

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140361.D
 Acq On : 14 Nov 2024 14:47
 Operator : RC/JU
 Sample : P4779-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-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_F\Methods\8270-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140361.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	5	12	21	rVV	873138	1372465	44.88%	5.672%
2	2.275	25	31	35	rVV	51040	88517	2.89%	0.366%
3	5.093	502	510	526	rBV	273535	413613	13.53%	1.709%
4	5.493	572	578	598	rBV	1713381	2233138	73.03%	9.228%
5	6.498	742	749	767	rBV	1765011	2457750	80.37%	10.157%
6	6.869	807	812	817	rBV	561420	684596	22.39%	2.829%
7	7.428	901	907	917	rBV	1218188	1639230	53.61%	6.774%
8	7.681	945	950	958	rBV	40637	55288	1.81%	0.228%
9	8.151	1024	1030	1045	rBV	707733	909496	29.74%	3.759%
10	9.222	1207	1212	1221	rBV	2290001	3057926	100.00%	12.637%
11	9.304	1222	1226	1230	rVV5	31565	48751	1.59%	0.201%
12	9.616	1275	1279	1283	rBV3	140867	224882	7.35%	0.929%
13	9.769	1302	1305	1308	rBV3	68441	98716	3.23%	0.408%
14	9.816	1309	1313	1317	rVB2	132048	178595	5.84%	0.738%
15	9.904	1322	1328	1332	rVV	787500	1063384	34.77%	4.394%
16	10.163	1369	1372	1378	rVB3	98295	140964	4.61%	0.583%
17	10.239	1379	1385	1388	rBV3	130460	273147	8.93%	1.129%
18	10.275	1389	1391	1394	rVV3	77299	98661	3.23%	0.408%
19	10.310	1394	1397	1402	rVV2	166999	237048	7.75%	0.980%
20	10.557	1434	1439	1445	rBV	367248	750602	24.55%	3.102%
21	10.692	1458	1462	1473	rBV	833258	1236994	40.45%	5.112%
22	10.822	1480	1484	1491	rBV	1123795	1536613	50.25%	6.350%
23	11.286	1559	1563	1569	rVB	614711	881854	28.84%	3.644%
24	11.398	1578	1582	1596	rBV	739028	1187753	38.84%	4.908%
25	12.980	1847	1851	1859	rVB	1612597	2110474	69.02%	8.722%
26	14.039	2027	2031	2039	rVB	405867	569559	18.63%	2.354%
27	15.174	2221	2224	2233	rVB	22664	35939	1.18%	0.149%
28	15.539	2280	2286	2300	rVB	376923	612393	20.03%	2.531%

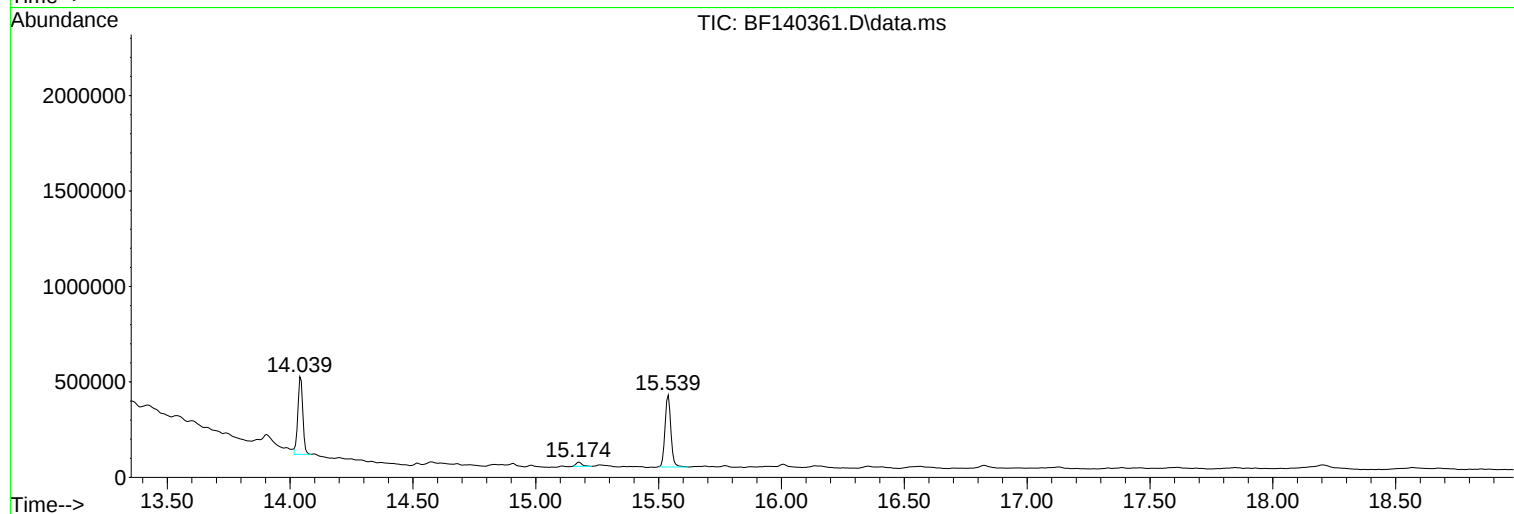
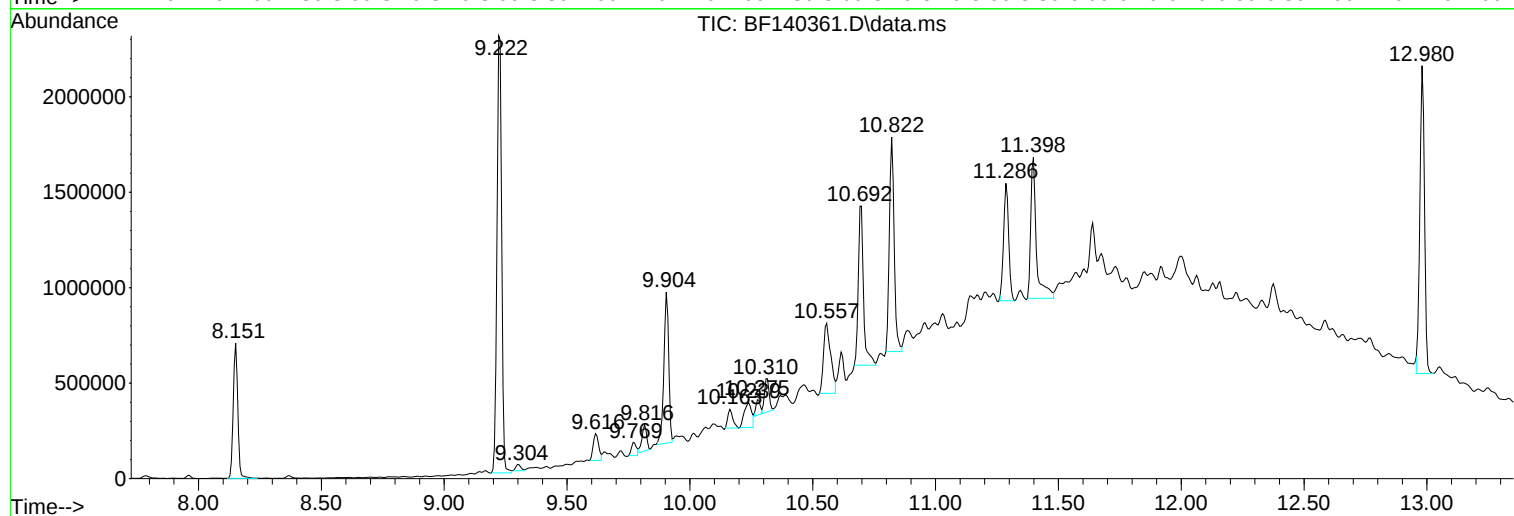
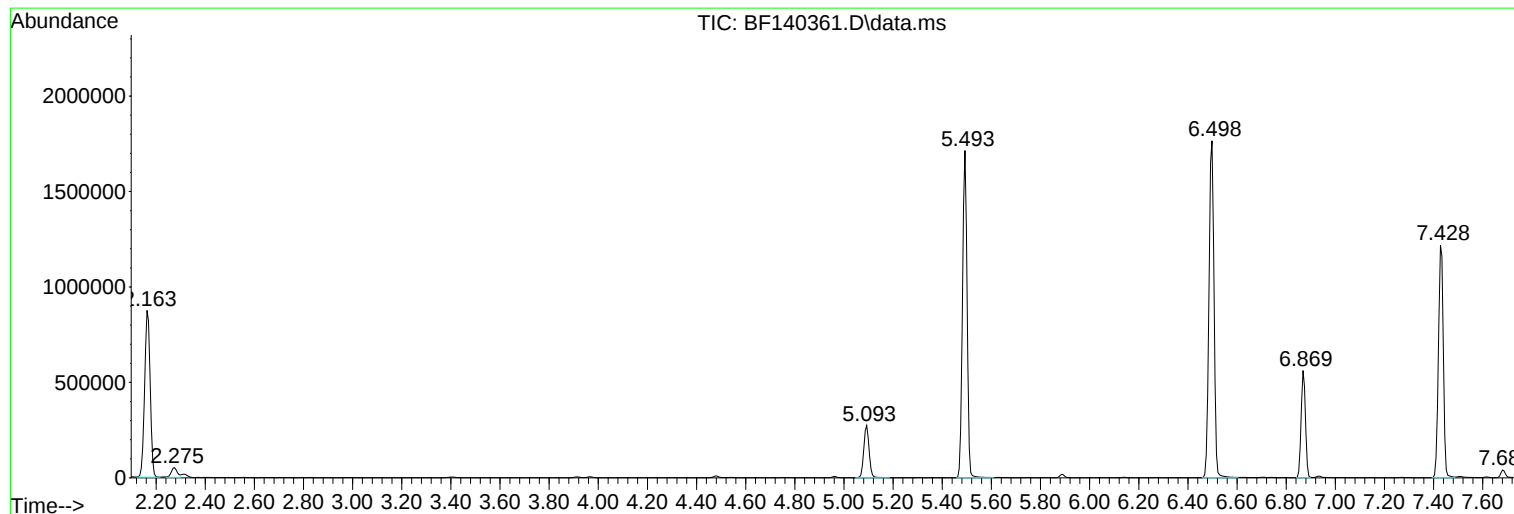
Sum of corrected areas: 24198348

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-01

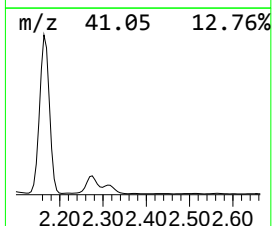
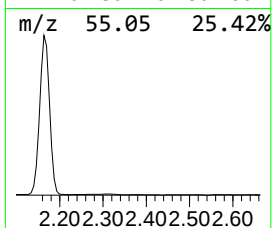
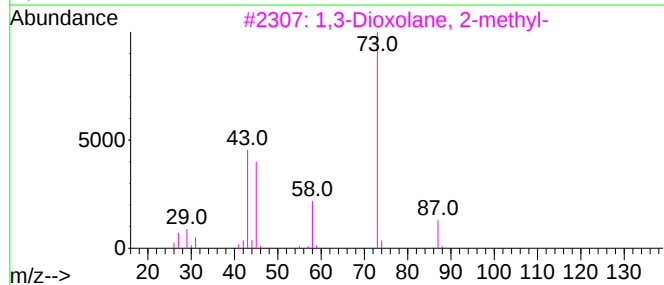
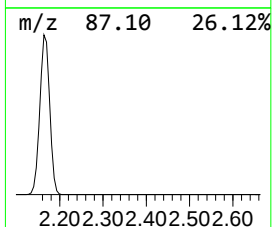
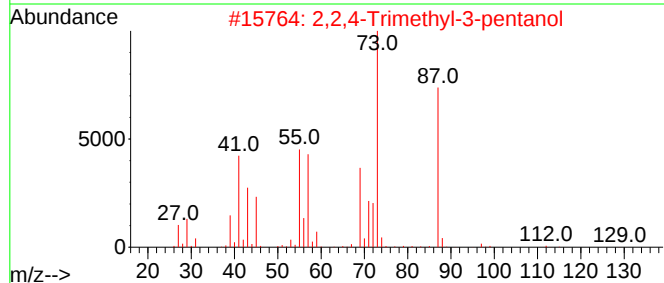
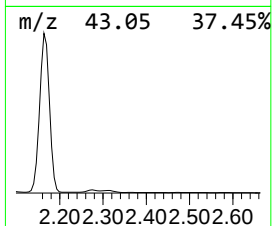
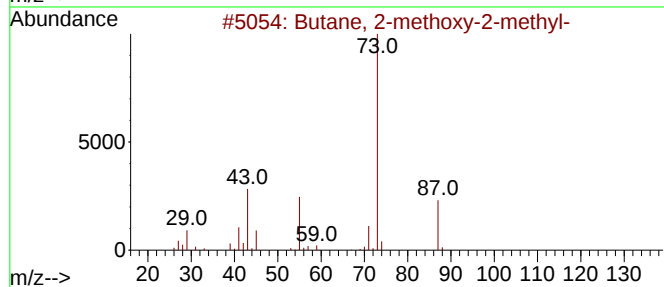
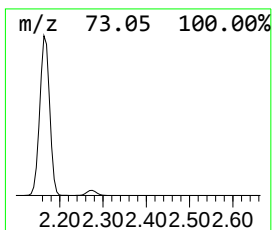
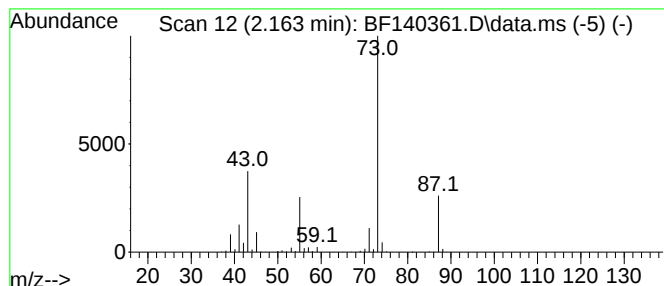
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	40.10 ng	1372470	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-01

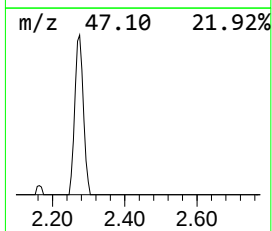
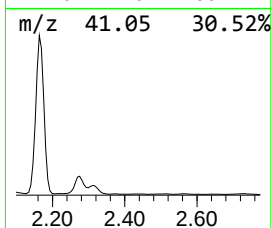
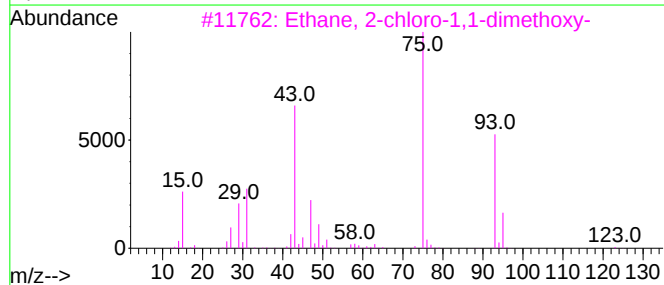
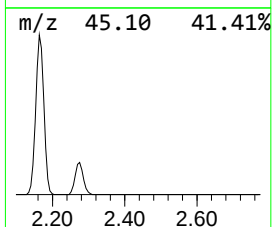
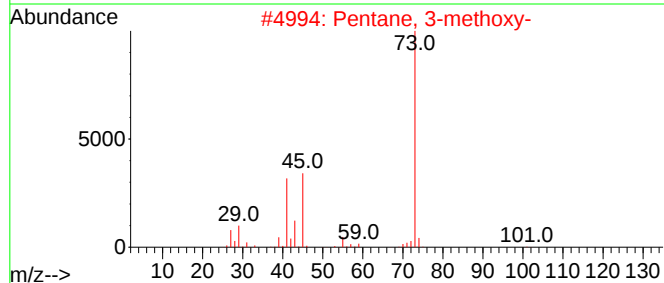
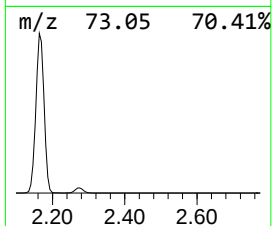
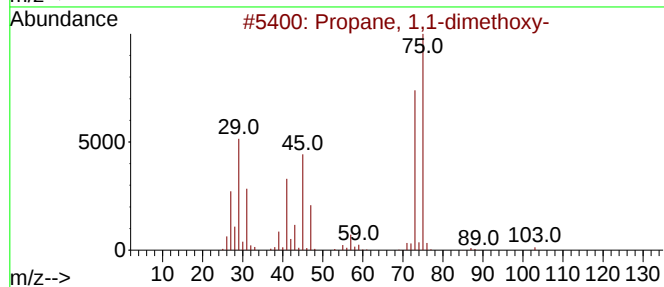
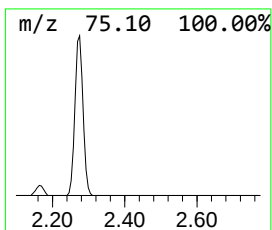
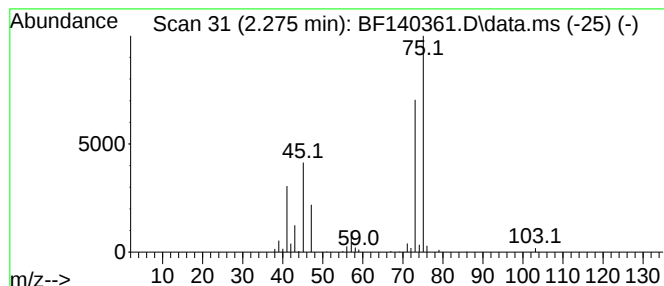
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.275	2.59 ng	88517	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
3			Ethane, 2-chloro-1,1-dimethoxy-	124	C4H9ClO2	000097-97-2	9
4			2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	9
5			2,5-Diethoxy-3-methyl-3-vinylhexane	214	C13H26O2	1000432-70-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

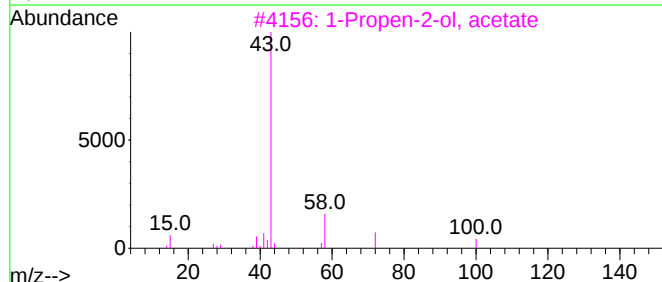
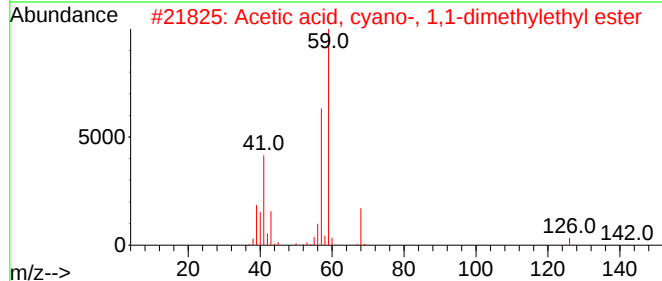
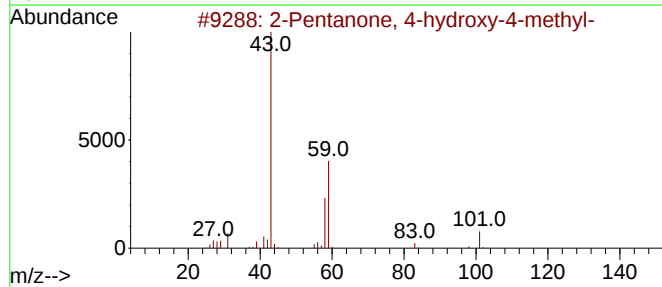
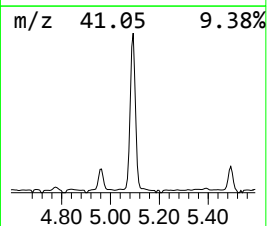
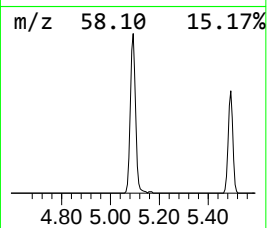
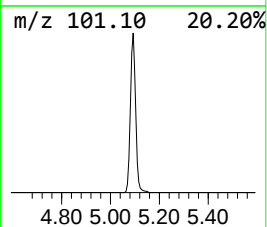
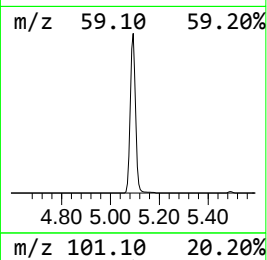
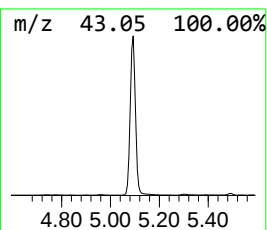
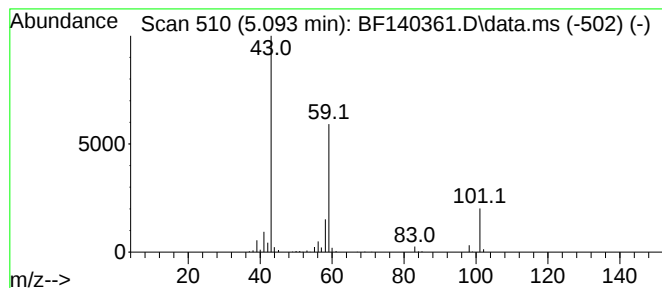
Instrument :
BNA_F
ClientSampleId :
SOIL-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.093	12.08 ng	413613	1,4-Dichlorobenzene-d4			6.869
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...		141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-		102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-		101	C5H11NO	000109-02-4	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-01

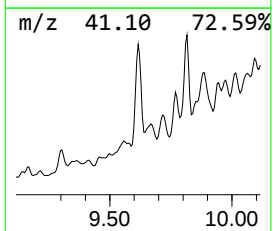
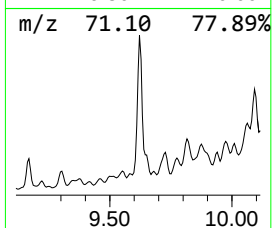
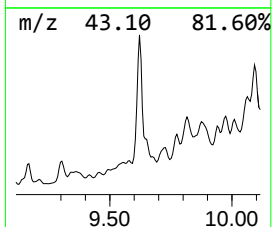
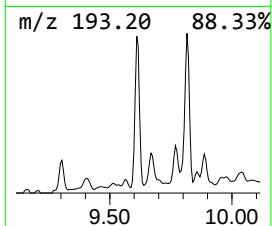
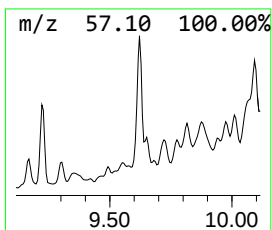
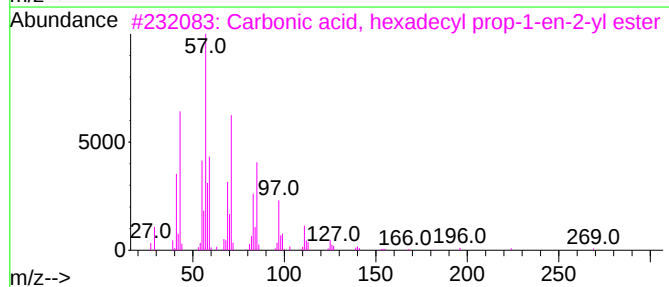
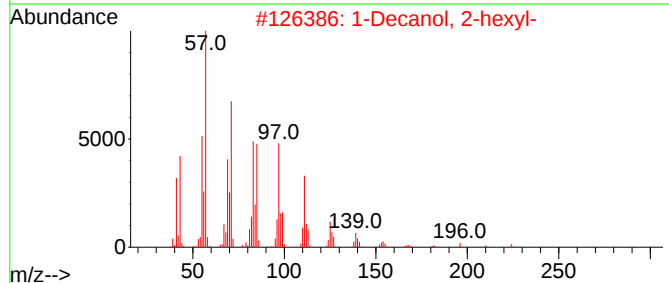
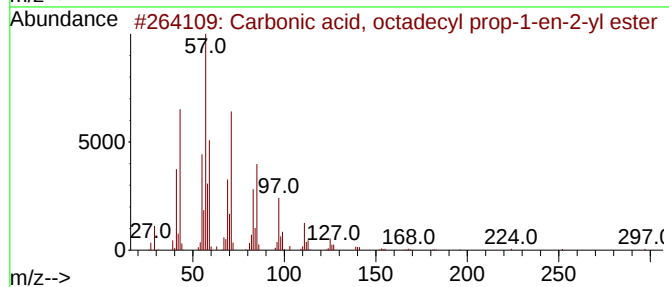
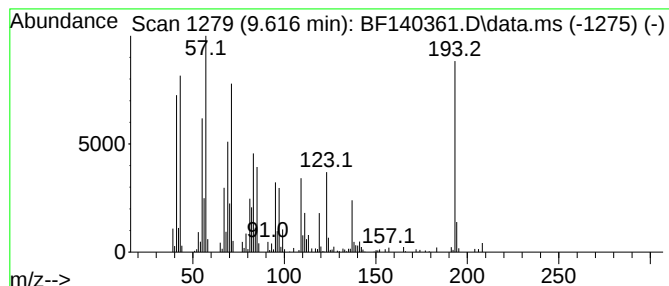
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown9.616 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	4.23 ng	224882	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	46
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	43
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	38
4			Docosyl octyl ether	438	C30H62O	1000406-38-9	38
5			2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-01

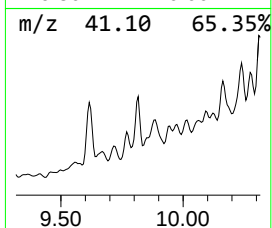
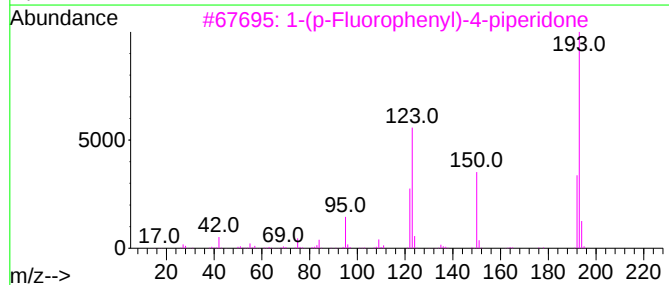
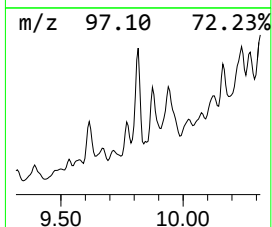
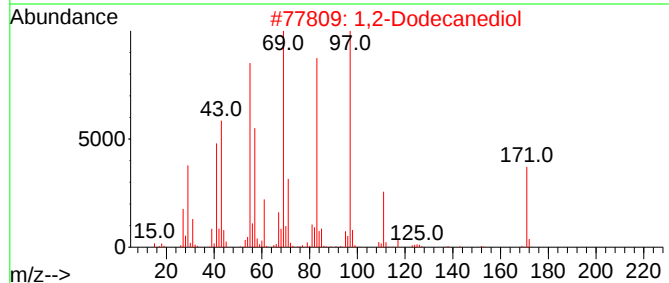
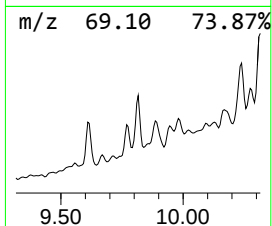
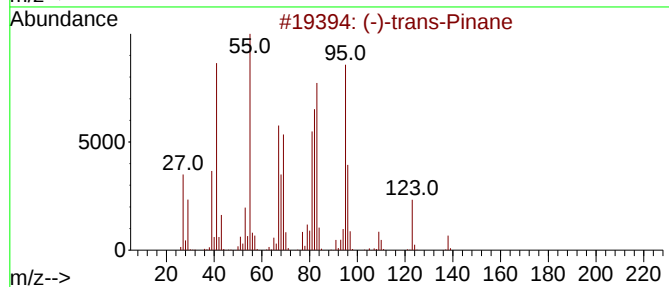
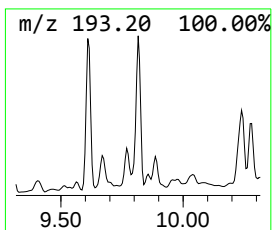
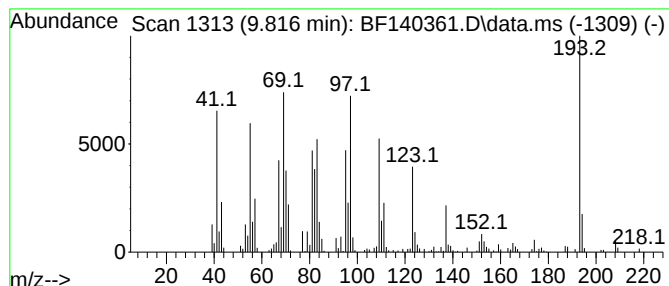
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.816 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	3.36 ng	178595	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-trans-Pinane			138	C10H18	033626-25-4	25
2	1,2-Dodecanediol			202	C12H26O2	001119-87-5	22
3	1-(p-Fluorophenyl)-4-piperidone			193	C11H12FNO	1000238-56-7	22
4	Cyclohexane, 1,1',1''-(1-ethanyl...			276	C20H36	055682-86-5	22
5	2-Pentene, 3-ethyl-4,4-dimethyl-			126	C9H18	053907-59-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-01

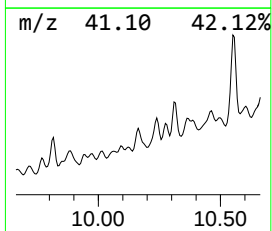
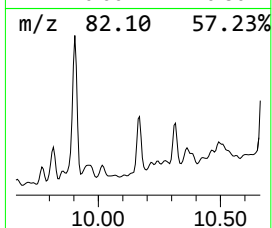
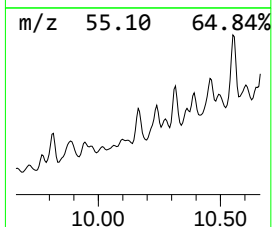
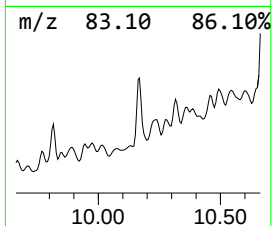
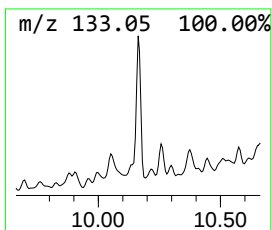
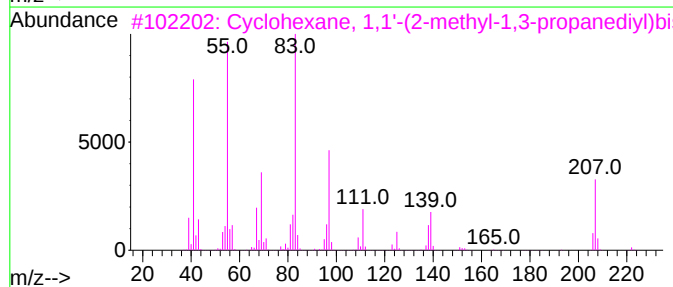
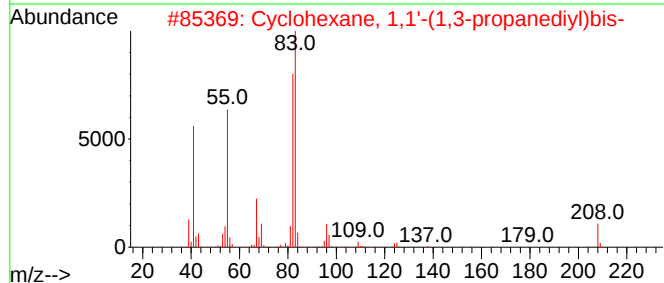
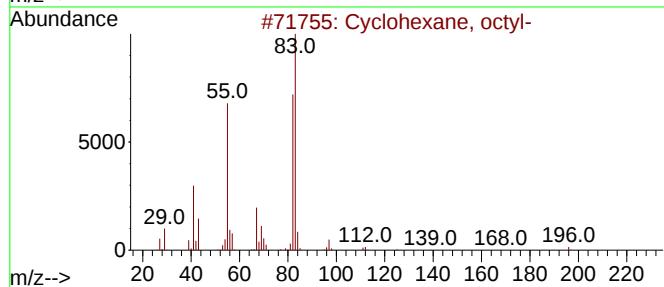
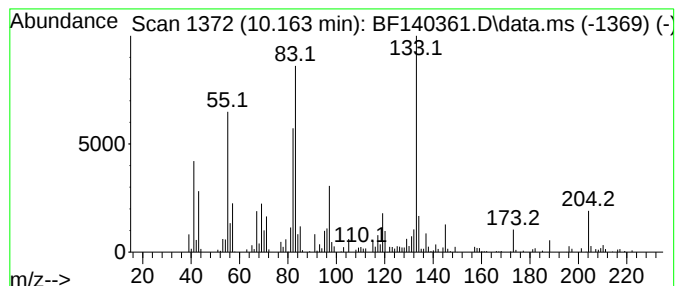
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.163 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	2.65 ng	140964	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, octyl-	196	C14H28	001795-15-9	38
2			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	30
3			Cyclohexane, 1,1'-(2-methyl-1,3-...	222	C16H30	002883-08-1	30
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	27
5			Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

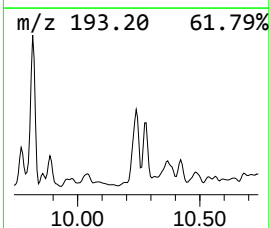
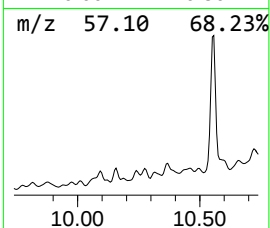
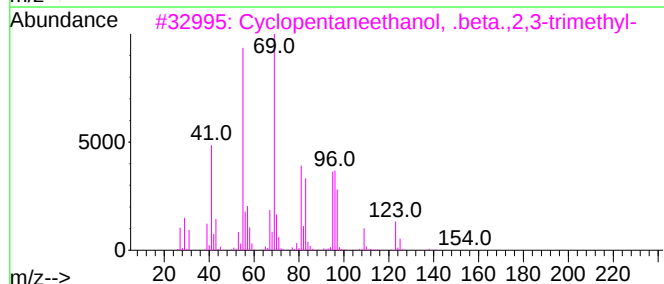
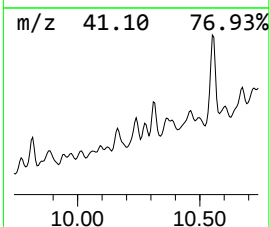
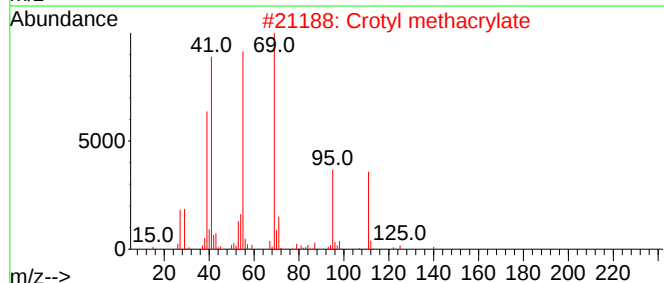
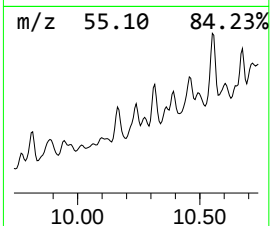
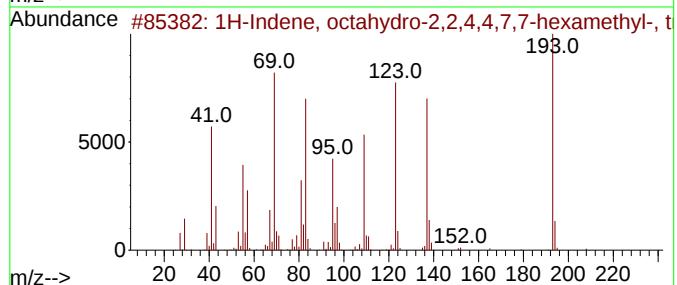
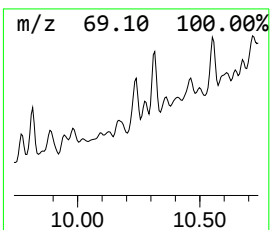
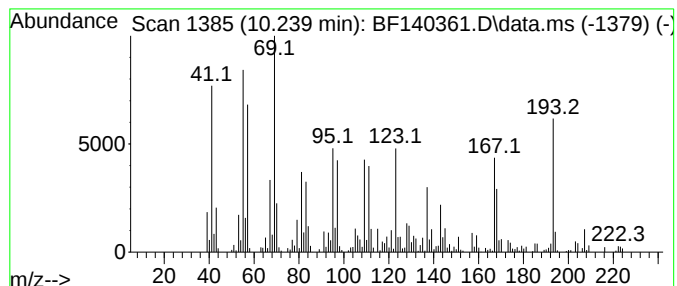
Instrument :
BNA_F
ClientSampleId :
SOIL-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, octahydro-2,2,4,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.239	5.14 ng	273147	Acenaphthene-d10		9.904	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...		208	C15H28	054832-83-6	58
2	Crotyl methacrylate		140	C8H12O2	007376-45-6	27
3	Cyclopentaneethanol, .beta.,2,3-...		156	C10H20O	021721-18-6	25
4	Cyclopentanecarboxylic acid, eth...		140	C8H12O2	016523-06-1	18
5	Cyclopropane carboxamide, 2-cycl...		207	C13H21NO	331416-19-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-01

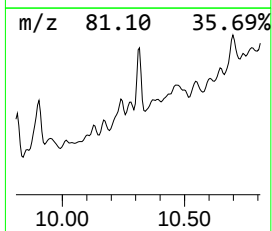
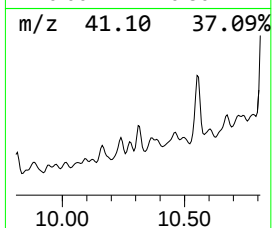
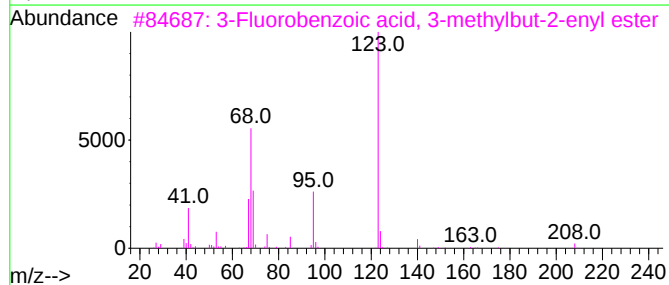
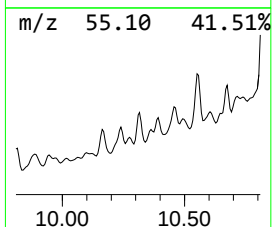
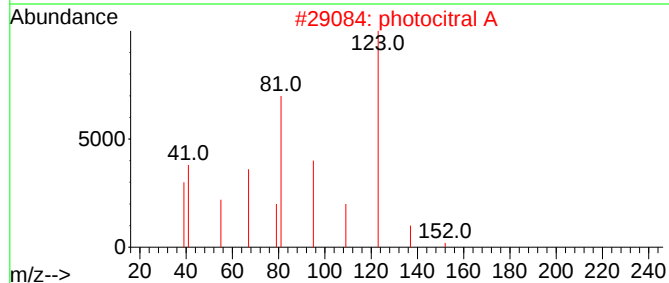
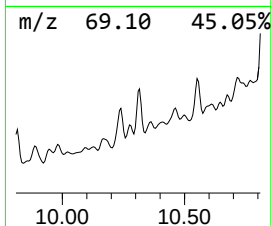
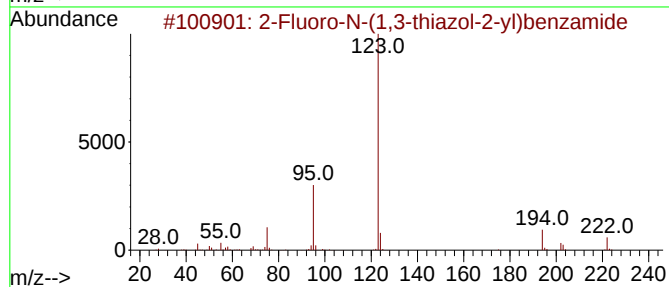
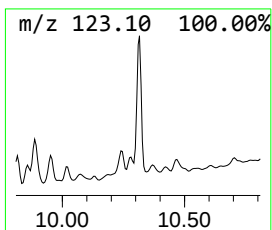
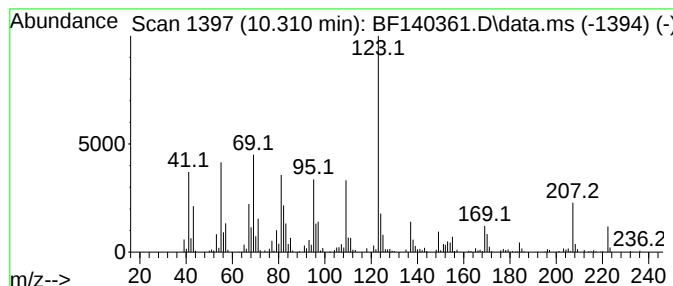
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown10.310 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	4.46 ng	237048	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Fluoro-N-(1,3-thiazol-2-yl)ben...	222	C10H7FN2OS	000319-38-0	47		
2	photocitral A	152	C10H16O	055253-28-6	47		
3	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	46		
4	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	43		
5	Benzeneacetic acid, .alpha.,4-di...	168	C8H8O4	001198-84-1	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-01

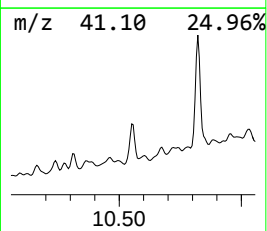
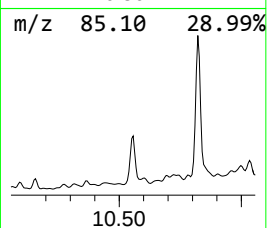
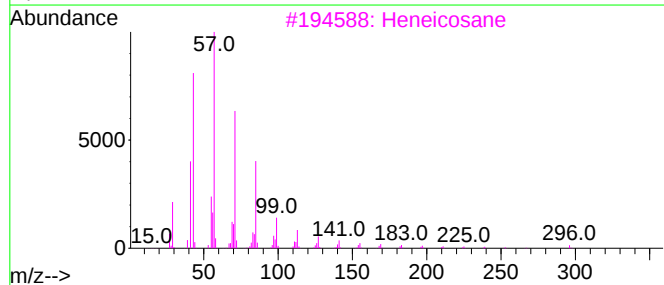
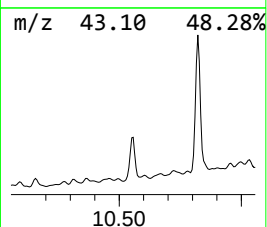
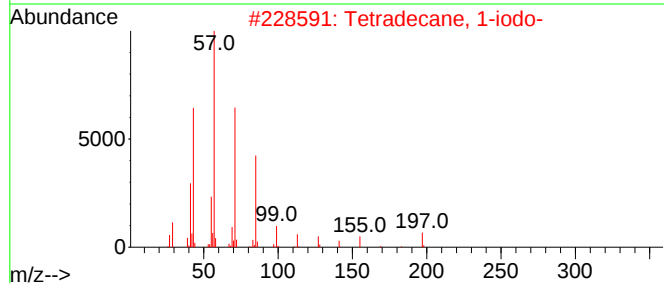
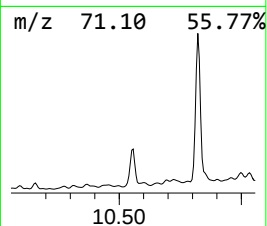
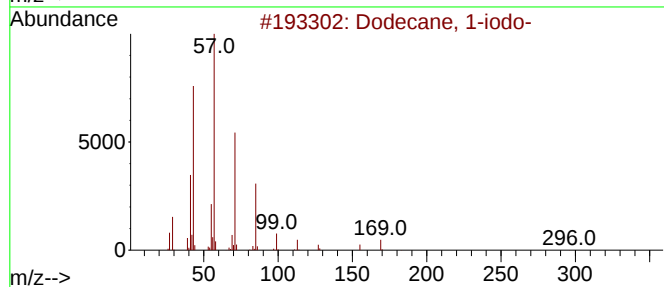
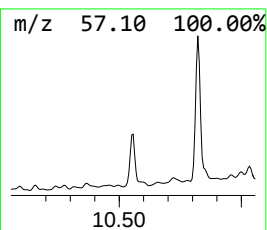
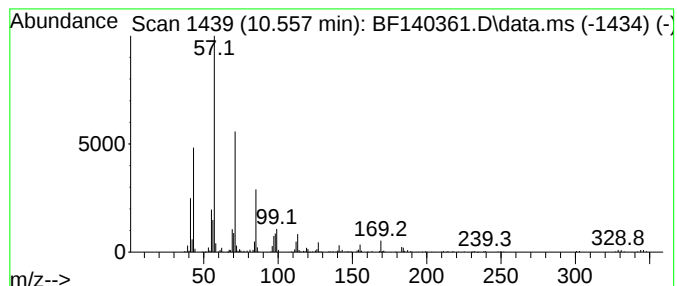
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	14.12 ng	750602	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
3			Heneicosane	296	C21H44	000629-94-7	86
4			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5			Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-01

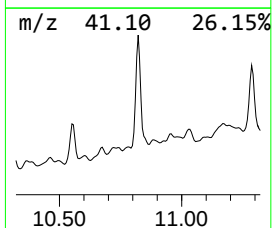
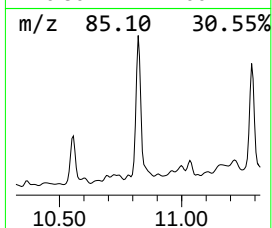
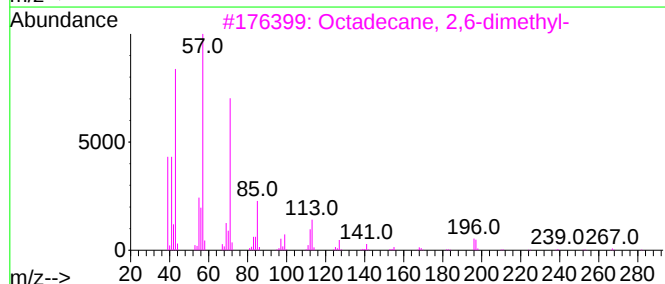
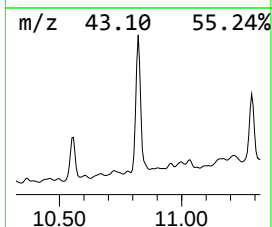
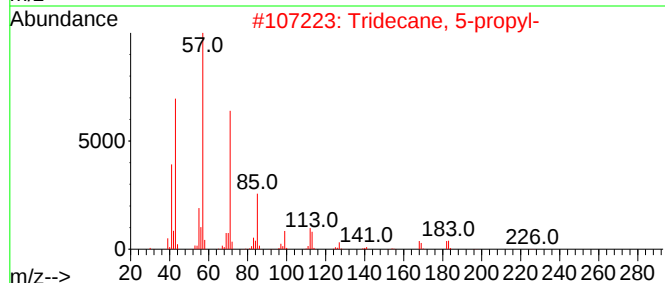
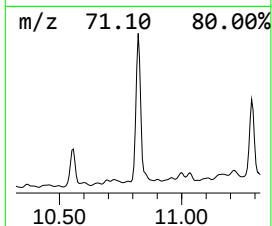
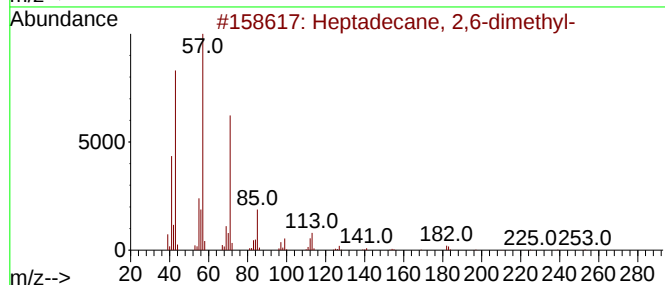
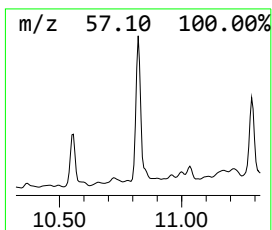
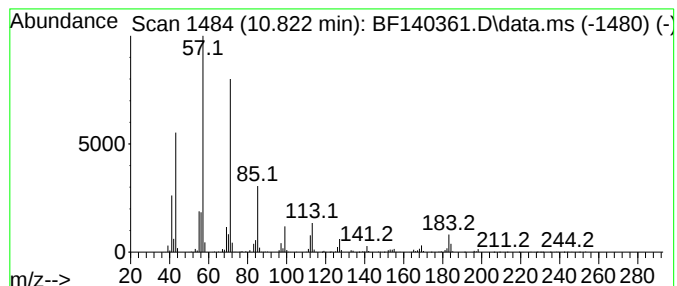
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	25.87 ng	1536610	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

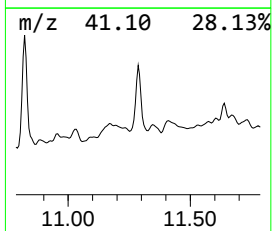
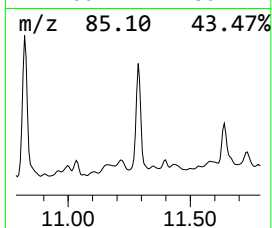
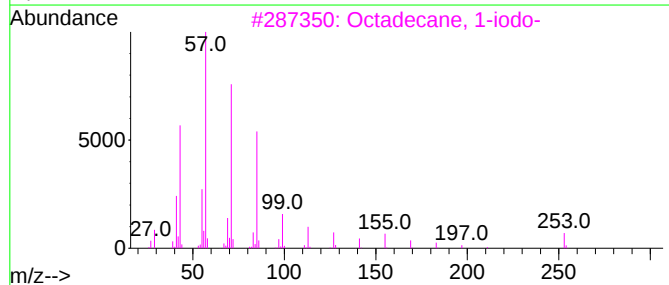
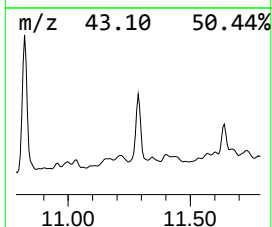
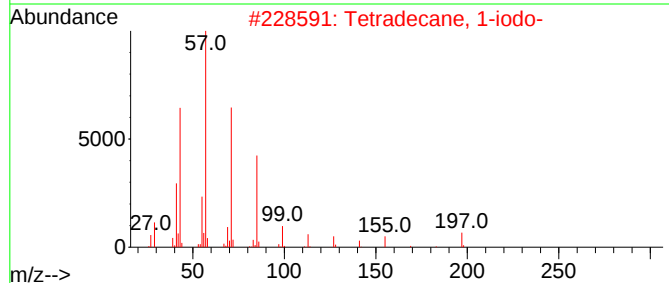
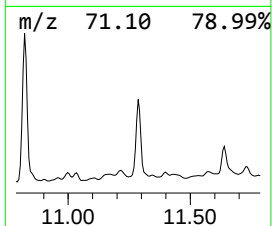
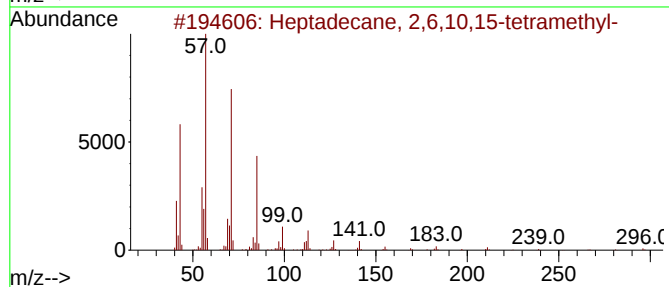
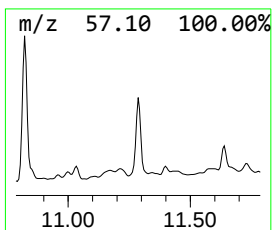
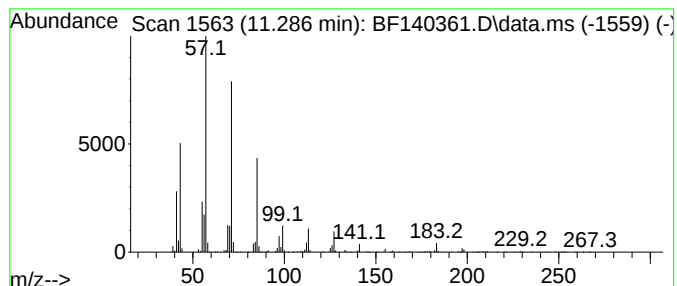
Instrument :
BNA_F
ClientSampleId :
SOIL-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.286	14.85 ng	881854	Phenanthrene-d10	11.398	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140361.D
Acq On : 14 Nov 2024 14:47
Operator : RC/JU
Sample : P4779-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.163	40.1	ng	1372470	1	6.869	684596	20.0
Propane, 1,1-di...	2.275	2.6	ng	88517	1	6.869	684596	20.0
2-Pentanone, 4-...	5.093	12.1	ng	413613	1	6.869	684596	20.0
unknown9.616	9.616	4.2	ng	224882	3	9.904	1063380	20.0
unknown9.816	9.816	3.4	ng	178595	3	9.904	1063380	20.0
unknown10.163	10.163	2.6	ng	140964	3	9.904	1063380	20.0
1H-Indene, octa...	10.239	5.1	ng	273147	3	9.904	1063380	20.0
unknown10.310	10.310	4.5	ng	237048	3	9.904	1063380	20.0
Dodecane, 1-iodo-	10.557	14.1	ng	750602	3	9.904	1063380	20.0
Heptadecane, 2,...	10.822	25.9	ng	1536610	4	11.398	1187750	20.0
Heptadecane, 2,...	11.286	14.9	ng	881854	4	11.398	1187750	20.0