LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117390.D
Acq On : 13 Oct 2019 1:04
Operator : JU
Sample : K5323-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-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-BF091319.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	5.416	563	566	590	rBV	790508	894791	82.98%	9.268%
2	6.440	736	740	758	rBV	935087	1002462	92.96%	10.383%
3	6.569	758	762	776	rVB	1170065	1034125	95.90%	10.711%
4	6.792	797	800	813	rBV	240456	234290	21.73%	2.427%
5	6.951	823	827	841	rBV	812193	743511	68.95%	7.701%
6	7.357	893	896	922	rBV	496916	611934	56.75%	6.338%
7	8.075	1015	1018	1037	rBV	204005	302482	28.05%	3.133%
8	9.151	1197	1201	1213	rBV	1086204	1078346	100.00%	11.169%
9	9.545	1265	1268	1281	rBV	115890	121666	11.28%	1.260%
10	9.828	1313	1316	1330	rBV	342042	366876	34.02%	3.800%
11	10.622	1447	1451	1465	rBV	597163	664263	61.60%	6.880%
12	11.316	1566	1569	1578	rBV	321367	366078	33.95%	3.792%
13	11.839	1655	1658	1667	rBV	40879	54973	5.10%	0.569%
14	12.539	1774	1777	1780	rBV	15270	18785	1.74%	0.195%
15	12.639	1789	1794	1796	rBV5	6740	11667	1.08%	0.121%
16	12.769	1811	1816	1819	rBV	19853	21544	2.00%	0.223%
17	12.898	1834	1838	1842	rBV	1068989	936627	86.86%	9.701%
18	13.333	1909	1912	1916	rBV5	9263	12949	1.20%	0.134%
19	13.798	1987	1991	2003	rBV2	79141	165564	15.35%	1.715%
20	13.963	2015	2019	2030	rVB	284594	312305	28.96%	3.235%
21	14.110	2041	2044	2047	rBV3	19853	23467	2.18%	0.243%
22	14.416	2093	2096	2099	rBV	37443	37456	3.47%	0.388%
23	14.715	2144	2147	2150	rVB	39049	37863	3.51%	0.392%
24	15.039	2199	2202	2206	rVB	56319	64912	6.02%	0.672%
25	15.415	2260	2266	2276	rBV	232390	369443	34.26%	3.827%
26	15.827	2332	2336	2343	rVB	44266	70706	6.56%	0.732%
27	16.068	2374	2377	2384	rVB8	15380	28793	2.67%	0.298%
28	16.304	2415	2417	2424	rVB4	21065	33487	3.11%	0.347%
29	17.051	2541	2544	2549	rVB6	10824	15793	1.46%	0.164%
30	17.545	2624	2628	2634	rVB8	10090	17572	1.63%	0.182%

Sum of corrected areas: 9654730

LSC Report - Integrated Chromatogram

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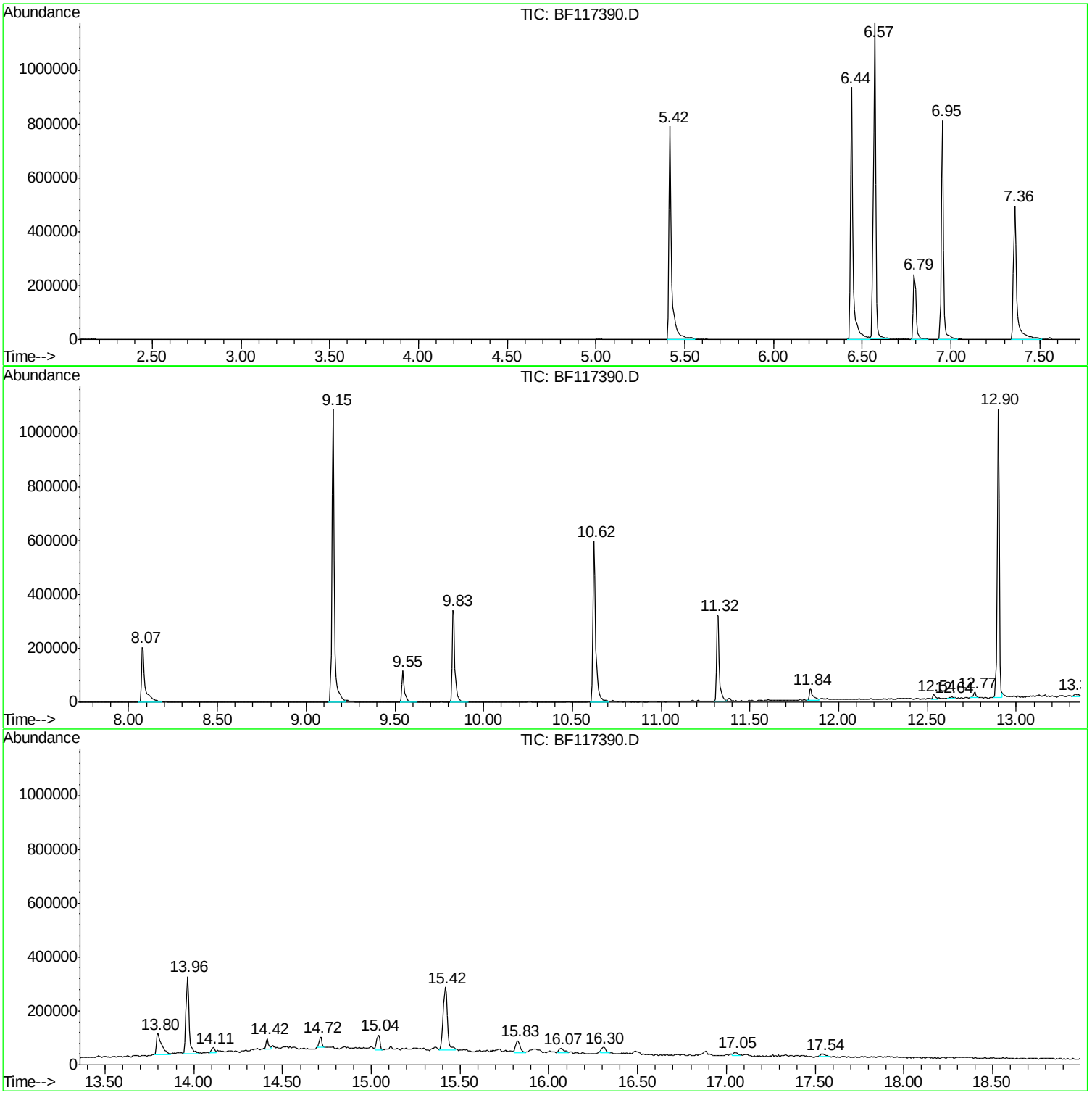
Sample : K5323-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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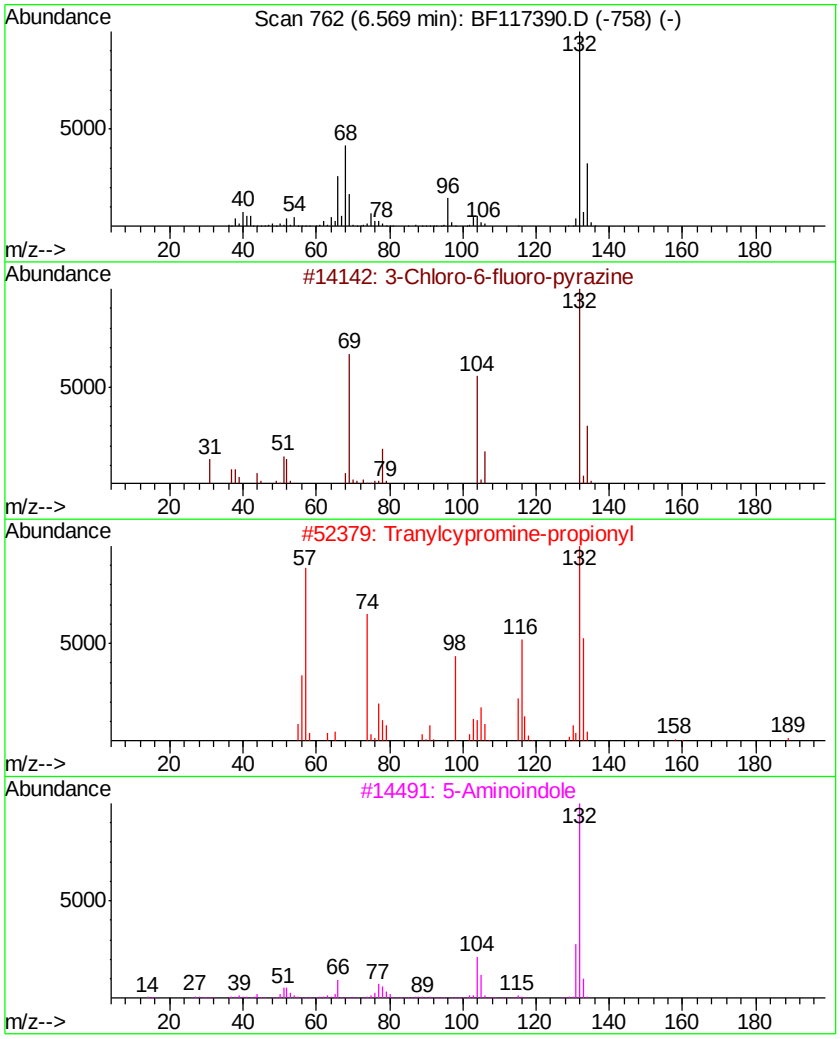
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

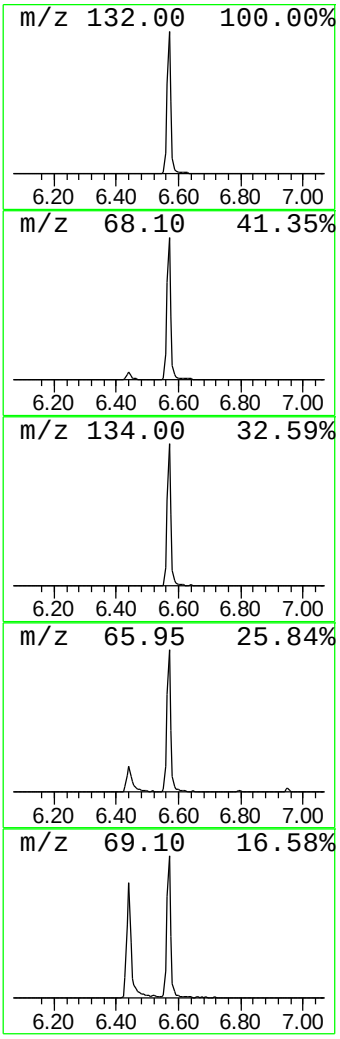
****

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	88.28 ng	1034130	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : K5323-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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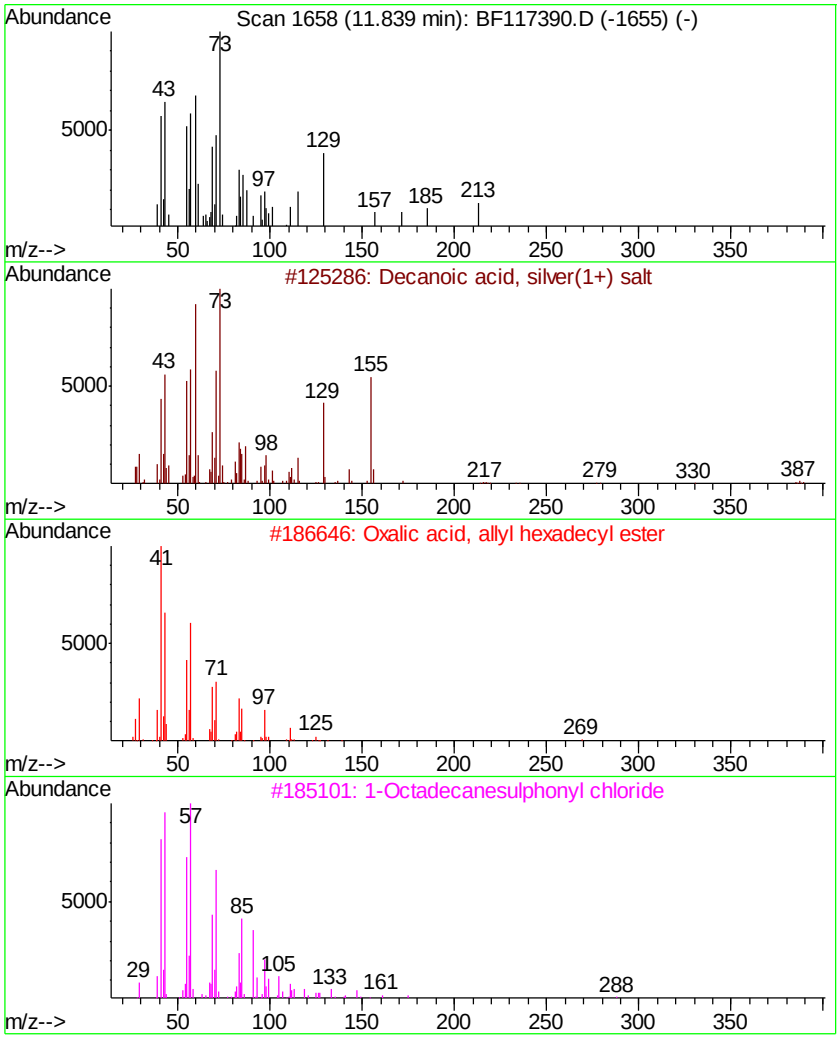
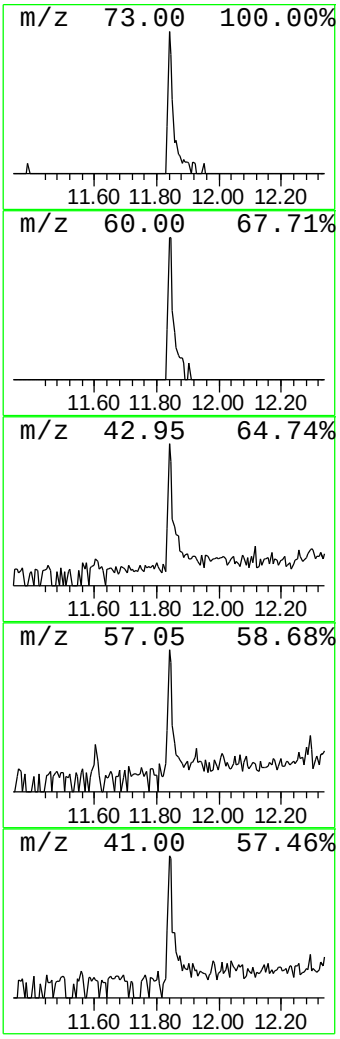
Peak Number 3 Decanoic acid, silver(1+) salt Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.00 ng	54973	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64
2	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	18
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	14
4	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	14
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	14





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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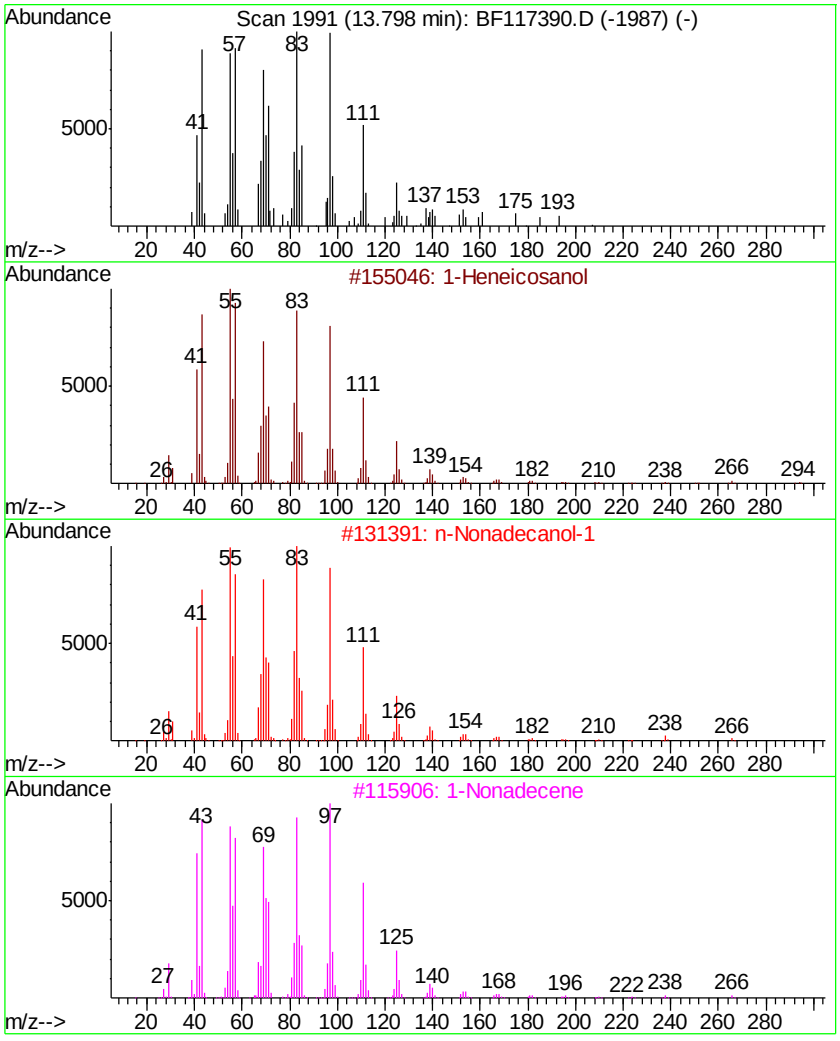
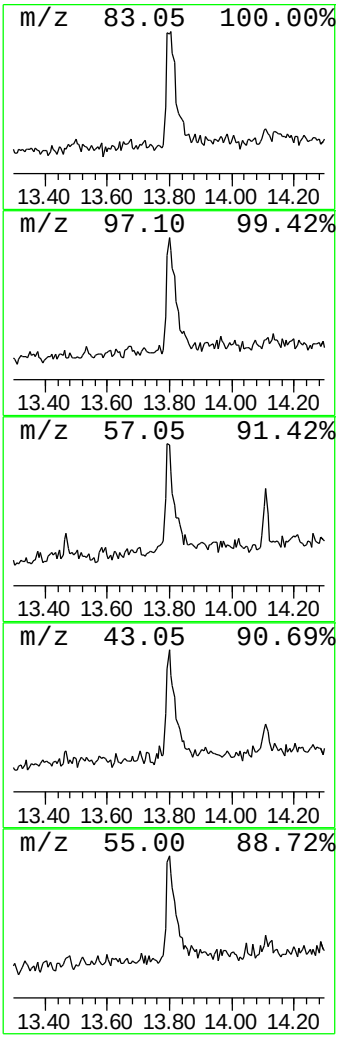
Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	10.60 ng	165564	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	90
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	86





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Data File : BF117390.D
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Operator : JU
Sample : K5323-03
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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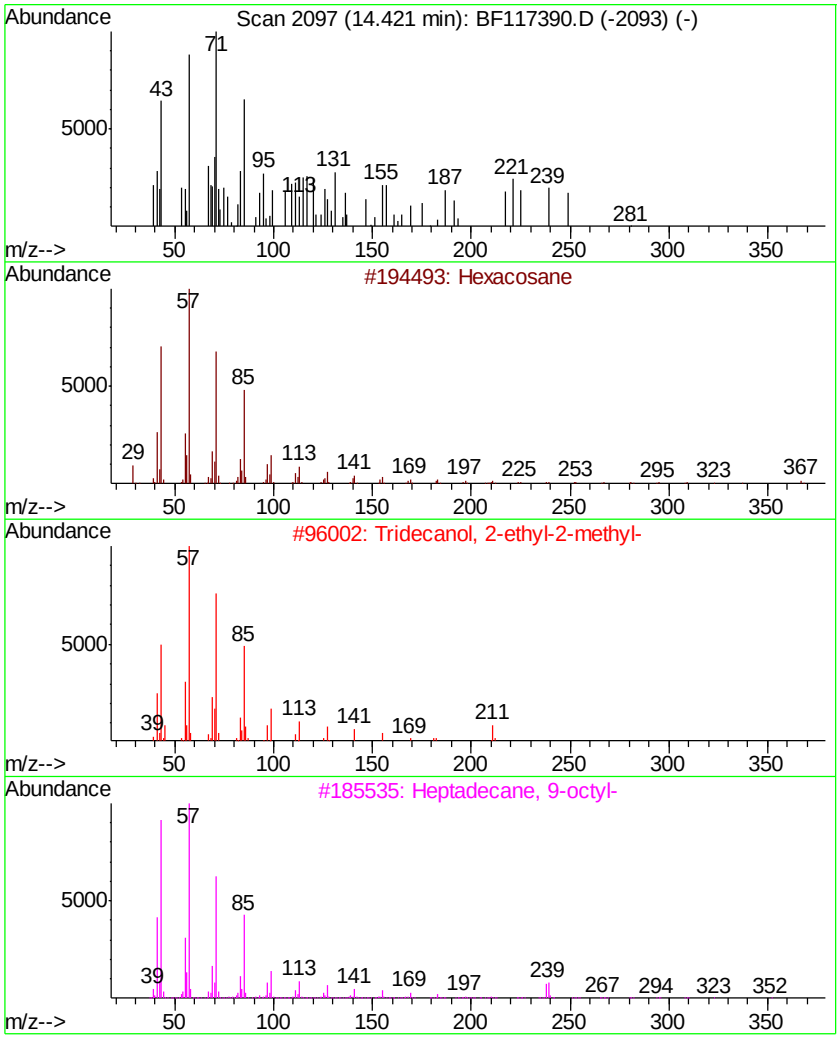
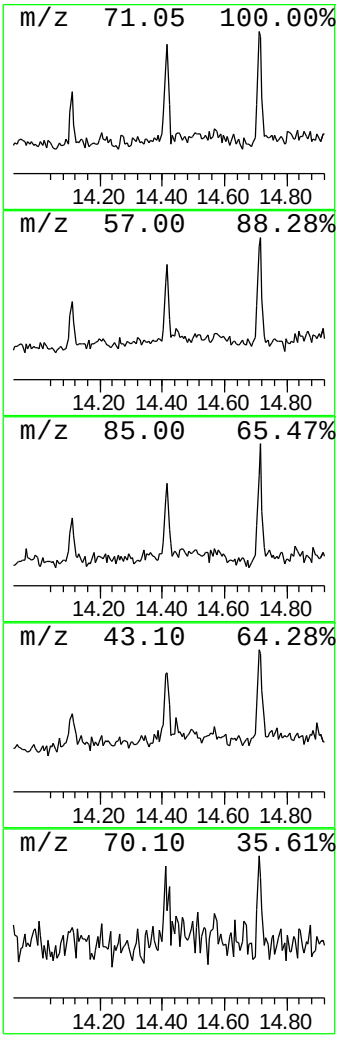
Peak Number 5 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.40 ng	37456	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	72
2	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	72
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
5	Nonadecane	268	C19H40	000629-92-5	64





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Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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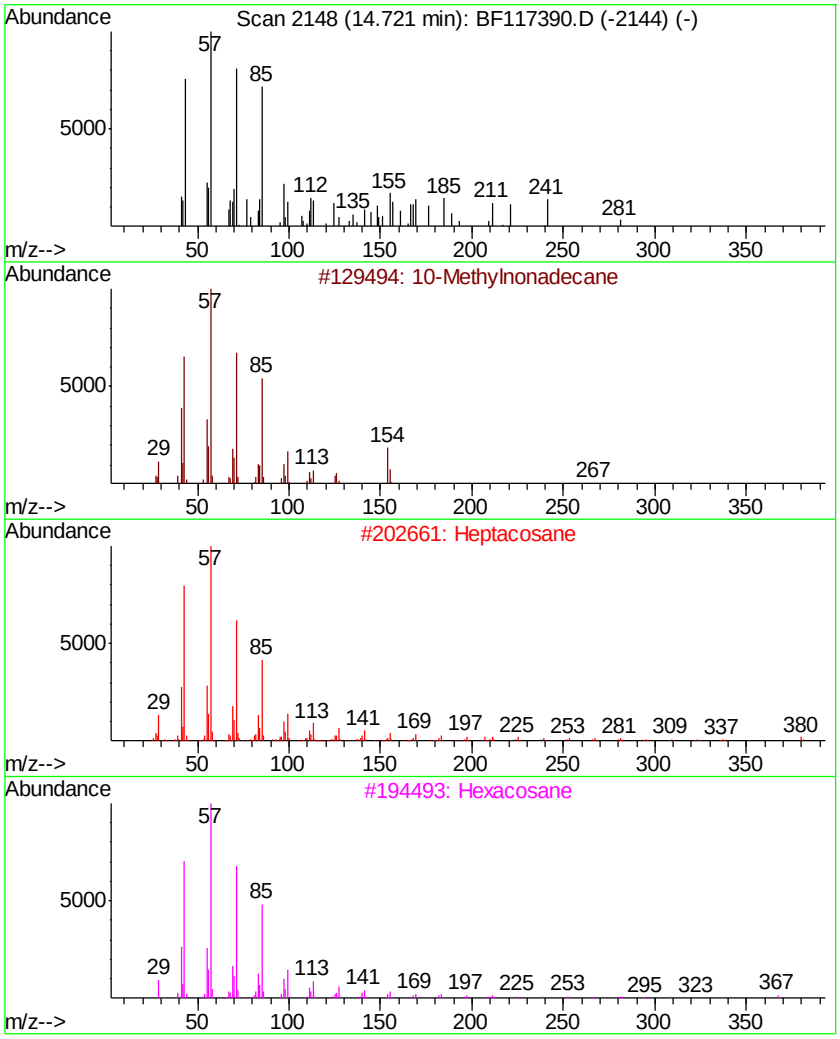
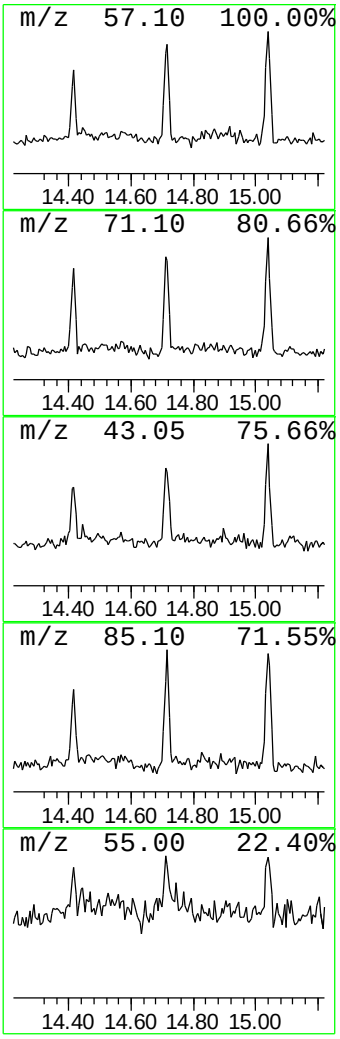
Peak Number 6 10-Methylnonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.05 ng	37863	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	Hexacosane	366	C26H54	000630-01-3	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Octadecane	254	C18H38	000593-45-3	80





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TIC Library : C:\DATABASE\NIST11.L
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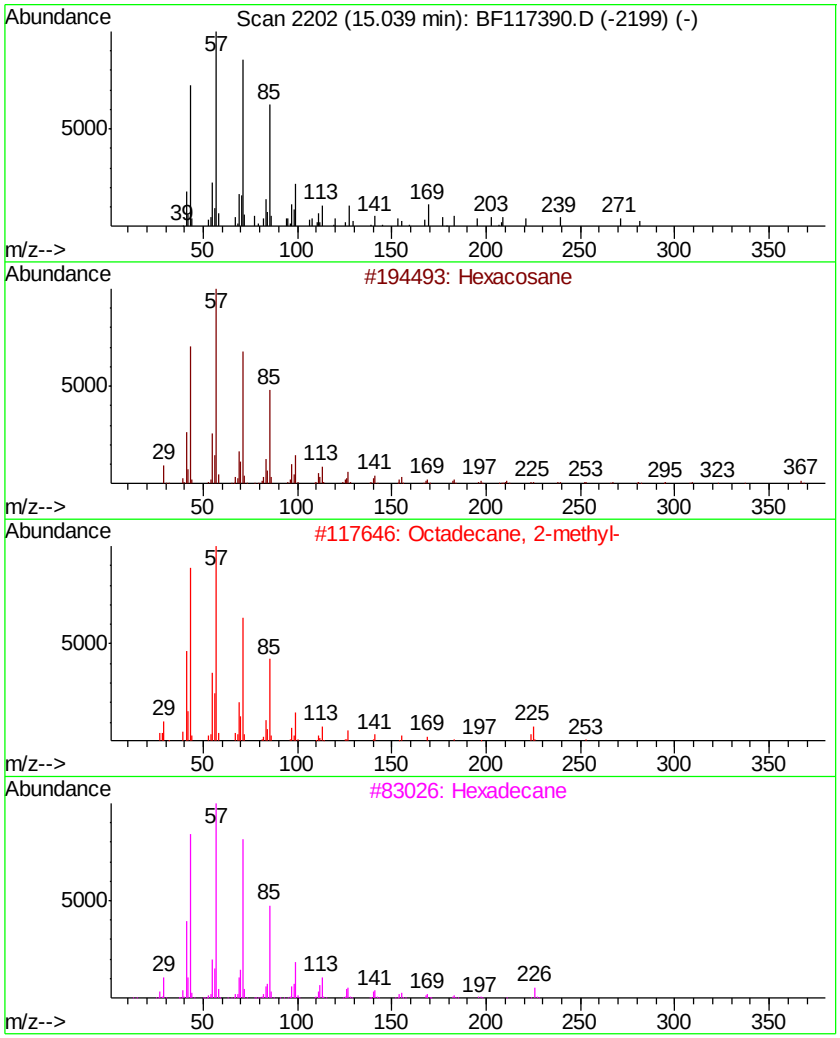
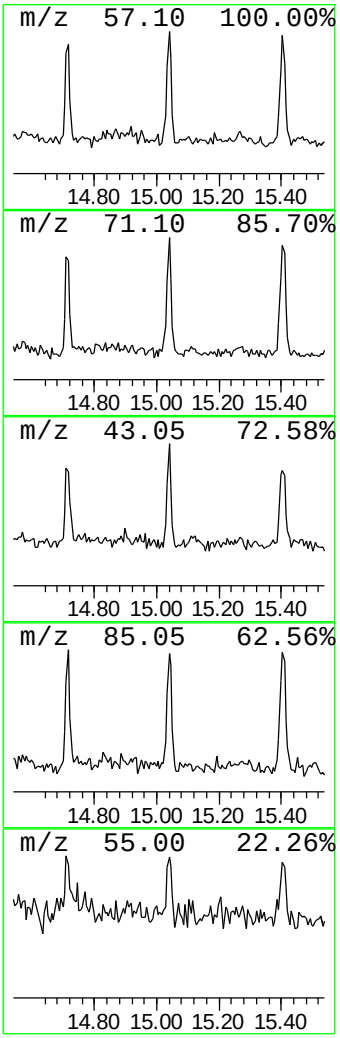
Peak Number 7 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	3.51 ng	64912	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	10-Methylnonadecane	282	C20H42	056862-62-5	80
5	Nonadecane	268	C19H40	000629-92-5	72





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

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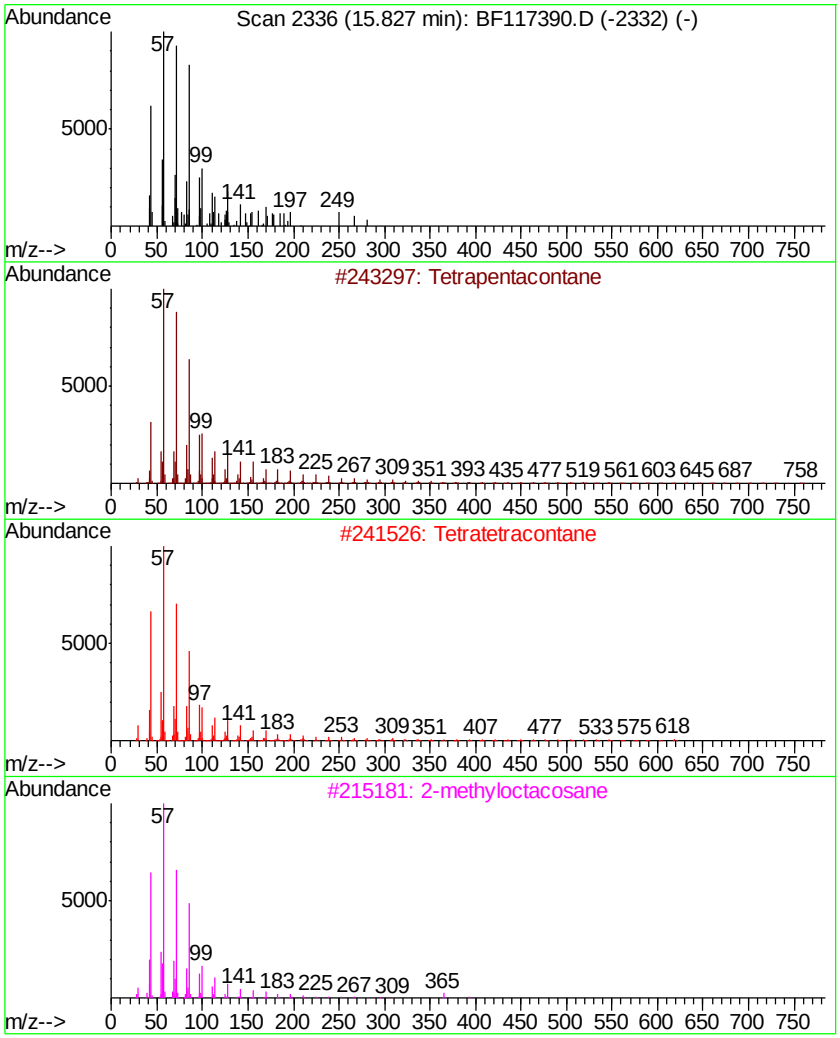
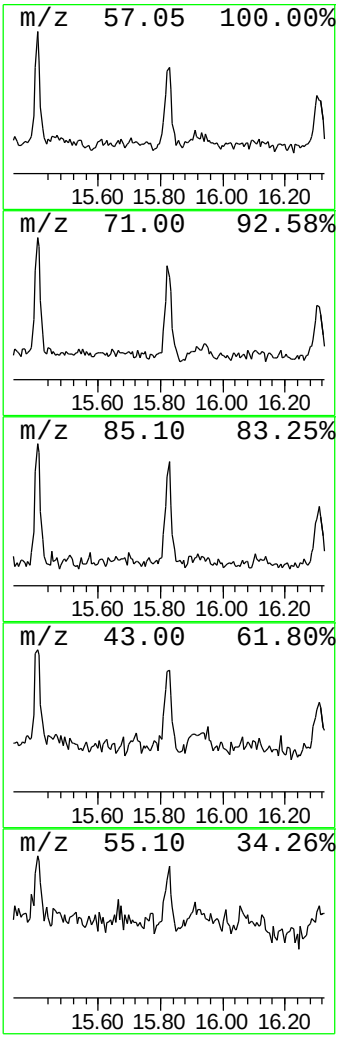
Peak Number 8 Tetrapentacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.83 ng	70706	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrapentacontane	759	C54H110	005856-66-6	86
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	2-methyloctacosane	408	C29H60	1000376-72-8	78
4	Heptadecane	240	C17H36	000629-78-7	72
5	Hentriacontane	437	C31H64	000630-04-6	64





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
unknown6.57	6.57	88.3	ng	1034130	1	6.79	234290	20.0
Decanoic acid, si...	11.84	3.0	ng	54973	4	11.32	366078	20.0
1-Heneicosanol	13.80	10.6	ng	165564	5	13.96	312305	20.0
Tridecanol, 2-eth...	14.42	2.4	ng	37456	5	13.96	312305	20.0
10-Methylnonadecane	14.72	2.0	ng	37863	6	15.42	369443	20.0
Hexacosane	15.04	3.5	ng	64912	6	15.42	369443	20.0
Tetrapentacontane	15.83	3.8	ng	70706	6	15.42	369443	20.0