LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141542.D
Acq On : 10 Feb 2025 18:34
Operator : RC/JU
Sample : Q1344-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-1

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-BF020625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141542.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.151	4	10	23	rVB	242852	373965	15.99%	2.330%
2	2.304	30	36	44	rVB	46793	80814	3.45%	0.503%
3	4.363	380	386	395	rBV	95738	147955	6.32%	0.922%
4	4.992	483	493	509	rBV	121420	196537	8.40%	1.224%
5	5.410	559	564	586	rBV	1332288	1749302	74.78%	10.898%
6	6.422	731	736	762	rBV	1315328	1811166	77.42%	11.283%
7	6.786	793	798	806	rBV	423017	530112	22.66%	3.303%
8	7.345	887	893	905	rBV	866937	1167128	49.89%	7.271%
9	7.610	933	938	949	rBV	33198	54695	2.34%	0.341%
10	8.069	1010	1016	1034	rBV	525338	709172	30.32%	4.418%
11	9.145	1193	1199	1209	rBV	1581168	2134243	91.23%	13.296%
12	9.821	1308	1314	1329	rVB	625472	806462	34.47%	5.024%
13	10.533	1430	1435	1443	rBV	249666	308271	13.18%	1.920%
14	10.610	1443	1448	1461	rBV	990773	1300605	55.60%	8.103%
15	11.304	1561	1566	1574	rBV	613319	821691	35.13%	5.119%
16	11.839	1652	1657	1674	rBV2	80904	151307	6.47%	0.943%
17	12.892	1830	1836	1842	rBV	1790342	2339322	100.00%	14.574%
18	13.433	1923	1928	1932	rBV	31247	40592	1.74%	0.253%
19	13.821	1986	1994	2010	rBV5	41016	167175	7.15%	1.041%
20	13.951	2010	2016	2023	rVB	485384	666501	28.49%	4.152%
21	15.403	2257	2263	2275	rBV	305432	494700	21.15%	3.082%

Sum of corrected areas: 16051715

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
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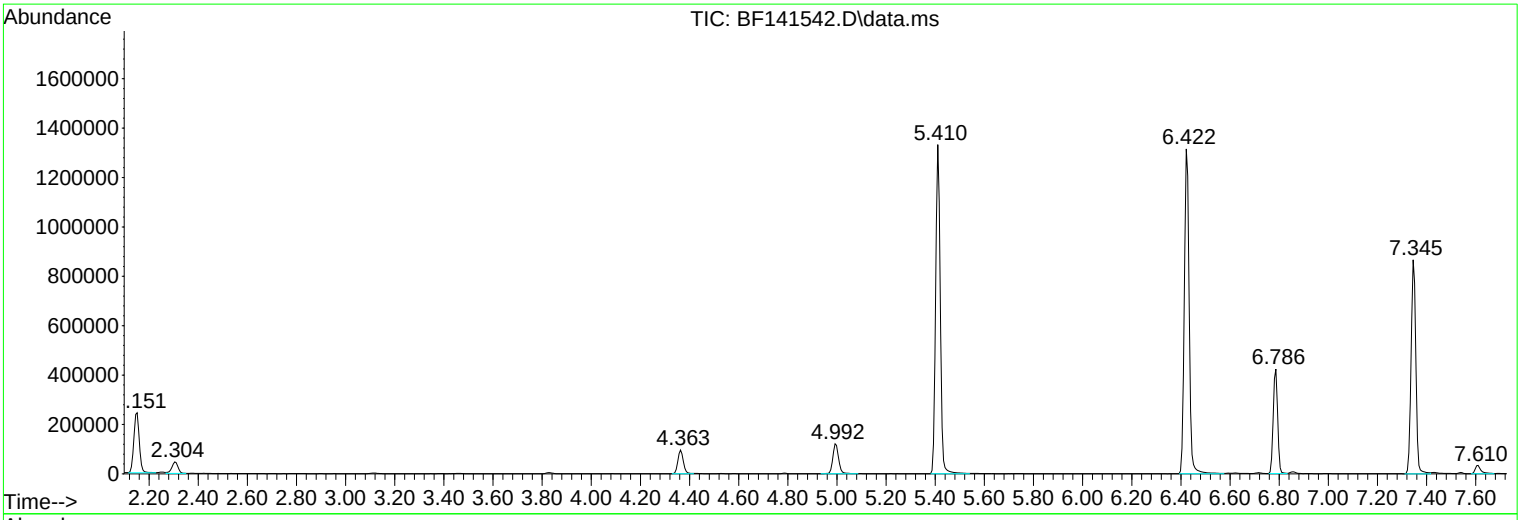
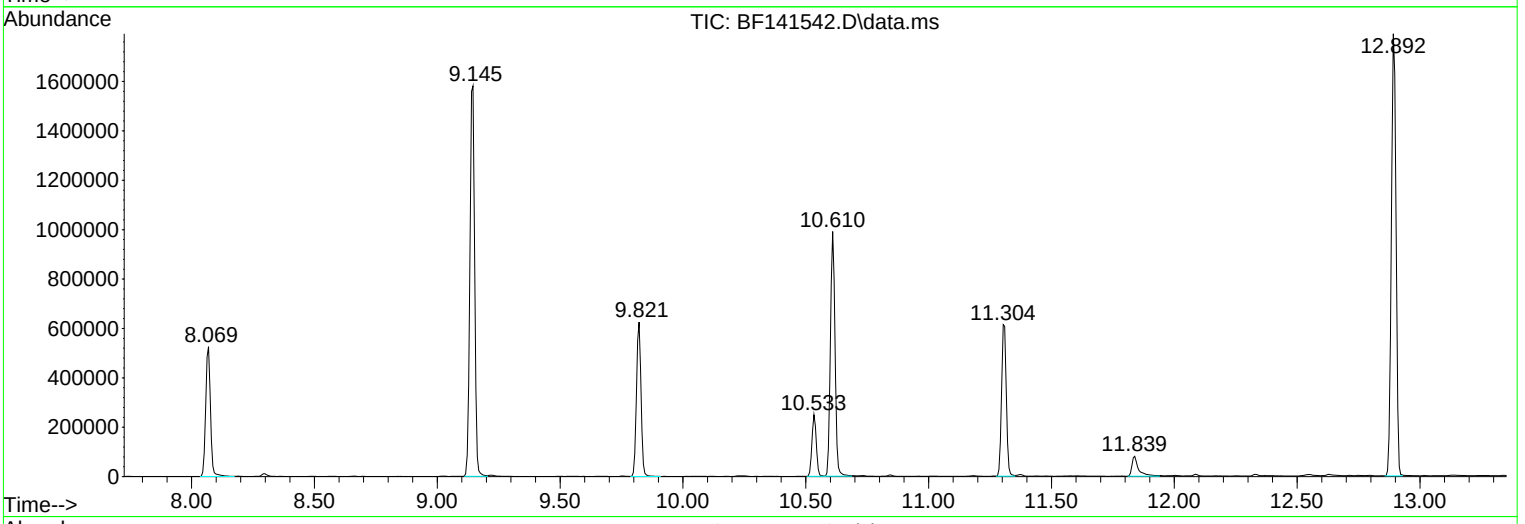
Misc :
ALS Vial : 13 Sample Multiplier: 1

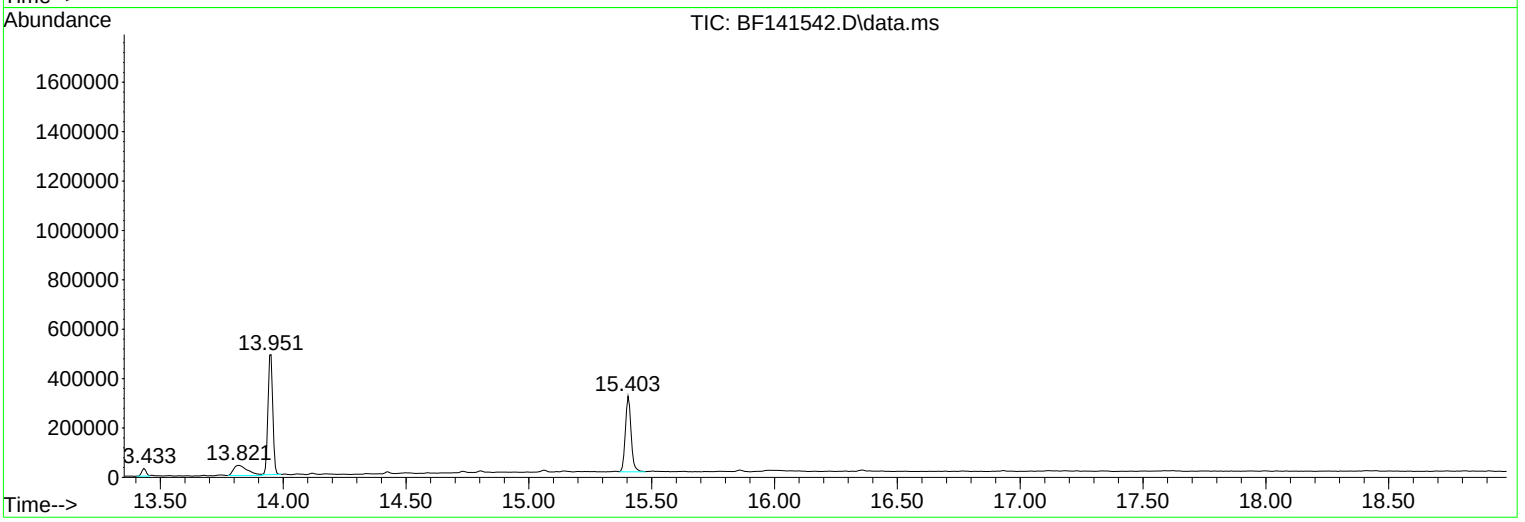
Instrument :
BNA_F
ClientSampleId :
SOIL-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Data File : BF141542.D
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Misc :
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Instrument :
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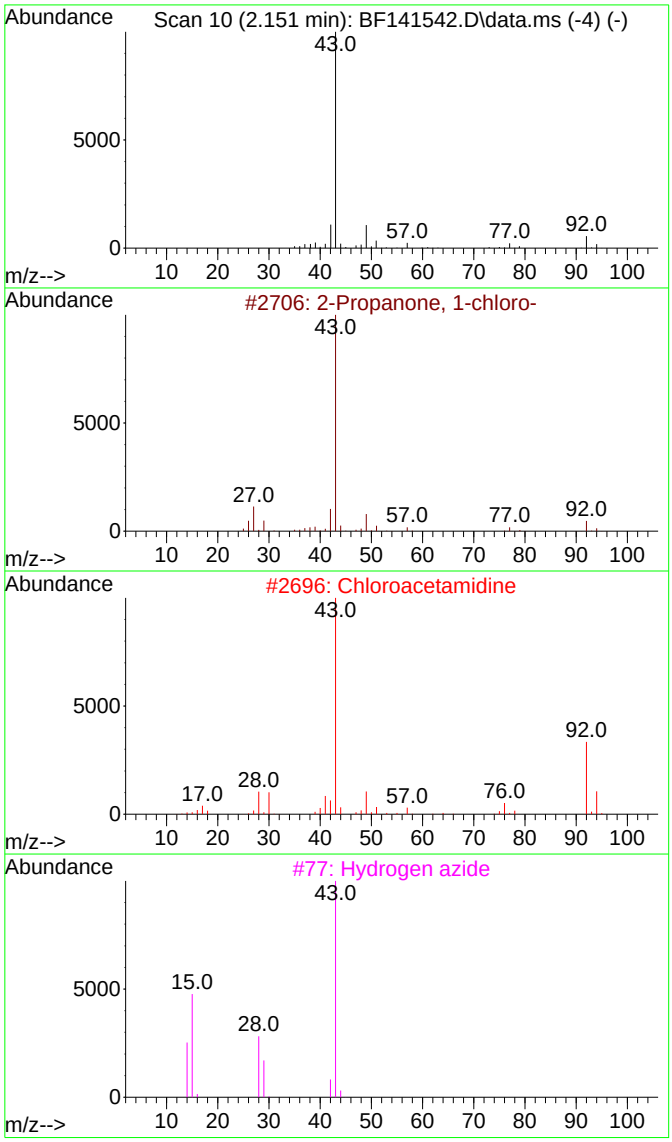
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

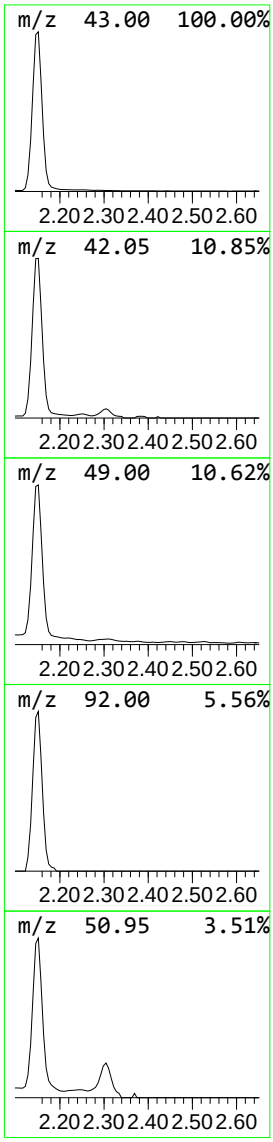
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Propanone, 1-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.151	14.11 ng	373965	1,4-Dichlorobenzene-d4	6.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	91
2	Chloroacetamidine	92	C2H5ClN2	020846-52-0	47
3	Hydrogen azide	43	HN3	007782-79-8	4
4	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





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Data File : BF141542.D
Acq On : 10 Feb 2025 18:34
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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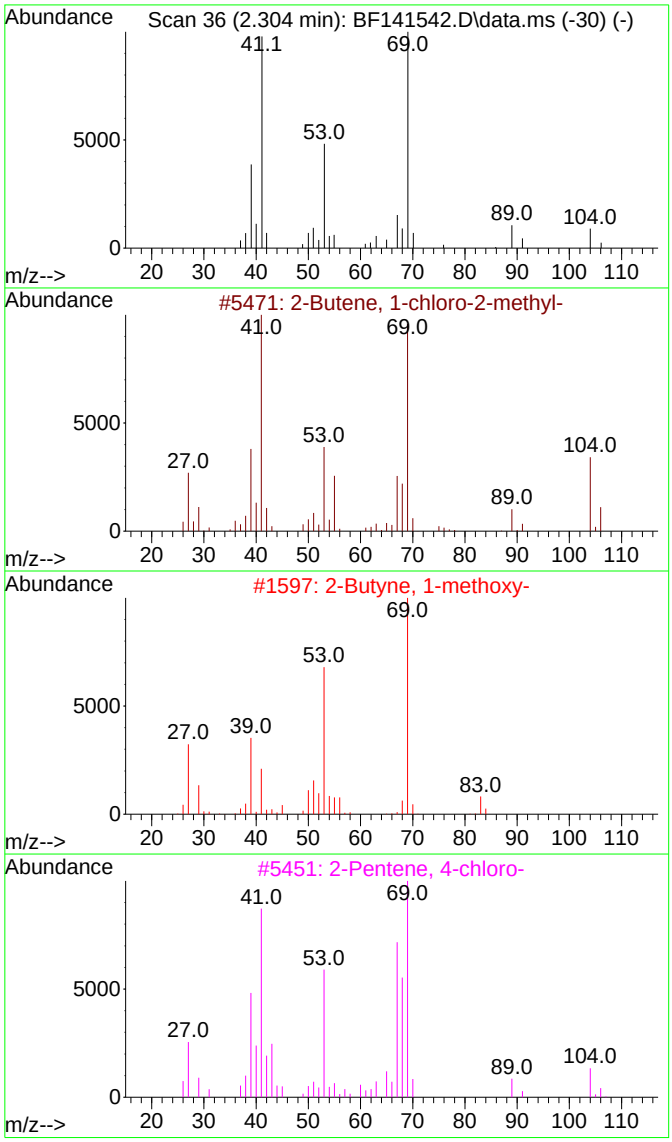
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

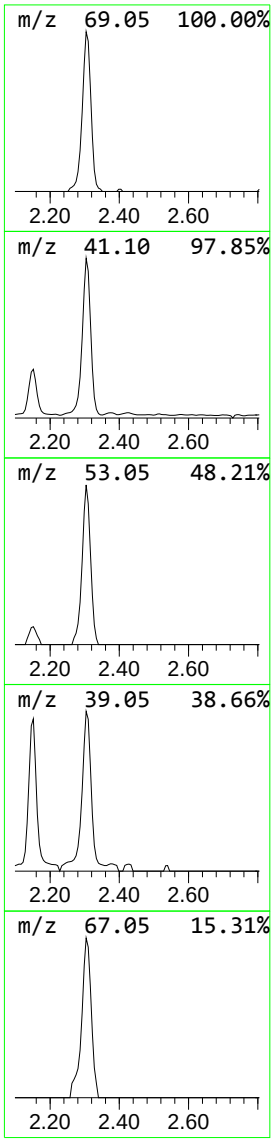
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Butene, 1-chloro-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.304	3.05 ng	80814	1,4-Dichlorobenzene-d4	6.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	64
2	2-Butyne, 1-methoxy-	84	C5H8O	002768-41-4	59
3	2-Pentene, 4-chloro-	104	C5H9Cl	001458-99-7	40
4	1-Butene, 1-chloro-3-methyl-	104	C5H9Cl	023010-00-6	37
5	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141542.D
Acq On : 10 Feb 2025 18:34
Operator : RC/JU
Sample : Q1344-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-1

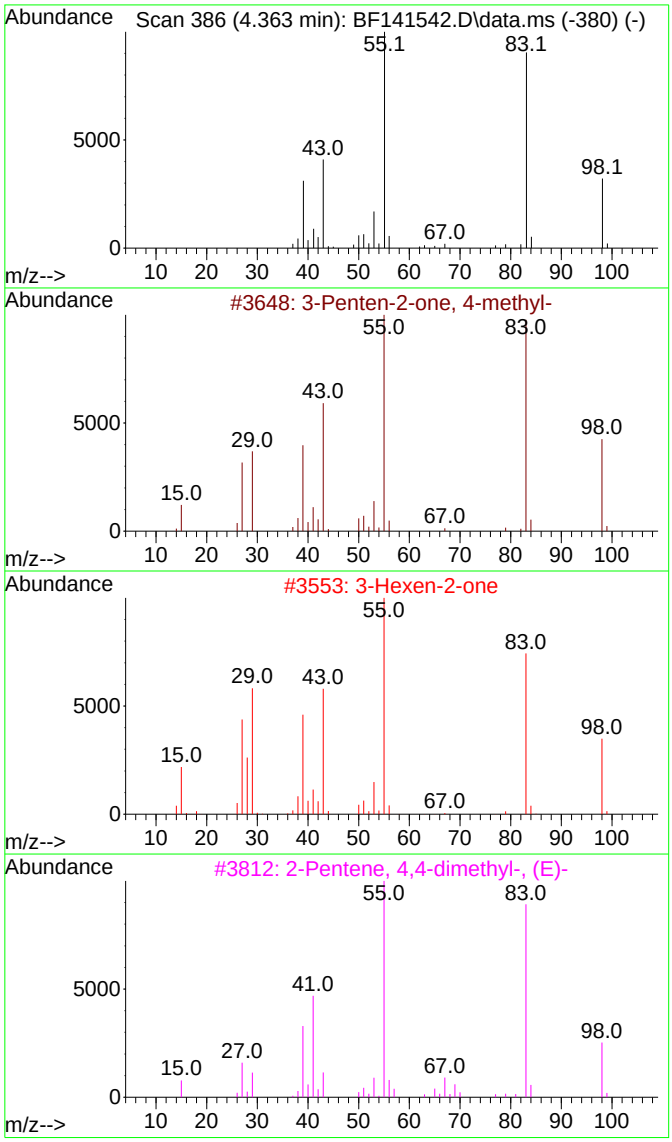
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

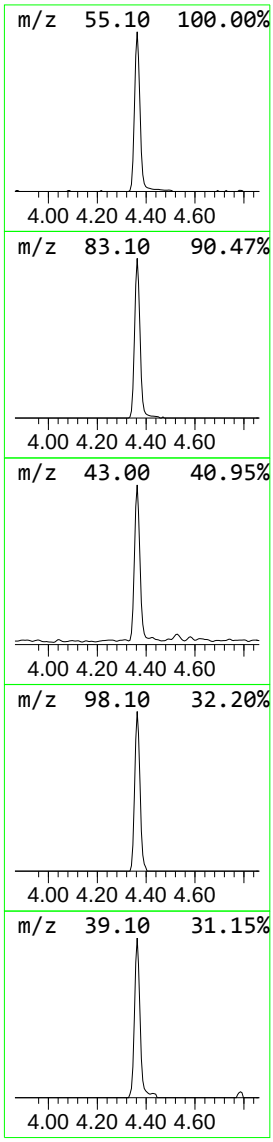
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.363	5.58 ng	147955	1,4-Dichlorobenzene-d4	6.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72
5	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72





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Data File : BF141542.D
Acq On : 10 Feb 2025 18:34
Operator : RC/JU
Sample : Q1344-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-1

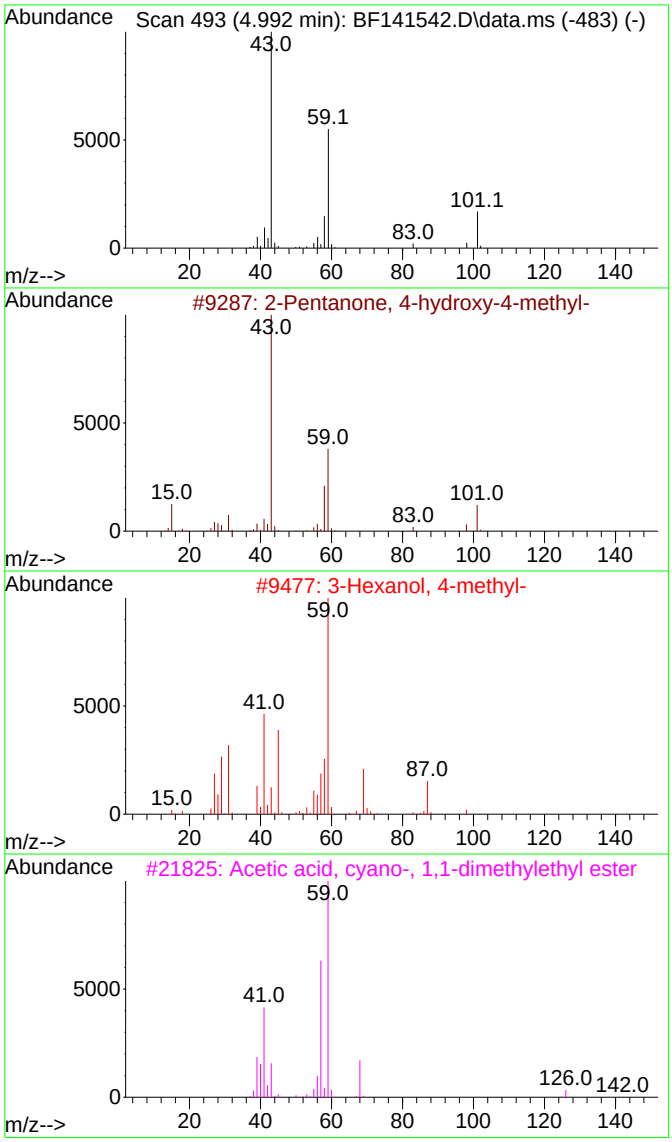
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

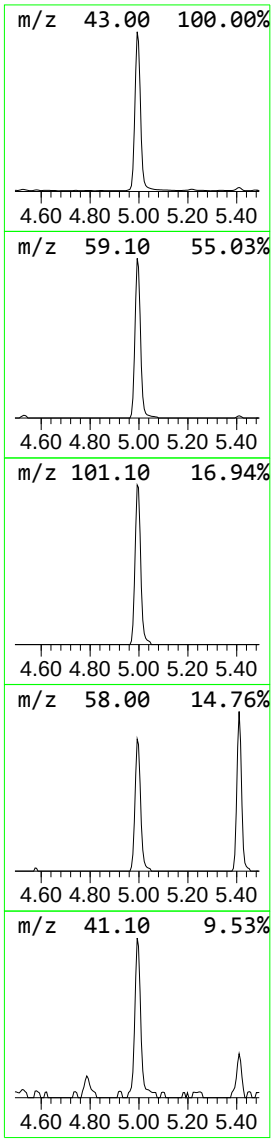
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.992	7.41 ng	196537	1,4-Dichlorobenzene-d4	6.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
Data File : BF141542.D
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Operator : RC/JU
Sample : Q1344-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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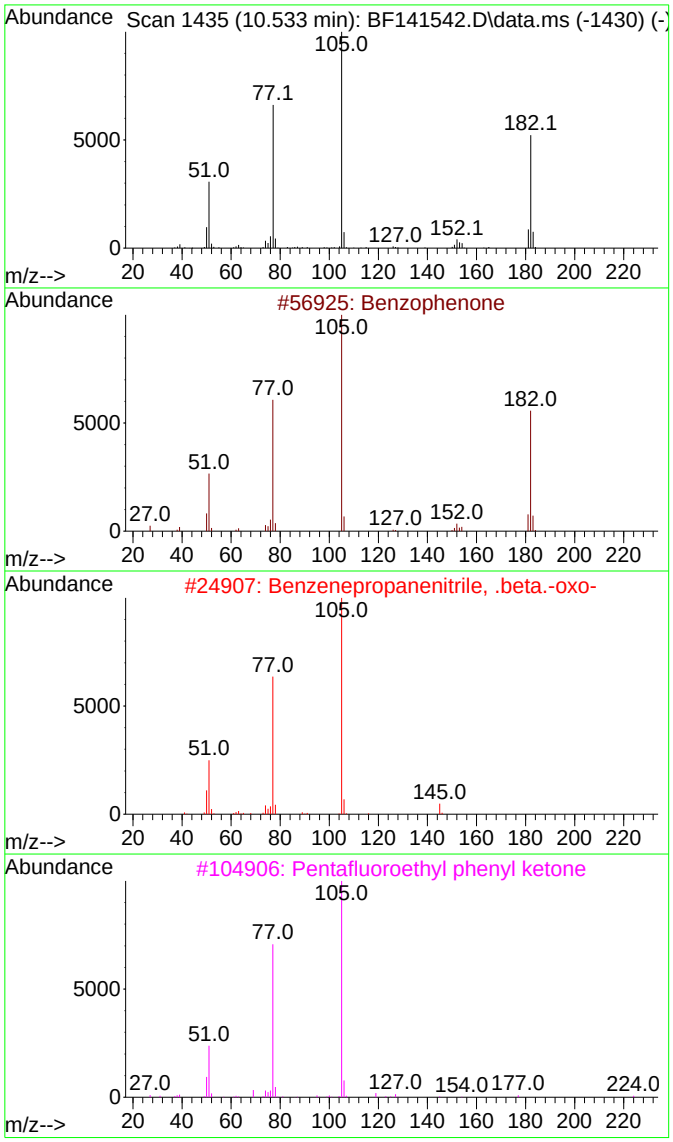
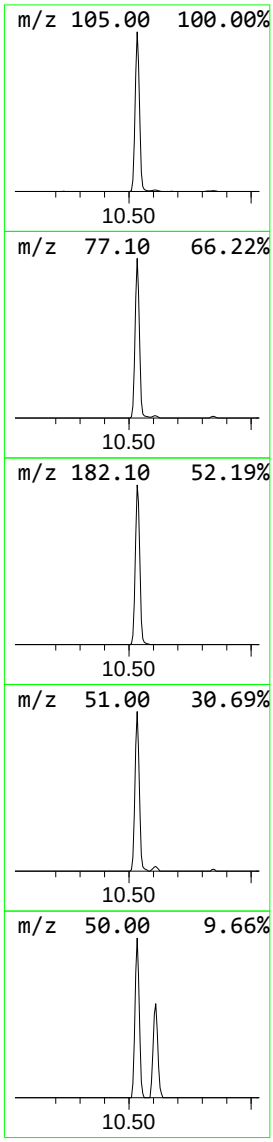
****

Peak Number 5 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	7.65 ng	308271	Acenaphthene-d10	9.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	50
3	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	50
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	50
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	50





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Operator : RC/JU
Sample : Q1344-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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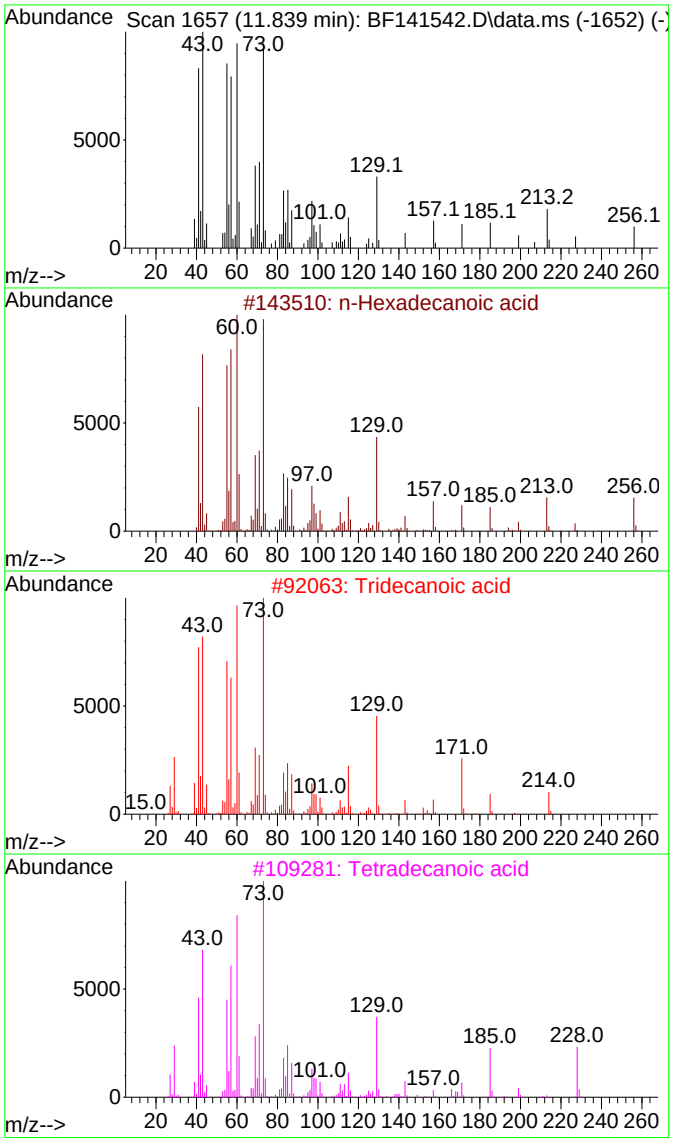
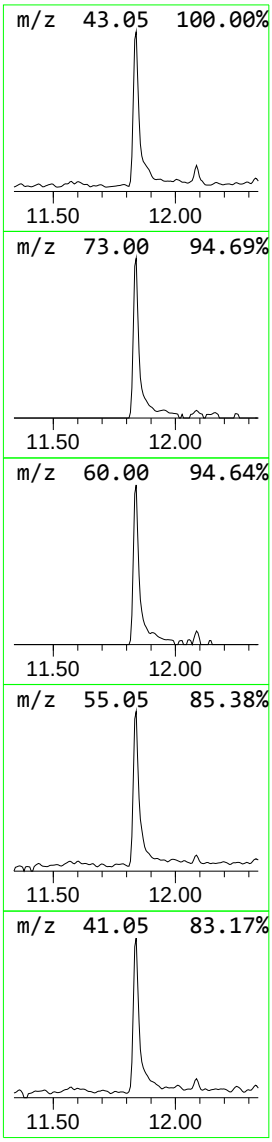
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	3.68 ng	151307	Phenanthrene-d10	11.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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Sample : Q1344-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
SOIL-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

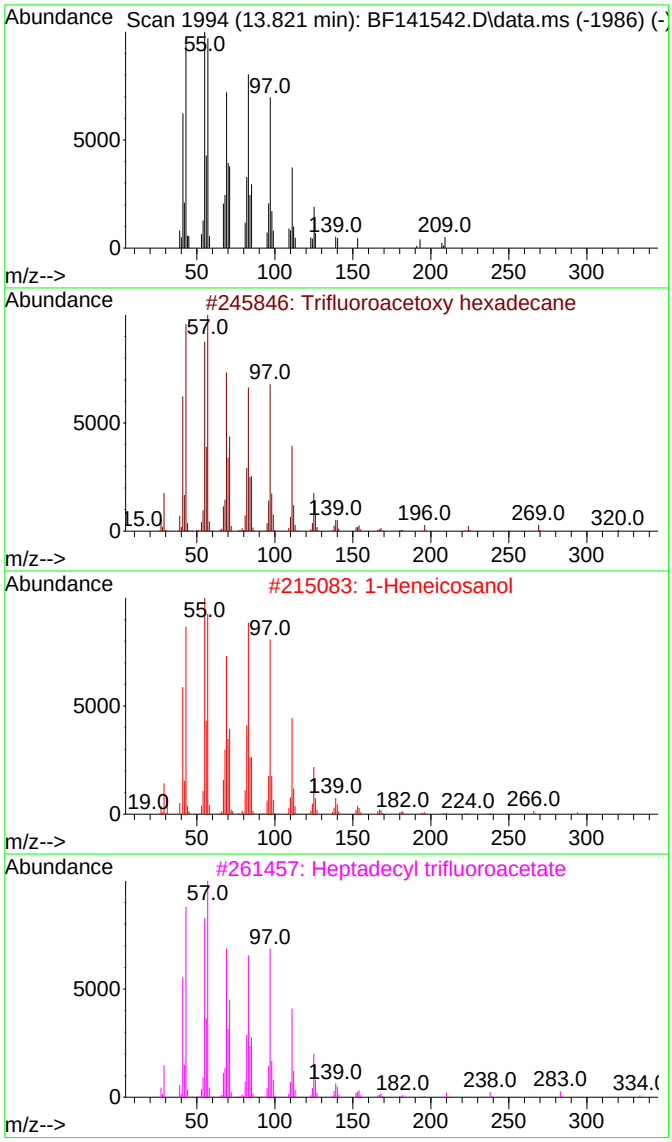
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

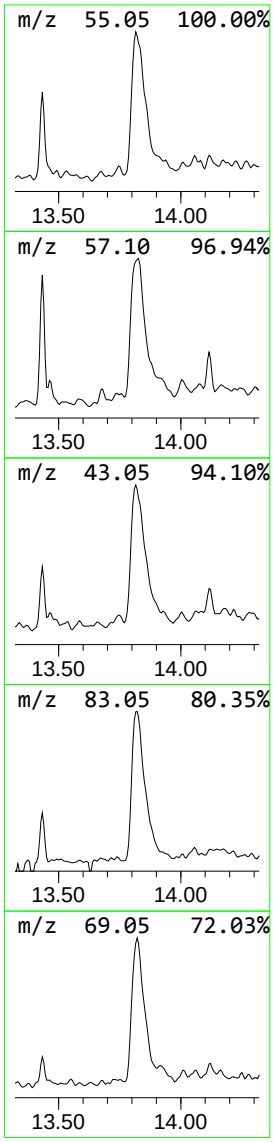
****

Peak Number 7 Trifluoroacetoxy hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	5.02 ng	167175	Chrysene-d12	13.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propanone, 1-...	2.151	14.1	ng	373965	1	6.786	530112	20.0
2-Butene, 1-chl...	2.304	3.0	ng	80814	1	6.786	530112	20.0
3-Penten-2-one,...	4.363	5.6	ng	147955	1	6.786	530112	20.0
2-Pentanone, 4-...	4.992	7.4	ng	196537	1	6.786	530112	20.0
Benzophenone	10.533	7.7	ng	308271	3	9.821	806462	20.0
n-Hexadecanoic ...	11.839	3.7	ng	151307	4	11.304	821691	20.0
Trifluoroacetox...	13.821	5.0	ng	167175	5	13.951	666501	20.0