

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143965.D
 Acq On : 15 Oct 2025 21:21
 Operator : RC/JU
 Sample : Q3345-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2ND-STREET-SOIL

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 1 % 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-BF100625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143965.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.105	485	495	503	rBV2	65000	121951	5.43%	0.735%
2	5.499	556	562	574	rBV	1563113	2091109	93.14%	12.610%
3	6.504	726	733	751	rBV	1583244	2245086	100.00%	13.539%
4	6.881	792	797	803	rBV	587651	728145	32.43%	4.391%
5	7.440	886	892	903	rBV	1054538	1382572	61.58%	8.337%
6	8.163	1009	1015	1027	rBV	724311	931499	41.49%	5.617%
7	9.240	1192	1198	1203	rBV	1709475	2192080	97.64%	13.219%
8	9.922	1308	1314	1324	rVB	792837	1011354	45.05%	6.099%
9	10.345	1379	1386	1390	rBV3	19540	33071	1.47%	0.199%
10	10.569	1419	1424	1430	rBV2	15489	25549	1.14%	0.154%
11	10.634	1430	1435	1442	rVV	303982	382172	17.02%	2.305%
12	10.710	1442	1448	1460	rVV	801846	1050926	46.81%	6.337%
13	10.834	1463	1469	1476	rVB3	44342	82604	3.68%	0.498%
14	10.945	1484	1488	1494	rVB	38622	49363	2.20%	0.298%
15	11.275	1539	1544	1546	rBV	34382	46224	2.06%	0.279%
16	11.304	1546	1549	1556	rVB4	22692	36236	1.61%	0.219%
17	11.410	1562	1567	1575	rBV	682114	920062	40.98%	5.548%
18	11.939	1650	1657	1667	rBV4	75940	155307	6.92%	0.937%
19	12.022	1668	1671	1680	rVV6	16756	34734	1.55%	0.209%
20	12.628	1770	1774	1778	rBV	46167	59526	2.65%	0.359%
21	12.857	1808	1813	1820	rBV	47543	79573	3.54%	0.480%
22	12.998	1832	1837	1845	rBV	1090583	1402703	62.48%	8.459%
23	13.910	1988	1992	2000	rBV4	30581	69300	3.09%	0.418%
24	14.057	2012	2017	2028	rVB	481604	738274	32.88%	4.452%
25	15.545	2264	2270	2282	rVB	417731	713499	31.78%	4.303%

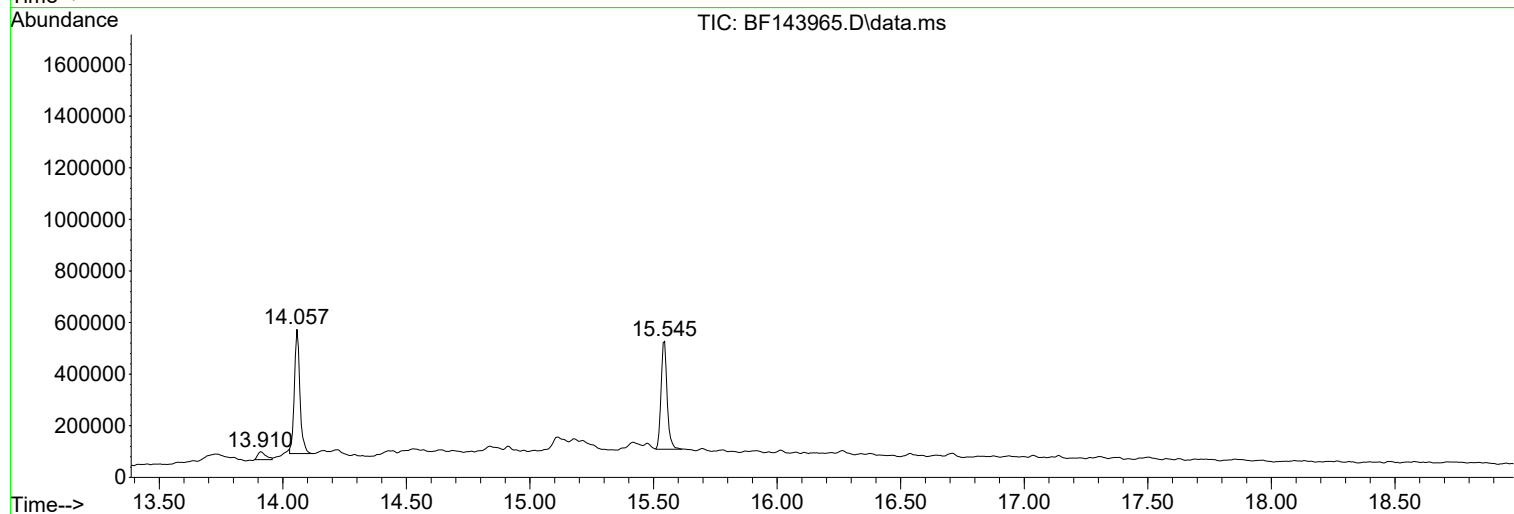
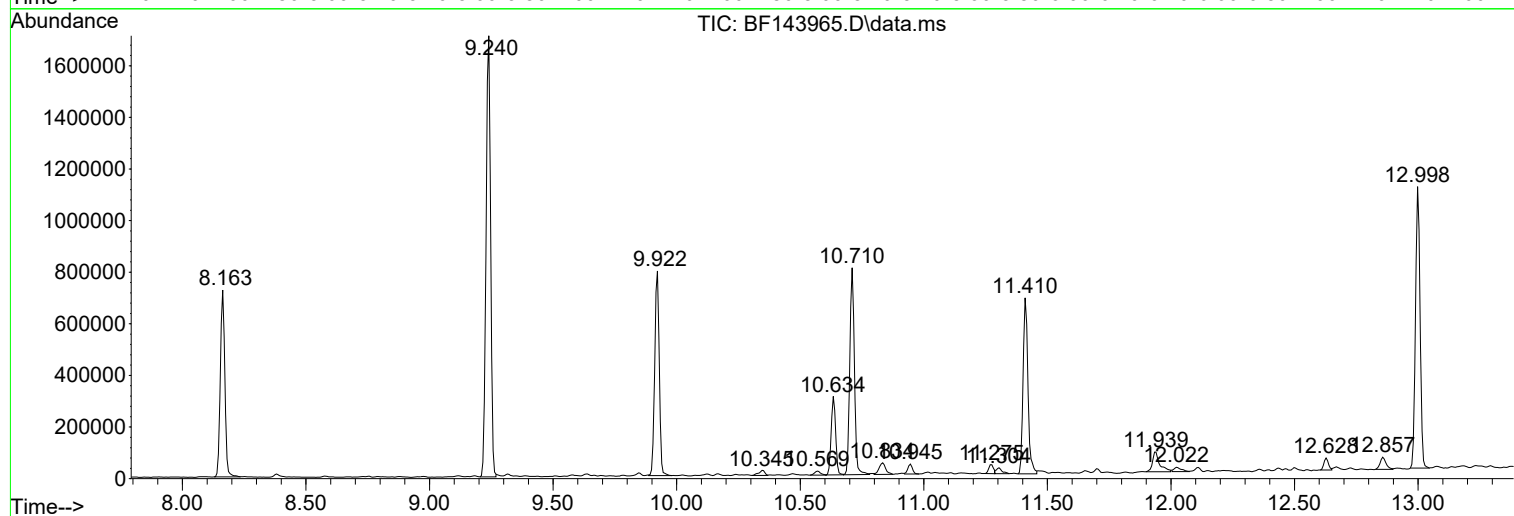
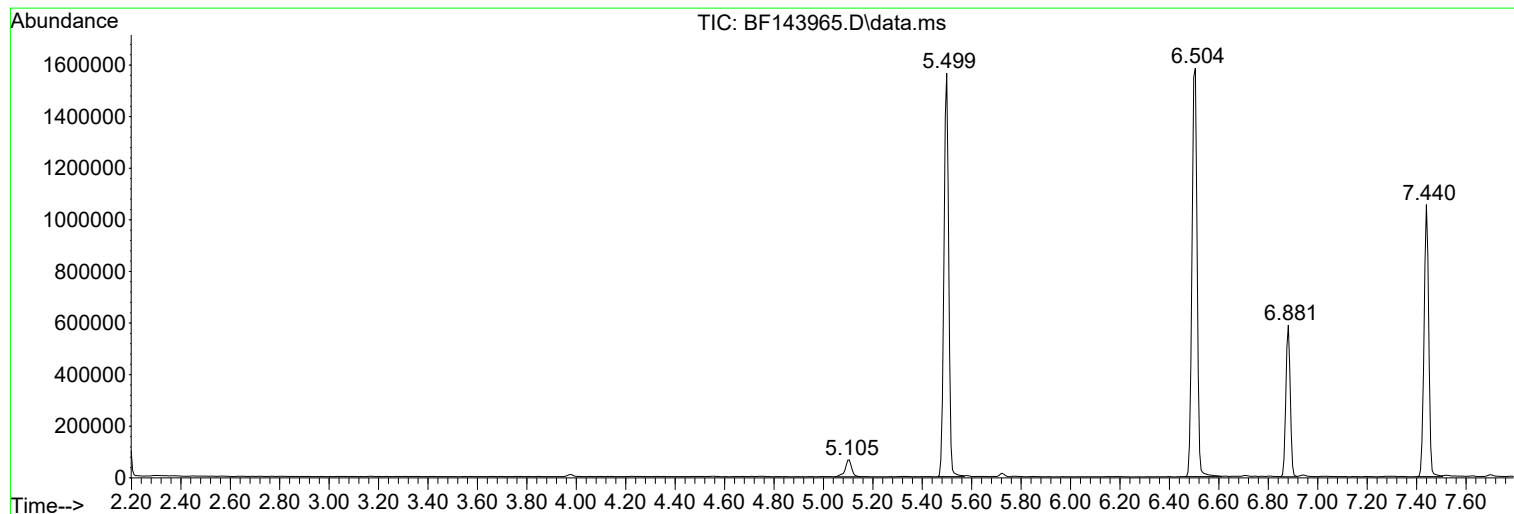
Sum of corrected areas: 16582919

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143965.D
Acq On : 15 Oct 2025 21:21
Operator : RC/JU
Sample : Q3345-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2ND-STREET-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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\BF101525\
Data File : BF143965.D
Acq On : 15 Oct 2025 21:21
Operator : RC/JU
Sample : Q3345-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2ND-STREET-SOIL

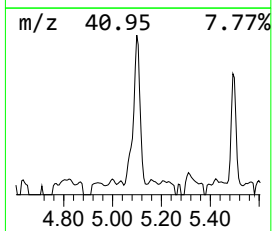
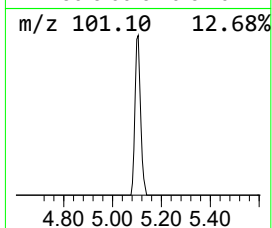
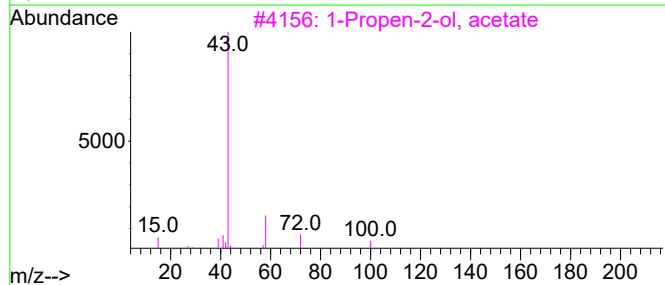
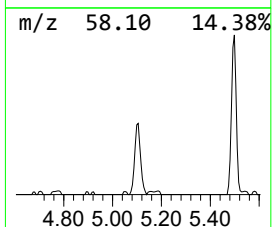
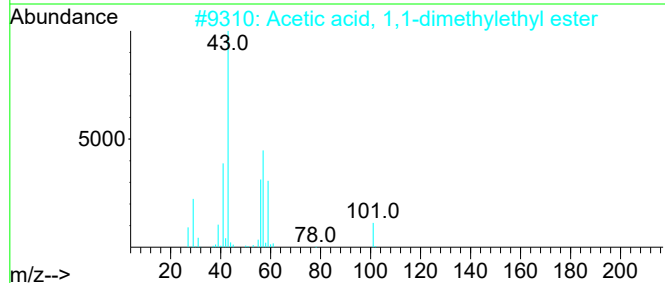
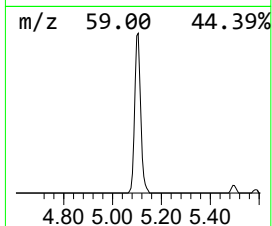
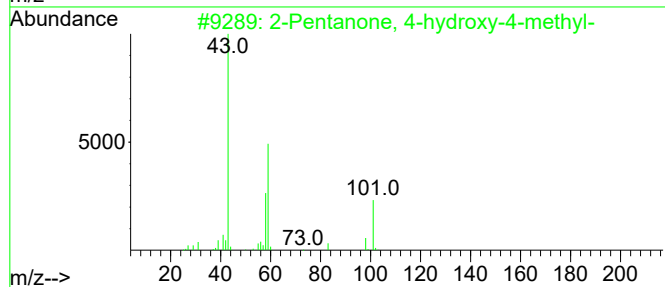
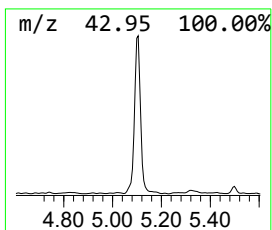
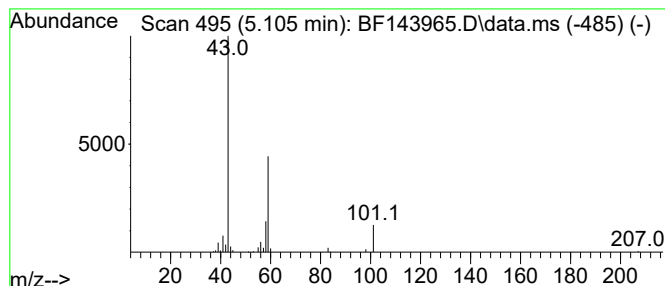
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.105	3.35 ng	121951	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	2-Pentanone, 5-(acetyloxy)-	144	C7H12O3	005185-97-7	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143965.D
Acq On : 15 Oct 2025 21:21
Operator : RC/JU
Sample : Q3345-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2ND-STREET-SOIL

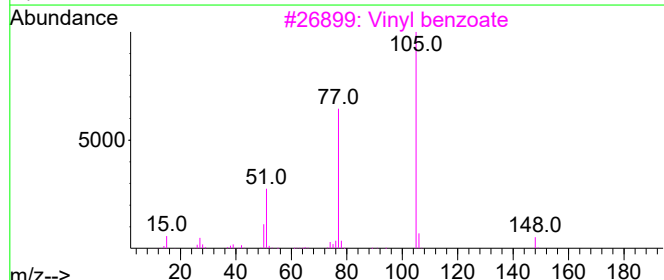
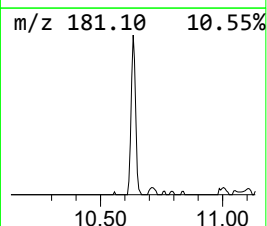
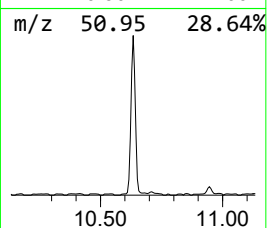
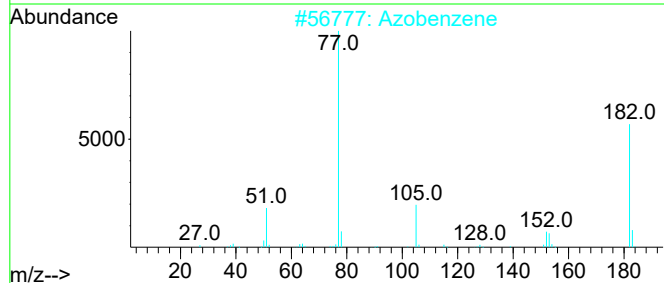
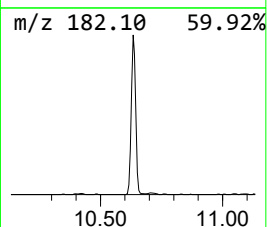
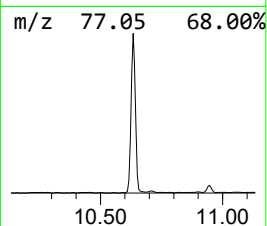
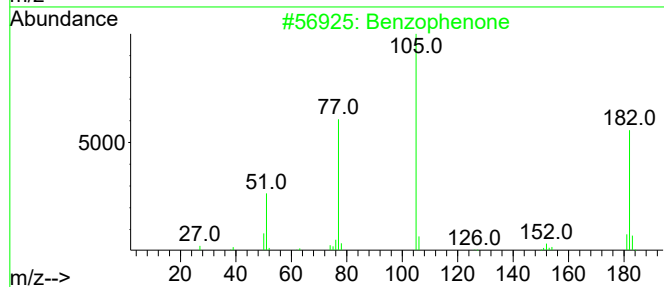
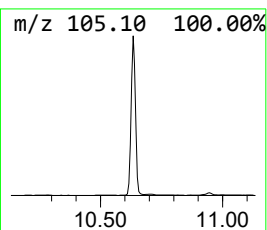
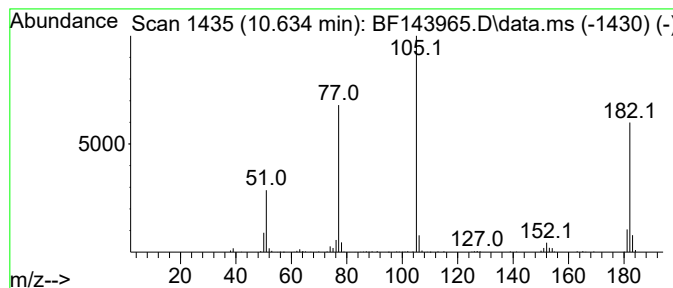
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	7.56 ng	382172	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	58
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
5			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143965.D
Acq On : 15 Oct 2025 21:21
Operator : RC/JU
Sample : Q3345-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

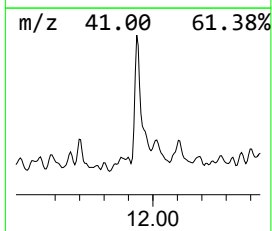
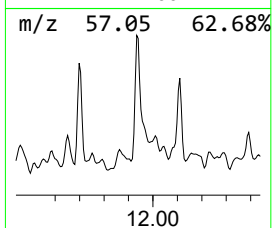
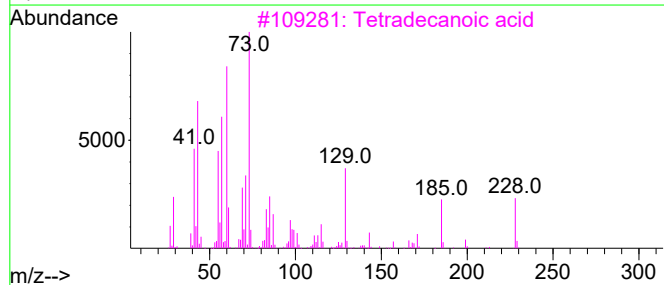
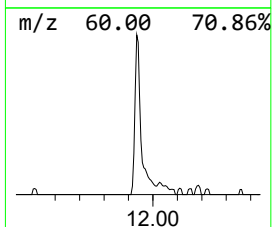
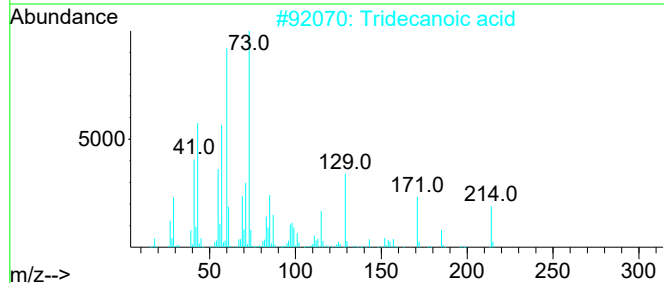
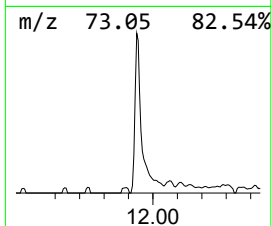
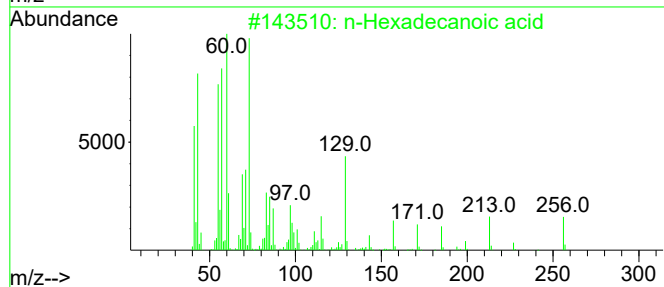
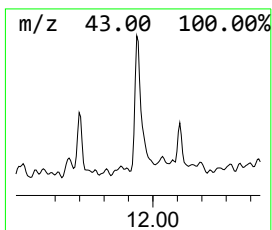
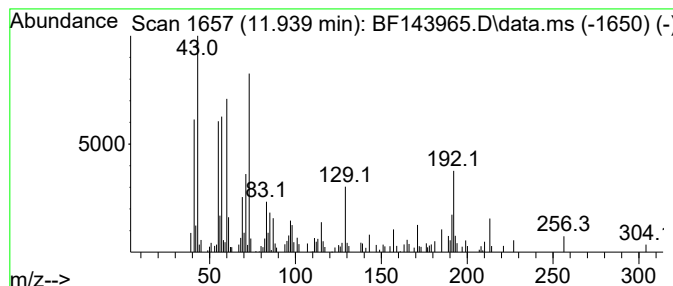
Instrument :
BNA_F
ClientSampleId :
2ND-STREET-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.939	3.38 ng	155307	Phenanthrene-d10	11.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	55
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Dodecanoic acid	200	C12H24O2	000143-07-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143965.D
Acq On : 15 Oct 2025 21:21
Operator : RC/JU
Sample : Q3345-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2ND-STREET-SOIL

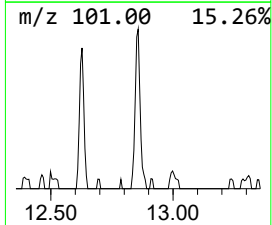
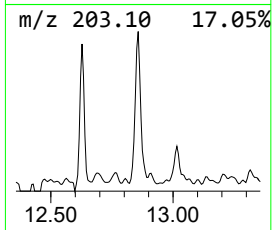
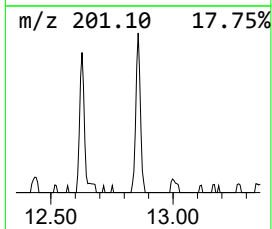
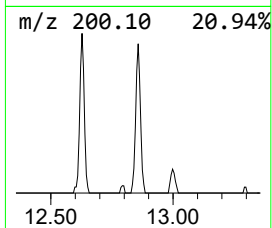
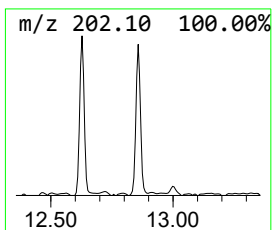
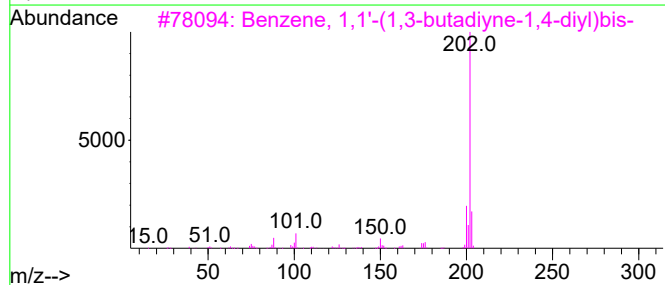
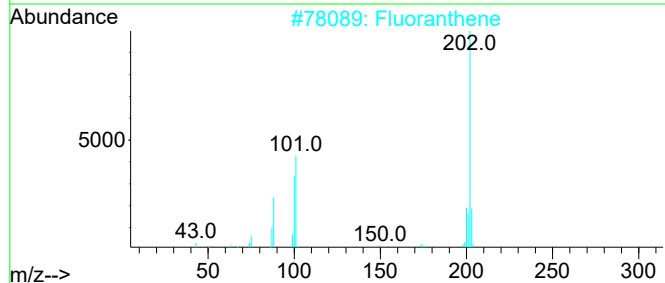
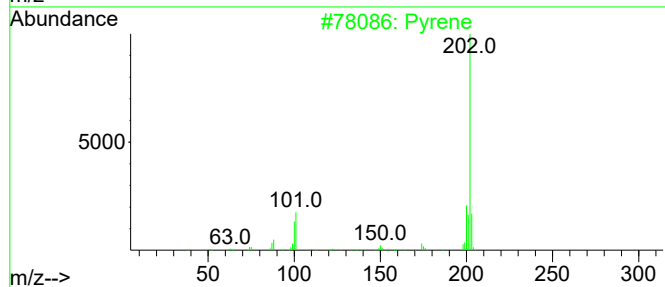
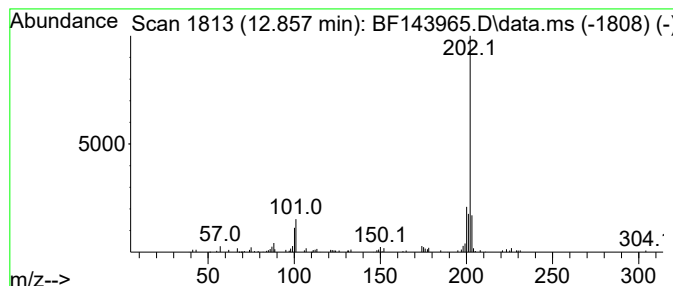
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.857	2.16 ng	79573	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene			202	C16H10	000129-00-0	97
2	Fluoranthene			202	C16H10	000206-44-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...			202	C16H10	000886-66-8	59
4	Pyrene, 10b,10c-dihydro-10b,10c-...			288	C22H24	028816-94-6	45
5	l-Leucyl-l-leucine, N,N'-dimethy...			472	C25H48N2O6	1000328-59-4	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143965.D
Acq On : 15 Oct 2025 21:21
Operator : RC/JU
Sample : Q3345-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2ND-STREET-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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
2-Pentanone, 4-...	5.105	3.3	ng	121951	1	6.881	728145	20.0
Benzophenone	10.634	7.6	ng	382172	3	9.922	1011350	20.0
n-Hexadecanoic ...	11.939	3.4	ng	155307	4	11.410	920062	20.0
Pyrene	12.857	2.2	ng	79573	5	14.057	738274	20.0