LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113666.D
Acq On : 9 Apr 2019 17:33
Operator : JU/SJ
Sample : K2338-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-SHALLOW

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-BF040319.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	5.293	541	545	579	rBV	2286137	2639813	83.54%	9.441%
2	6.334	717	722	738	rBV	2531011	2780874	88.01%	9.946%
3	6.451	738	742	763	rVB	2880607	2773087	87.76%	9.918%
4	6.681	777	781	795	rVB	615601	615154	19.47%	2.200%
5	6.834	803	807	826	rBV	2343683	2104039	66.59%	7.525%
6	7.245	873	877	906	rBV	1740386	1757448	55.62%	6.286%
7	7.963	995	999	1015	rBV	724053	786587	24.89%	2.813%
8	9.033	1177	1181	1194	rBV	3375460	3120058	98.74%	11.159%
9	9.428	1245	1248	1265	rVB	298884	315724	9.99%	1.129%
10	9.710	1292	1296	1307	rVB	991878	906215	28.68%	3.241%
11	10.498	1426	1430	1444	rBV	2122491	2186243	69.19%	7.819%
12	11.192	1544	1548	1561	rBV	989408	985635	31.19%	3.525%
13	11.657	1623	1627	1636	rBV2	32294	60700	1.92%	0.217%
14	11.727	1636	1639	1651	rBV2	427709	511736	16.19%	1.830%
15	12.410	1751	1755	1757	rBV	36291	44755	1.42%	0.160%
16	12.510	1769	1772	1779	rBV	63295	88379	2.80%	0.316%
17	12.633	1789	1793	1798	rVB	33897	42138	1.33%	0.151%
18	12.774	1812	1817	1820	rBV	3269864	3159881	100.00%	11.301%
19	13.804	1988	1992	1993	rBV	190771	191145	6.05%	0.684%
20	13.827	1993	1996	2020	rVV	849403	1172380	37.10%	4.193%
21	13.986	2020	2023	2027	rVB	39071	34777	1.10%	0.124%
22	14.292	2071	2075	2078	rBV	65244	61510	1.95%	0.220%
23	14.586	2121	2125	2129	rVB	93047	88975	2.82%	0.318%
24	14.651	2132	2136	2140	rVV	396928	367834	11.64%	1.316%
25	14.892	2174	2177	2183	rVB	97166	104054	3.29%	0.372%
26	15.233	2230	2235	2246	rBV	638340	835698	26.45%	2.989%
27	15.633	2298	2303	2311	rVB	60057	91330	2.89%	0.327%
28	16.086	2376	2380	2391	rVB3	41926	85944	2.72%	0.307%
29	16.615	2466	2470	2476	rVB6	25066	47727	1.51%	0.171%

Sum of corrected areas: 27959840

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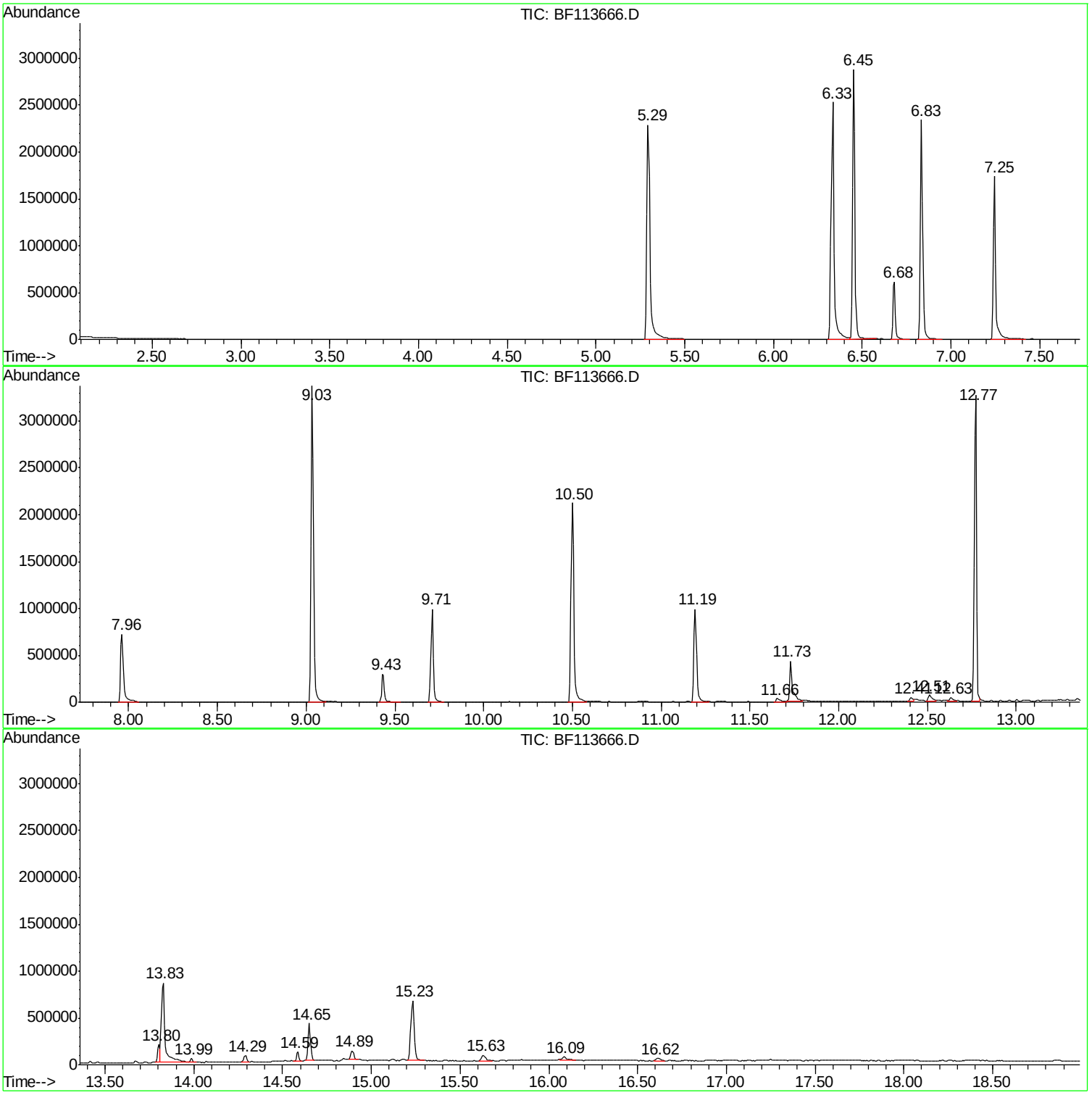
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-SHALLOW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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 : BF113666.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

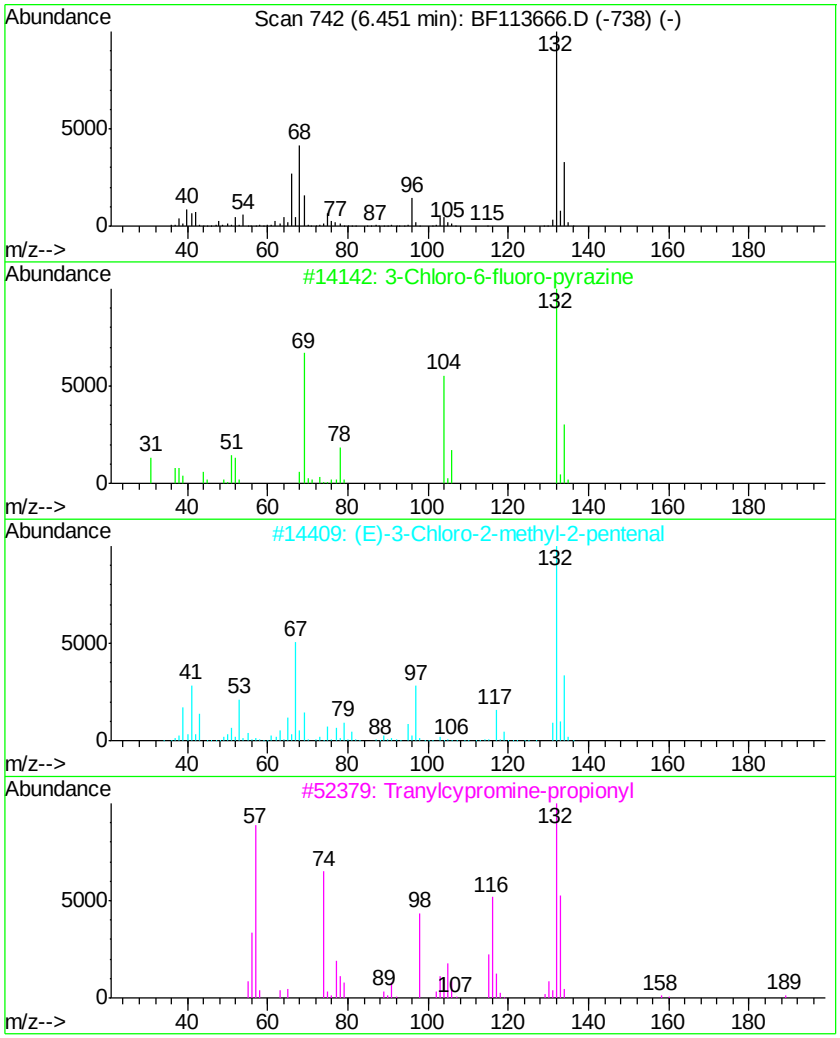
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

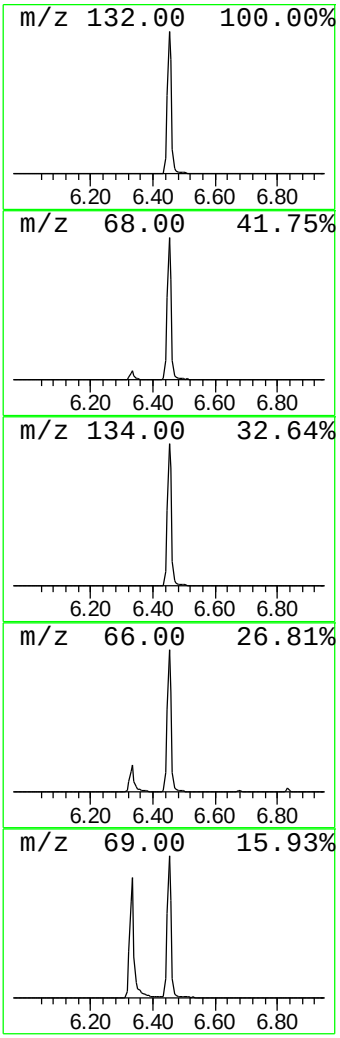
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	90.16 ng	2773090	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Operator : JU/SJ
Sample : K2338-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-SHALLOW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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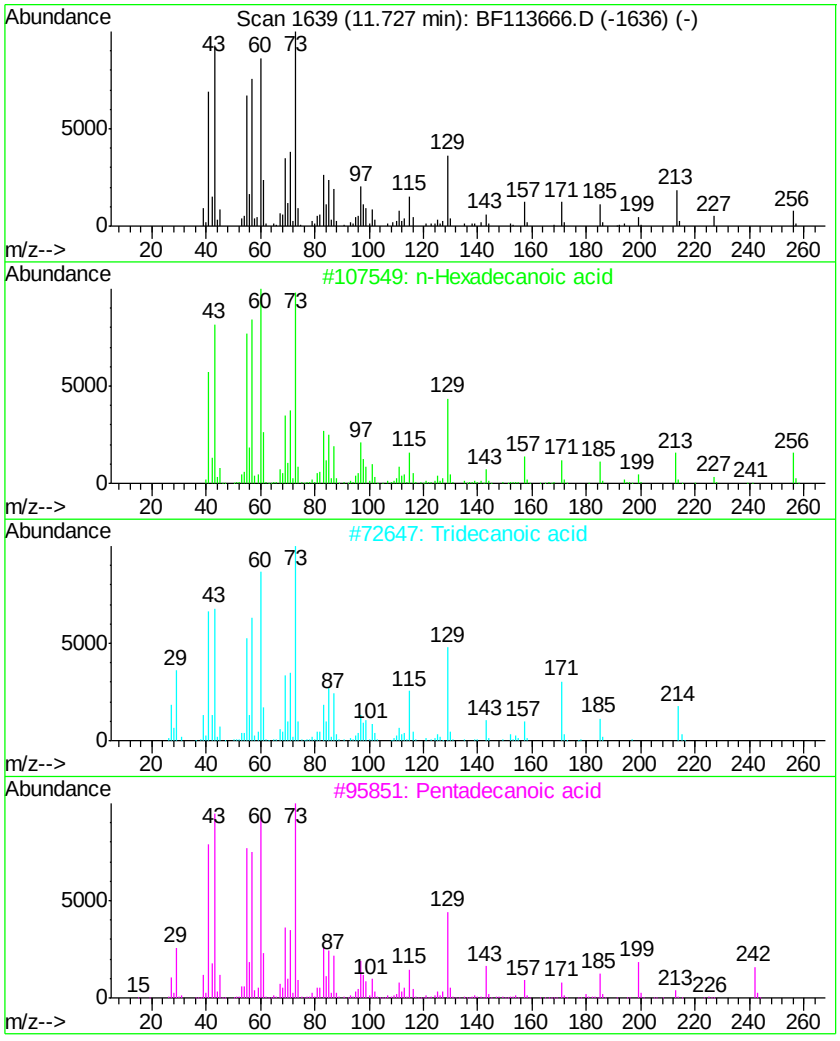
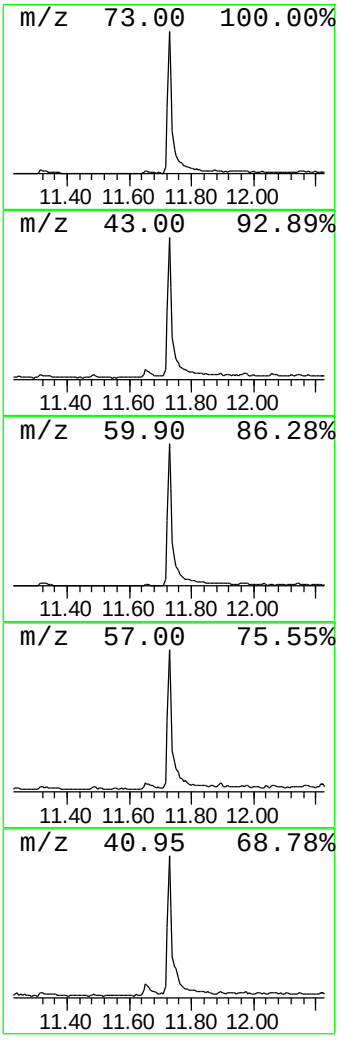
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	10.38 ng	511736	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	20





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
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Acq On : 9 Apr 2019 17:33
Operator : JU/SJ
Sample : K2338-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-SHALLOW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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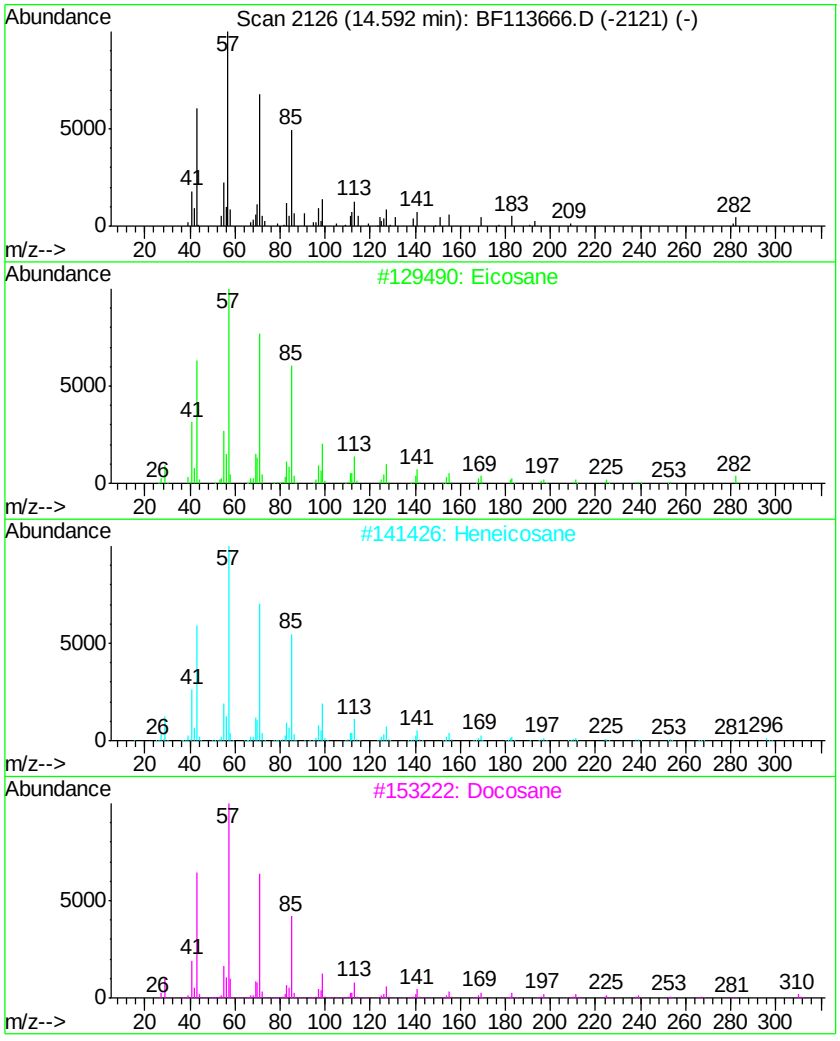
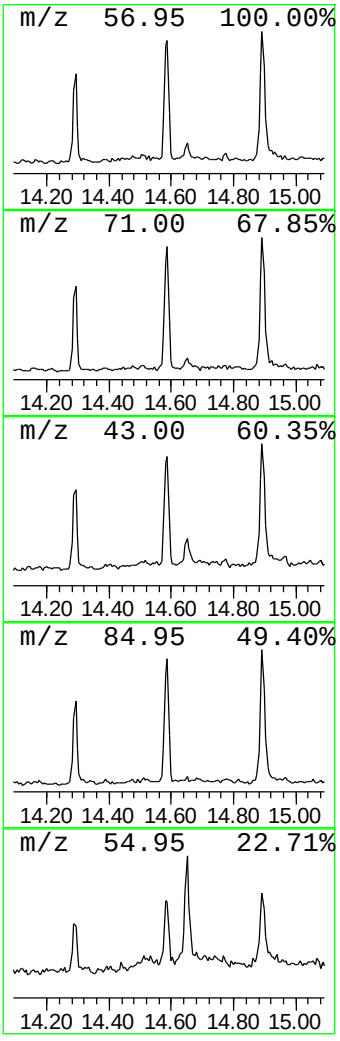
Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.13 ng	88975	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Docosane	310	C22H46	000629-97-0	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hentriacontane	437	C31H64	000630-04-6	87





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Operator : JU/SJ
Sample : K2338-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-SHALLOW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
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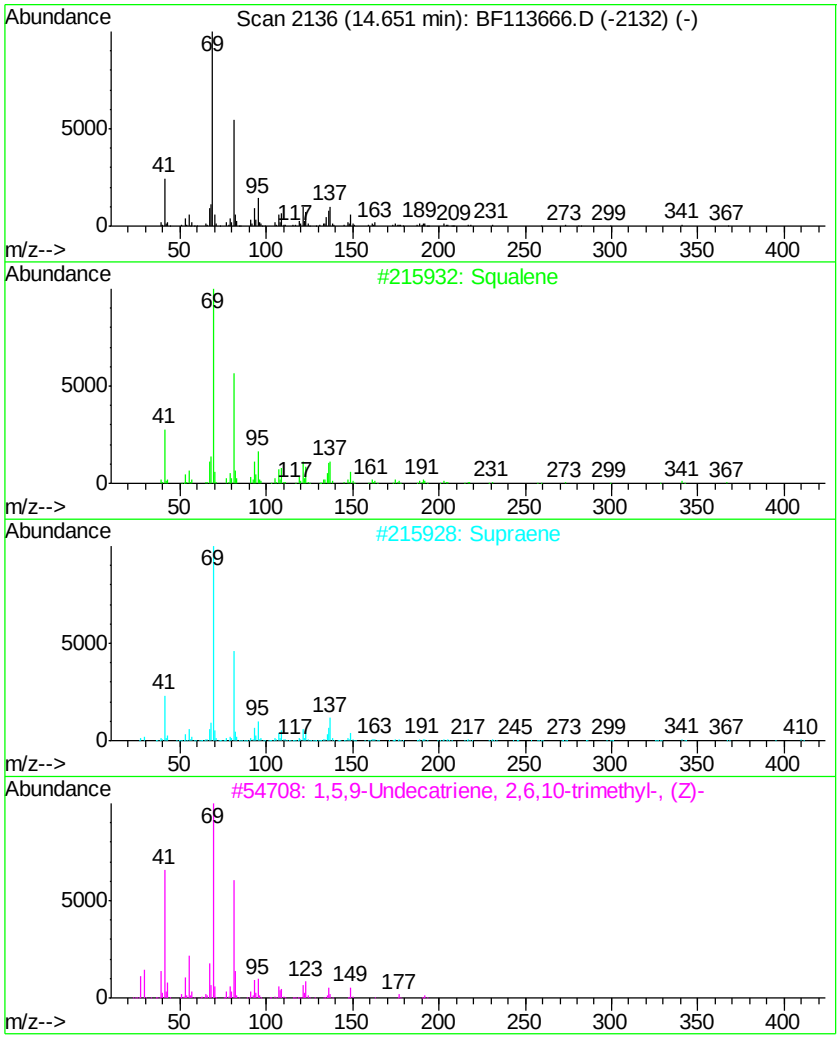
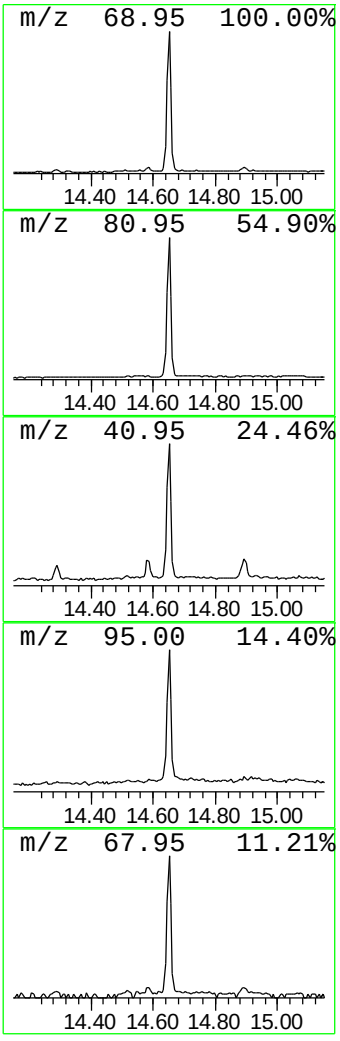
Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	8.80 ng	367834	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	94
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	86
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	Farnesol isomer a	222	C15H26O	1000108-92-4	64





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2-SHALLOW

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TIC Library : C:\DATABASE\NIST11.L
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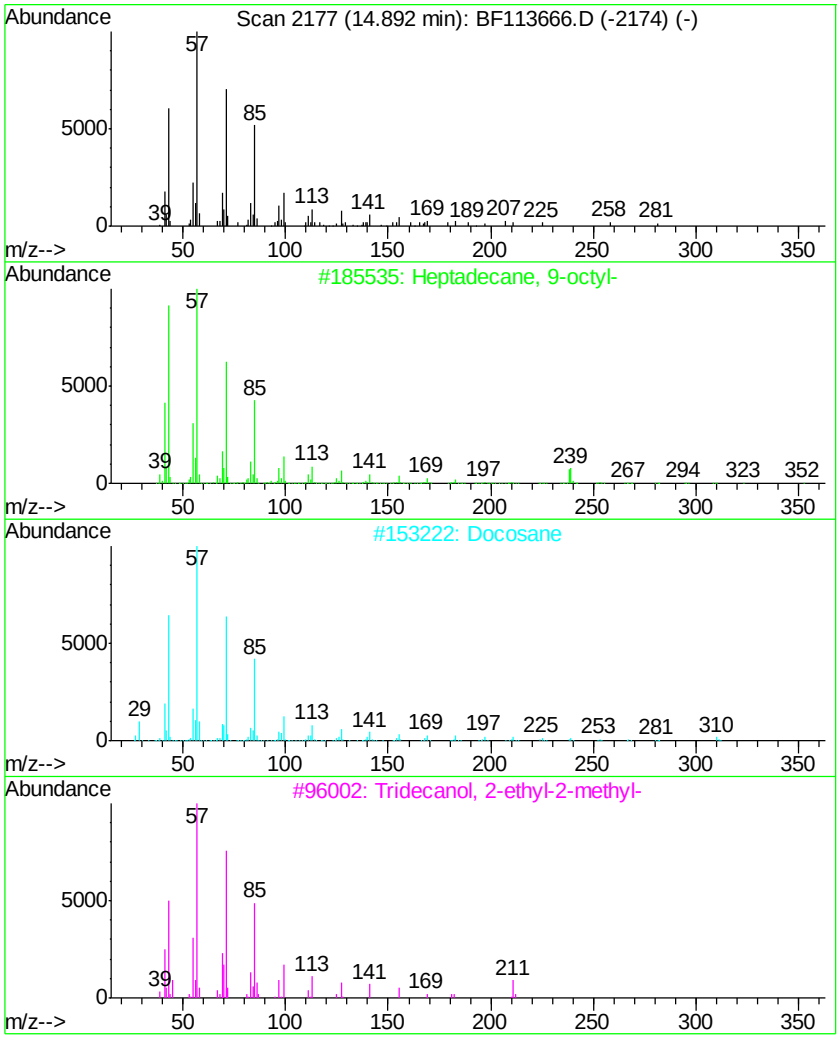
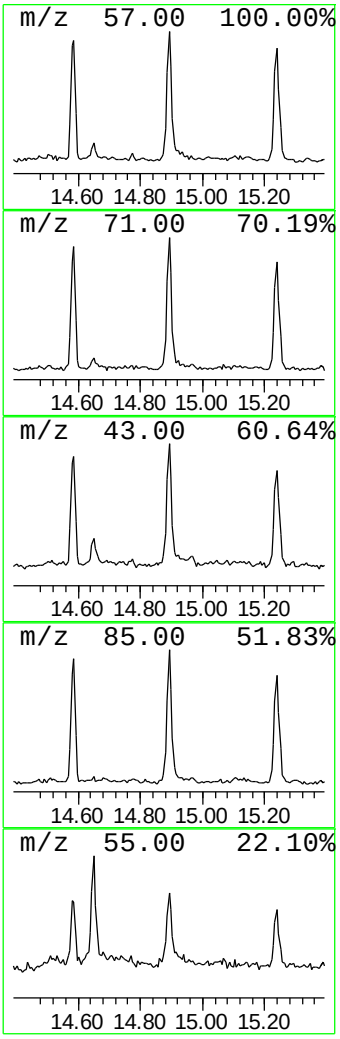
Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.49 ng	104054	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Docosane	310	C22H46	000629-97-0	91
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





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Instrument :
BNA_F
ClientSampleId :
TP-2-SHALLOW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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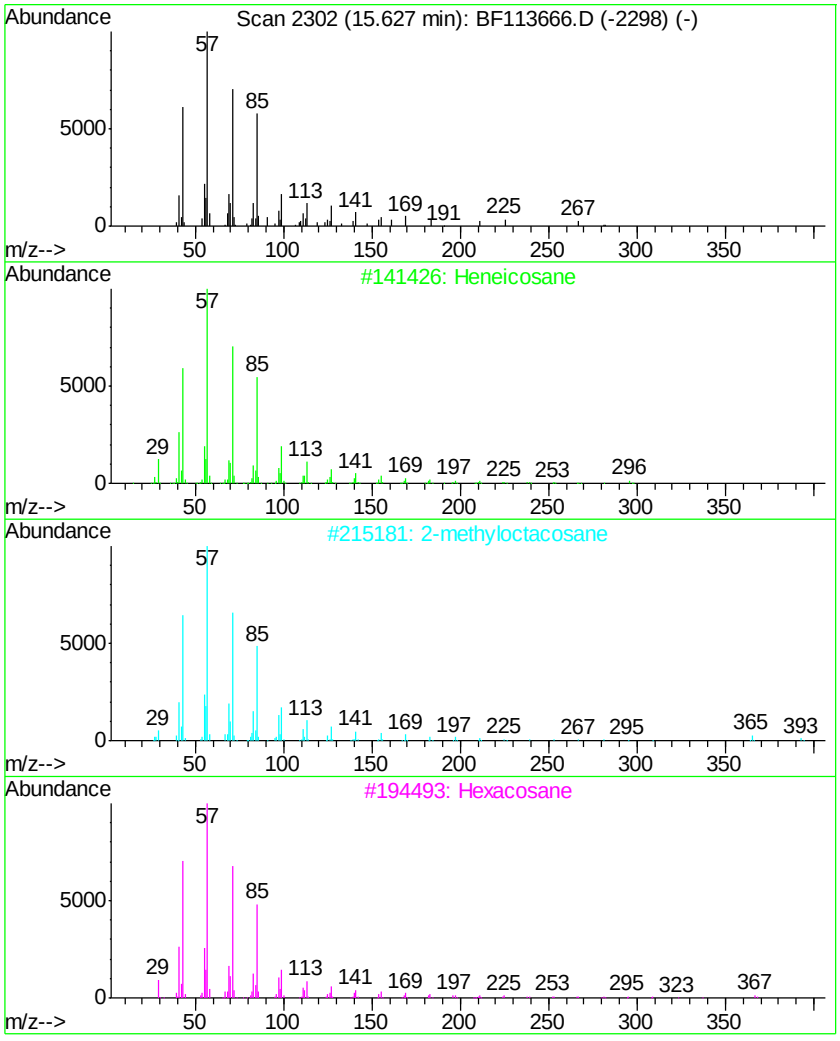
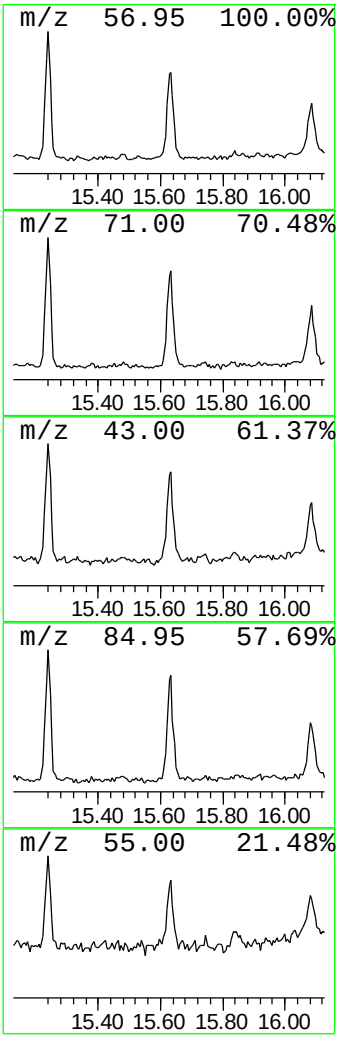
Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.19 ng	91330	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Pentacosane	352	C25H52	000629-99-2	87





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

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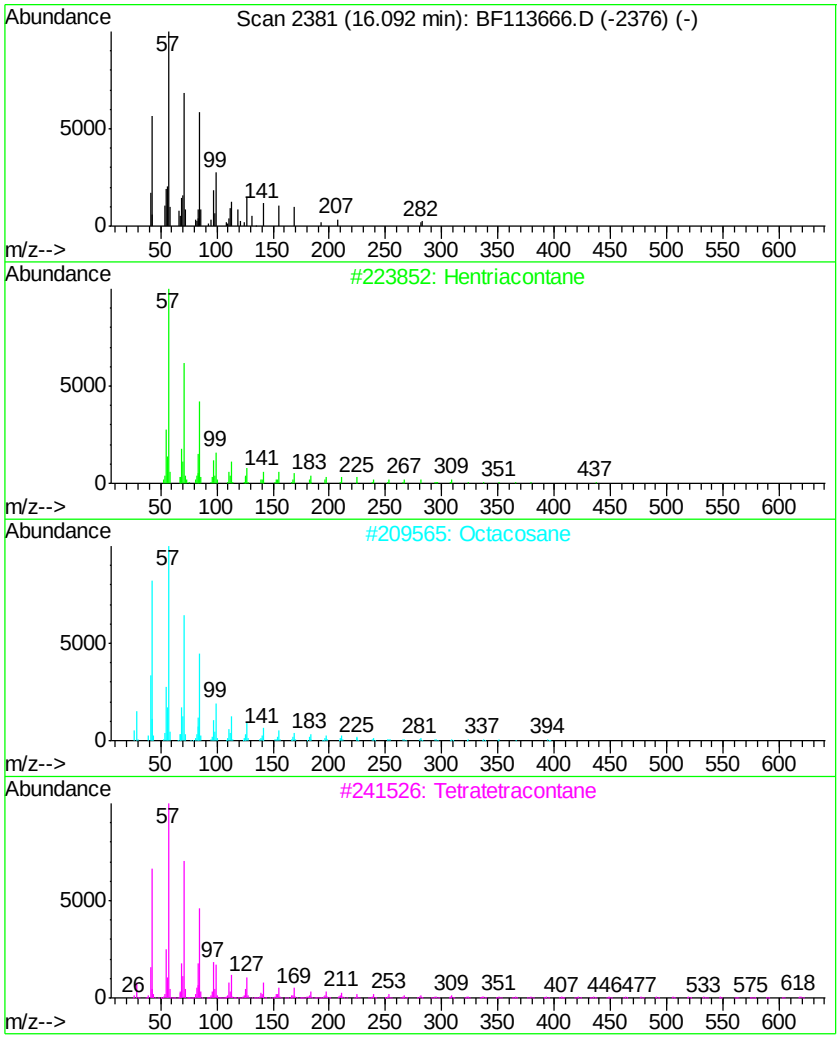
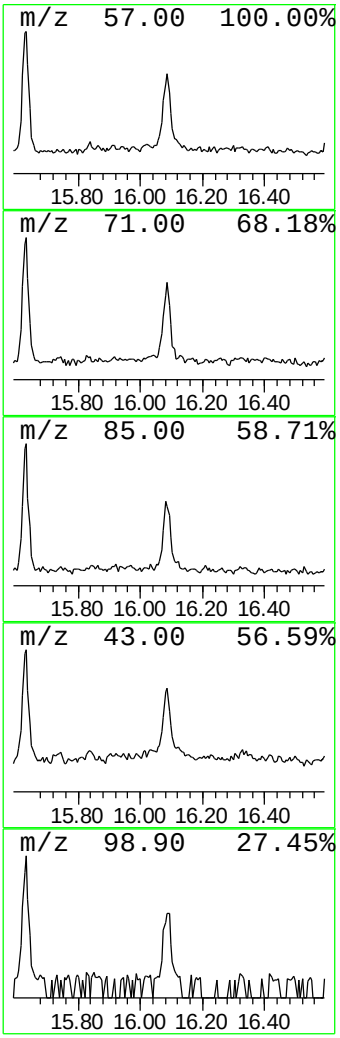
Peak Number 8 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.06 ng	85944	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heptacosane	380	C27H56	000593-49-7	87
5	Pentacosane	352	C25H52	000629-99-2	86





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
unknown6.45	6.45	90.2	ng	2773090	1	6.68	615154	20.0
n-Hexadecanoic acid	11.73	10.4	ng	511736	4	11.19	985635	20.0
Eicosane	14.59	2.1	ng	88975	6	15.23	835698	20.0
Squalene	14.65	8.8	ng	367834	6	15.23	835698	20.0
Heptadecane, 9-oc...	14.89	2.5	ng	104054	6	15.23	835698	20.0
Heneicosane	15.63	2.2	ng	91330	6	15.23	835698	20.0
Hentriacontane	16.09	2.1	ng	85944	6	15.23	835698	20.0