LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109480.D
Acq On : 1 Oct 2018 18:39
Operator : JU/SJ
Sample : J5170-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-2

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-BF092218.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	4.910	476	480	492	rBV	59390	91140	3.10%	0.386%
2	5.328	547	551	575	rBV	1965955	2418887	82.22%	10.252%
3	6.357	721	726	742	rBV	2228226	2594183	88.18%	10.994%
4	6.481	742	747	758	rVV	2588521	2529200	85.97%	10.719%
5	6.704	782	785	795	rBV	703580	619881	21.07%	2.627%
6	6.863	808	812	833	rBV	2314596	2019439	68.64%	8.559%
7	7.269	876	881	894	rBV	1680219	1603938	54.52%	6.798%
8	7.986	999	1003	1018	rBV	912219	786095	26.72%	3.332%
9	9.063	1181	1186	1189	rBV	3359713	2941931	100.00%	12.468%
10	9.457	1249	1253	1265	rVB	355914	316405	10.76%	1.341%
11	9.733	1296	1300	1305	rBV	905378	832302	28.29%	3.527%
12	10.522	1430	1434	1449	rBV	1719463	1633111	55.51%	6.921%
13	11.216	1548	1552	1555	rBV	878170	769924	26.17%	3.263%
14	11.751	1640	1643	1652	rBV2	123496	131970	4.49%	0.559%
15	12.798	1816	1821	1824	rBV	2707596	2505379	85.16%	10.618%
16	13.704	1971	1975	1984	rBV2	103807	159846	5.43%	0.677%
17	13.839	1994	1998	2002	rBV	683647	671951	22.84%	2.848%
18	14.615	2128	2130	2134	rVB	53502	46408	1.58%	0.197%
19	14.686	2139	2142	2146	rBV	59825	60750	2.06%	0.257%
20	14.933	2180	2184	2187	rVB	65228	64241	2.18%	0.272%
21	15.245	2232	2237	2241	rBV	450460	501831	17.06%	2.127%
22	15.280	2241	2243	2248	rVB	67593	79830	2.71%	0.338%
23	15.686	2308	2312	2317	rVB	72436	106039	3.60%	0.449%
24	16.151	2387	2391	2401	rVB3	54682	110729	3.76%	0.469%

Sum of corrected areas: 23595410

LSC Report - Integrated Chromatogram

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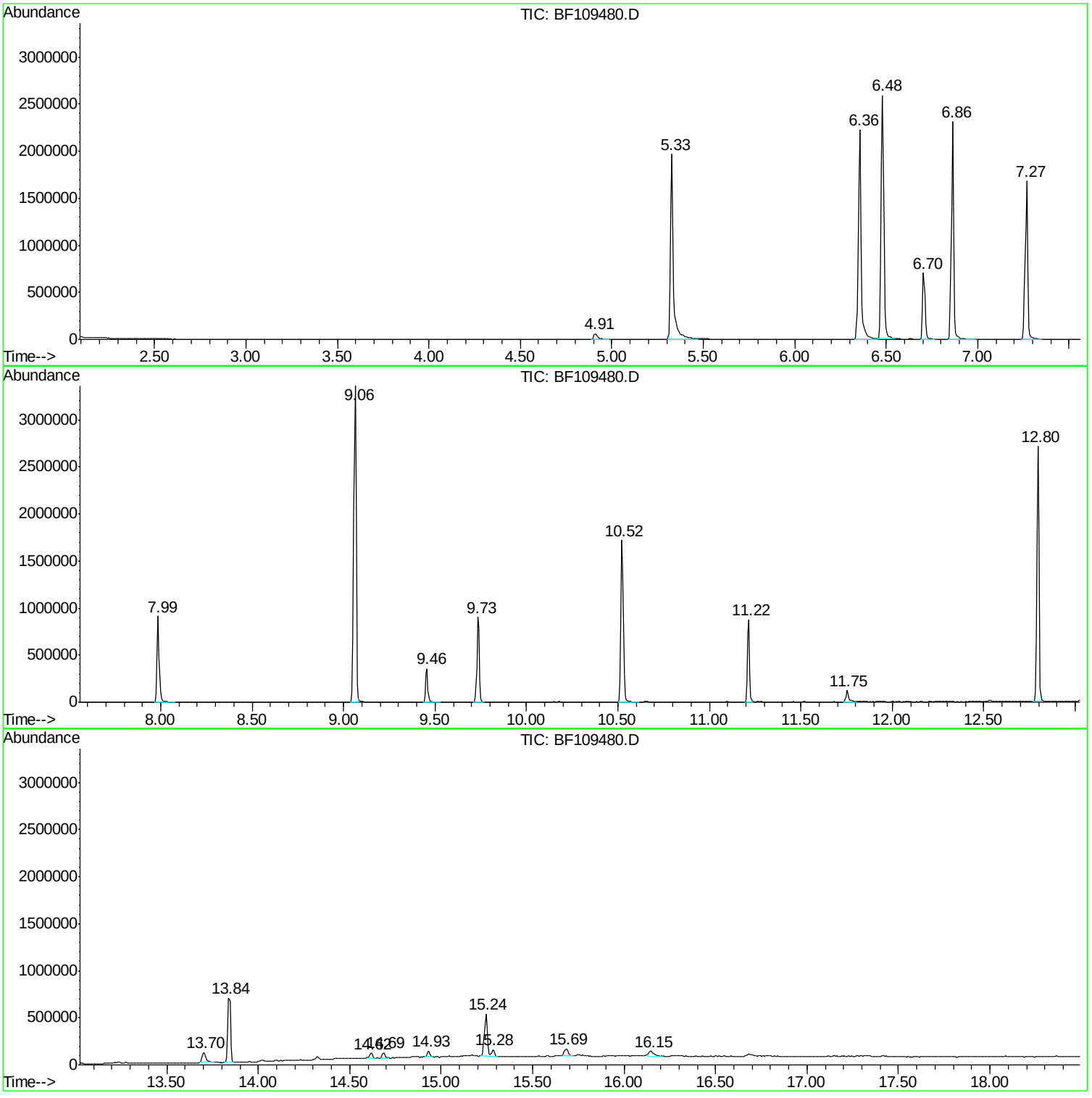
Operator : JU/SJ
Sample : J5170-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109480.D
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Instrument : BNA_F
ClientSampleId : HC-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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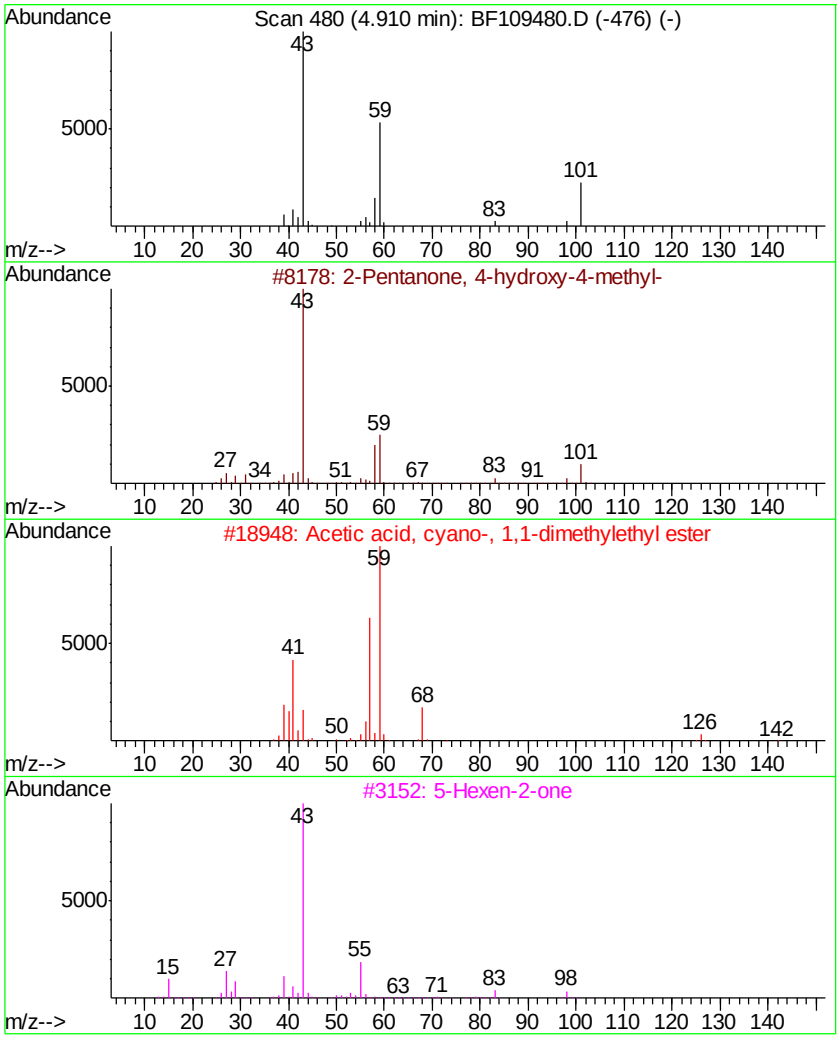
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

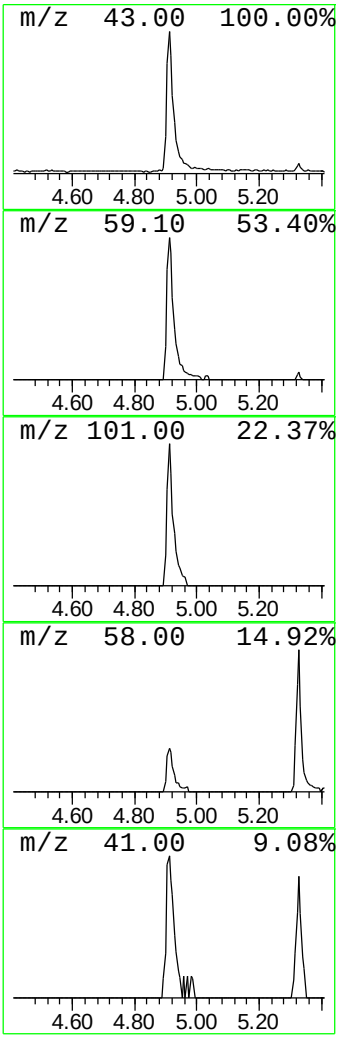
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.94 ng	91140	1,4-Dichlorobenzene-d4	6.70

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	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J5170-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

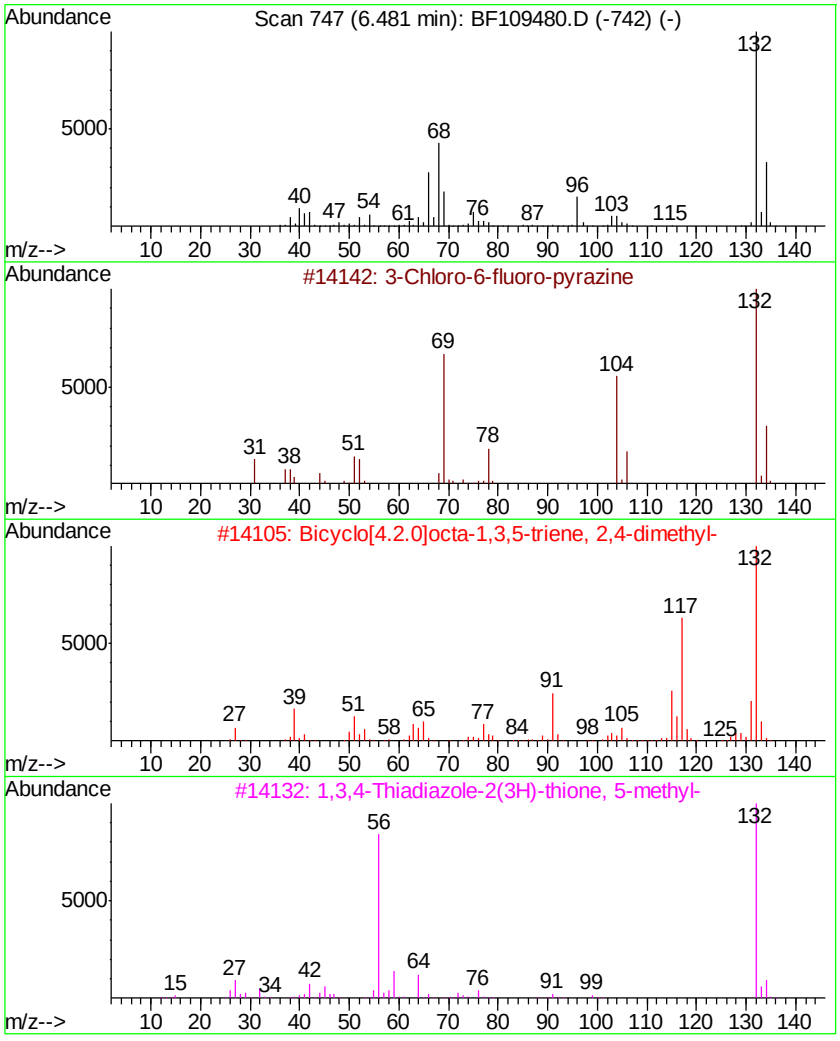
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

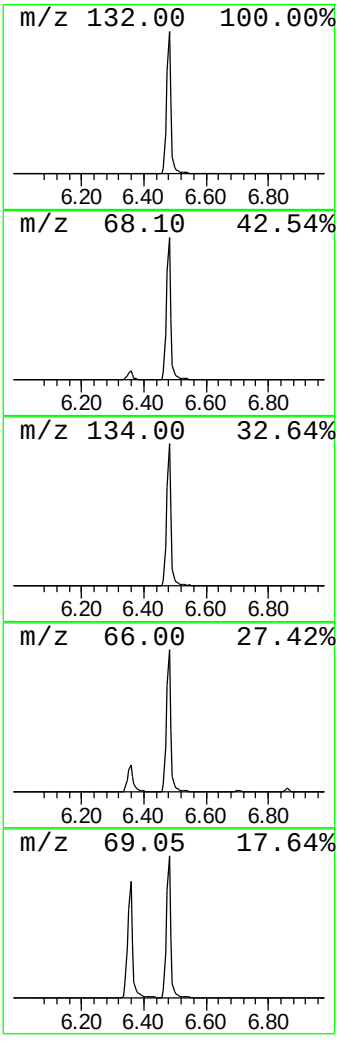
****

Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	81.60 ng	2529200	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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Data File : BF109480.D
Acq On : 1 Oct 2018 18:39
Operator : JU/SJ
Sample : J5170-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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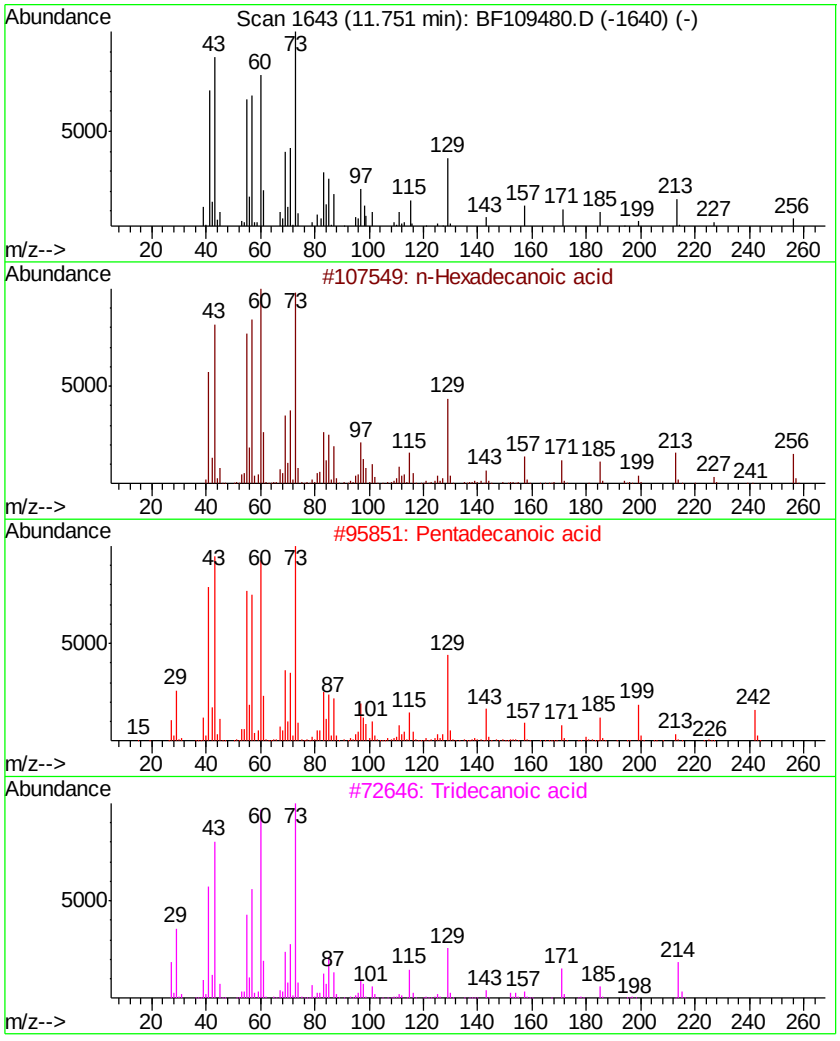
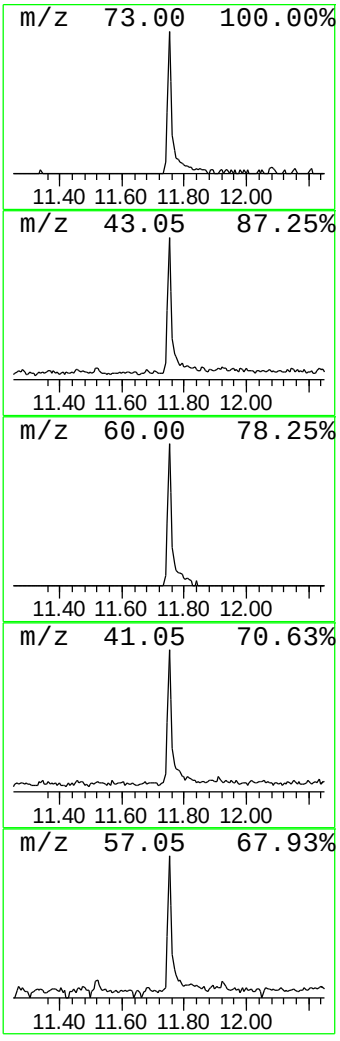
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.43 ng	131970	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	20





Library Search Compound Report

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Acq On : 1 Oct 2018 18:39
Operator : JU/SJ
Sample : J5170-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

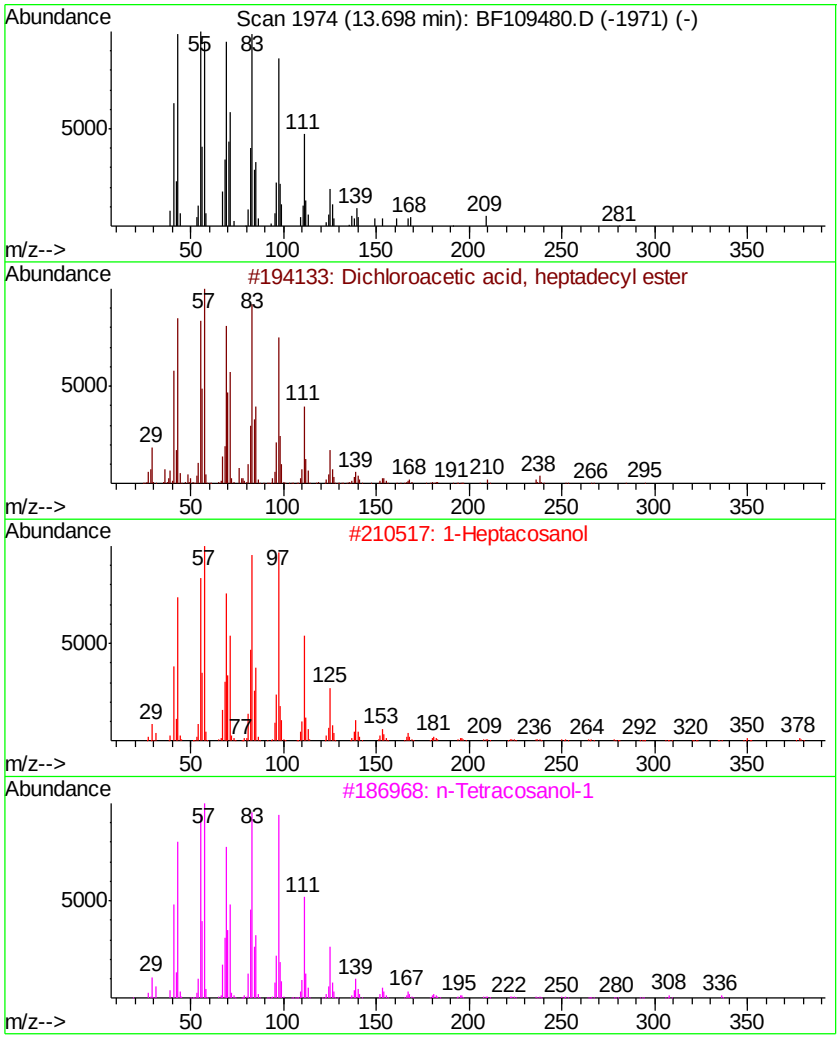
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

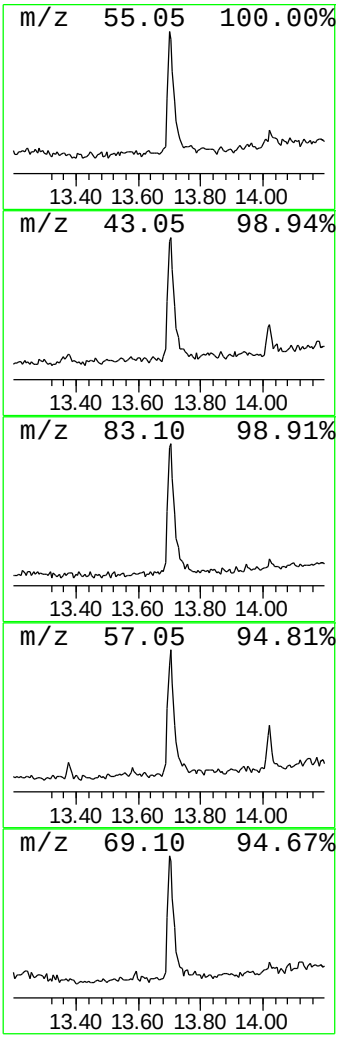
****

Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.76 ng	159846	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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Operator : JU/SJ
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Misc :
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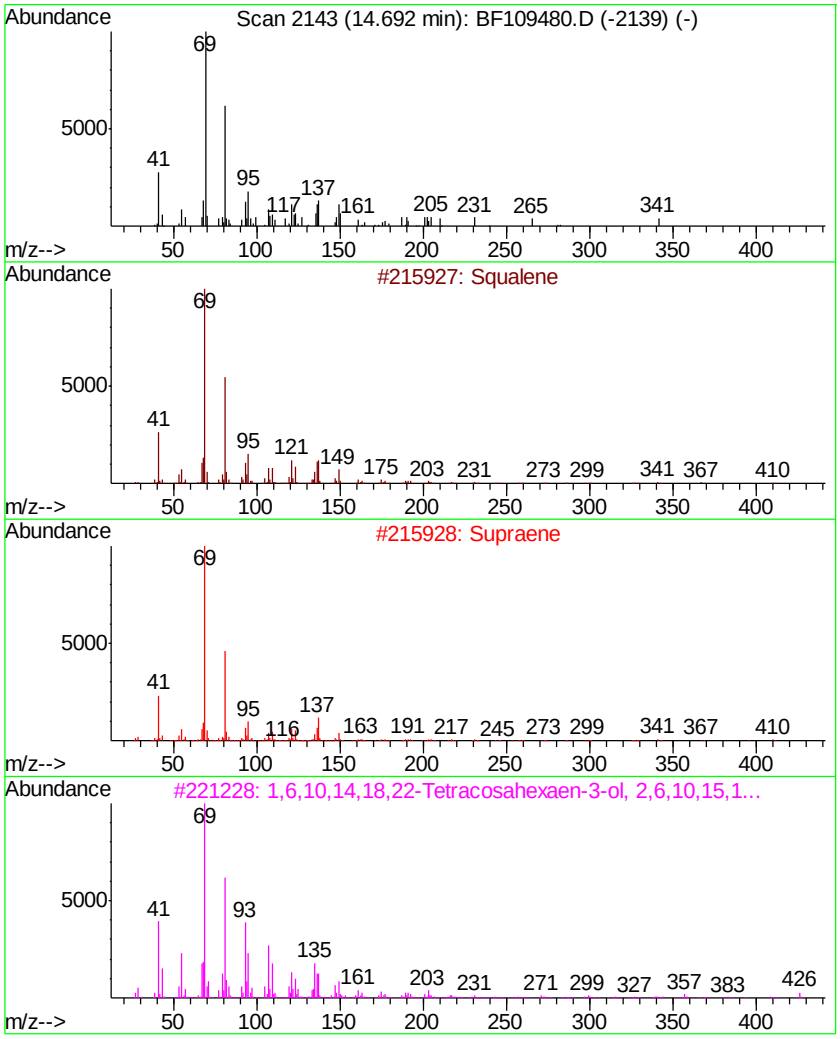
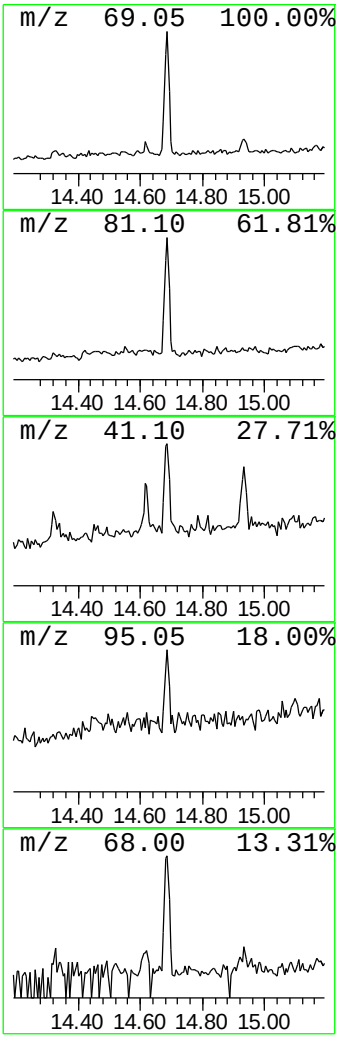
****

Peak Number 6 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.42 ng	60750	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	90
3	1,6,10,14,18,22-Tetracosahexaen-...	426	C30H50O	054159-46-5	83
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	72
5	Propanoic acid, 2,2-dimethyl-, [...	306	C20H34O2	1000164-38-8	72





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TIC Library : C:\DATABASE\NIST11.L
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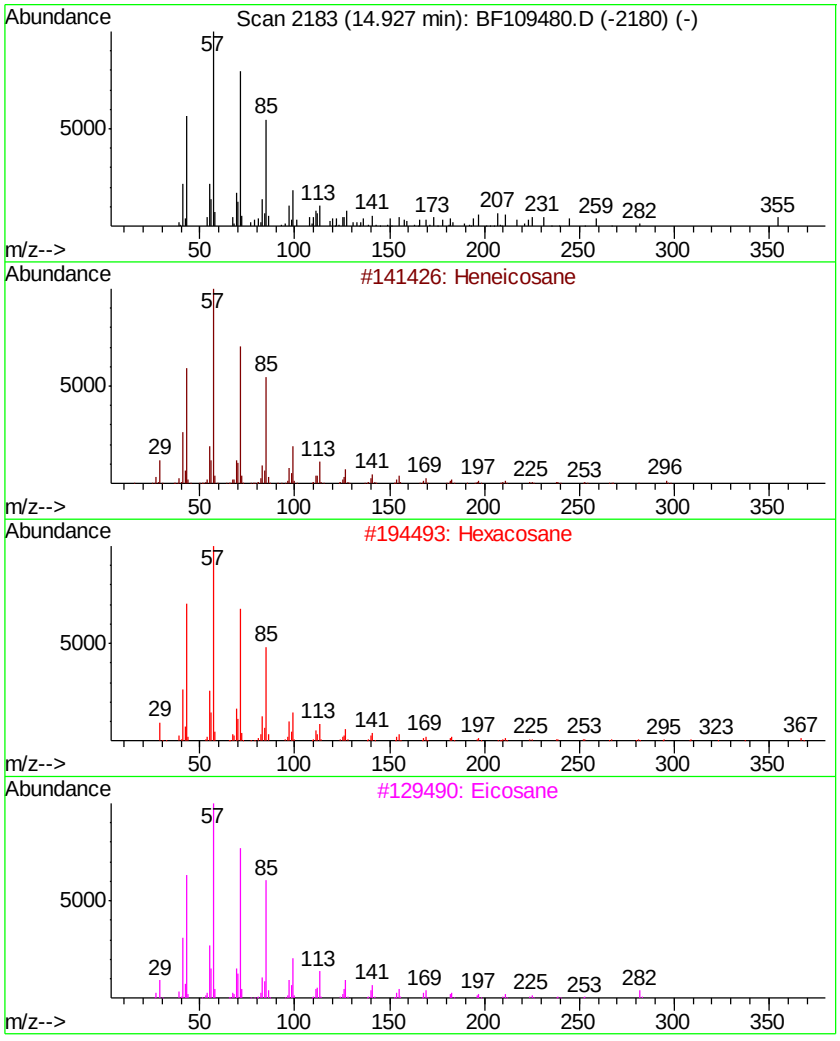
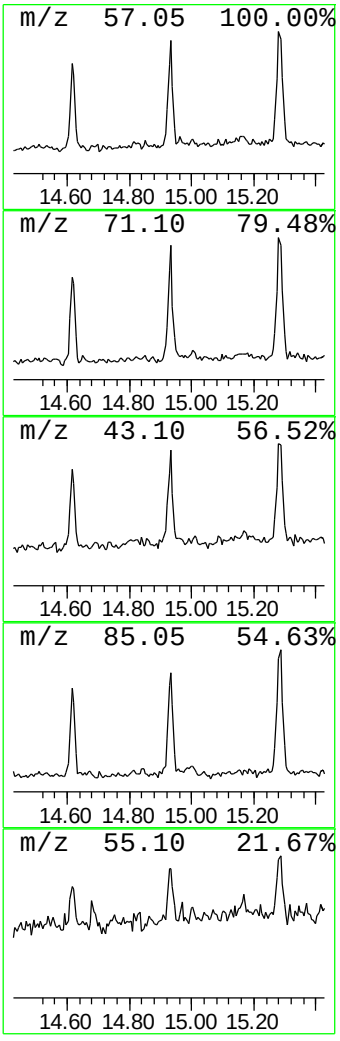
****

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.56 ng	64241	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Hexadecane	226	C16H34	000544-76-3	87





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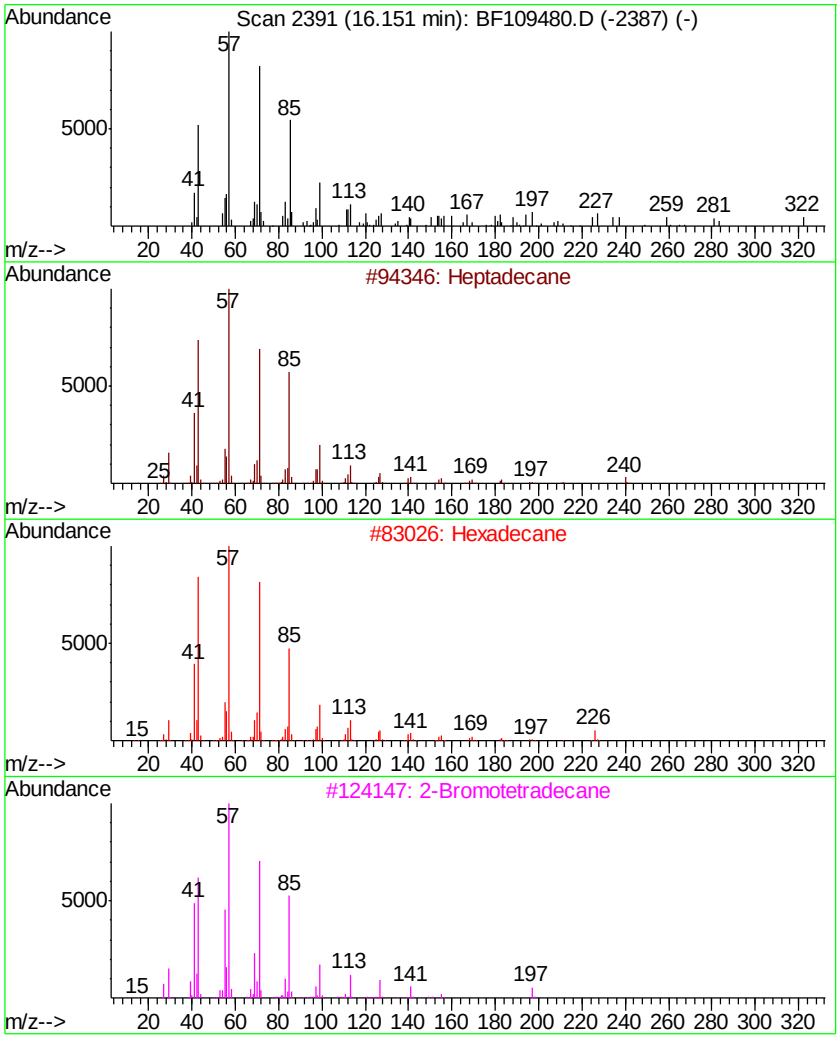
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

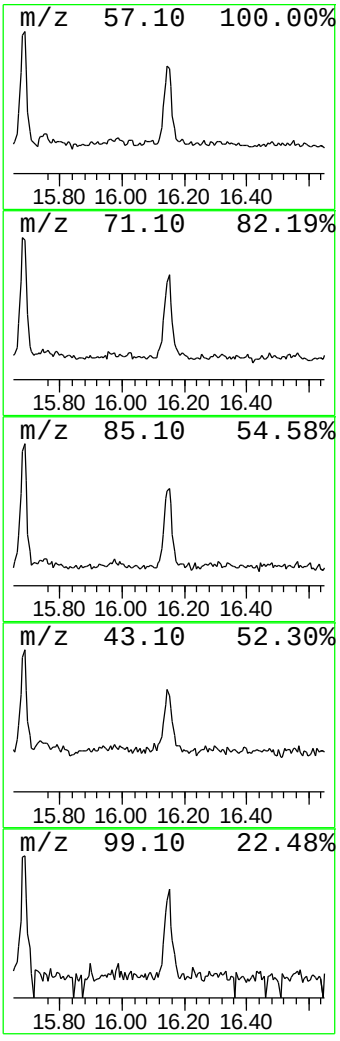
****

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	4.41 ng	110729	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	74
2	Hexadecane	226	C16H34	000544-76-3	74
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	2.9	ng	91140	1	6.70	619881	20.0
unknown6.48	6.48	81.6	ng	2529200	1	6.70	619881	20.0
n-Hexadecanoic acid	11.75	3.4	ng	131970	4	11.22	769924	20.0
Dichloroacetic ac...	13.70	4.8	ng	159846	5	13.84	671951	20.0
Squalene	14.69	2.4	ng	60750	6	15.24	501831	20.0
Heneicosane	14.93	2.6	ng	64241	6	15.24	501831	20.0
Heptadecane	16.15	4.4	ng	110729	6	15.24	501831	20.0