LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112011.D
Acq On : 11 Jan 2019 13:25
Operator : JU/SJ
Sample : K1118-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TESTPIT-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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	11	15	20	rVB	65112	90152	2.76%	0.280%
2	5.098	507	512	521	rVB	144109	177218	5.43%	0.550%
3	5.510	577	582	585	rBV	2915478	2710873	83.10%	8.409%
4	6.516	748	753	756	rBV	2736730	2932073	89.88%	9.095%
5	6.651	771	776	779	rBV	2998711	2966682	90.94%	9.203%
6	6.698	781	784	789	rVB	74438	71685	2.20%	0.222%
7	6.869	810	813	817	rBV	912905	761652	23.35%	2.363%
8	7.028	836	840	844	rBV	2481247	2251635	69.02%	6.985%
9	7.434	903	909	912	rBV	1883406	1904968	58.40%	5.909%
10	8.151	1027	1031	1035	rBV	1095666	982878	30.13%	3.049%
11	9.228	1209	1214	1217	rBV	3597143	3262210	100.00%	10.120%
12	9.345	1229	1234	1237	rBV2	38770	38409	1.18%	0.119%
13	9.616	1276	1280	1284	rBV	725318	619243	18.98%	1.921%
14	9.910	1326	1330	1333	rBV	1351838	1124958	34.48%	3.490%
15	10.698	1459	1464	1468	rBV	2236569	2234808	68.51%	6.932%
16	11.398	1579	1583	1585	rBV	1249315	1113825	34.14%	3.455%
17	11.416	1585	1586	1590	rVV	350351	275530	8.45%	0.855%
18	11.469	1593	1595	1598	rVB	85326	65566	2.01%	0.203%
19	11.622	1616	1621	1623	rBV2	29789	37620	1.15%	0.117%
20	11.898	1664	1668	1669	rBV2	49872	46826	1.44%	0.145%
21	11.922	1669	1672	1675	rVB2	203396	187117	5.74%	0.580%
22	12.010	1683	1687	1689	rBV2	70538	73620	2.26%	0.228%
23	12.451	1757	1762	1765	rBV3	35976	47615	1.46%	0.148%
24	12.480	1765	1767	1773	rVB5	29973	39810	1.22%	0.123%
25	12.610	1786	1789	1793	rBV	544109	445361	13.65%	1.382%
26	12.839	1822	1828	1833	rBV	436049	455583	13.97%	1.413%
27	12.980	1845	1852	1855	rBV	2949930	2738783	83.95%	8.496%
28	13.057	1860	1865	1869	rBV2	31968	61427	1.88%	0.191%
29	13.169	1881	1884	1887	rVB	49267	50426	1.55%	0.156%
30	13.269	1898	1901	1904	rBV	41258	40595	1.24%	0.126%
31	13.674	1967	1970	1976	rVB	44061	55201	1.69%	0.171%
32	13.786	1985	1989	1991	rBV2	49591	62130	1.90%	0.193%
33	13.868	2000	2003	2011	rVB3	177067	255361	7.83%	0.792%
34	14.039	2024	2032	2034	rBV2	1011494	1173878	35.98%	3.641%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
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Acq On : 11 Jan 2019 13:25
Operator : JU/SJ
Sample : K1118-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TESTPIT-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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.063	2034	2036	2041	rVB	227982	205250	6.29%	0.637%
36	14.192	2056	2058	2061	rBV	39971	39671	1.22%	0.123%
37	14.257	2066	2069	2073	rBV4	28609	41362	1.27%	0.128%
38	14.498	2108	2110	2115	rVB3	82560	95774	2.94%	0.297%
39	14.810	2160	2163	2166	rVB	87598	79864	2.45%	0.248%
40	14.886	2173	2176	2180	rBV	114598	110451	3.39%	0.343%
41	15.086	2205	2210	2217	rBV	195111	393902	12.07%	1.222%
42	15.151	2218	2221	2225	rVB2	90917	103943	3.19%	0.322%
43	15.386	2258	2261	2267	rVB	102649	144448	4.43%	0.448%
44	15.451	2268	2272	2277	rVV	156758	213410	6.54%	0.662%
45	15.515	2278	2283	2295	rVB	691981	1037781	31.81%	3.219%
46	15.974	2358	2361	2364	rVB	66811	73229	2.24%	0.227%
47	16.227	2402	2404	2412	rVB7	63899	89431	2.74%	0.277%
48	16.998	2531	2535	2545	rVB2	84953	150768	4.62%	0.468%
49	17.439	2607	2610	2618	rVB	54220	101698	3.12%	0.315%

Sum of corrected areas: 32236700

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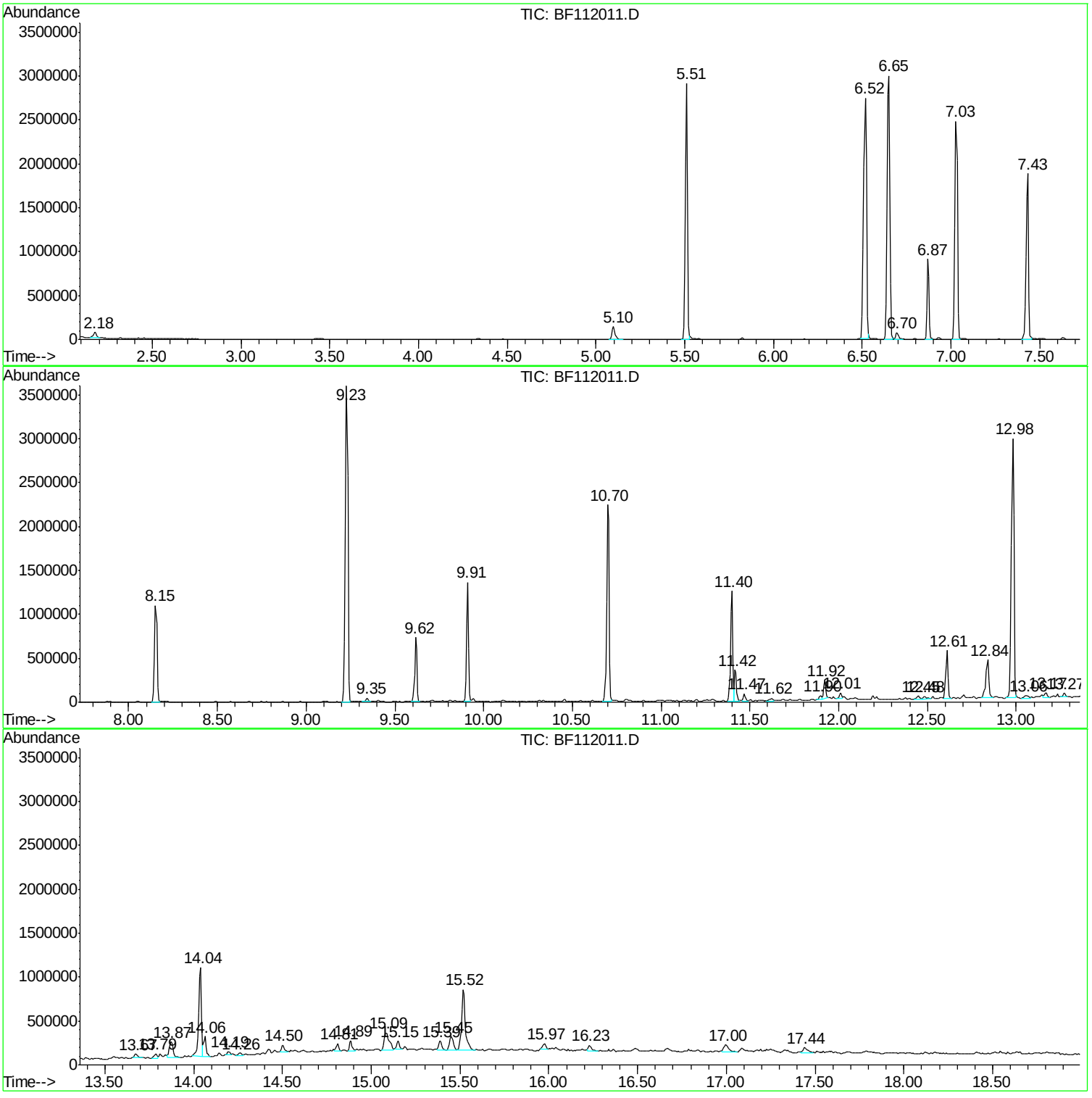
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TESTPIT-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Data File : BF112011.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TESTPIT-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

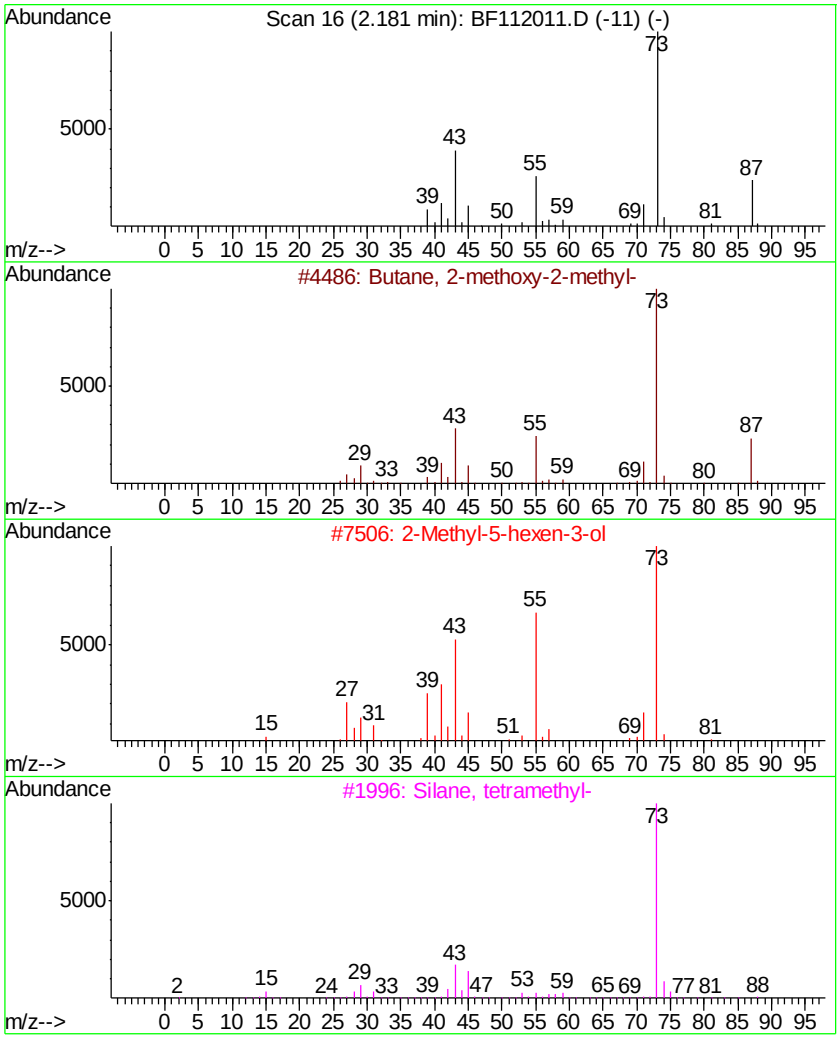
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

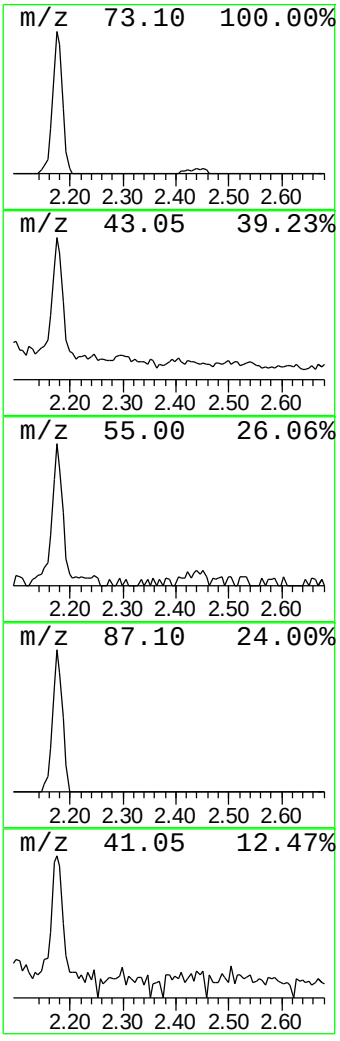
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	2.37 ng	90152	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9





Library Search Compound Report

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Data File : BF112011.D
Acq On : 11 Jan 2019 13:25
Operator : JU/SJ
Sample : K1118-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TESTPIT-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

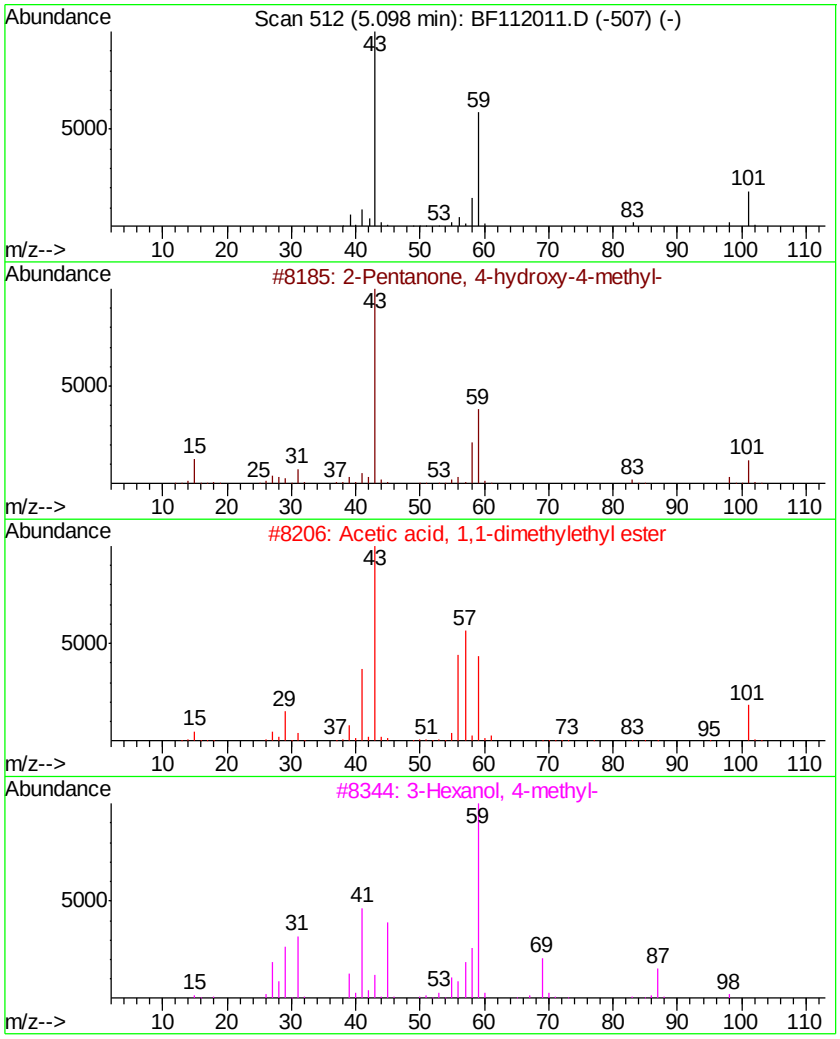
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

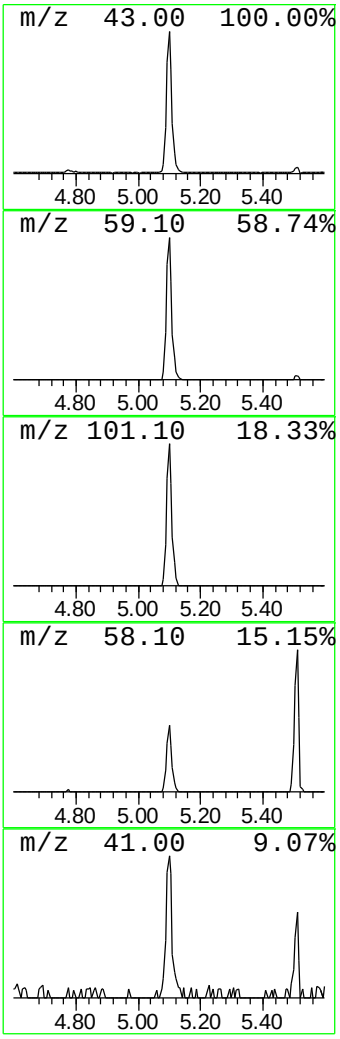
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	4.65 ng	177218	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	23





Library Search Compound Report

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Data File : BF112011.D
Acq On : 11 Jan 2019 13:25
Operator : JU/SJ
Sample : K1118-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TESTPIT-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

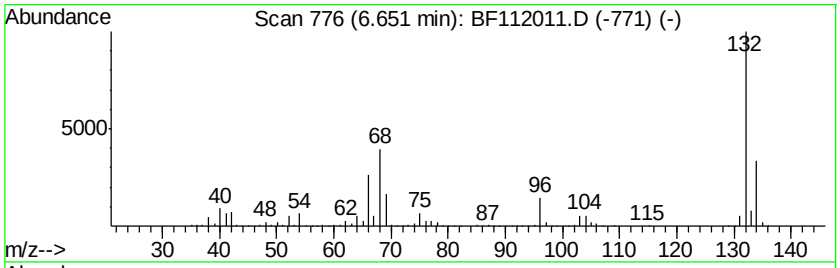
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

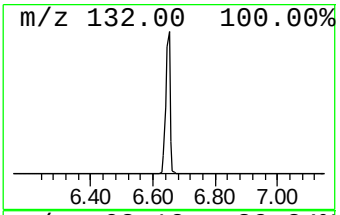
****

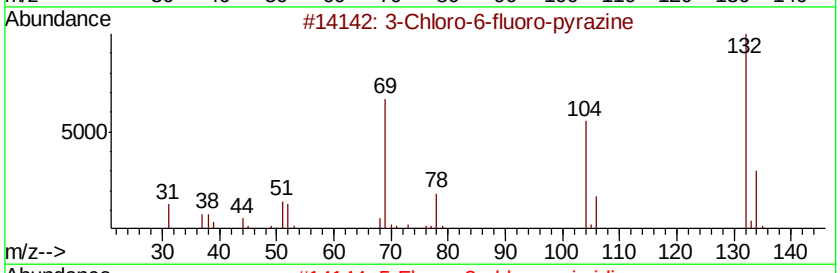
Peak Number 3 unknown6.65 Concentration Rank 1

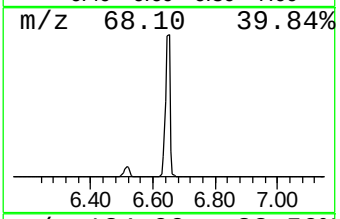
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	77.90 ng	2966680	1,4-Dichlorobenzene-d4	6.87

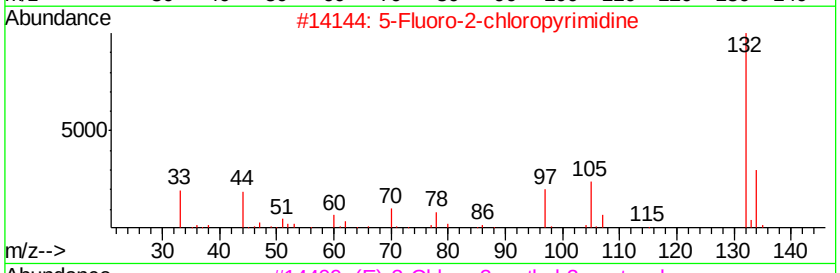
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9

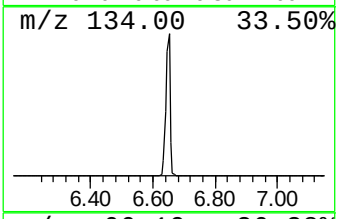


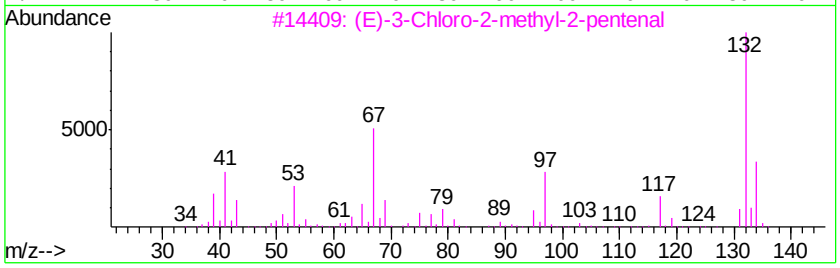


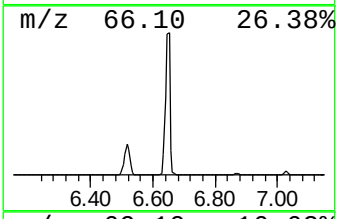


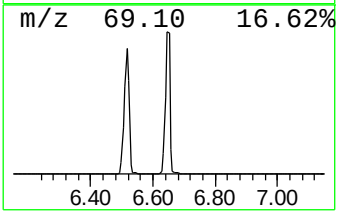












Library Search Compound Report

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Sample : K1118-05
Misc :
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Instrument : BNA_F
ClientSampleId : TESTPIT-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

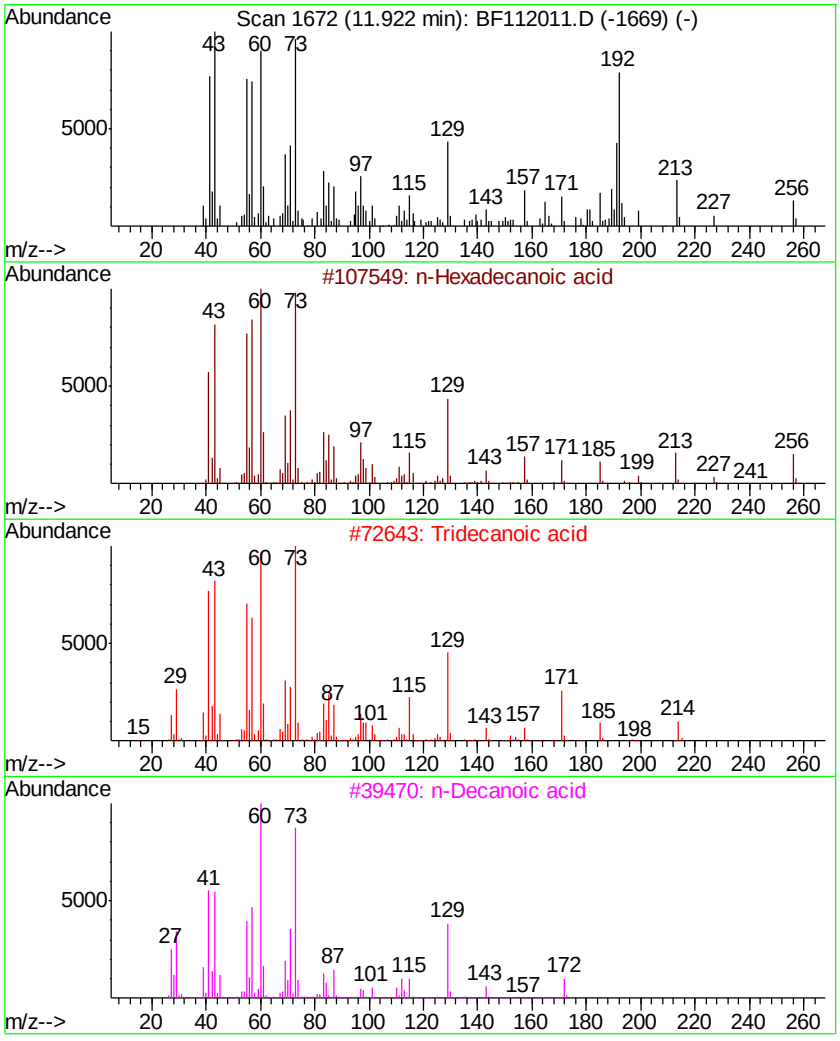
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

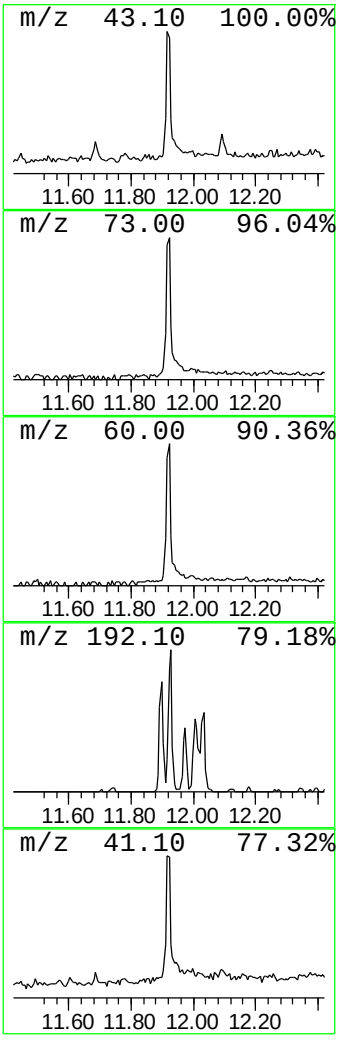
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.36 ng	187117	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	50
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	45
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	38





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Instrument : BNA_F
ClientSampleId : TESTPIT-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

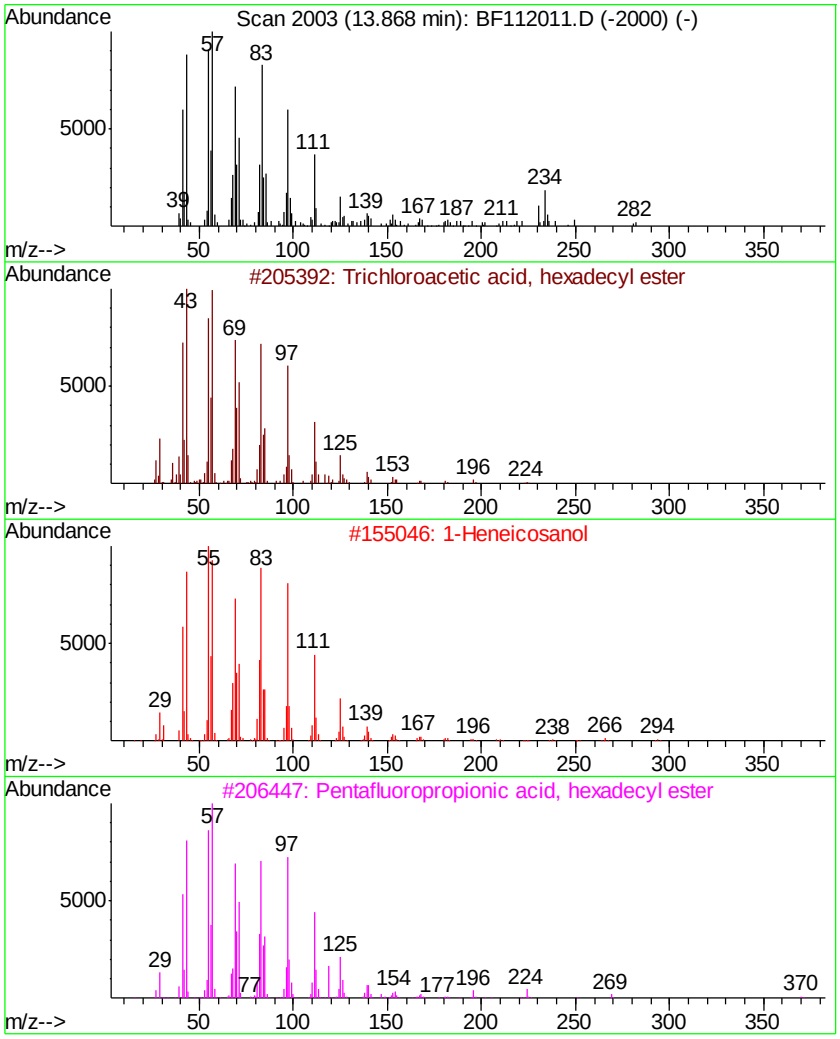
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

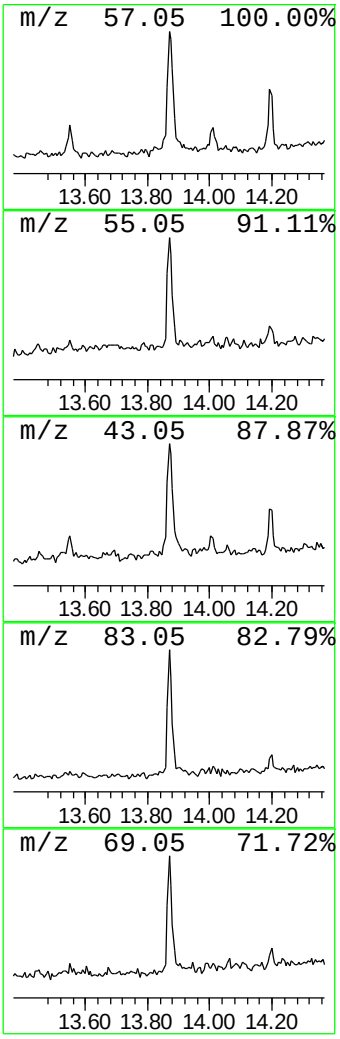
****

Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.35 ng	255361	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TESTPIT-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

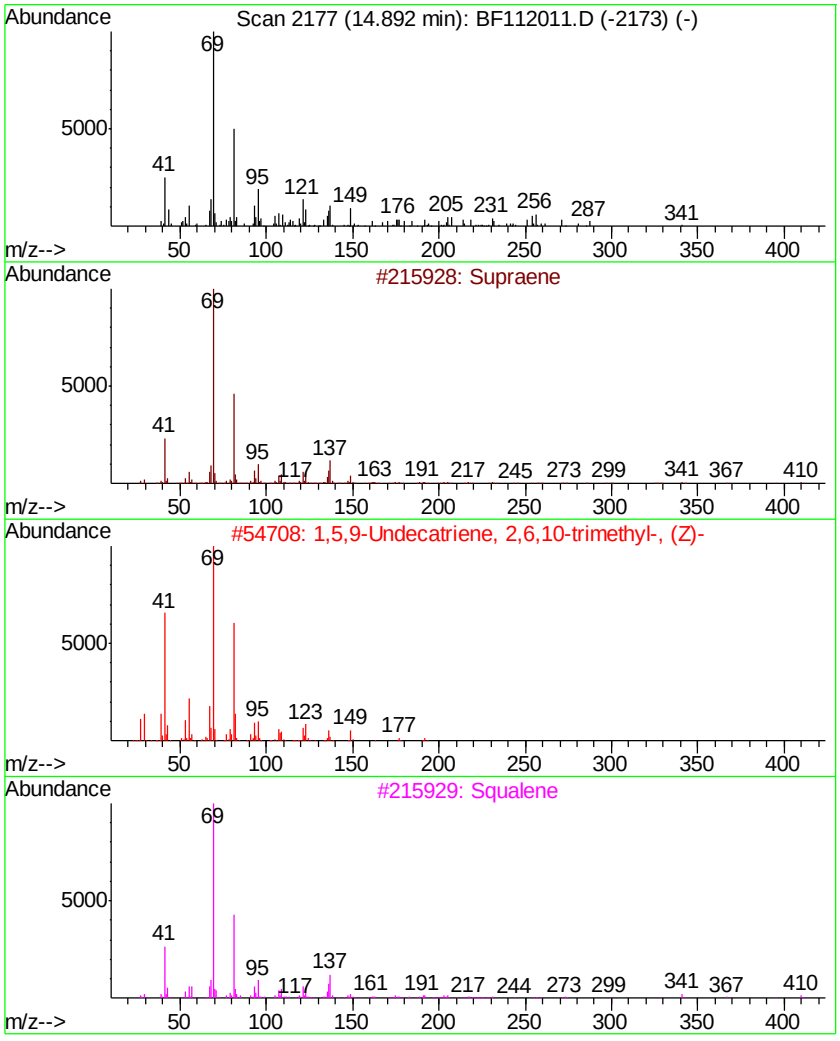
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

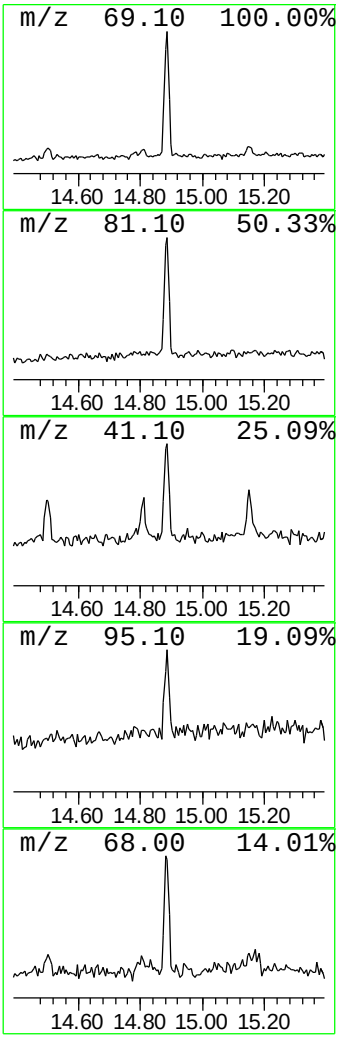
****

Peak Number 7 Supraene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.13 ng	110451	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	83
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
3	Squalene	410	C30H50	000111-02-4	80
4	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53
5	Succinic acid, di(3-methylbut-3-...	254	C14H22O4	1000353-45-6	53





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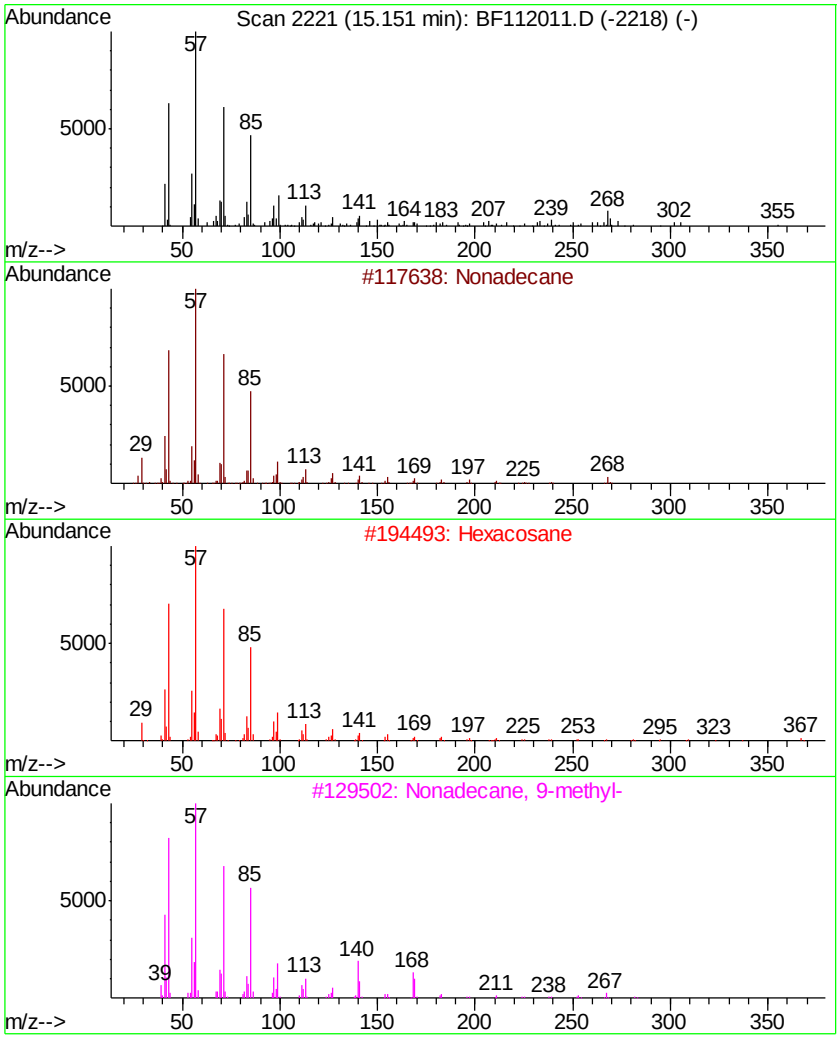
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

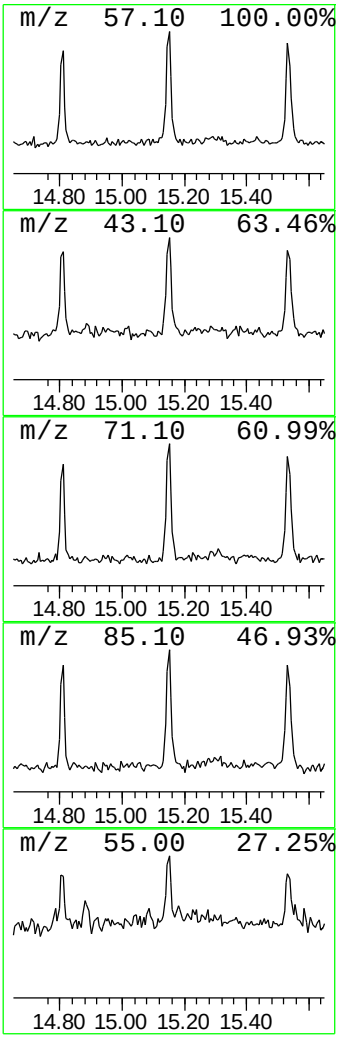
****

Peak Number 8 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.00 ng	103943	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octacosane	394	C28H58	000630-02-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011119\
Data File : BF112011.D
Acq On : 11 Jan 2019 13:25
Operator : JU/SJ
Sample : K1118-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TESTPIT-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
Butane, 2-methoxy...	2.18	2.4	ng	90152	1	6.87	761652	20.0
2-Pentanone, 4-hy...	5.10	4.7	ng	177218	1	6.87	761652	20.0
unknown6.65	6.65	77.9	ng	2966680	1	6.87	761652	20.0
n-Hexadecanoic acid	11.92	3.4	ng	187117	4	11.40	1113830	20.0
Trichloroacetic a...	13.87	4.3	ng	255361	5	14.04	1173880	20.0
Supraene	14.89	2.1	ng	110451	6	15.52	1037780	20.0
Nonadecane	15.15	2.0	ng	103943	6	15.52	1037780	20.0