LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP003994.D
Acq On : 18 Nov 2020 15:26
Operator : CG/JU
Sample : L4776-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ND-SOIL

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_P\METHODS\8270-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003994.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.928	3	7	26	rVB	5081860	6351526	100.00%	15.903%
2	3.087	27	34	44	rVV	110811	240587	3.79%	0.602%
3	3.175	44	49	61	rVB	346933	464306	7.31%	1.163%
4	5.805	488	496	509	rBV	2046765	3169432	49.90%	7.936%
5	7.457	769	777	792	rBV	1981054	3256484	51.27%	8.153%
6	7.852	838	844	852	rBV	62950	94389	1.49%	0.236%
7	8.281	909	917	924	rBV	551073	873708	13.76%	2.188%
8	9.446	1104	1115	1125	rBV	1286988	2129029	33.52%	5.331%
9	11.116	1391	1399	1408	rBV	697394	1191997	18.77%	2.984%
10	13.528	1802	1809	1823	rBV	2569550	3851217	60.63%	9.643%
11	13.716	1837	1841	1849	rBV6	37574	82343	1.30%	0.206%
12	13.787	1849	1853	1860	rBV	83205	139915	2.20%	0.350%
13	14.328	1941	1945	1952	rBV	263126	458932	7.23%	1.149%
14	14.675	1998	2004	2008	rBV6	138253	377418	5.94%	0.945%
15	14.751	2013	2017	2022	rVB	299749	456920	7.19%	1.144%
16	14.904	2036	2043	2053	rVB	1078069	1842926	29.02%	4.614%
17	15.704	2175	2179	2184	rVB	391841	526103	8.28%	1.317%
18	16.392	2291	2296	2301	rBV	2068534	2992392	47.11%	7.492%
19	17.639	2504	2508	2516	rBV	1193039	1833012	28.86%	4.589%
20	20.139	2929	2933	2941	rVB	4082956	4769065	75.09%	11.941%
21	21.327	3131	3135	3145	rVB	680441	973518	15.33%	2.437%
22	21.674	3190	3194	3206	rVB	1299809	1834698	28.89%	4.594%
23	22.627	3352	3356	3365	rVB2	182433	312430	4.92%	0.782%
24	24.162	3611	3617	3626	rVB2	827886	1717426	27.04%	4.300%

Sum of corrected areas: 39939773

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
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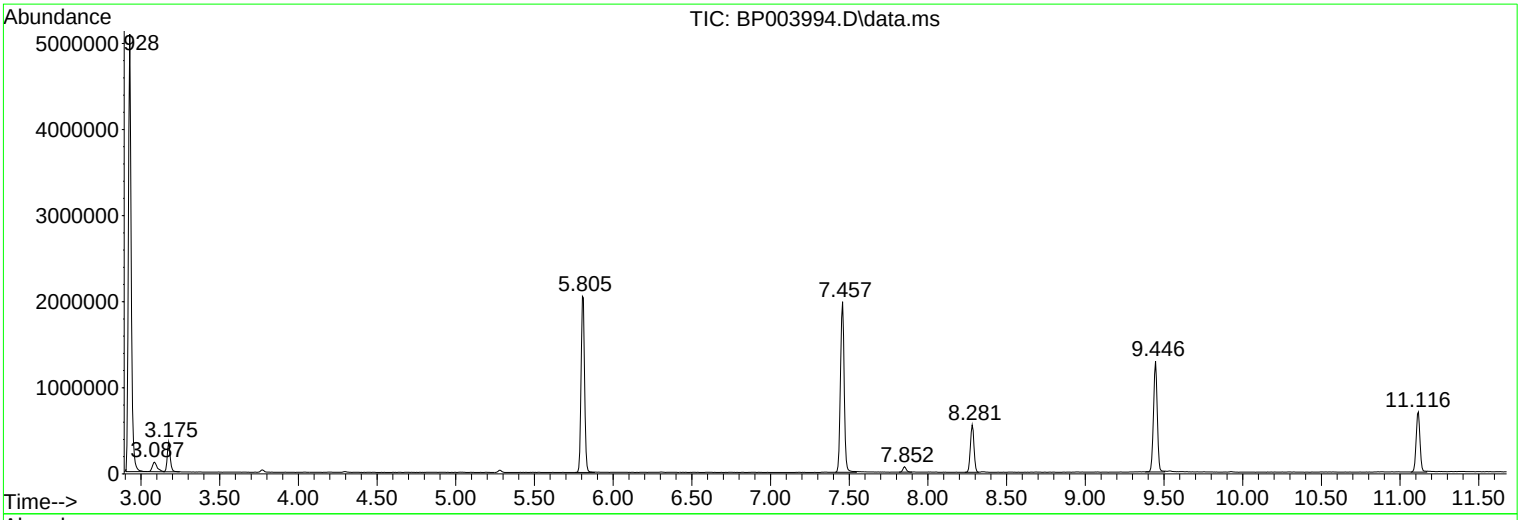
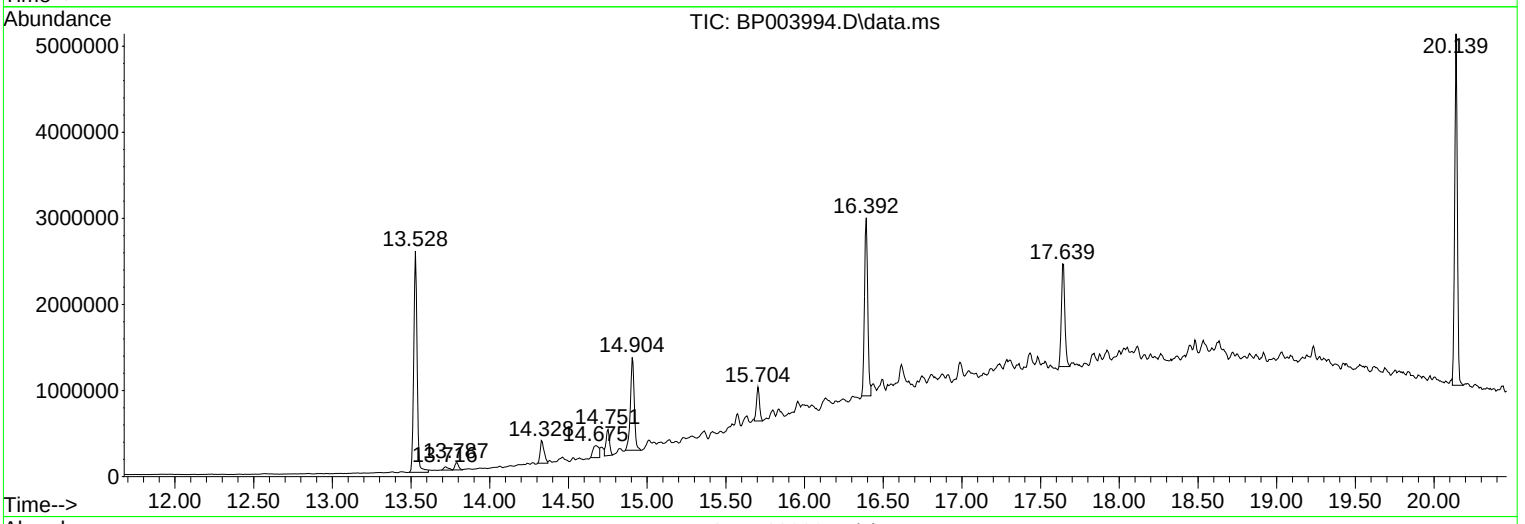
Acq On : 18 Nov 2020 15:26
Operator : CG/JU
Sample : L4776-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

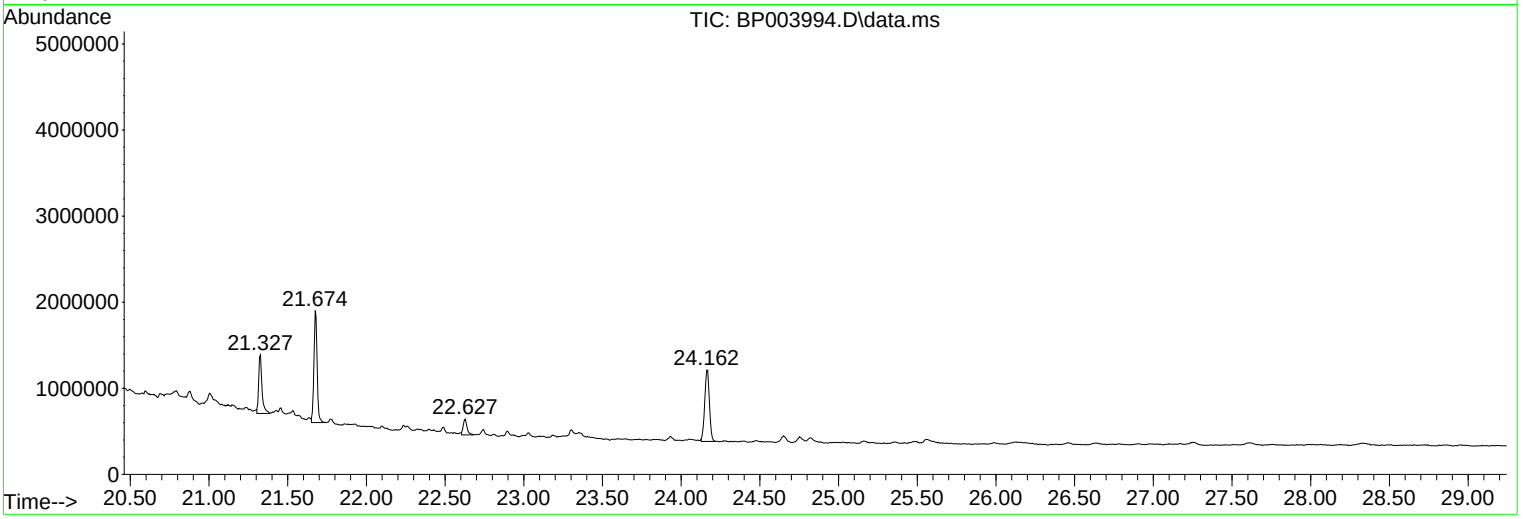
Instrument :
BNA_P
ClientSampleId :
ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP003994.D
Acq On : 18 Nov 2020 15:26
Operator : CG/JU
Sample : L4776-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

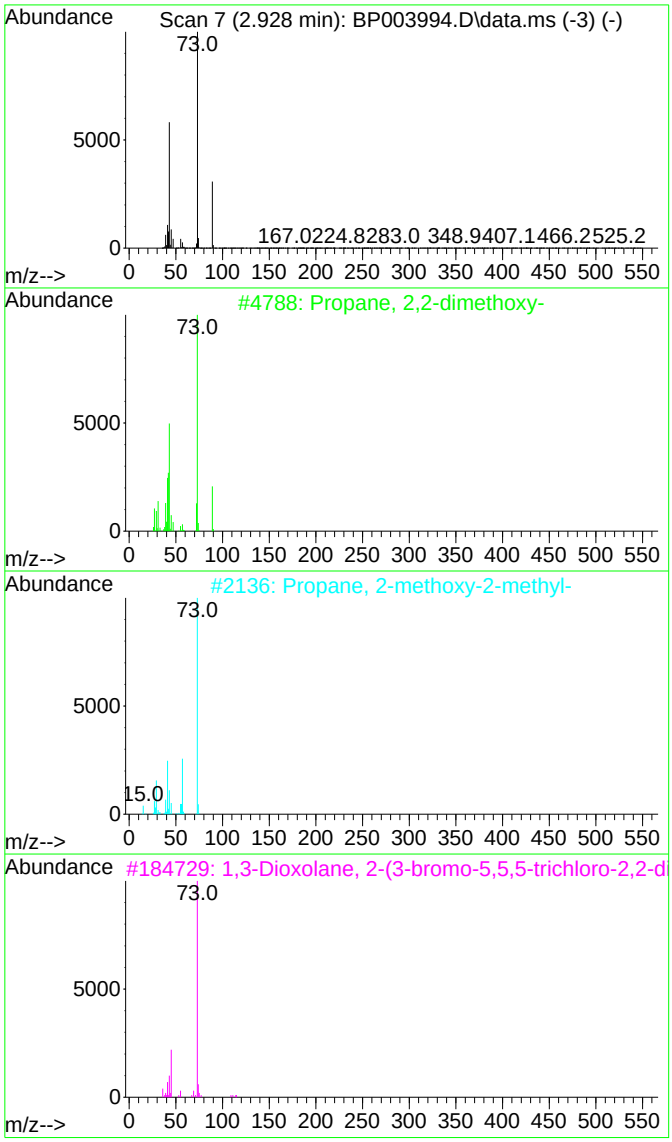
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

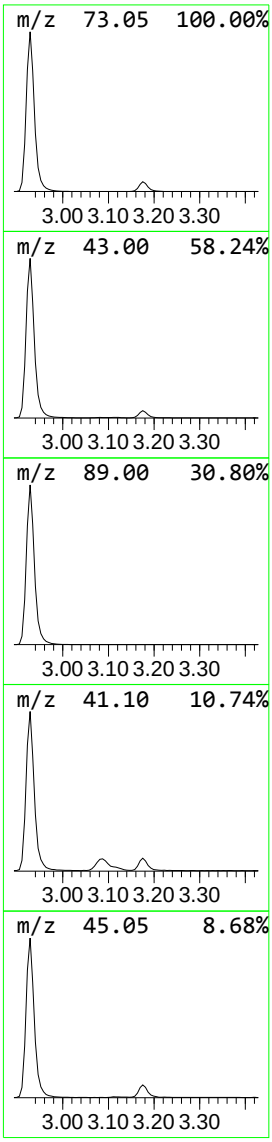
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.928	145.39 ng	6351530	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP003994.D
Acq On : 18 Nov 2020 15:26
Operator : CG/JU
Sample : L4776-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ND-SOIL

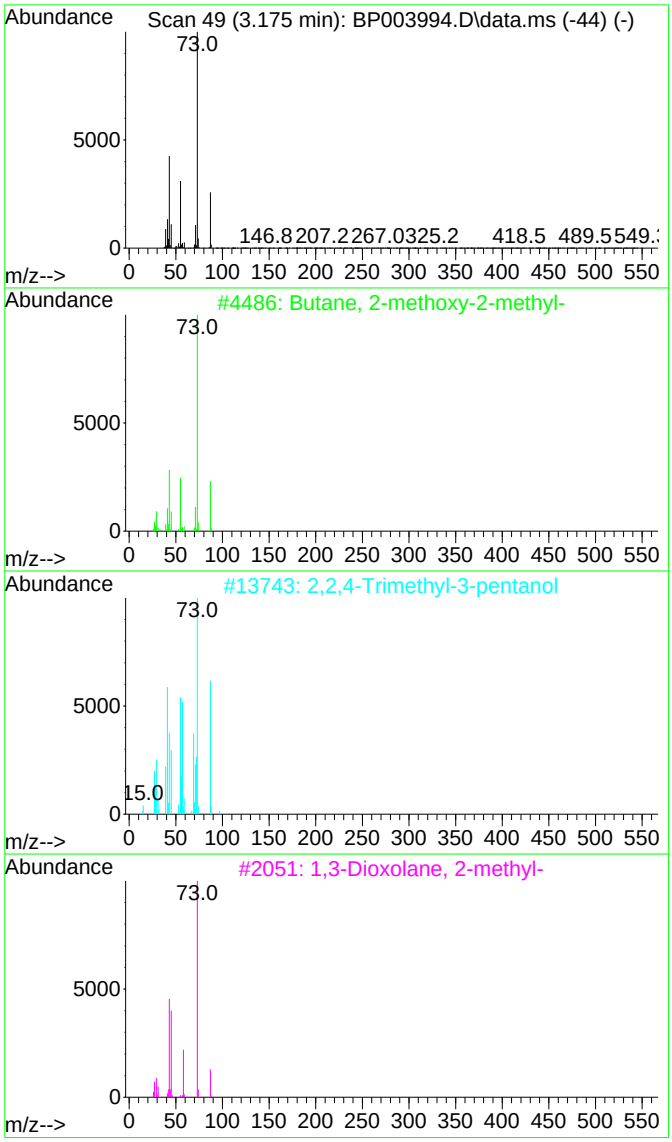
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

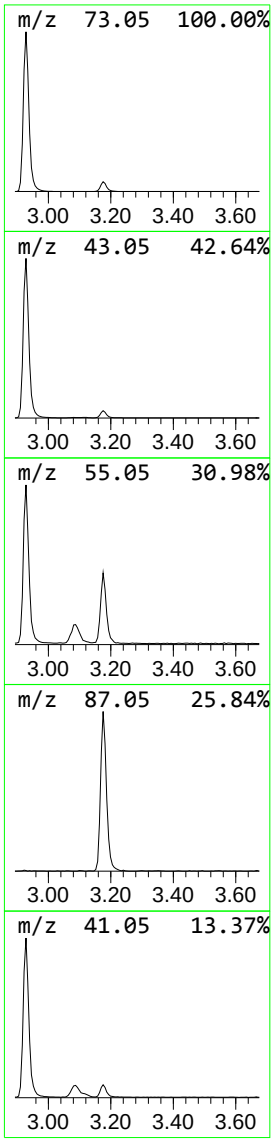
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.175	10.63 ng	464306	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP003994.D
Acq On : 18 Nov 2020 15:26
Operator : CG/JU
Sample : L4776-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ND-SOIL

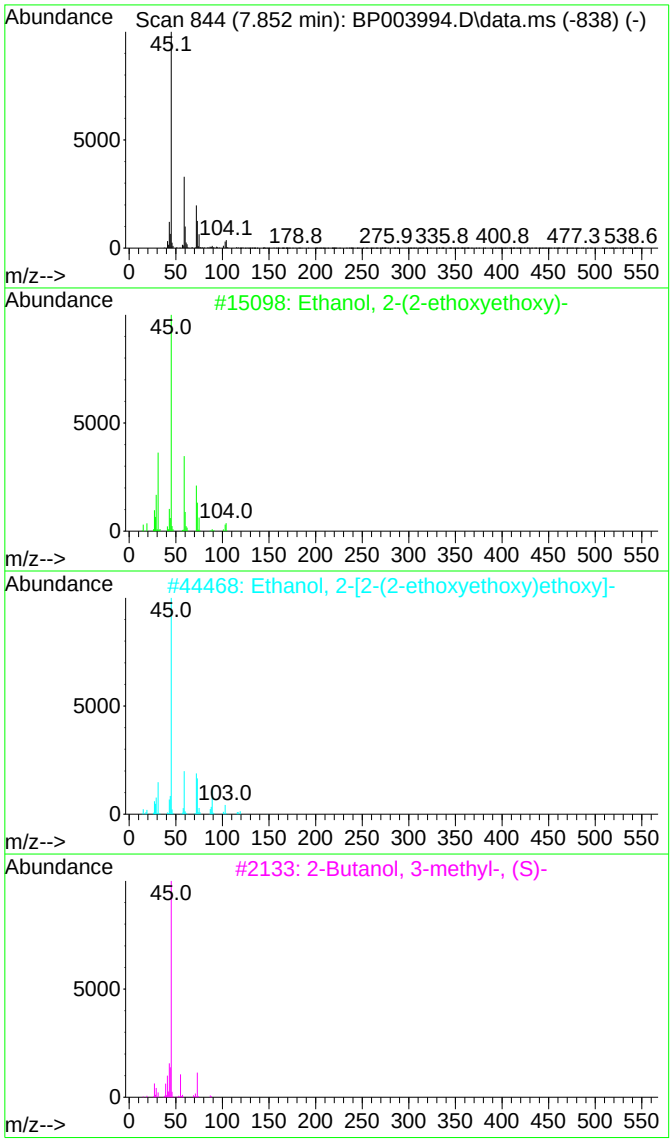
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

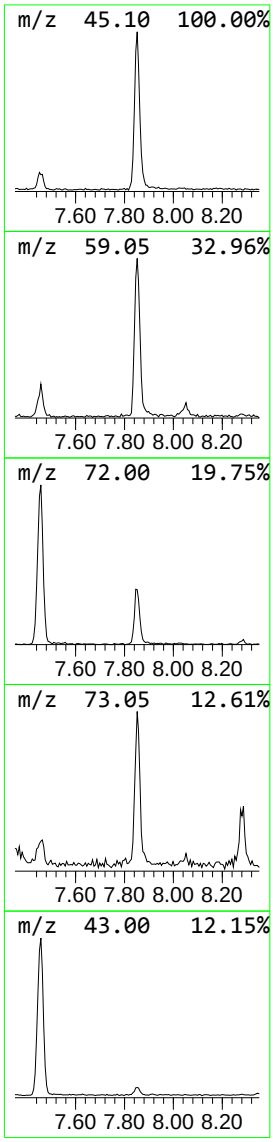
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.852	2.16 ng	94389	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
3	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	47
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	47
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP003994.D
Acq On : 18 Nov 2020 15:26
Operator : CG/JU
Sample : L4776-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

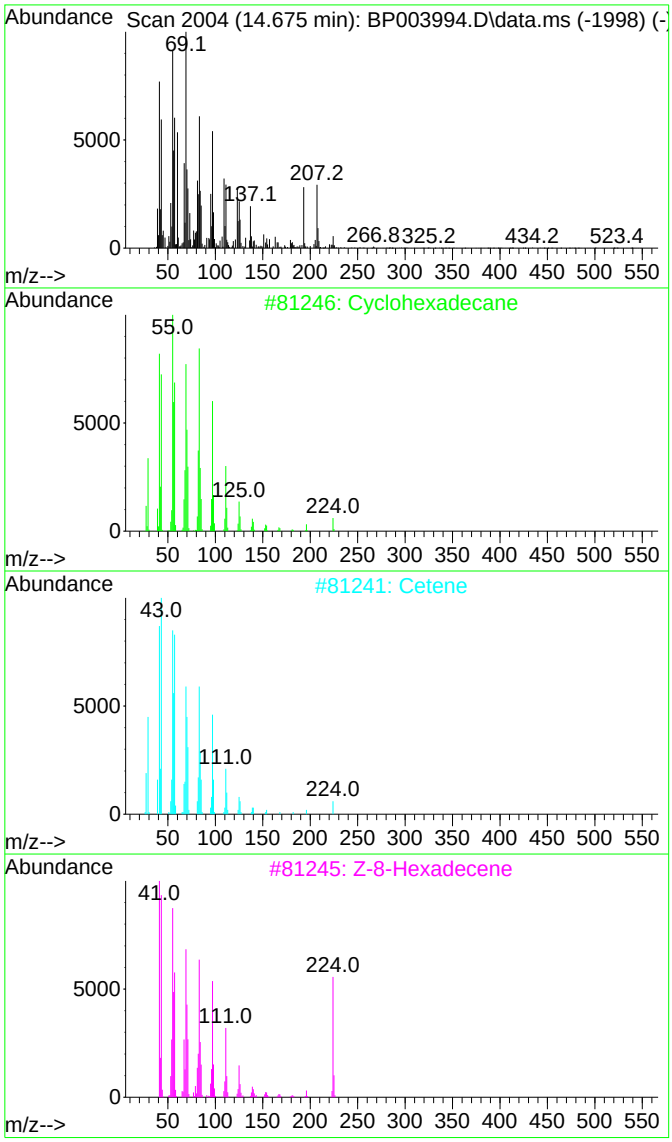
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

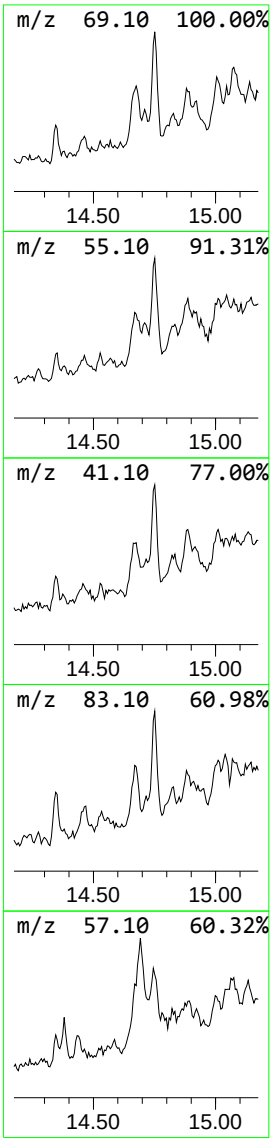
****

Peak Number 5 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.675	4.10 ng	377418	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	56
2	Cetene	224	C16H32	000629-73-2	53
3	Z-8-Hexadecene	224	C16H32	1000130-87-5	44
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	40
5	1-Nonadecene	266	C19H38	018435-45-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP003994.D
Acq On : 18 Nov 2020 15:26
Operator : CG/JU
Sample : L4776-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

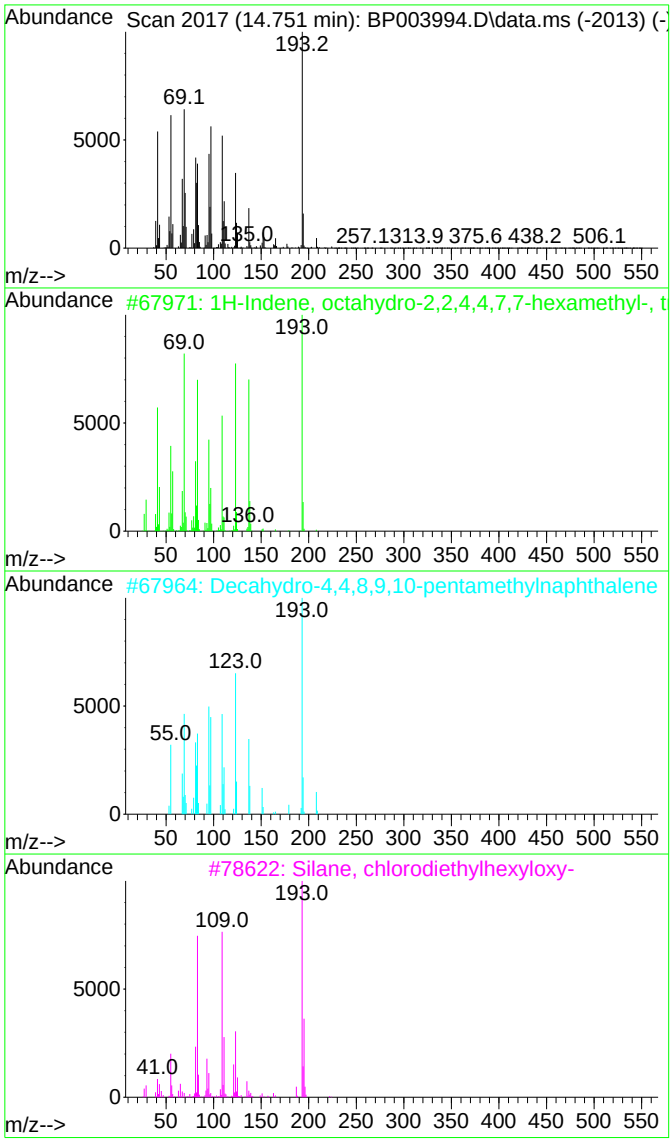
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

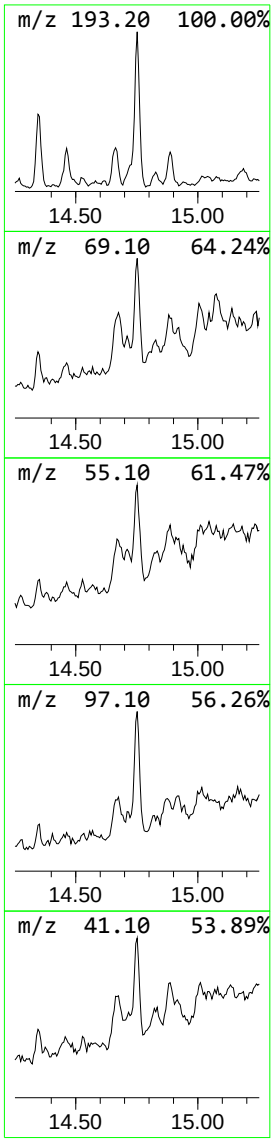
****

Peak Number 6 unknown14.7 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	4.96 ng	456920	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
3	Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	38
4	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	38
5	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP003994.D
Acq On : 18 Nov 2020 15:26
Operator : CG/JU
Sample : L4776-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ND-SOIL

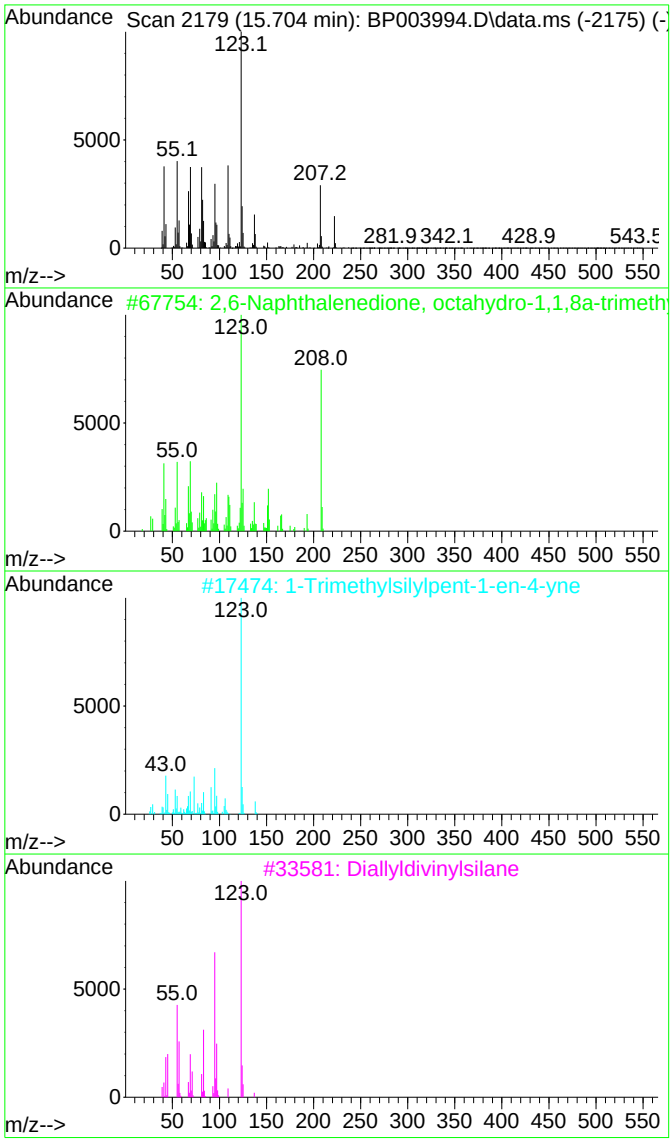
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

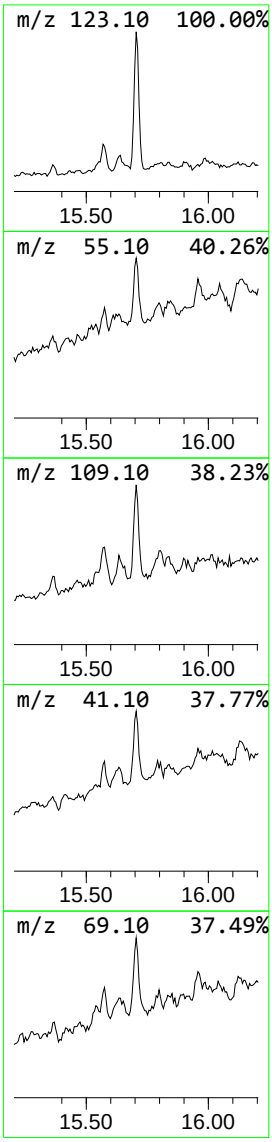
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,6-Naphthalenedione, octah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.704	5.71 ng	526103	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	50
2	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
3	Diallyldivinylsilane	164	C10H16Si	119901-88-1	43
4	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	40
5	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP003994.D
Acq On : 18 Nov 2020 15:26
Operator : CG/JU
Sample : L4776-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ND-SOIL

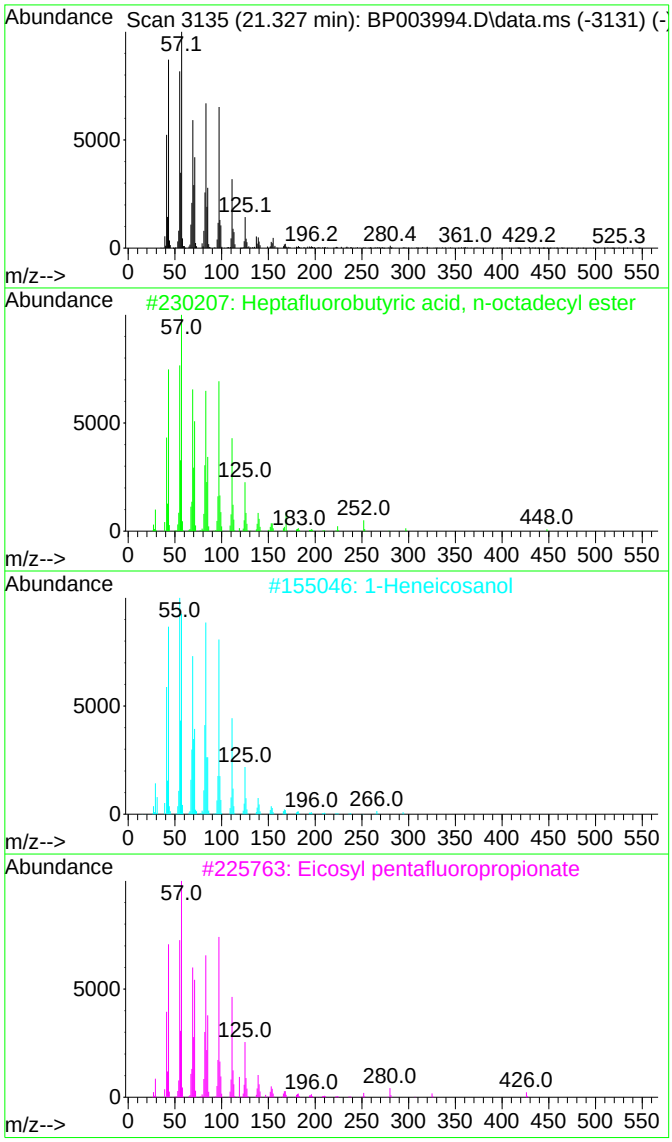
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

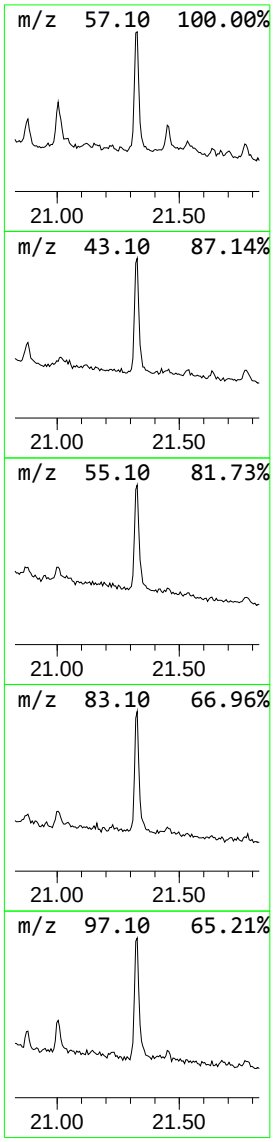
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.327	10.61 ng	973518	Chrysene-d12	21.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ND-SOIL

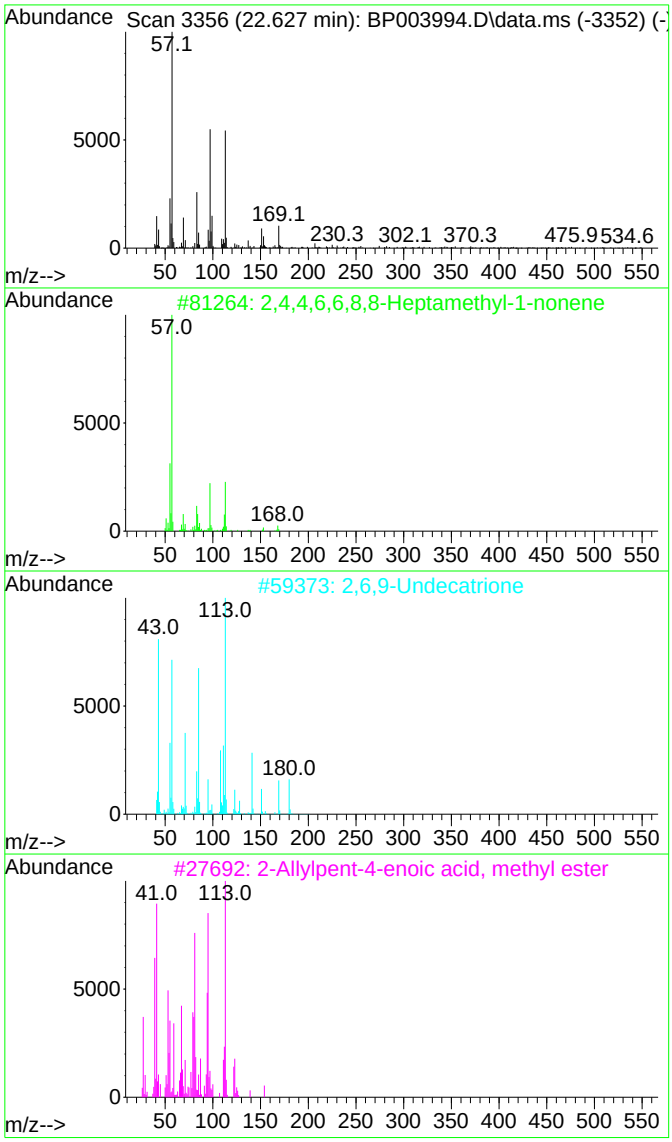
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

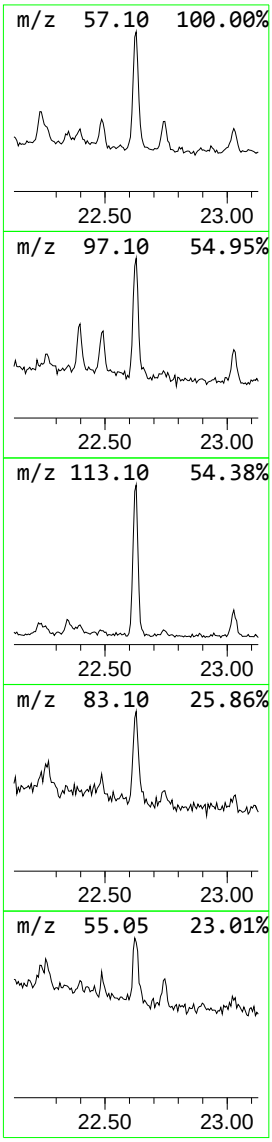
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.627	3.41 ng	312430	Chrysene-d12	21.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	53
2	2,6,9-Undecatrione	198	C11H18O3	078975-91-4	32
3	2-Allylpent-4-enoic acid, methyl...	154	C9H14O2	054385-33-0	25
4	Decanoic acid, pyrrolidide	225	C14H27NO	1000336-15-5	25
5	Cyclohexanol, 4-methyl-1-(1-meth...	156	C10H20O	000470-65-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
Data File : BP003994.D
Acq On : 18 Nov 2020 15:26
Operator : CG/JU
Sample : L4776-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ND-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-di...	2.928	145.4	ng	6351530	1	8.281	873708	20.0
Butane, 2-metho...	3.175	10.6	ng	464306	1	8.281	873708	20.0
Ethanol, 2-(2-e...	7.852	2.2	ng	94389	1	8.281	873708	20.0
Cyclohexadecane	14.675	4.1	ng	377418	3	14.904	1842930	20.0
unknown14.7	14.751	5.0	ng	456920	3	14.904	1842930	20.0
2,6-Naphthalene...	15.704	5.7	ng	526103	3	14.904	1842930	20.0
Heptafluorobuty...	21.327	10.6	ng	973518	5	21.674	1834700	20.0
2,4,4,6,6,8,8-H...	22.627	3.4	ng	312430	5	21.674	1834700	20.0