20.01%	2.751%
75	19.321	2726	2729	2733	rVB	420507	487364	21.75%	2.989%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

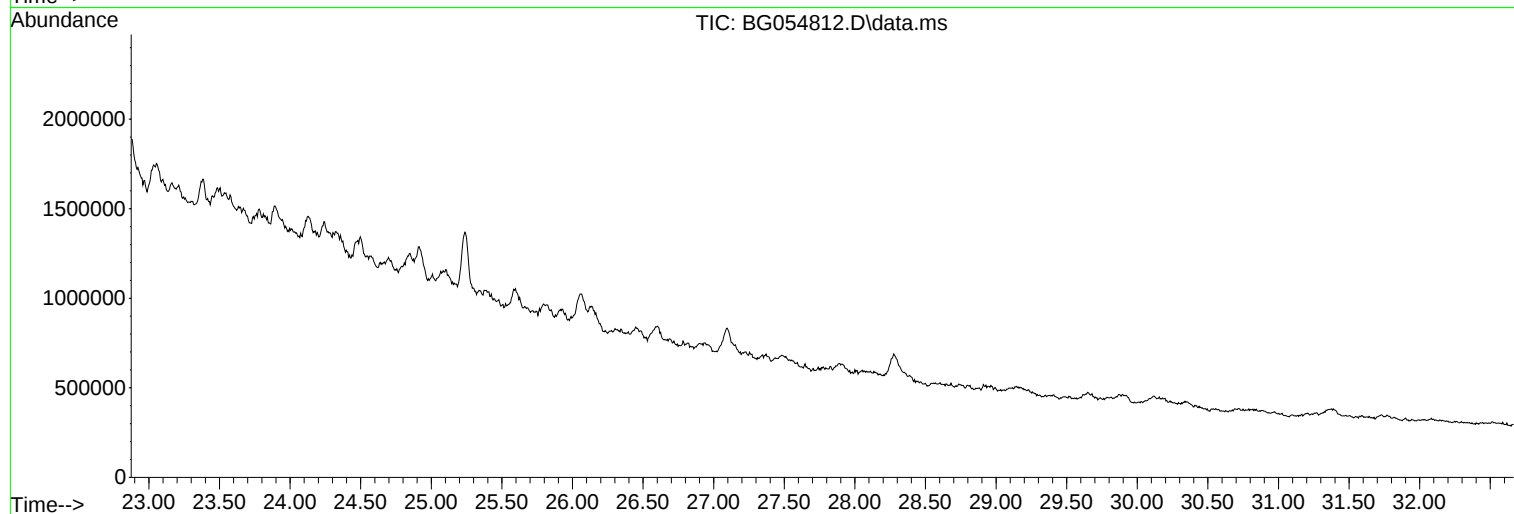
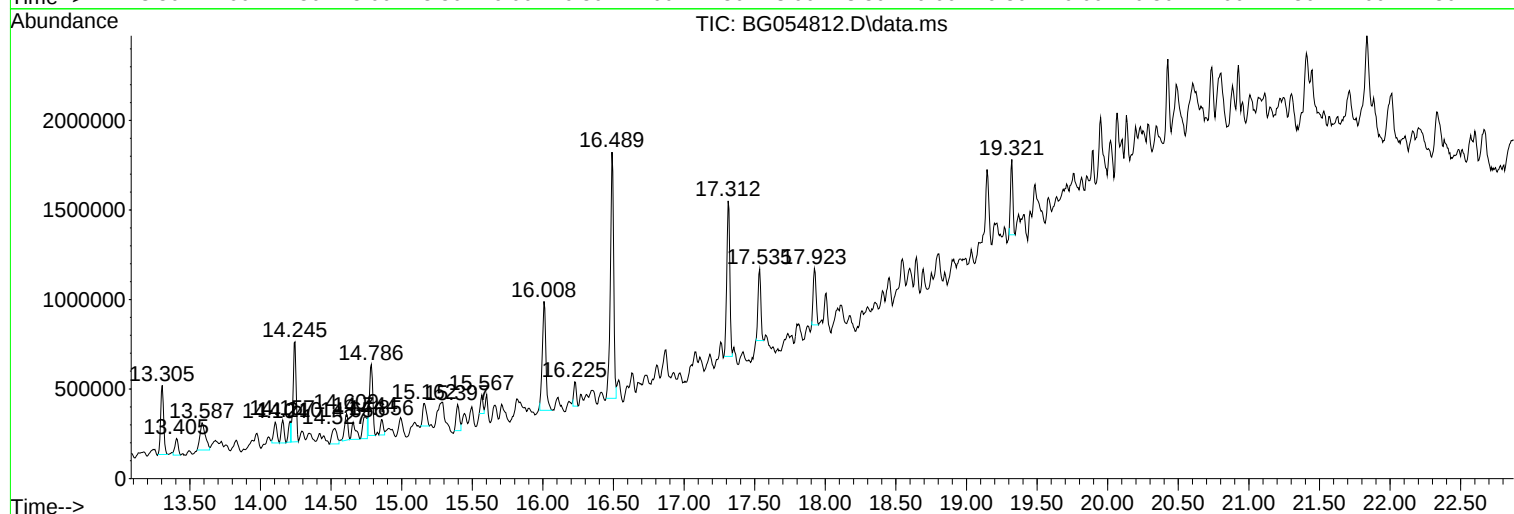
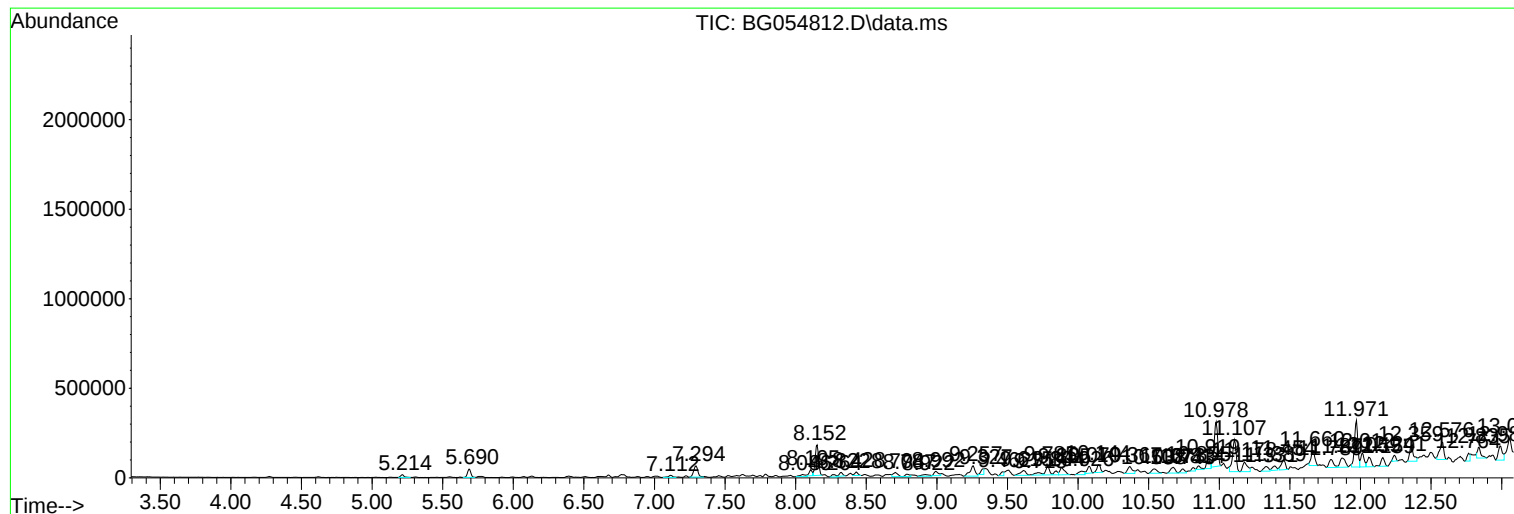
Sum of corrected areas: 16305270

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

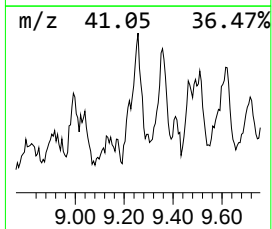
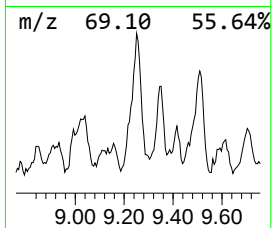
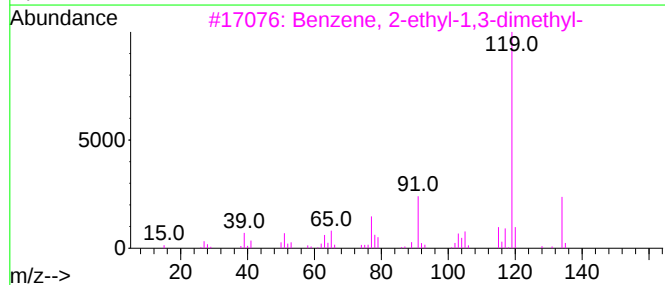
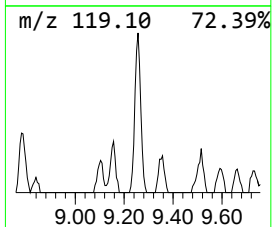
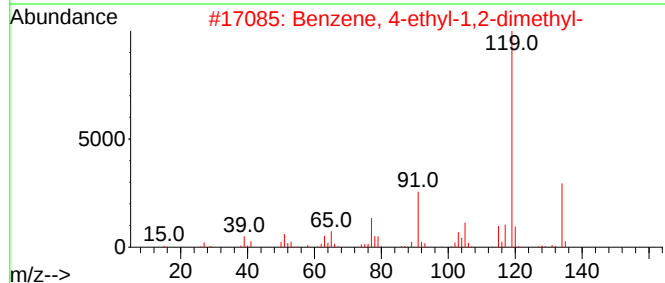
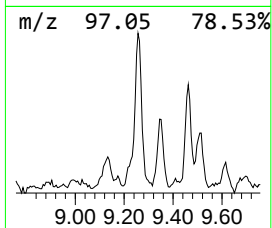
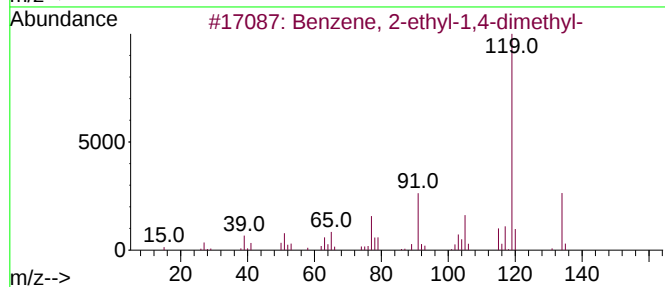
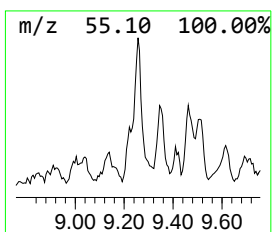
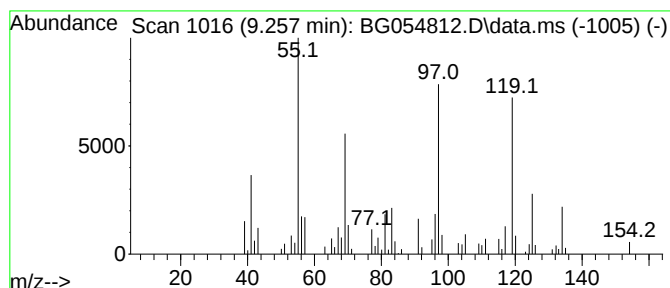
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	10.29 ng	147583	1,4-Dichlorobenzene-d4	8.152

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

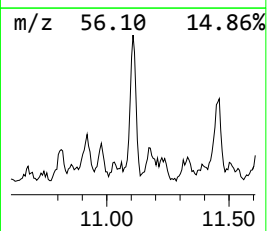
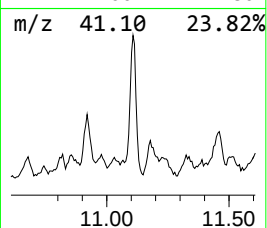
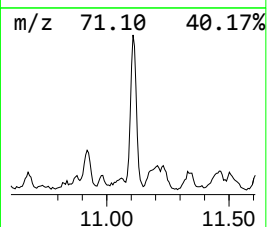
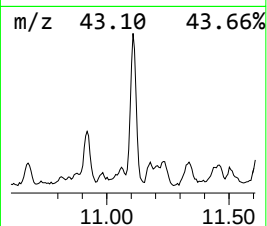
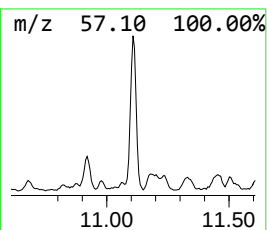
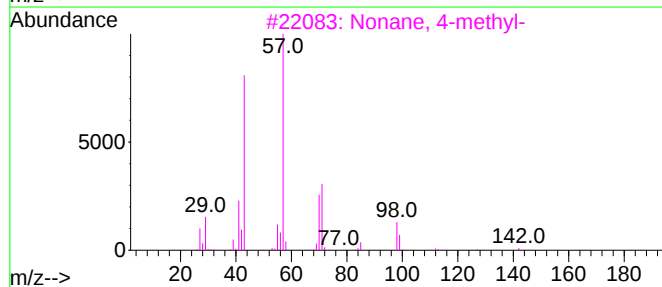
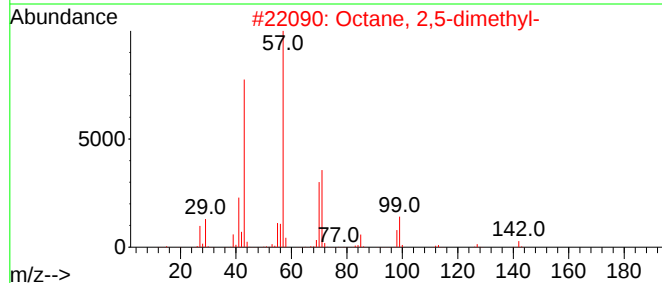
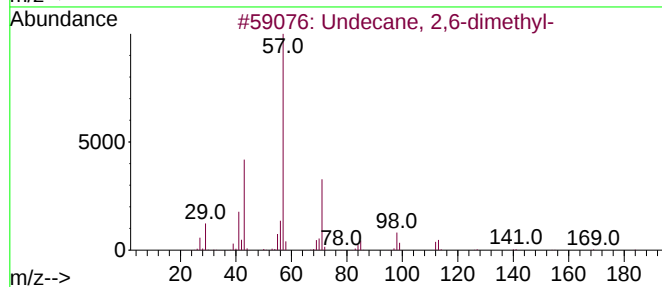
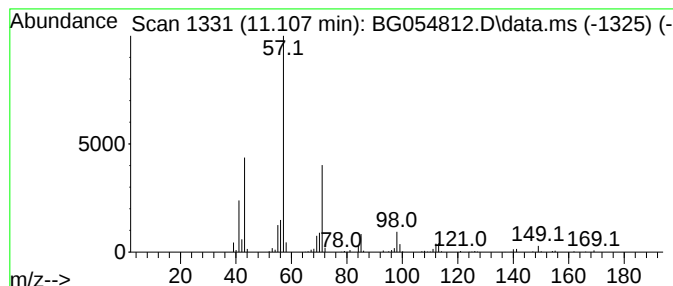
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.108	14.72 ng	319845	Naphthalene-d8	10.978

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

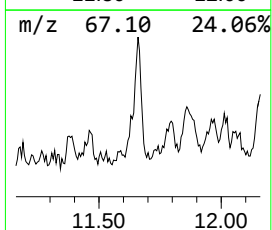
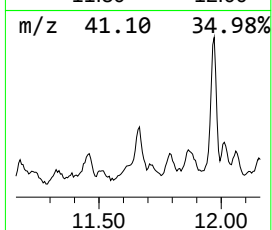
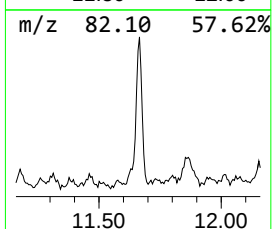
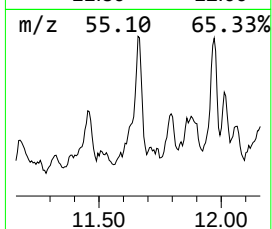
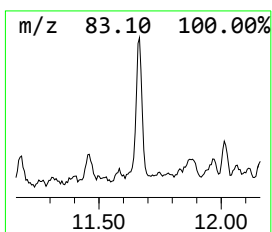
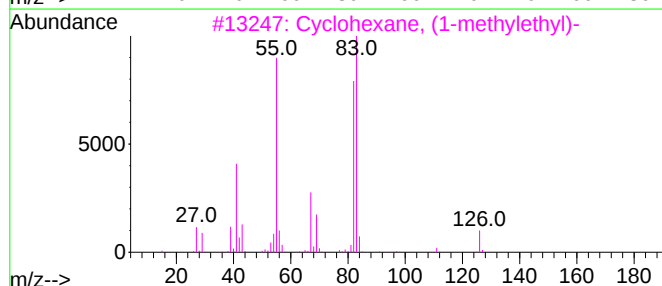
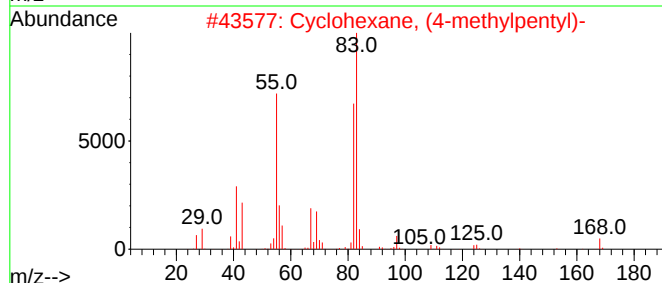
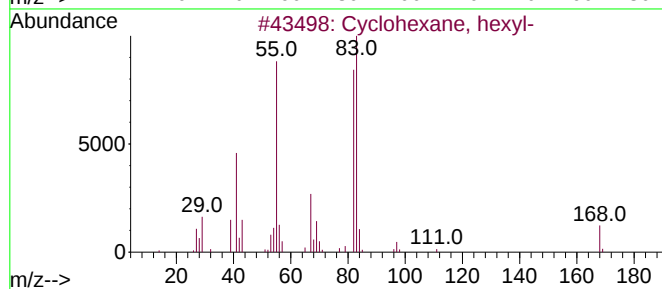
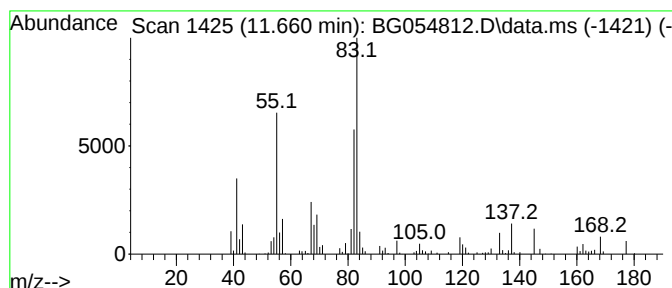
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclohexane, hexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.660	7.15 ng	155326	Naphthalene-d8	10.978	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	74
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	68
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4	Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	59
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

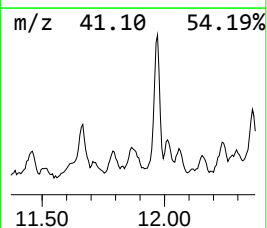
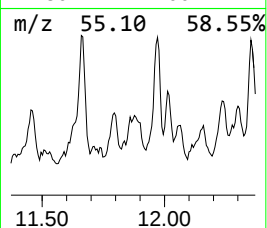
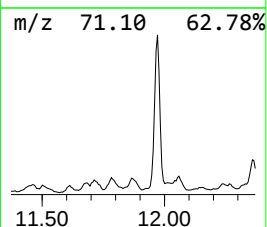
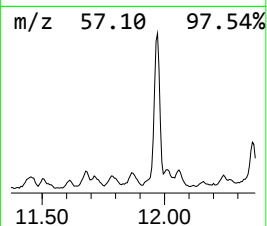
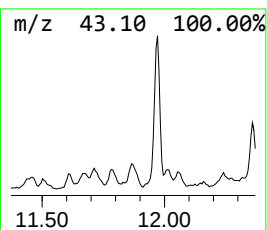
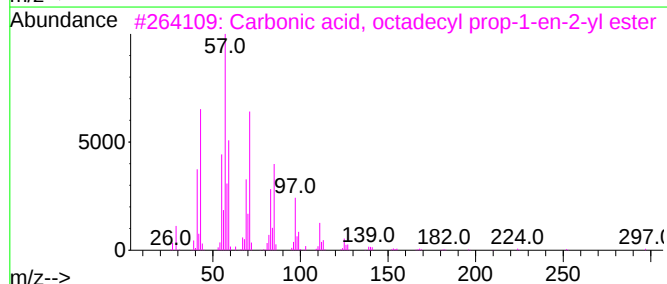
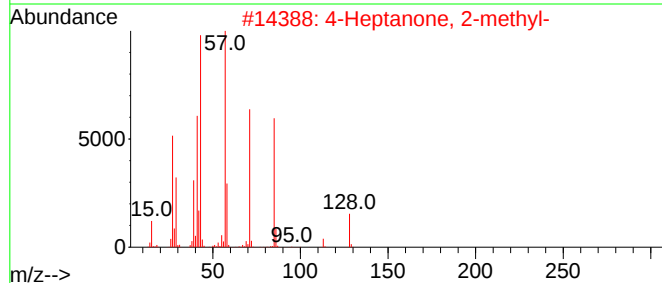
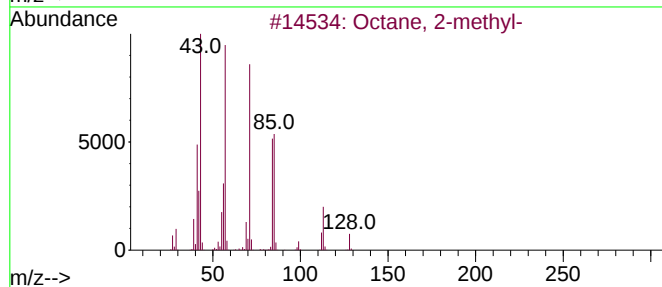
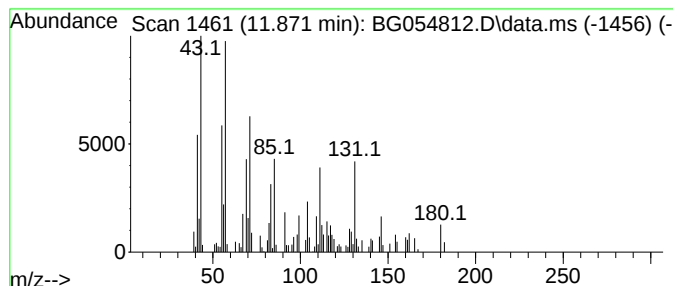
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown11.871 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.871	6.05 ng	131442	Naphthalene-d8	10.978

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	30
2			4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	30
3			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	30
4			Dodecyl isobutyl ether	242	C16H34O	1000406-32-6	27
5			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

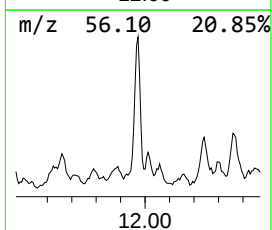
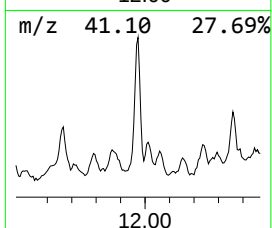
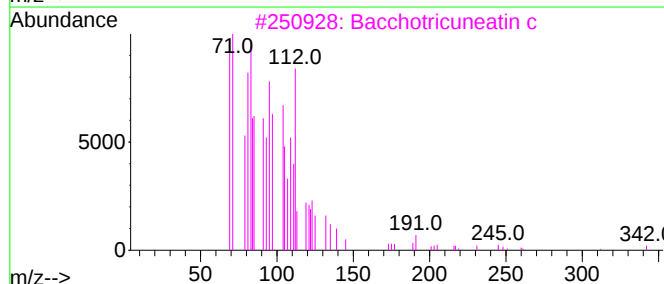
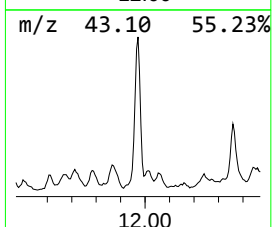
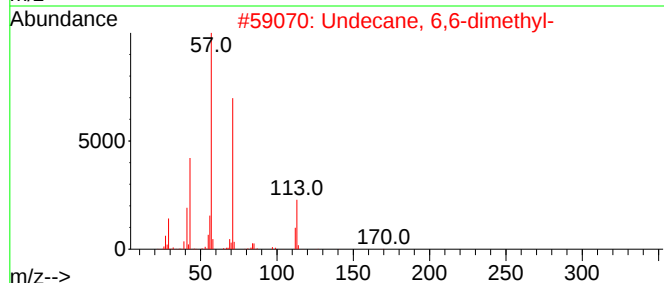
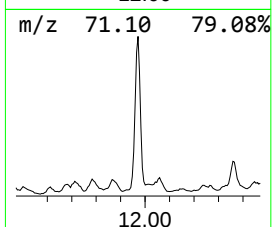
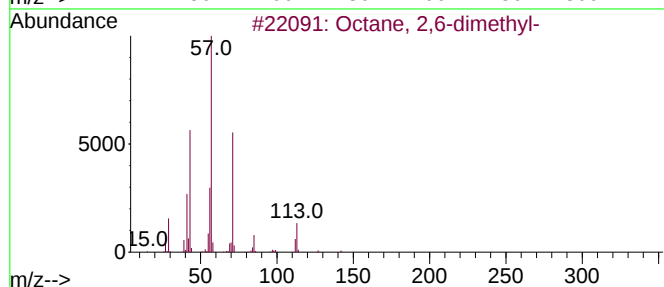
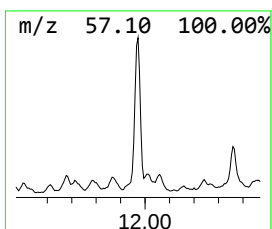
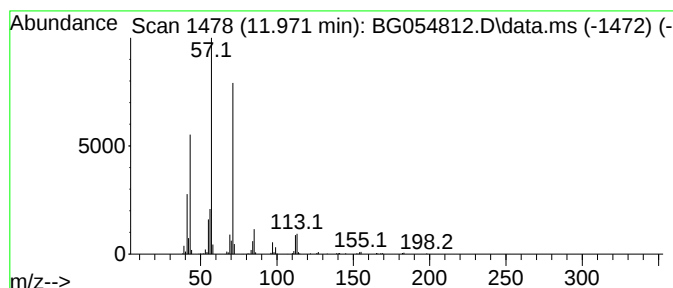
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.971	19.46 ng	422851	Naphthalene-d8	10.978	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64
5	Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

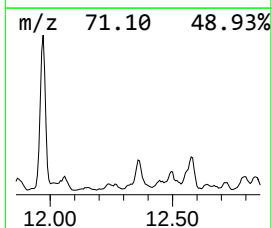
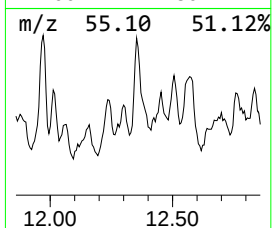
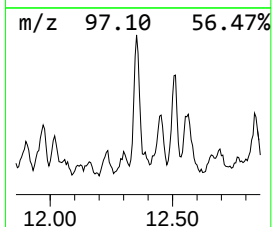
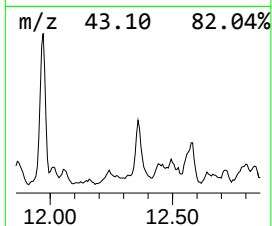
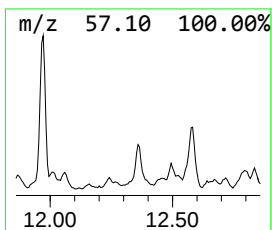
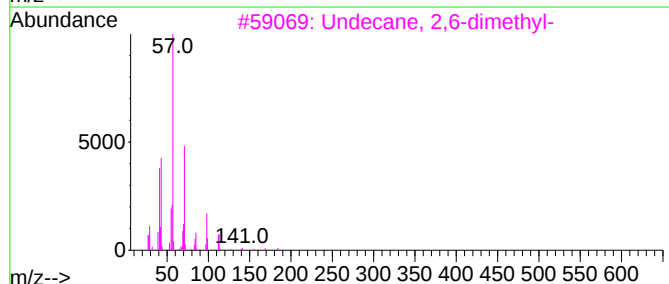
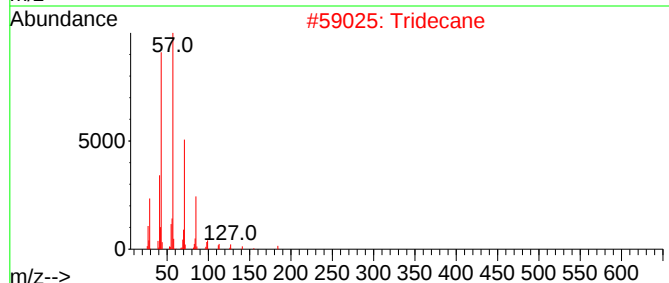
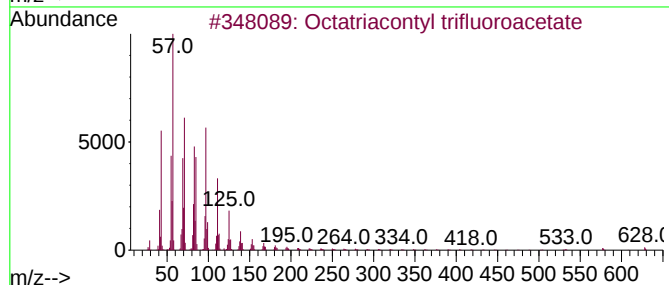
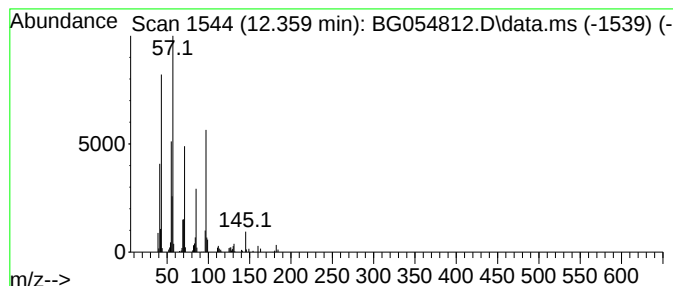
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octatriacontyl trifluoroace... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	7.74 ng	168129	Naphthalene-d8	10.978

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	53
2			Tridecane	184	C13H28	000629-50-5	49
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
4			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	47
5			Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

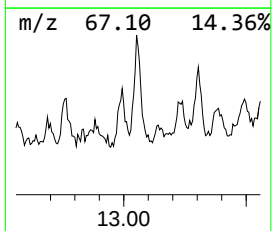
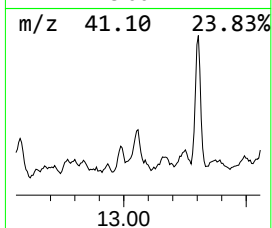
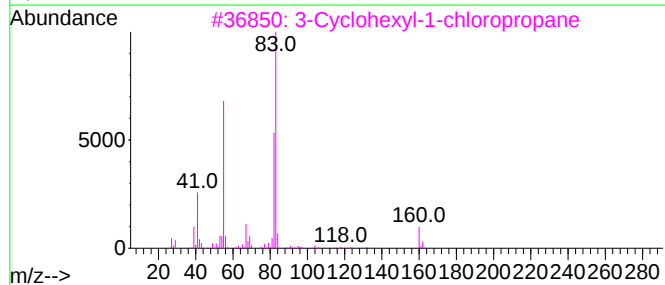
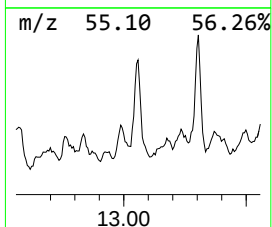
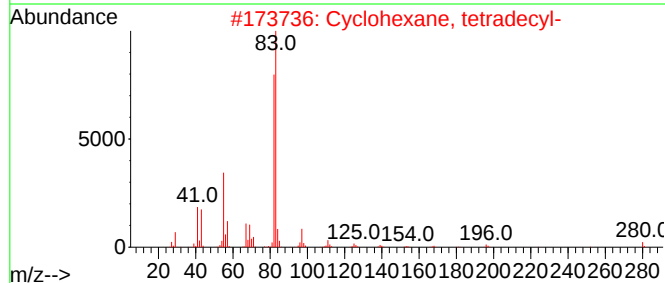
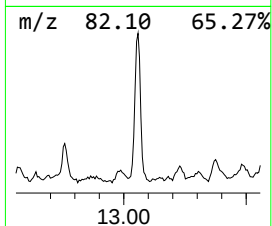
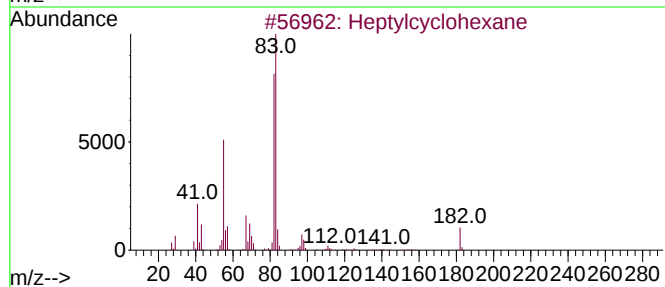
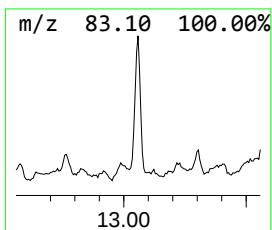
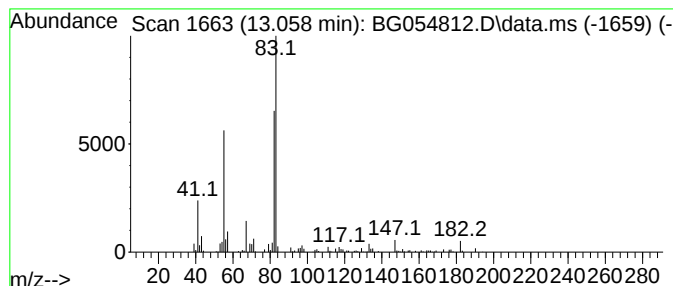
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.058	7.35 ng	229527	Acenaphthene-d10	14.786	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	86
2	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	72
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64
4	Hexanal 2E-hexenyl 3Z-hexenyl ac...	282	C18H34O2	1000431-43-4	50
5	Oxalic acid, cyclohexyl butyl ester	228	C12H20O4	1000309-30-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

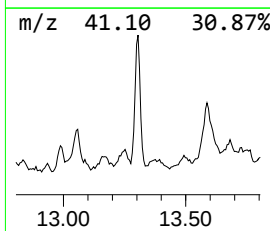
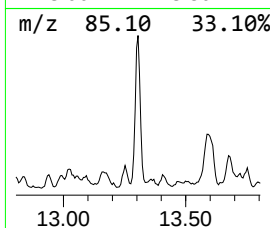
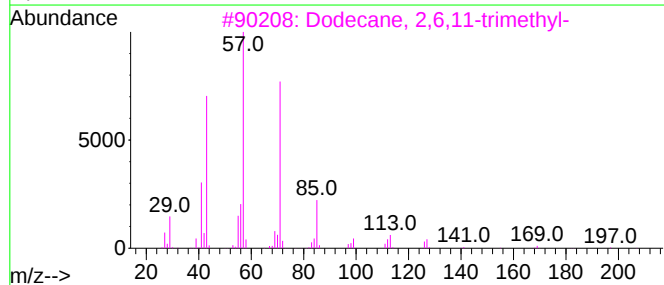
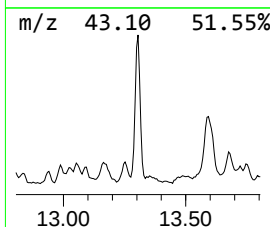
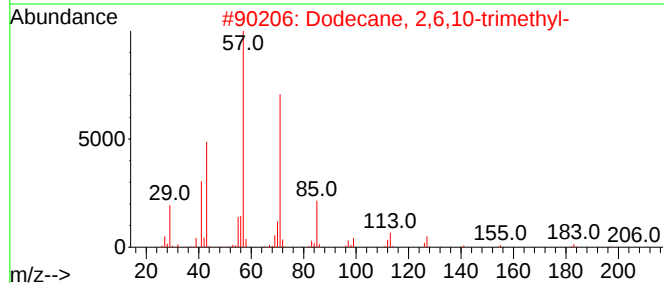
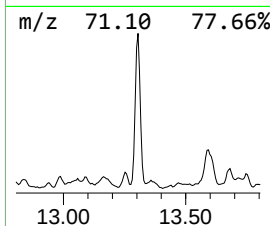
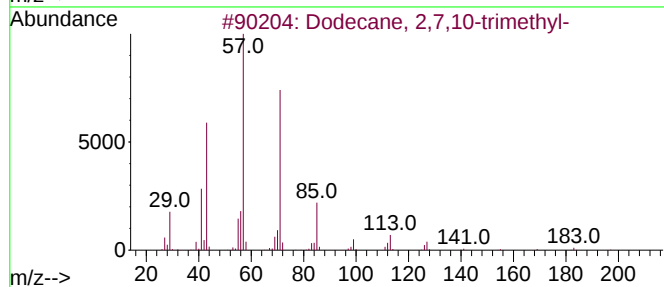
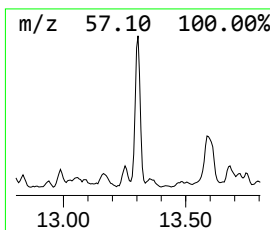
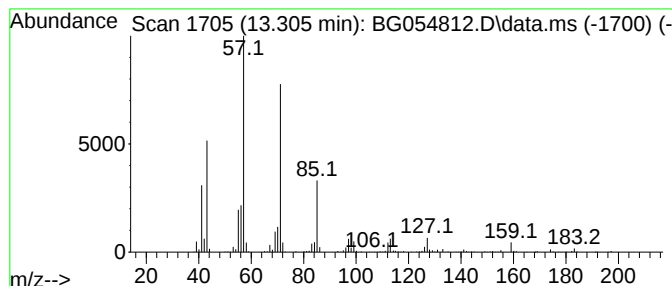
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.305	17.90 ng	559058	Acenaphthene-d10		14.786	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	86
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	83
4	Nonane, 3-methyl-5-propyl-		184	C13H28	031081-18-2	72
5	Heptacosane		380	C27H56	000593-49-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

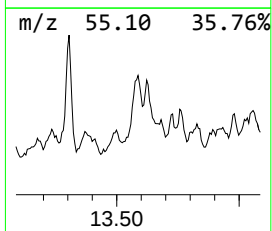
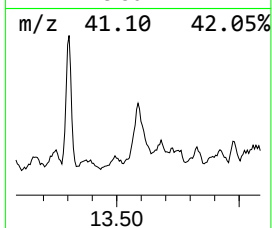
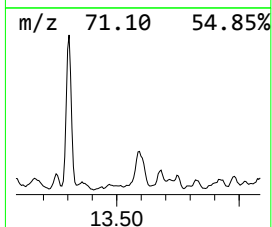
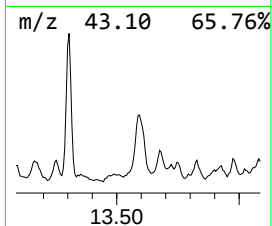
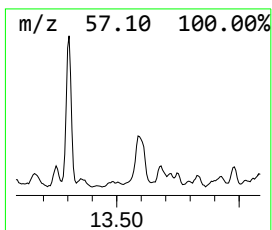
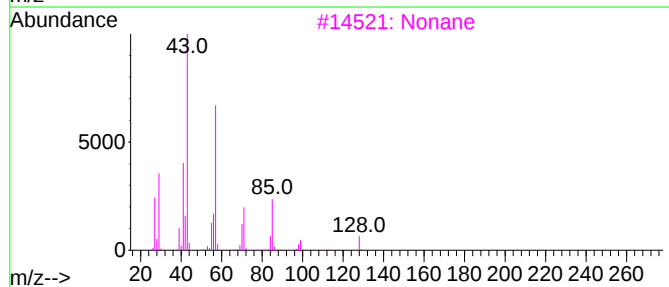
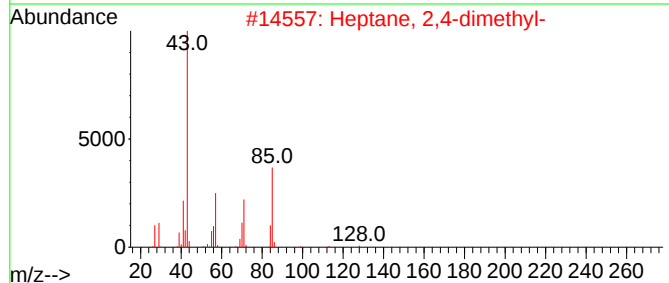
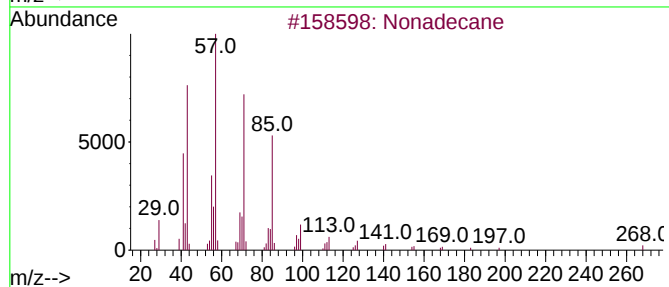
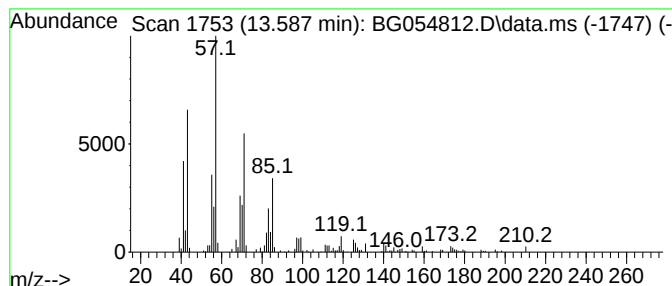
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.587	12.87 ng	401998	Acenaphthene-d10	14.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	64
2			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
3			Nonane	128	C9H20	000111-84-2	64
4			Dodecyl heptyl ether	284	C19H40O	1010406-39-2	59
5			Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

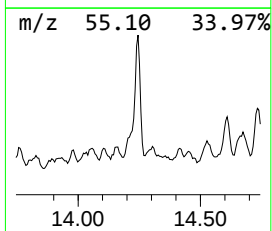
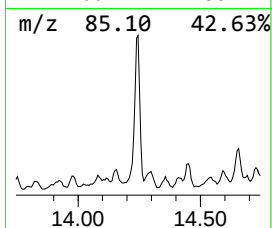
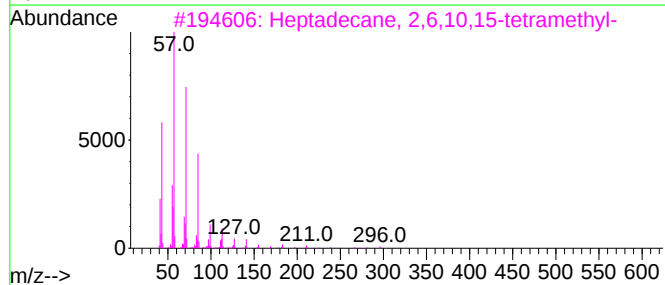
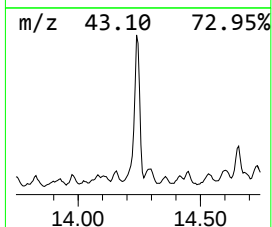
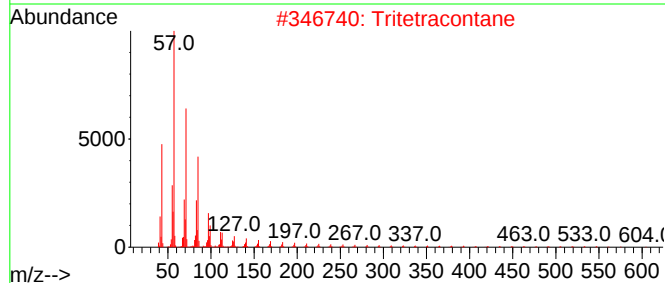
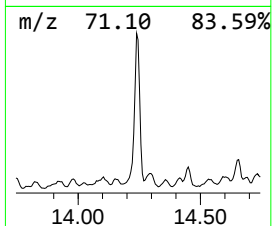
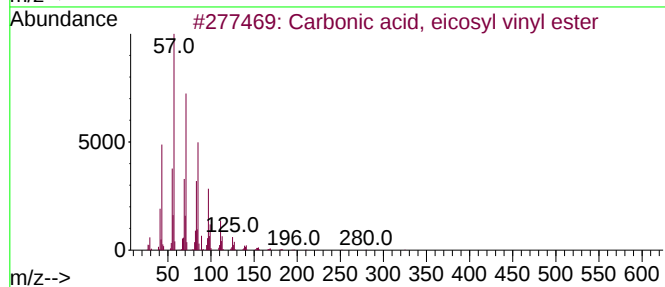
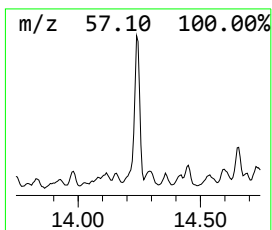
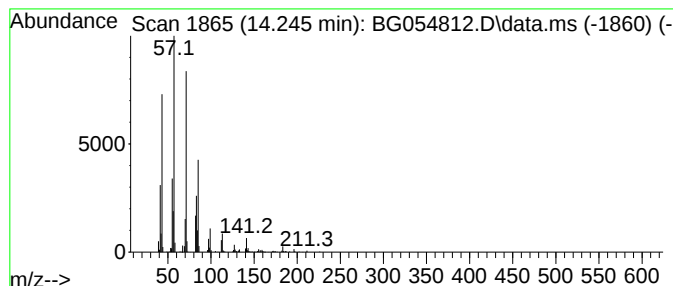
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Carbonic acid, eicosyl vinyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.245	26.65 ng	832249	Acenaphthene-d10	14.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2			Tritetracontane	605	C43H88	007098-21-7	90
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4			Decane, 5-propyl-	184	C13H28	017312-62-8	81
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

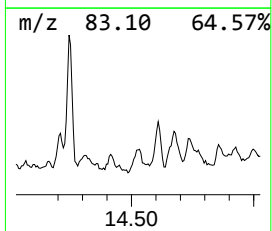
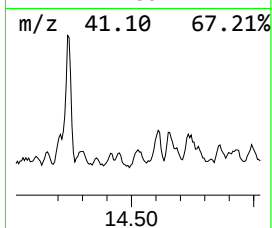
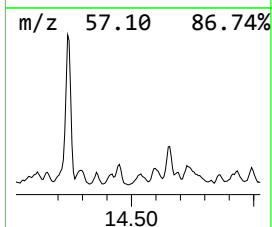
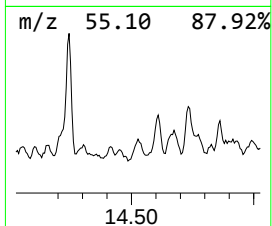
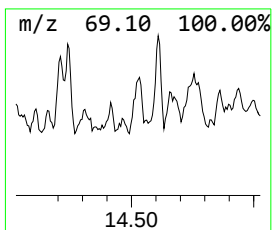
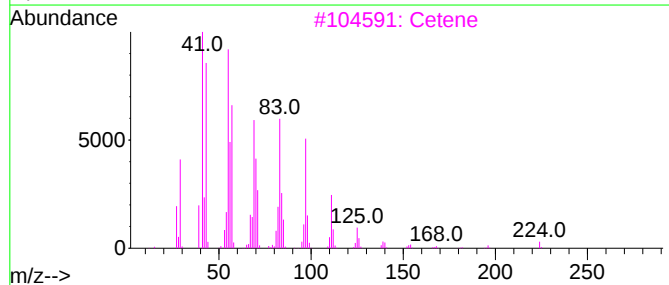
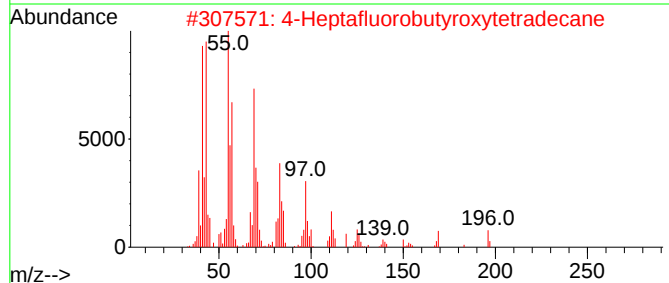
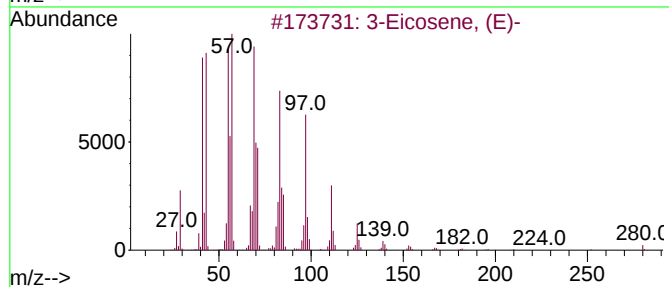
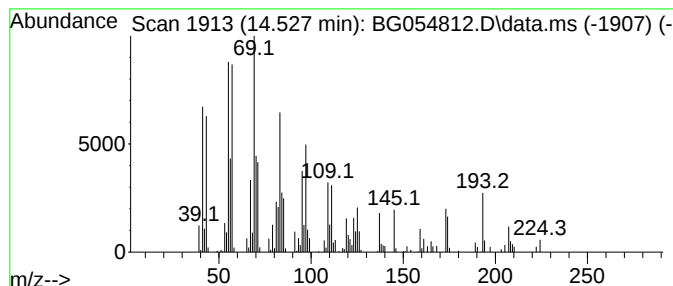
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 3-Eicosene, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.527	6.83 ng	213456	Acenaphthene-d10			14.786
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	60
2	4-Heptafluorobutyroxytetradecane		410	C18H29F7O2	1000245-49-9	49
3	Cetene		224	C16H32	000629-73-2	41
4	Trifluoroacetic acid, pentadecyl...		324	C17H31F3O2	959010-23-2	38
5	1-Hexacosene		364	C26H52	018835-33-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

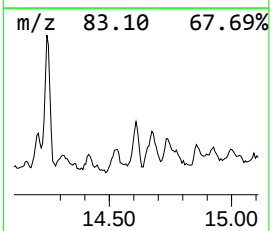
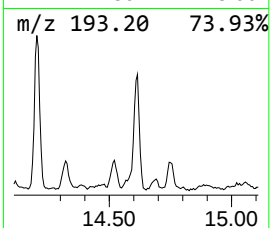
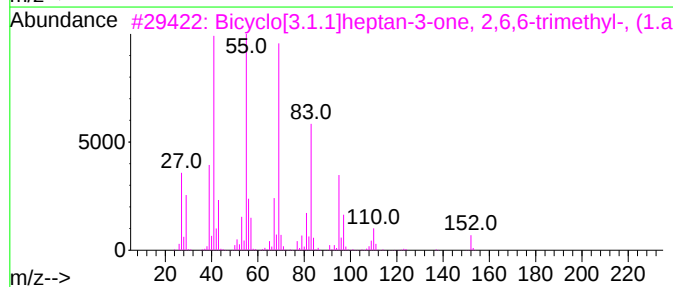
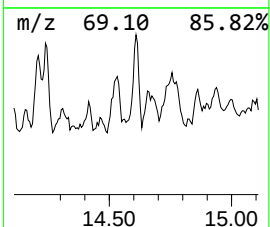
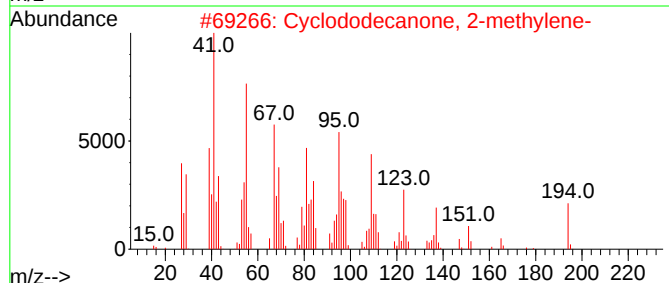
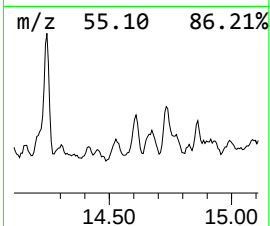
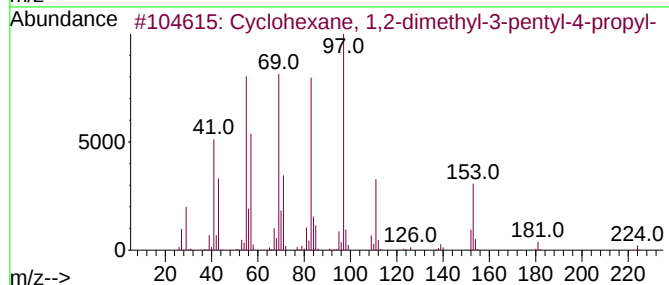
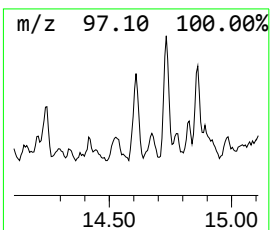
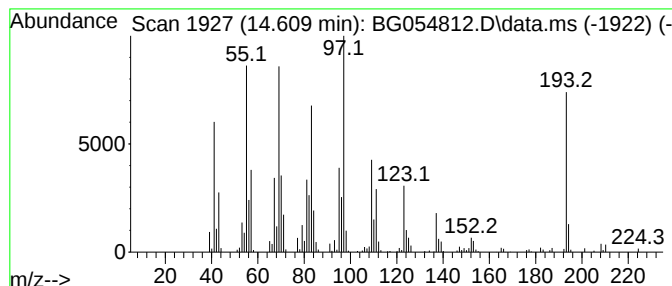
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.609 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.609	7.52 ng	234755	Acenaphthene-d10	14.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	41
2			Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	30
3			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	25
4			Iminostilbene	193	C14H11N	000256-96-2	25
5			Methylphosphonic acid, mono-(2,2...	206	C9H19O3P	959027-86-2	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

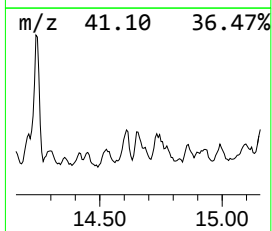
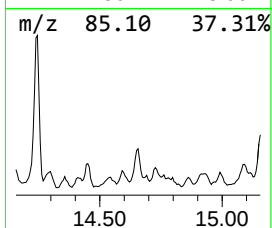
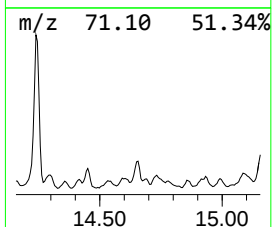
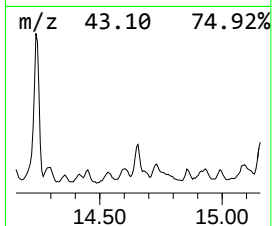
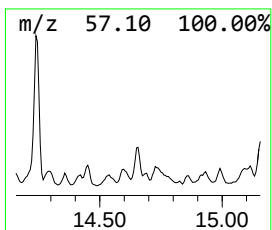
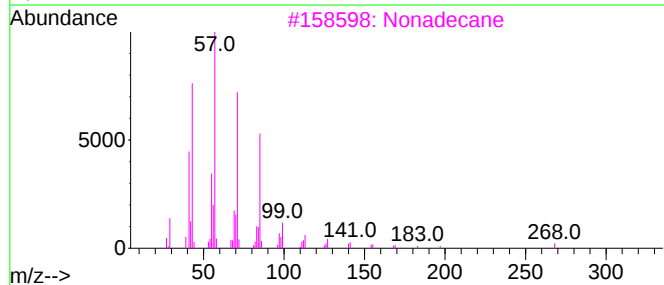
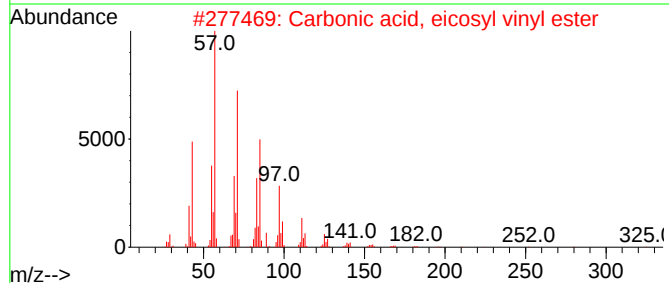
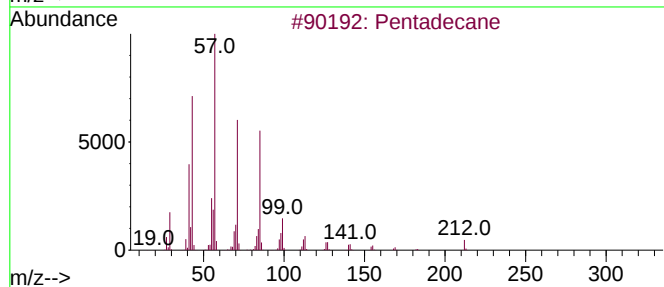
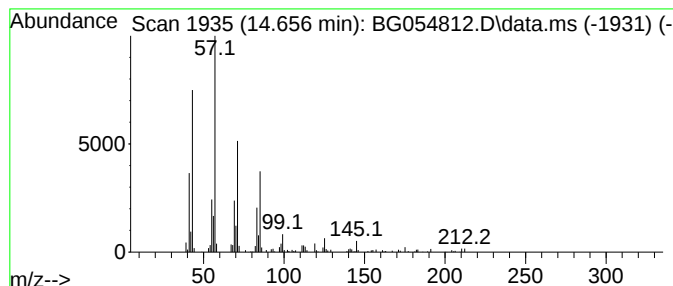
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.656	6.34 ng	198007	Acenaphthene-d10	14.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
3			Nonadecane	268	C19H40	000629-92-5	58
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	53
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

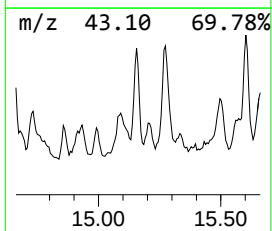
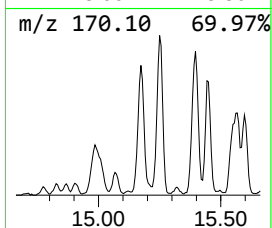
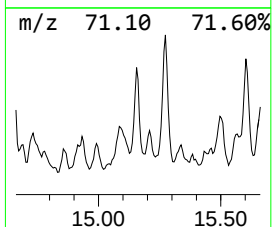
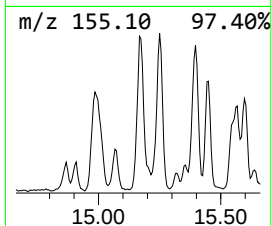
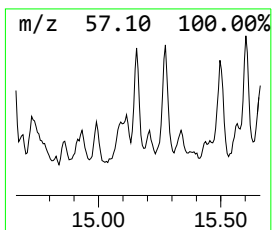
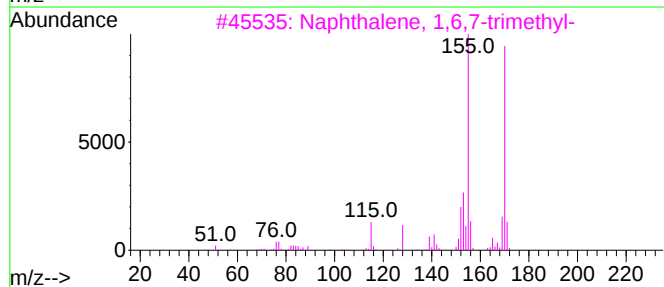
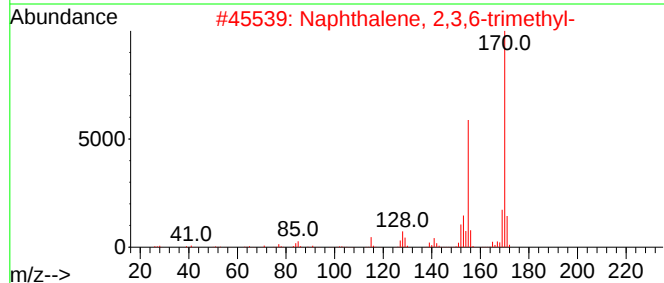
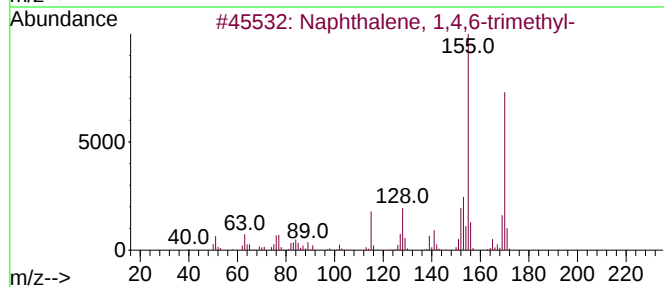
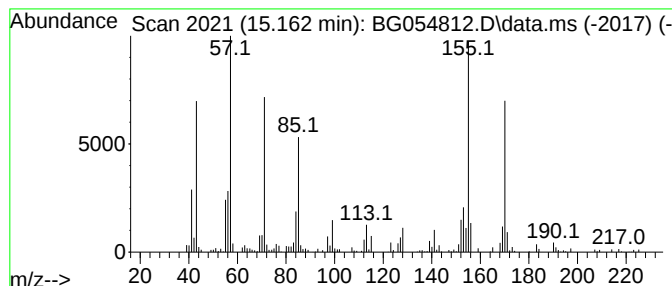
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.162	7.60 ng	237332	Acenaphthene-d10	14.786	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

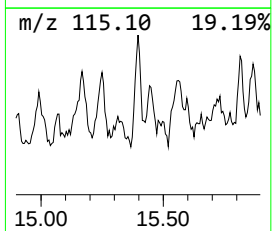
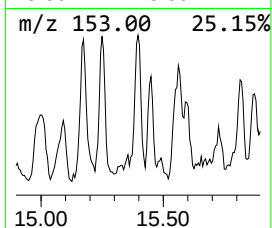
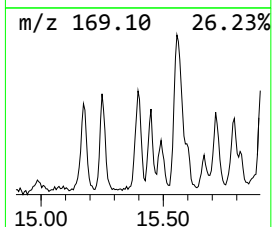
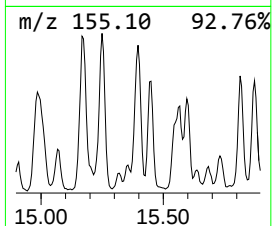
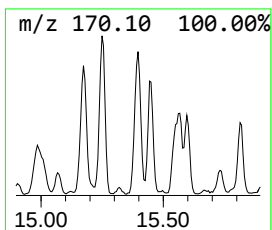
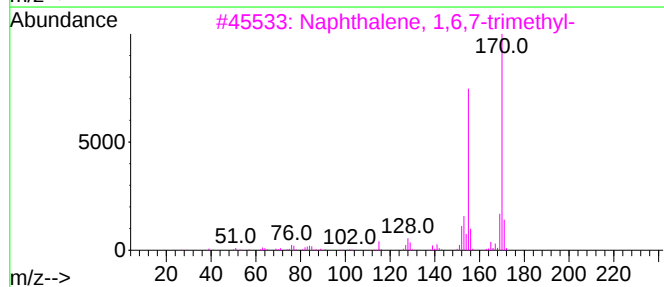
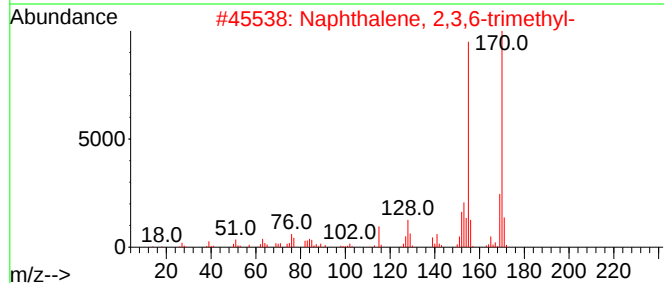
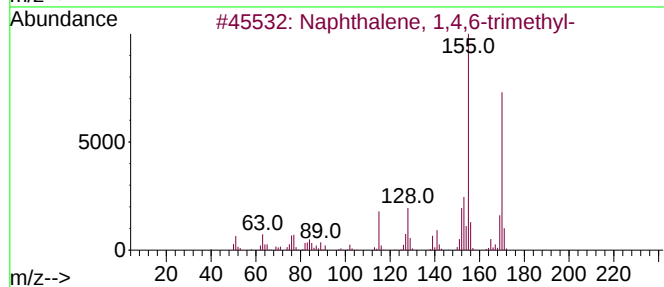
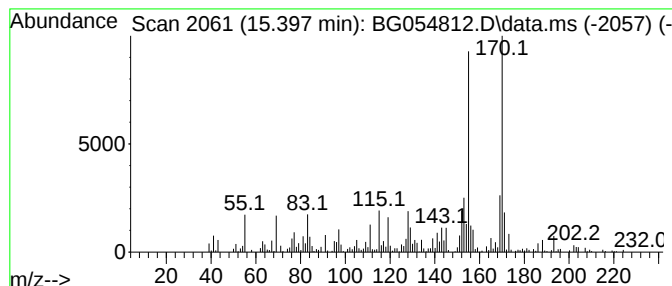
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.397	7.70 ng	240516	Acenaphthene-d10		14.786	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-		170	C13H14	002245-38-7	95
4	3-(2-Methyl-propenyl)-1H-indene		170	C13H14	1000187-78-5	95
5	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

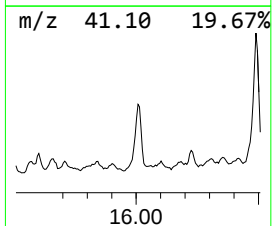
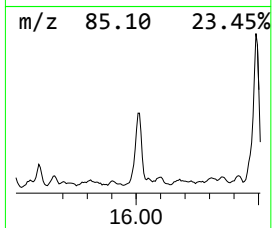
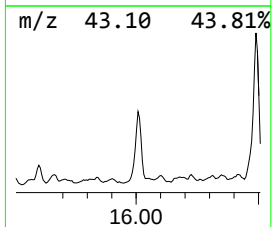
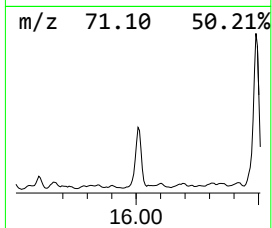
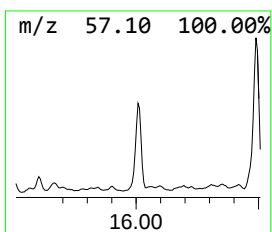
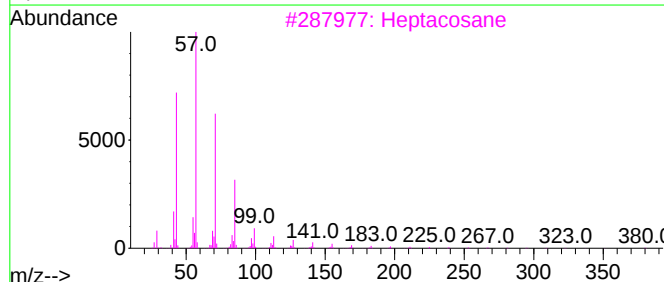
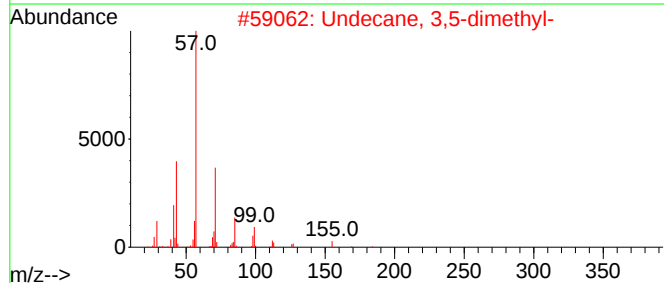
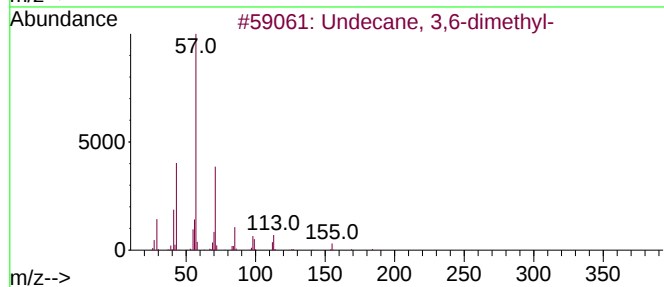
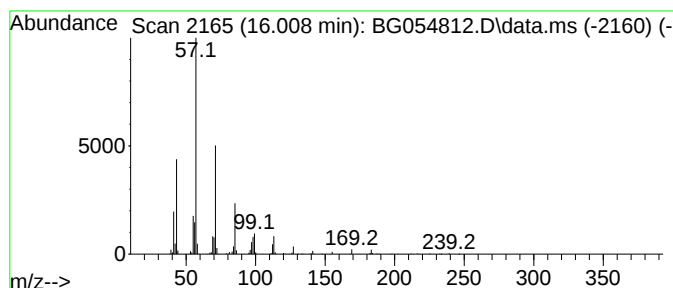
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.008	34.45 ng	1075960	Acenaphthene-d10		14.786	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-		184	C13H28	017301-28-9	87
2	Undecane, 3,5-dimethyl-		184	C13H28	017312-81-1	87
3	Heptacosane		380	C27H56	000593-49-7	83
4	Tetracosane		338	C24H50	000646-31-1	80
5	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

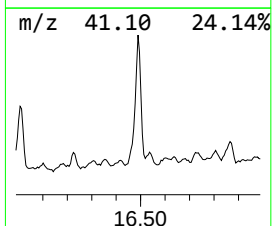
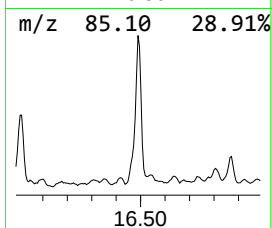
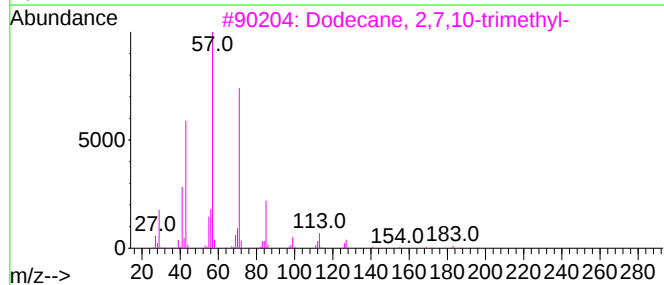
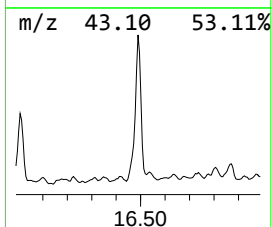
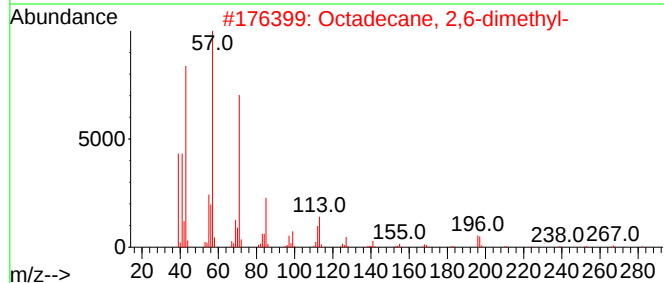
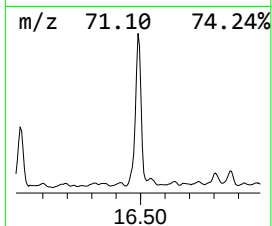
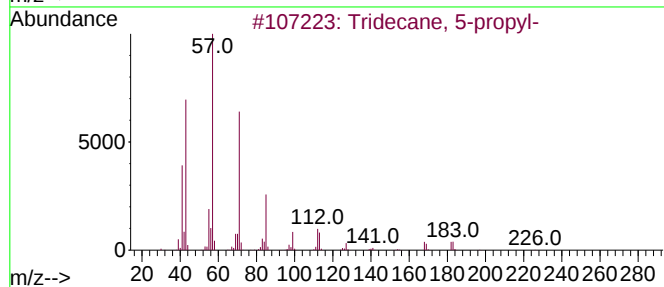
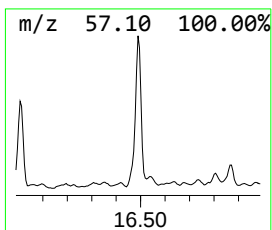
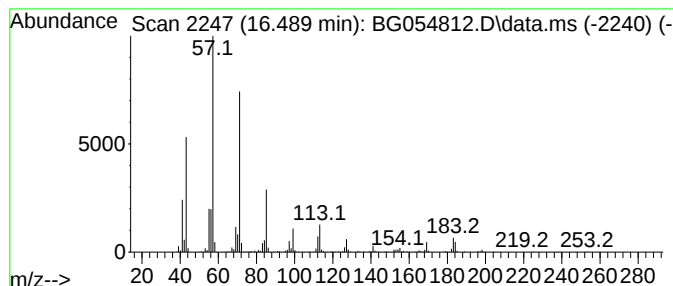
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	82.00 ng	2241220	Phenanthrene-d10	17.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

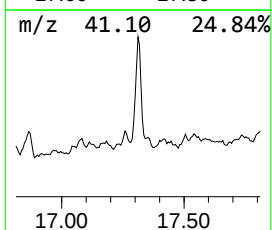
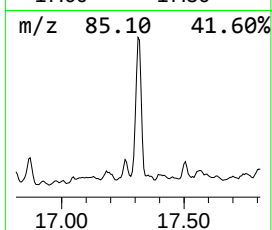
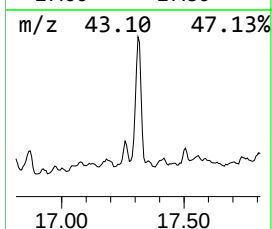
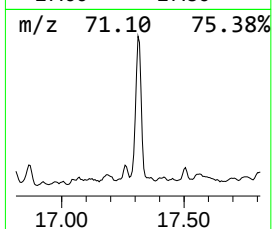
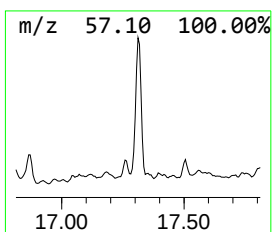
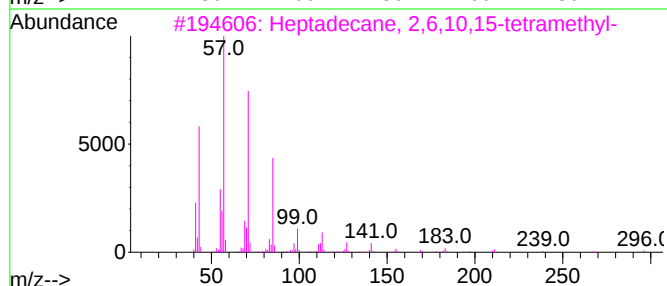
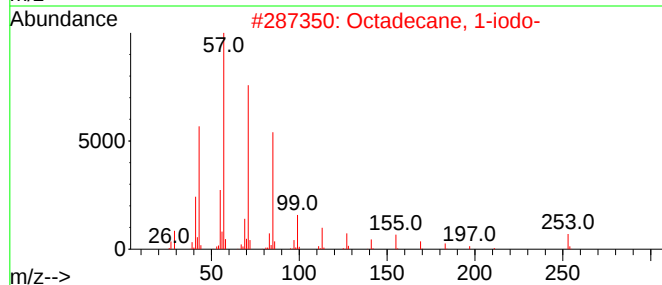
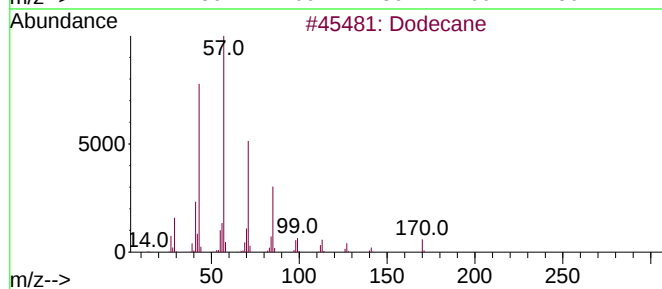
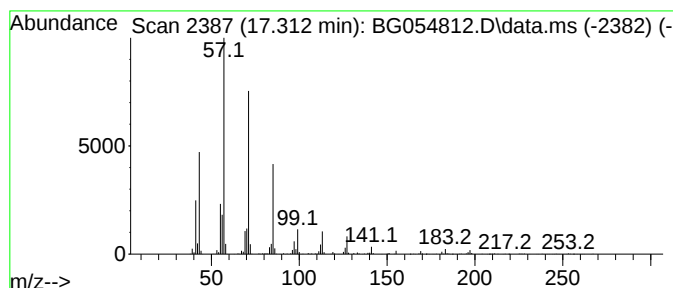
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.312	48.72 ng	1331440	Phenanthrene-d10	17.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	90
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4			Hexadecane	226	C16H34	000544-76-3	90
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

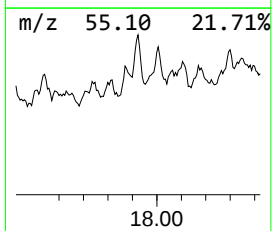
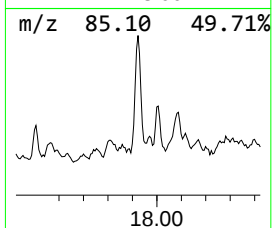
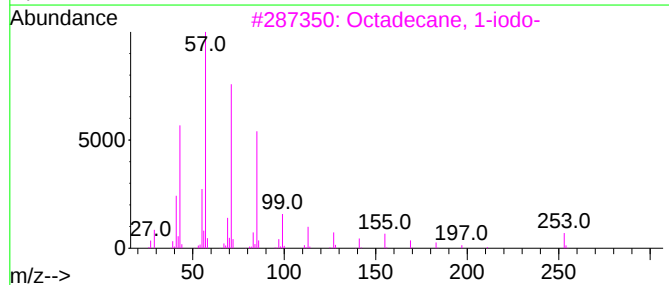
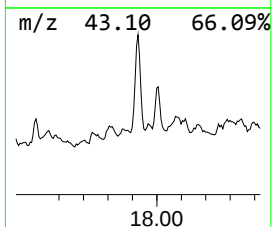
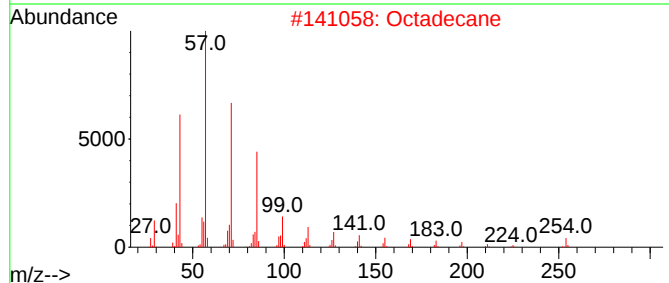
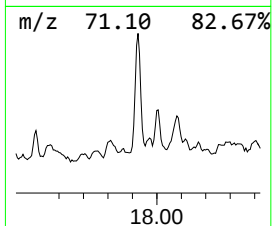
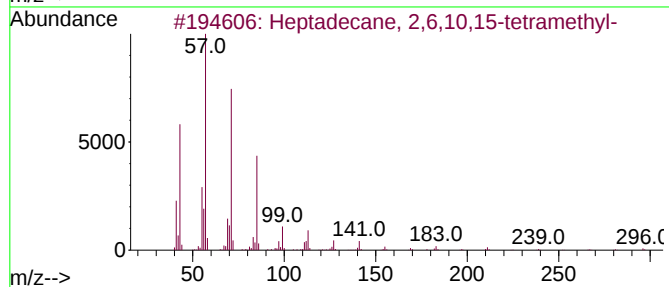
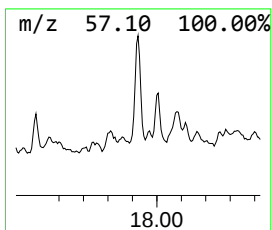
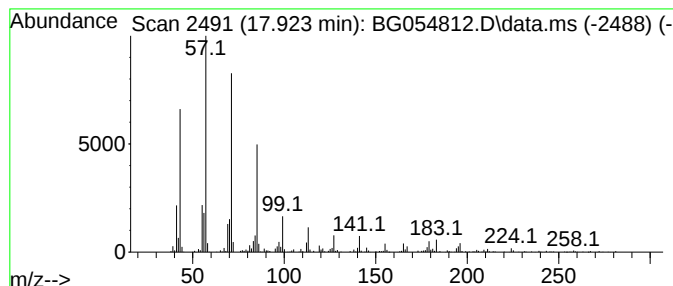
Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.923	16.41 ng	448567	Phenanthrene-d10		17.535	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	87
2	Octadecane		254	C18H38	000593-45-3	86
3	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	86
4	Heneicosane		296	C21H44	000629-94-7	86
5	Octacosane, 2-methyl-		408	C29H60	001560-98-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

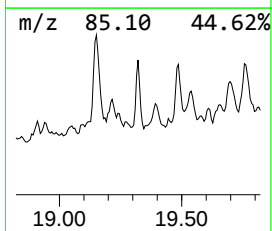
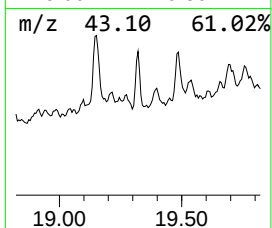
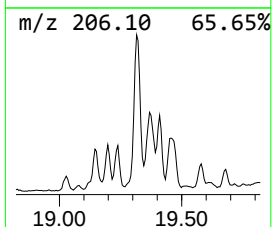
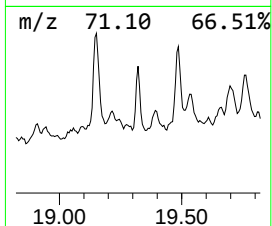
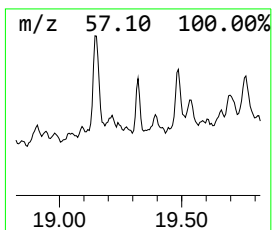
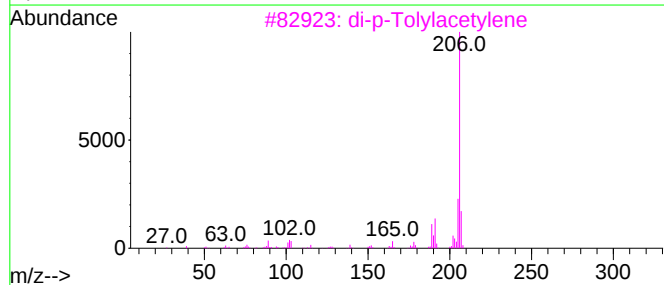
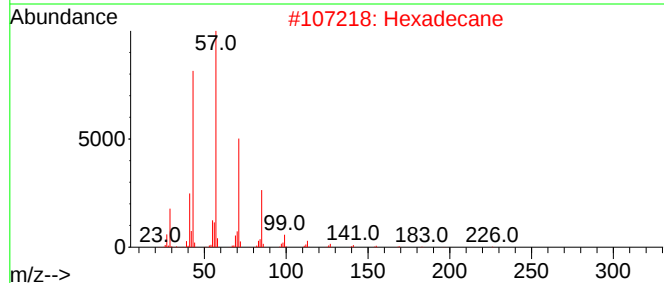
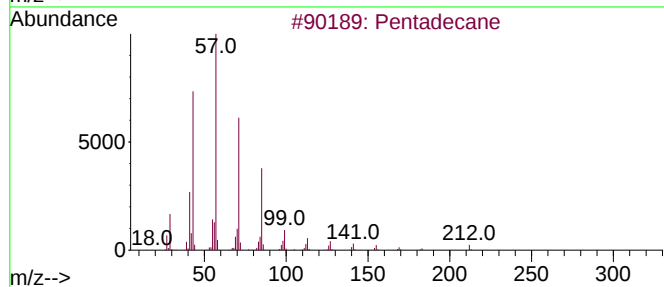
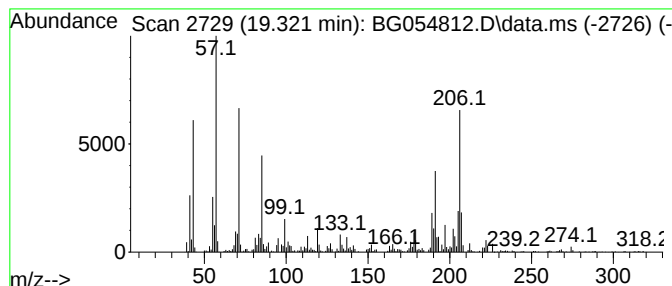
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	17.83 ng	487364	Phenanthrene-d10	17.535

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	66
2		Hexadecane	226	C16H34	000544-76-3	58
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	46
4		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	42
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054812.D
Acq On : 31 Aug 2022 18:49
Operator : CG/JU
Sample : N4421-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-PALM-SP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
Benzene, 2-ethy...	9.257	10.3	ng	147583	1	8.152	286800	20.0
Undecane, 2,6-d...	11.108	14.7	ng	319845	2	10.978	434527	20.0
Cyclohexane, he...	11.660	7.2	ng	155326	2	10.978	434527	20.0
unknown11.871	11.871	6.0	ng	131442	2	10.978	434527	20.0
Octane, 2,6-dim...	11.971	19.5	ng	422851	2	10.978	434527	20.0
Octatriacontyl ...	12.359	7.7	ng	168129	2	10.978	434527	20.0
Heptylcyclohexane	13.058	7.3	ng	229527	3	14.786	624663	20.0
Dodecane, 2,7,1...	13.305	17.9	ng	559058	3	14.786	624663	20.0
Nonadecane	13.587	12.9	ng	401998	3	14.786	624663	20.0
Carbonic acid, ...	14.245	26.6	ng	832249	3	14.786	624663	20.0
3-Eicosene, (E)-	14.527	6.8	ng	213456	3	14.786	624663	20.0
unknown14.609	14.609	7.5	ng	234755	3	14.786	624663	20.0
Pentadecane	14.656	6.3	ng	198007	3	14.786	624663	20.0
Naphthalene, 1,...	15.162	7.6	ng	237332	3	14.786	624663	20.0
Naphthalene, 2,...	15.397	7.7	ng	240516	3	14.786	624663	20.0
Undecane, 3,6-d...	16.008	34.5	ng	1075960	3	14.786	624663	20.0
Tridecane, 5-pr...	16.489	82.0	ng	2241220	4	17.535	546605	20.0
Dodecane	17.312	48.7	ng	1331440	4	17.535	546605	20.0
Heptadecane, 2,...	17.923	16.4	ng	448567	4	17.535	546605	20.0
Hexadecane	19.321	17.8	ng	487364	4	17.535	546605	20.0