LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
Data File : BF109484.D
Acq On : 1 Oct 2018 20:24
Operator : JU/SJ
Sample : J5170-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-4

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	488	rBV	66700	98449	3.42%	0.427%
2	5.328	547	551	582	rBV	1909826	2358180	81.93%	10.217%
3	6.357	721	726	742	rBV	2139211	2519635	87.54%	10.916%
4	6.481	742	747	771	rVB	2400312	2515142	87.38%	10.897%
5	6.704	782	785	795	rBV	765895	680348	23.64%	2.948%
6	6.863	808	812	833	rVB	2154344	1968464	68.39%	8.528%
7	7.269	876	881	895	rBV	1616903	1576336	54.77%	6.829%
8	7.986	999	1003	1017	rBV	964533	863471	30.00%	3.741%
9	9.063	1181	1186	1189	rBV	3266401	2878354	100.00%	12.470%
10	9.457	1249	1253	1260	rBV	313234	282185	9.80%	1.223%
11	9.733	1296	1300	1311	rVB2	1018198	933192	32.42%	4.043%
12	10.522	1430	1434	1447	rBV	1719018	1591369	55.29%	6.895%
13	11.210	1548	1551	1555	rBV	883386	836680	29.07%	3.625%
14	11.751	1639	1643	1650	rBV2	106275	108537	3.77%	0.470%
15	12.798	1816	1821	1824	rBV	2404819	2183575	75.86%	9.460%
16	13.698	1970	1974	1980	rBV	103446	139399	4.84%	0.604%
17	13.839	1994	1998	2002	rBV	768853	683443	23.74%	2.961%
18	14.321	2077	2080	2088	rBV3	27096	32158	1.12%	0.139%
19	14.615	2127	2130	2133	rBV	41200	37724	1.31%	0.163%
20	14.927	2180	2183	2189	rVB	45070	46722	1.62%	0.202%
21	15.245	2232	2237	2240	rBV	469832	550774	19.14%	2.386%
22	15.280	2240	2243	2250	rVB	53879	71009	2.47%	0.308%
23	15.680	2307	2311	2317	rBV	47786	73143	2.54%	0.317%
24	16.139	2386	2389	2394	rBV	32729	53124	1.85%	0.230%

Sum of corrected areas: 23081413

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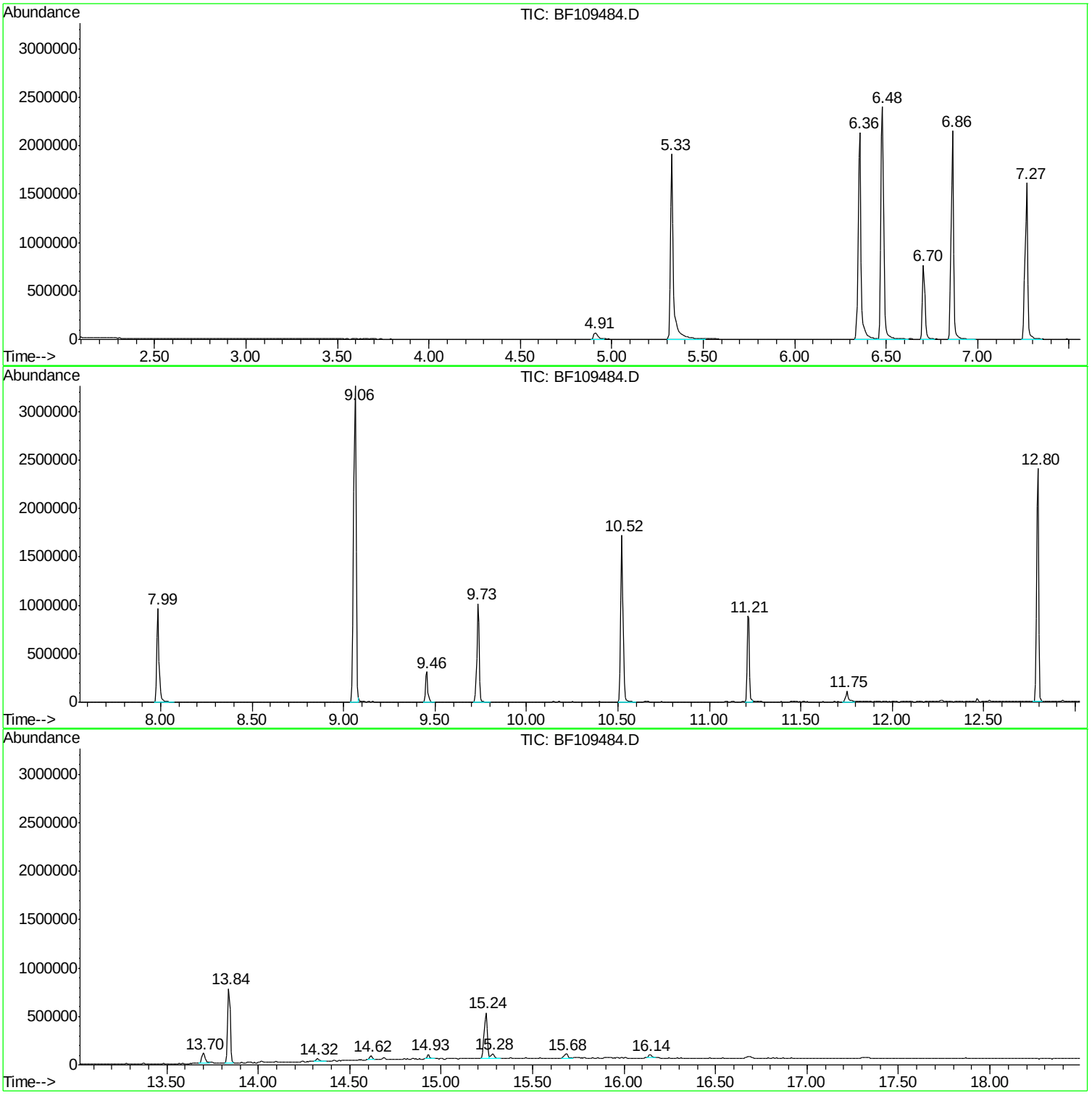
Instrument : BNA_F
ClientSampleId : HC-SOIL-4

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



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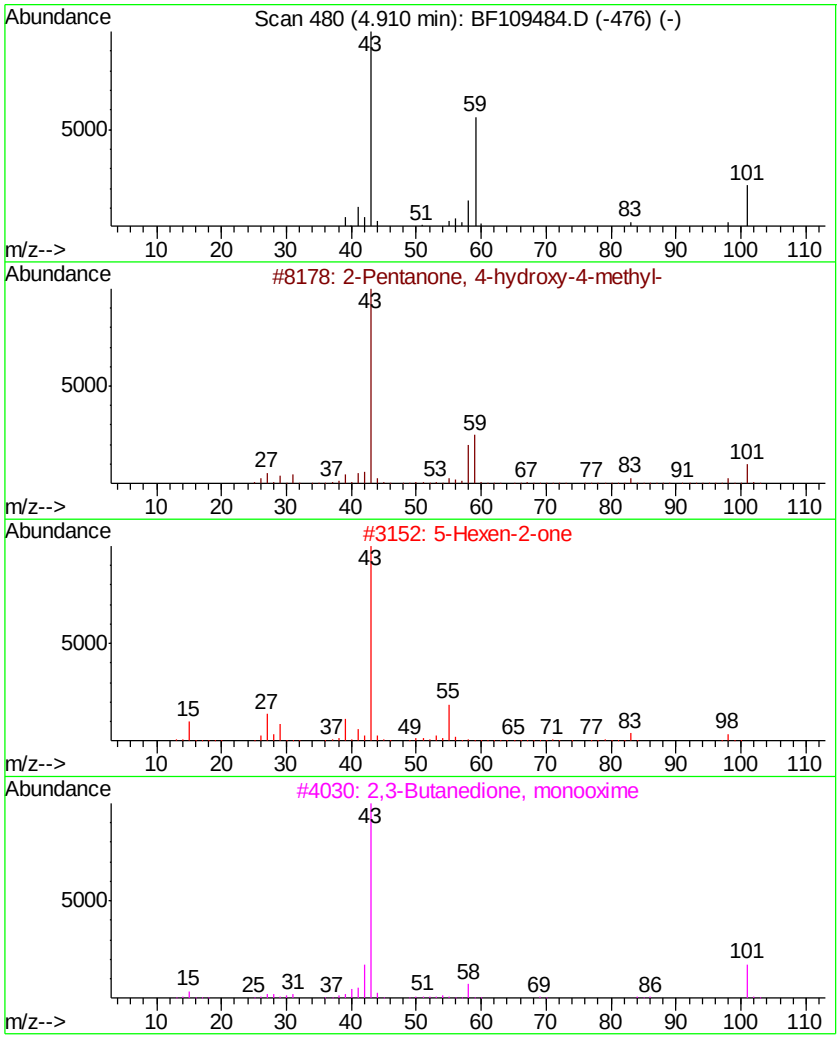
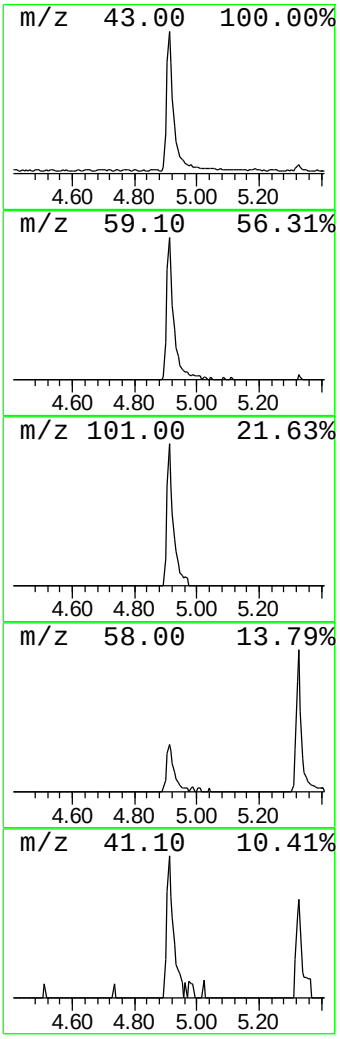
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.89 ng	98449	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	72
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9
5	3-Heptanol	116	C7H16O	000589-82-2	9





Library Search Compound Report

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Data File : BF109484.D
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Operator : JU/SJ
Sample : J5170-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-4

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

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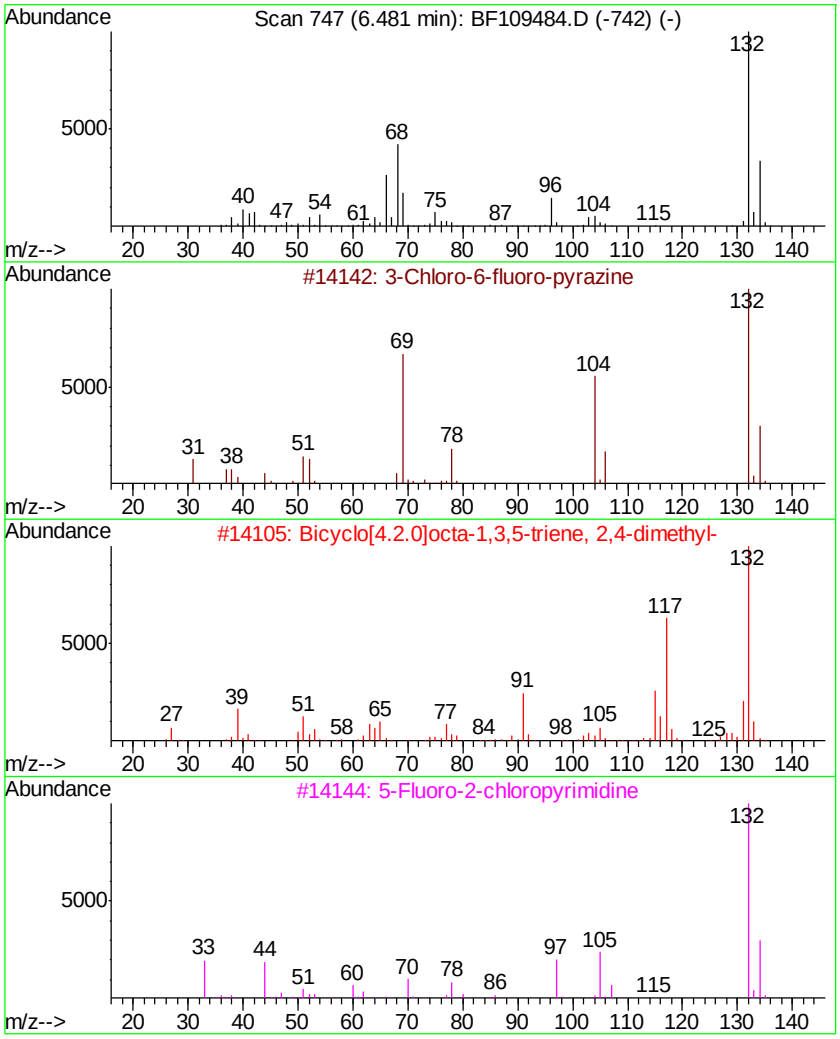
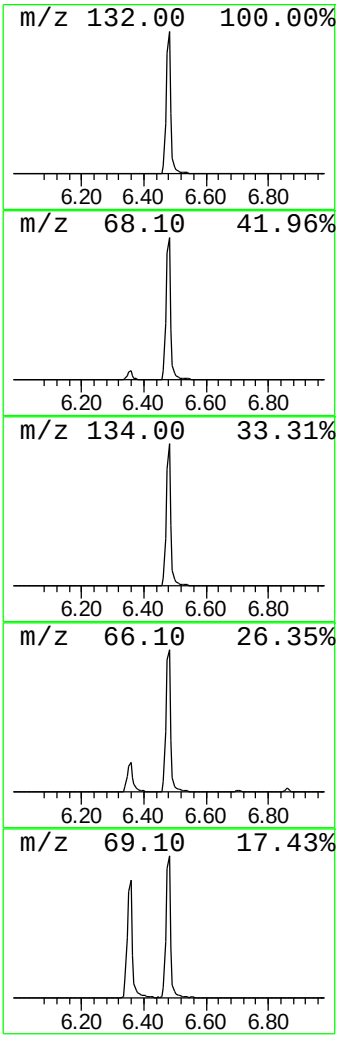
Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	73.94 ng	2515140	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	35
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
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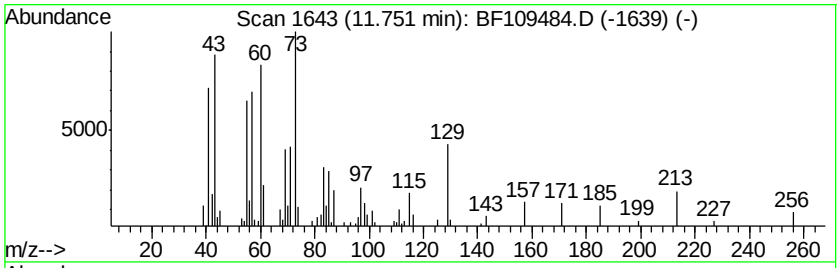
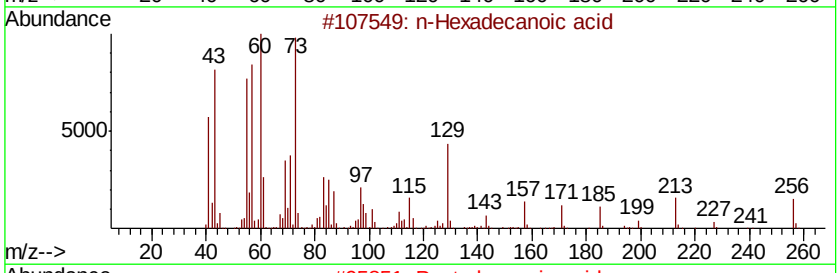
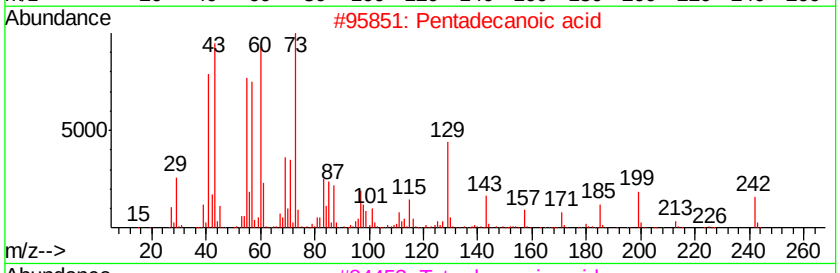
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

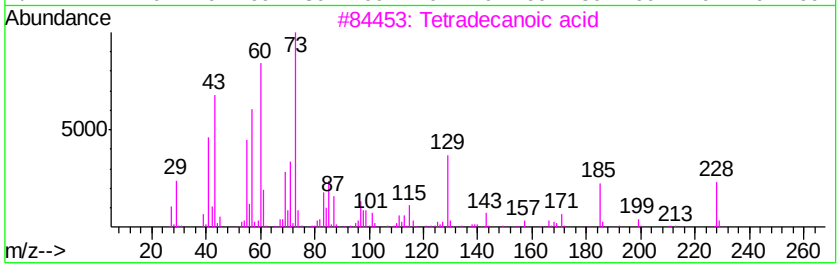
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.59 ng	108537	Phenanthrene-d10	11.21

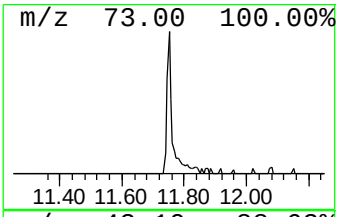
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	18

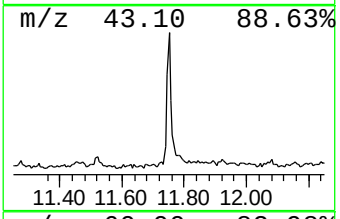


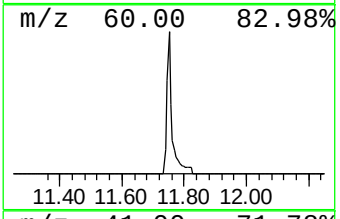


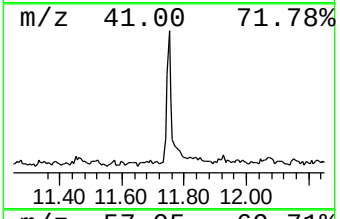


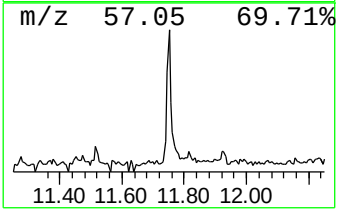












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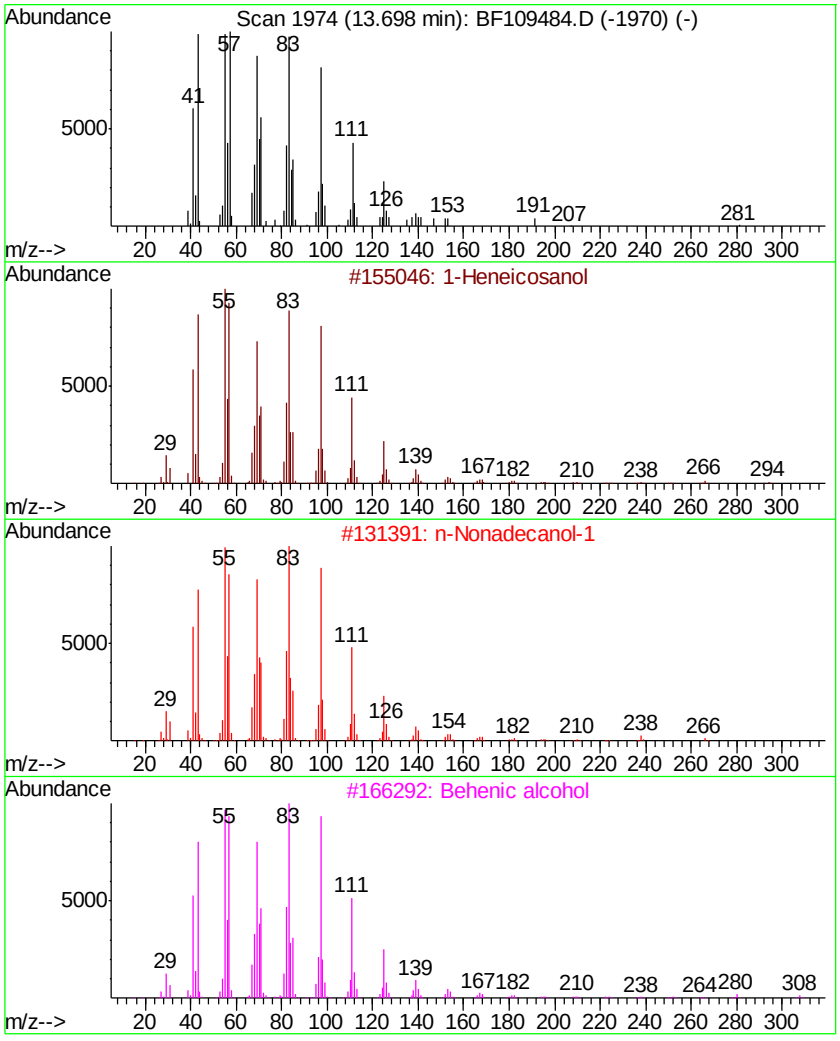
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

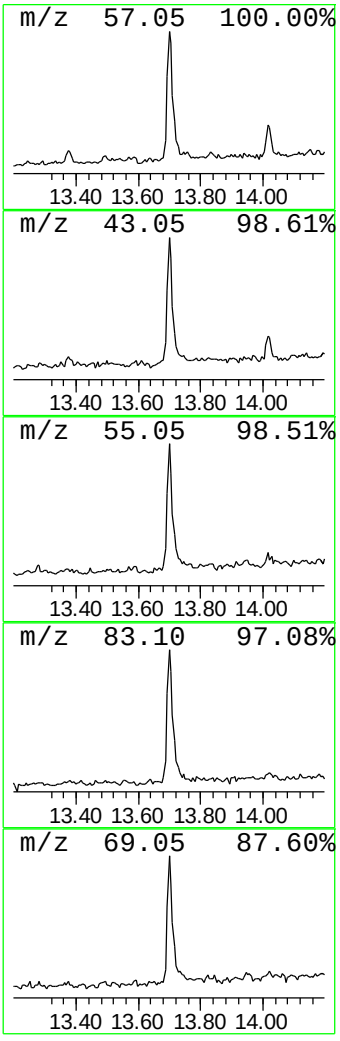
****

Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.08 ng	139399	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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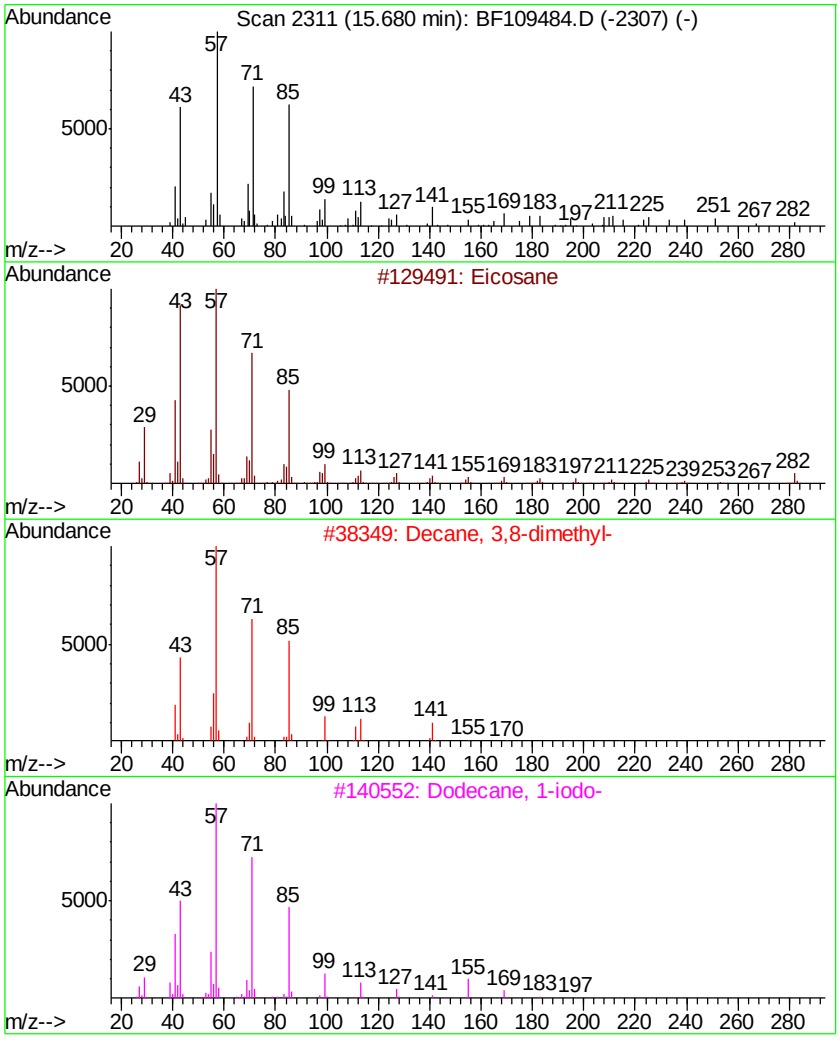
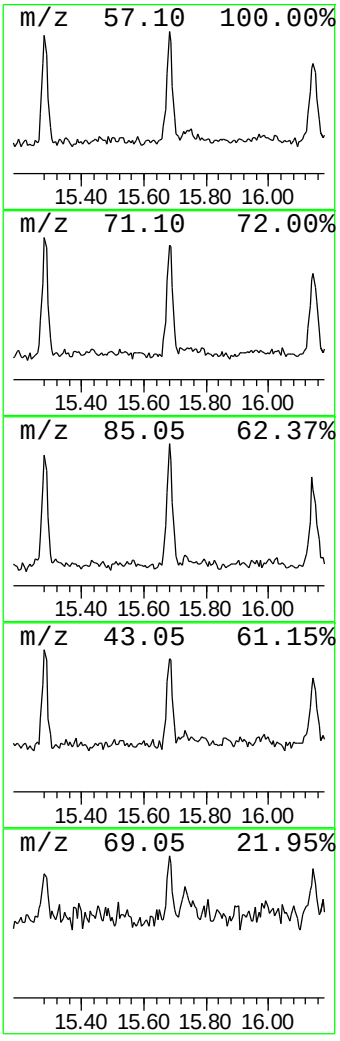
****

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.66 ng	73143	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	80
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	64
5	Triacontane	422	C30H62	000638-68-6	58





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	98449	1	6.70	680348	20.0
unknown6.48	6.48	73.9	ng	2515140	1	6.70	680348	20.0
n-Hexadecanoic acid	11.75	2.6	ng	108537	4	11.21	836680	20.0
1-Heneicosanol	13.70	4.1	ng	139399	5	13.84	683443	20.0
Eicosane	15.68	2.7	ng	73143	6	15.24	550774	20.0