LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115690.D
Acq On : 19 Jul 2019 23:39
Operator : HP/JU
Sample : K3900-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-COMP

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-BF071219.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	2.222	16	23	33	rVB	794784	1037305	25.00%	2.735%
2	5.510	577	582	585	rBV	3651371	3850307	92.79%	10.153%
3	6.516	747	753	756	rBV	3627540	4024396	96.98%	10.612%
4	6.657	772	777	780	rBV	3919542	4144296	99.87%	10.928%
5	6.881	811	815	819	rBV	1607158	1291958	31.13%	3.407%
6	7.039	838	842	845	rBV	3448647	3111653	74.99%	8.205%
7	7.445	905	911	914	rBV	2441035	2639946	63.62%	6.961%
8	8.163	1029	1033	1050	rVB	1984952	1643933	39.62%	4.335%
9	9.239	1211	1216	1219	rBV	4763578	4149637	100.00%	10.942%
10	9.627	1278	1282	1292	rBV	1009359	771213	18.59%	2.034%
11	9.922	1328	1332	1335	rBV	1851530	1683644	40.57%	4.440%
12	10.704	1461	1465	1469	rBV	2276317	2301552	55.46%	6.069%
13	11.404	1580	1584	1588	rBV	1684094	1411145	34.01%	3.721%
14	11.927	1669	1673	1678	rBV	248519	243648	5.87%	0.642%
15	12.710	1803	1806	1811	rBV2	42818	54946	1.32%	0.145%
16	12.986	1849	1853	1857	rBV	3016368	2845178	68.56%	7.503%
17	13.892	2004	2007	2010	rBV	56016	50578	1.22%	0.133%
18	13.939	2011	2015	2023	rVV3	77816	206463	4.98%	0.544%
19	14.045	2029	2033	2039	rBV	1113740	1027643	24.76%	2.710%
20	14.204	2058	2060	2063	rVB	78466	66501	1.60%	0.175%
21	14.510	2110	2112	2116	rVB	111274	94174	2.27%	0.248%
22	14.821	2162	2165	2168	rBV	140784	130977	3.16%	0.345%
23	14.898	2175	2178	2181	rVB	115544	111030	2.68%	0.293%
24	15.162	2220	2223	2227	rVB	149628	155845	3.76%	0.411%
25	15.521	2279	2284	2287	rBV	670396	874943	21.08%	2.307%

Sum of corrected areas: 37922911

LSC Report - Integrated Chromatogram

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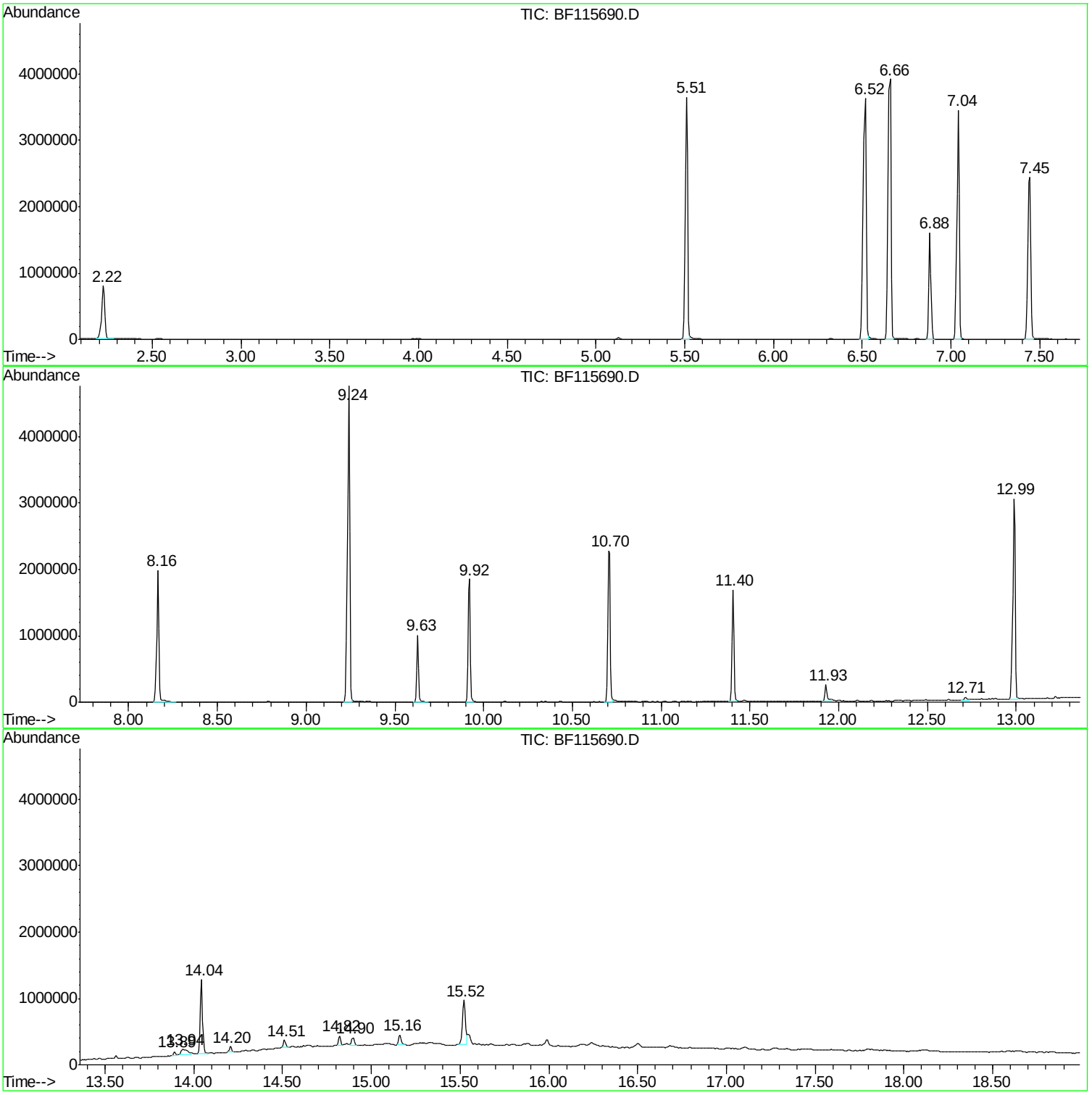
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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Sample : K3900-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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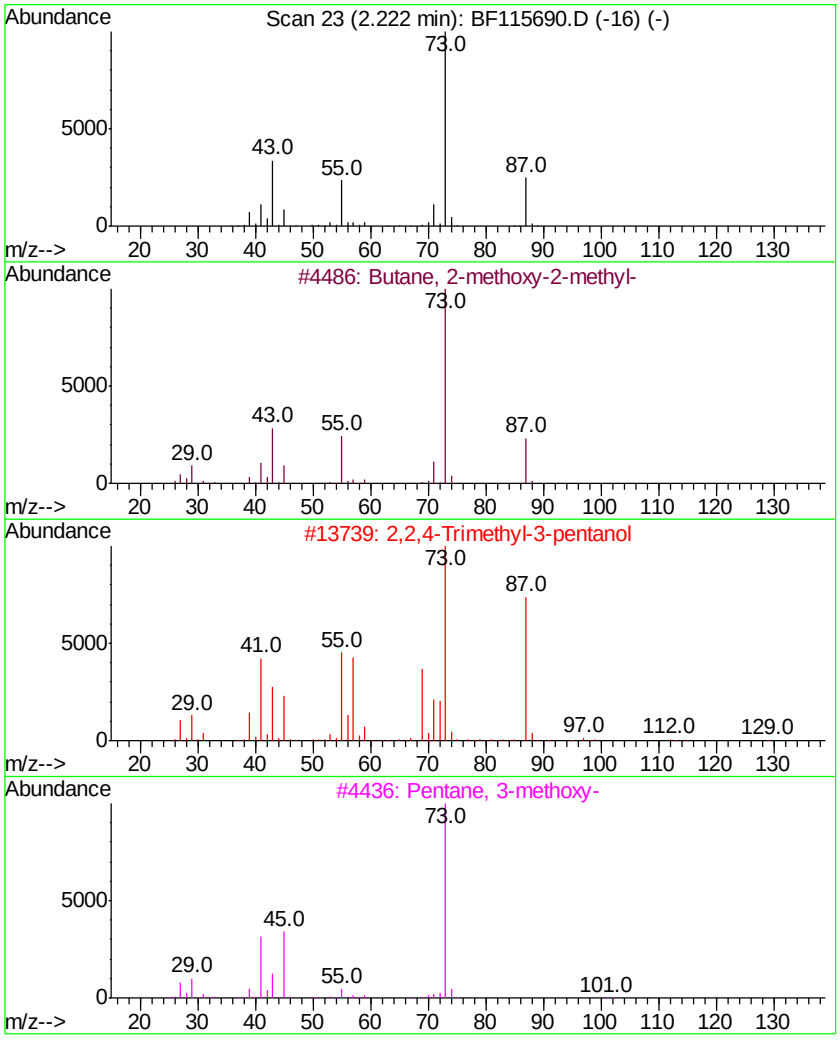
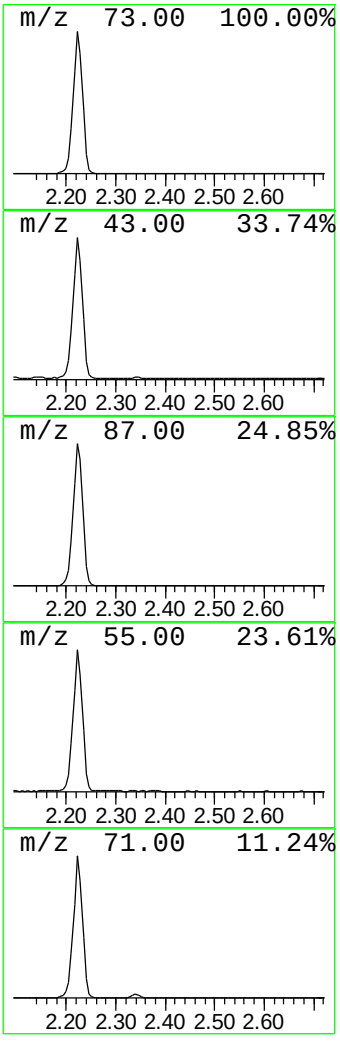
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	16.06 ng	1037310	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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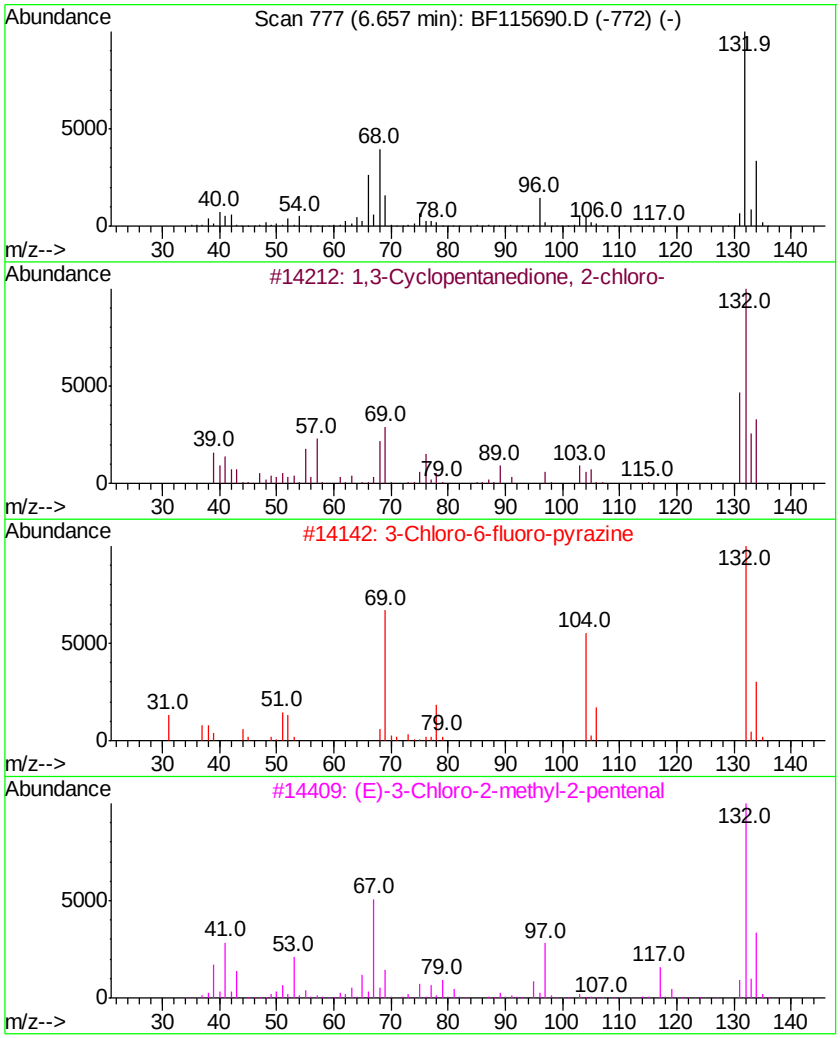
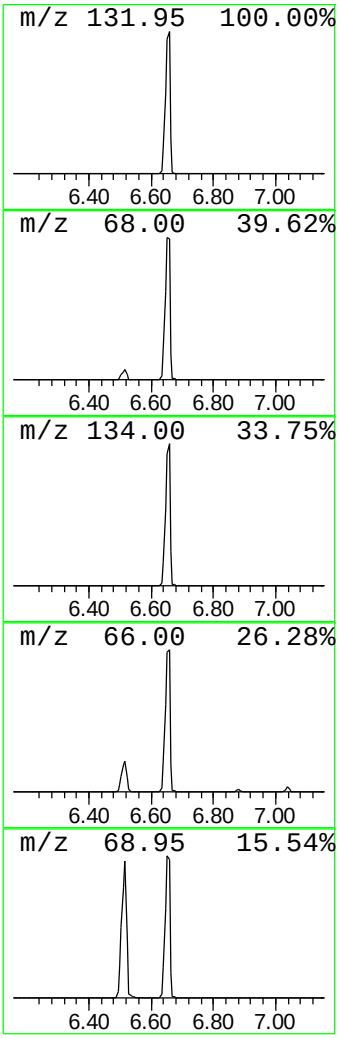
Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	64.16 ng	4144300	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Library Search Compound Report

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Sample : K3900-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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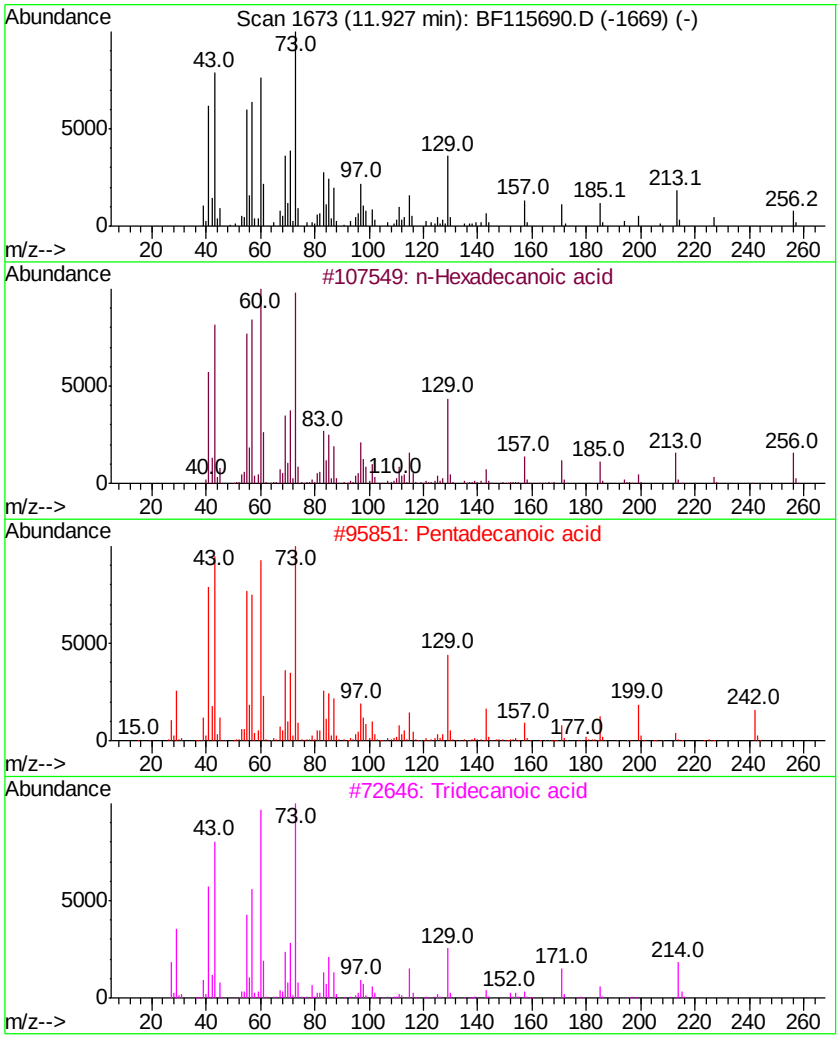
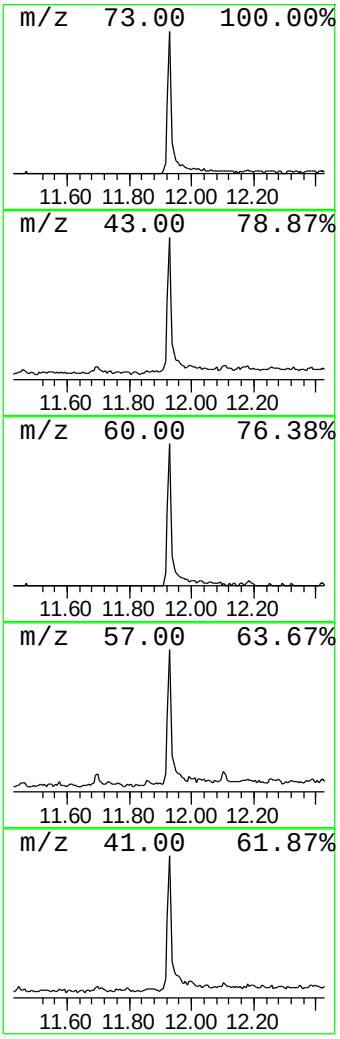
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.45 ng	243648	Phenanthrene-d10	11.40

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20





Library Search Compound Report

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Operator : HP/JU
Sample : K3900-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOIL-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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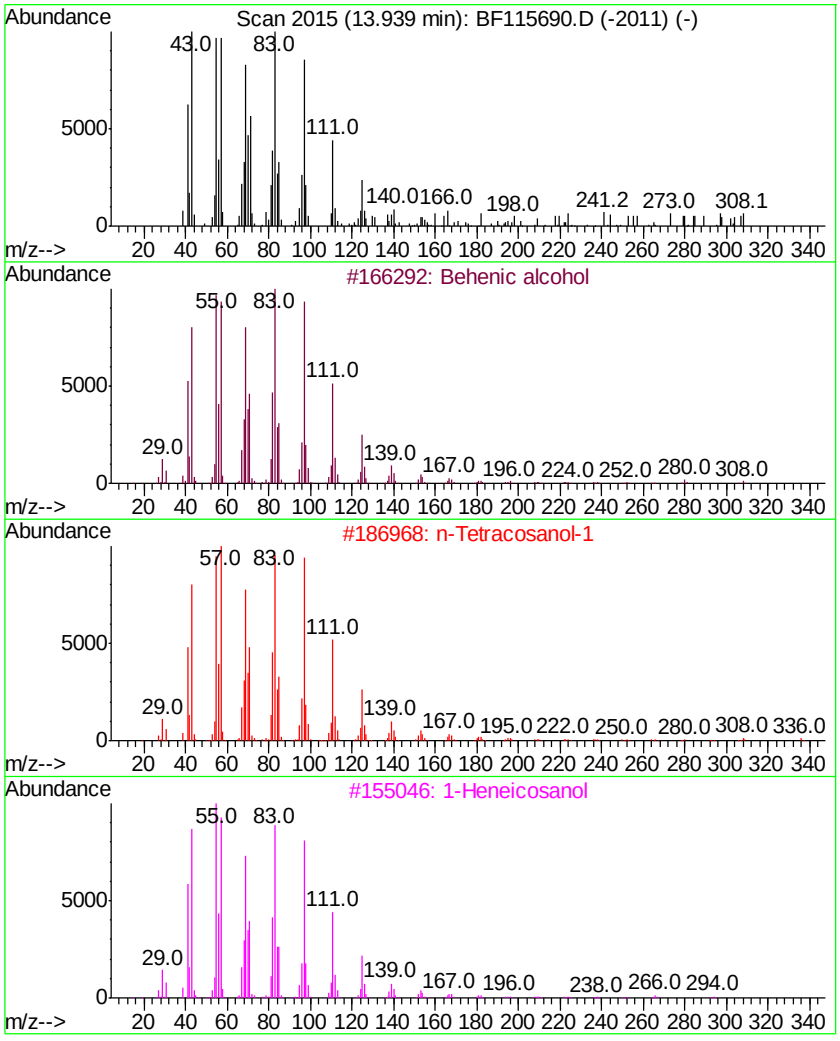
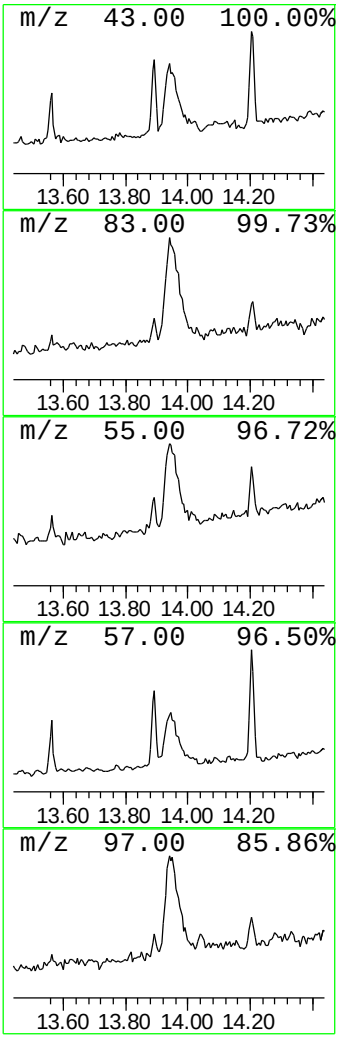
Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.02 ng	206463	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Cyclopentadecane	210	C15H30	000295-48-7	91





Library Search Compound Report

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Instrument : BNA_F
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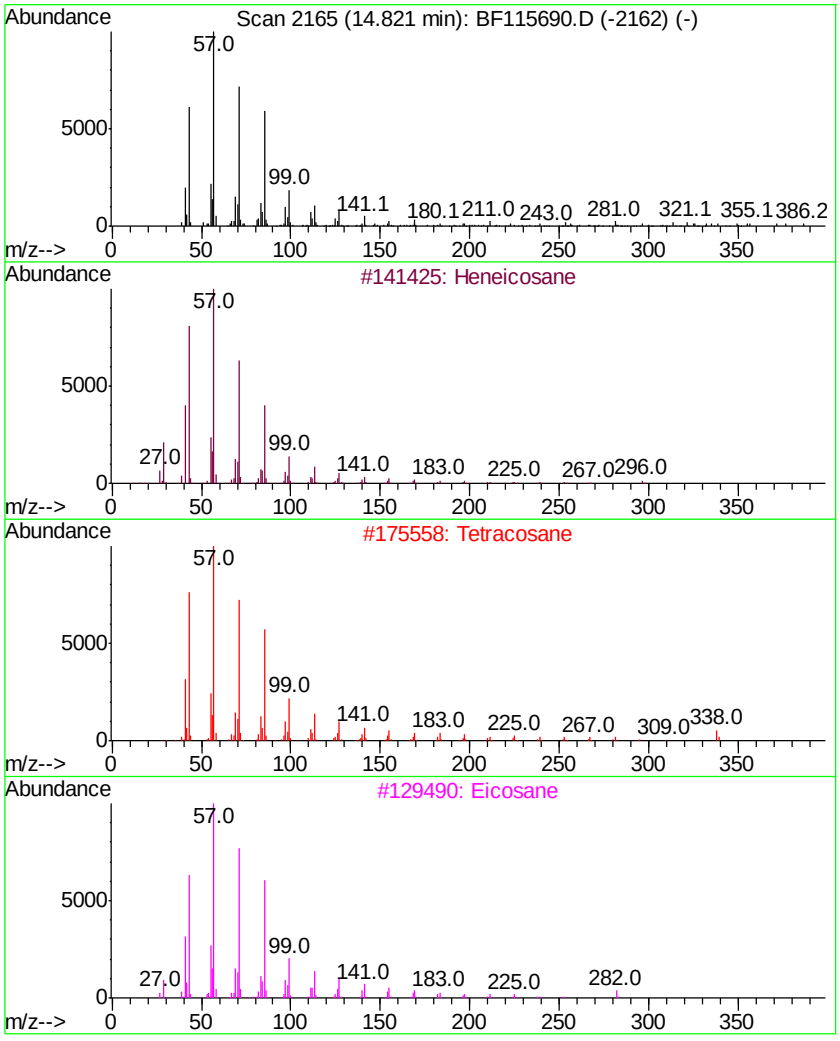
TIC Integration Parameters: LSCINT.P

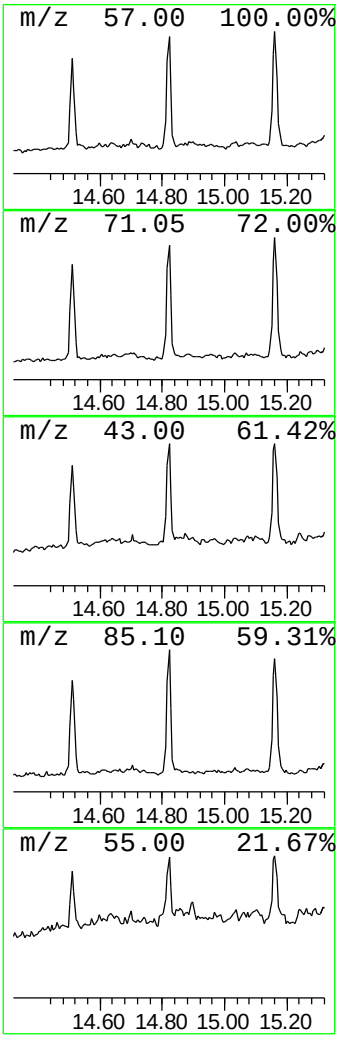
****

Peak Number 6 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.99 ng	130977	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Tetracosane	338	C24H50	000646-31-1	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
5	Docosane	310	C22H46	000629-97-0	90





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Instrument : BNA_F
ClientSampleId : SOIL-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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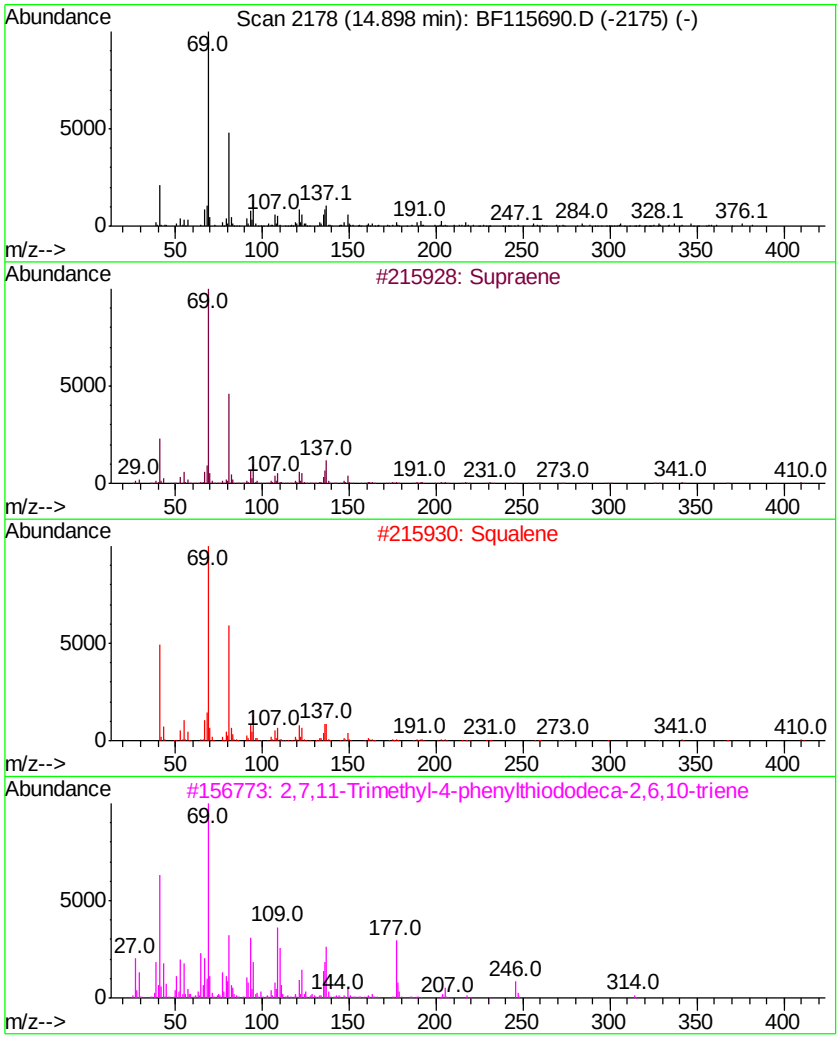
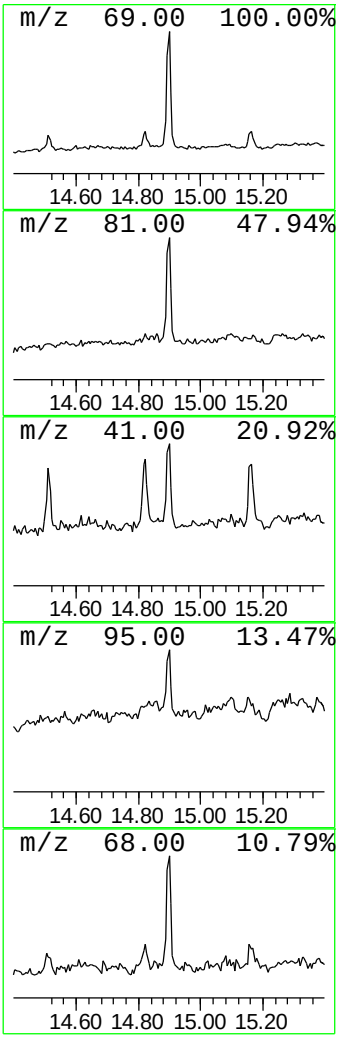
Peak Number 7 Supraene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.54 ng	111030	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	Squalene	410	C30H50	000111-02-4	83
3	2,7,11-Trimethyl-4-phenylthiodod...	314	C21H30S	1000190-11-3	56
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	53
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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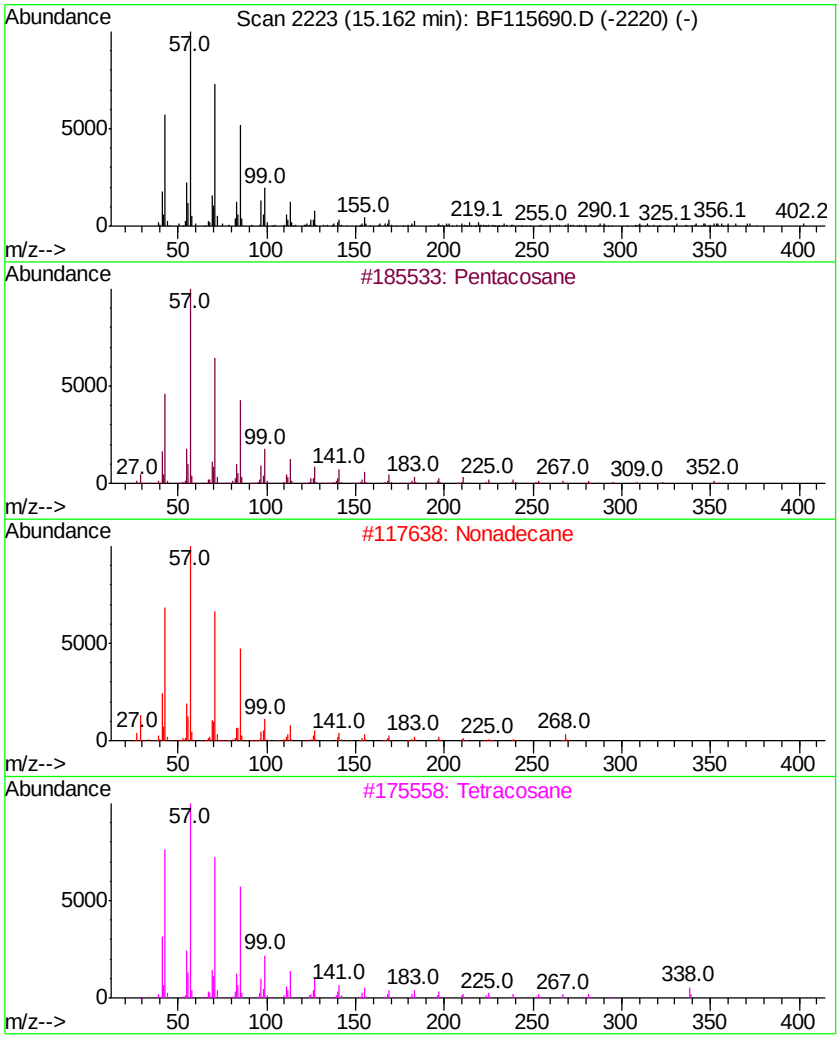
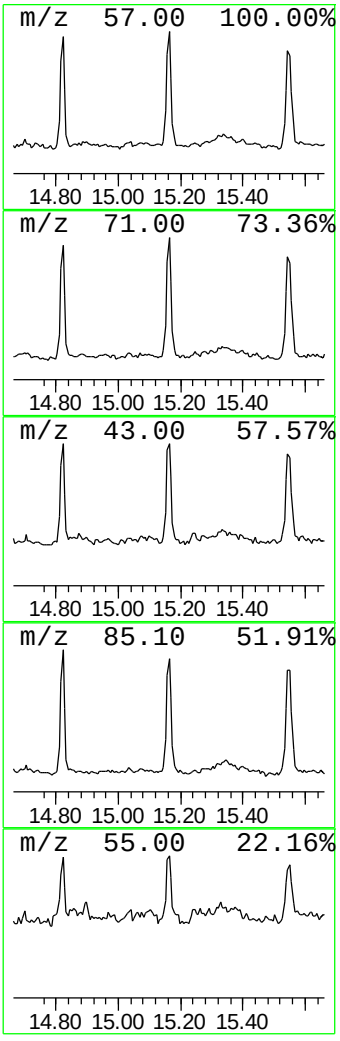
Peak Number 8 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.56 ng	155845	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	90





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
Butane, 2-methoxy...	2.22	16.1	ng	1037310	1	6.88	1291960	20.0
unknown6.66	6.66	64.2	ng	4144300	1	6.88	1291960	20.0
n-Hexadecanoic acid	11.93	3.5	ng	243648	4	11.40	1411150	20.0
Behenic alcohol	13.94	4.0	ng	206463	5	14.04	1027640	20.0
Heneicosane	14.82	3.0	ng	130977	6	15.52	874943	20.0
Supraene	14.90	2.5	ng	111030	6	15.52	874943	20.0
Pentacosane	15.16	3.6	ng	155845	6	15.52	874943	20.0