LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097085.D
Acq On : 26 Jul 2017 19:53
Operator : SJ/JU
Sample : I4400-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB01A

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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	2.704	135	139	146	rBV	26020	70674	2.59%	0.307%
2	4.651	466	470	486	rVB	193846	320613	11.73%	1.391%
3	5.104	542	547	566	rBV	2299910	2535595	92.77%	10.999%
4	6.163	722	727	741	rBV	2339893	2733236	100.00%	11.856%
5	6.269	741	745	748	rBV	2768410	2619713	95.85%	11.364%
6	6.492	780	783	788	rBV	695492	608632	22.27%	2.640%
7	6.651	806	810	818	rBV	2108897	1914150	70.03%	8.303%
8	7.063	875	880	883	rBV	1715132	1658910	60.69%	7.196%
9	7.775	997	1001	1005	rBV	958022	872296	31.91%	3.784%
10	8.857	1180	1185	1188	rBV	2477807	2362571	86.44%	10.248%
11	9.257	1249	1253	1256	rBV	274315	231298	8.46%	1.003%
12	9.522	1294	1298	1302	rBV	988723	898938	32.89%	3.899%
13	9.945	1366	1370	1373	rBV2	26200	33739	1.23%	0.146%
14	9.980	1373	1376	1379	rVB	60113	48096	1.76%	0.209%
15	10.198	1407	1413	1415	rBV2	22045	29599	1.08%	0.128%
16	10.310	1428	1432	1444	rVB	1567168	1551438	56.76%	6.730%
17	10.451	1449	1456	1464	rBV	71277	88572	3.24%	0.384%
18	10.998	1545	1549	1555	rVB	982111	836263	30.60%	3.628%
19	11.551	1640	1643	1653	rBV2	84563	96706	3.54%	0.419%
20	12.586	1814	1819	1822	rBV	2174072	2133296	78.05%	9.254%
21	13.492	1969	1973	1979	rBV	145679	162747	5.95%	0.706%
22	13.621	1991	1995	2002	rVB	758759	681114	24.92%	2.955%
23	14.127	2076	2081	2085	rBV2	22630	29545	1.08%	0.128%
24	14.974	2220	2225	2230	rBV	419867	476508	17.43%	2.067%
25	15.427	2298	2302	2306	rVB6	15991	28635	1.05%	0.124%
26	17.892	2716	2721	2723	rBV6	15801	30365	1.11%	0.132%

Sum of corrected areas: 23053249

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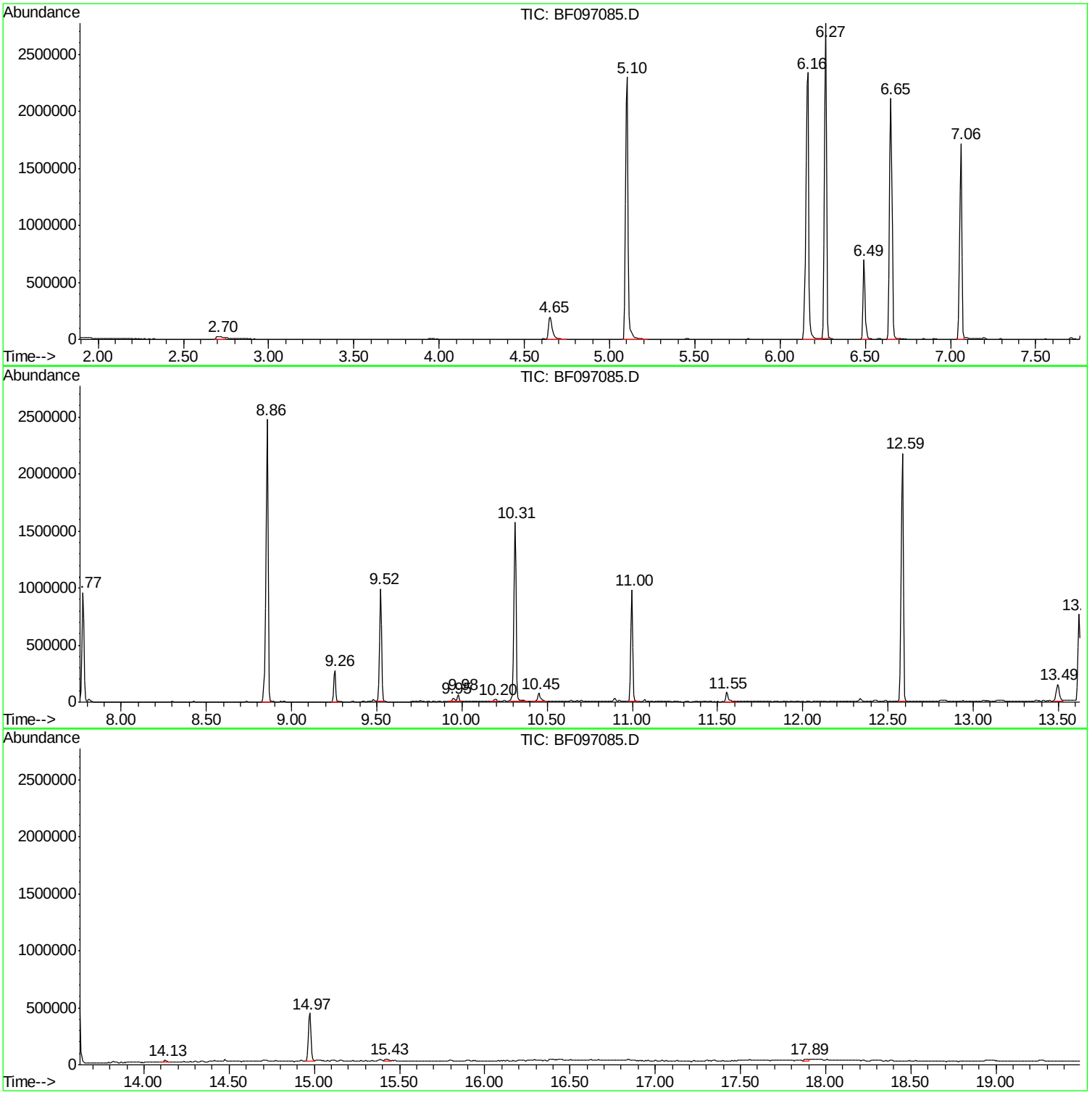
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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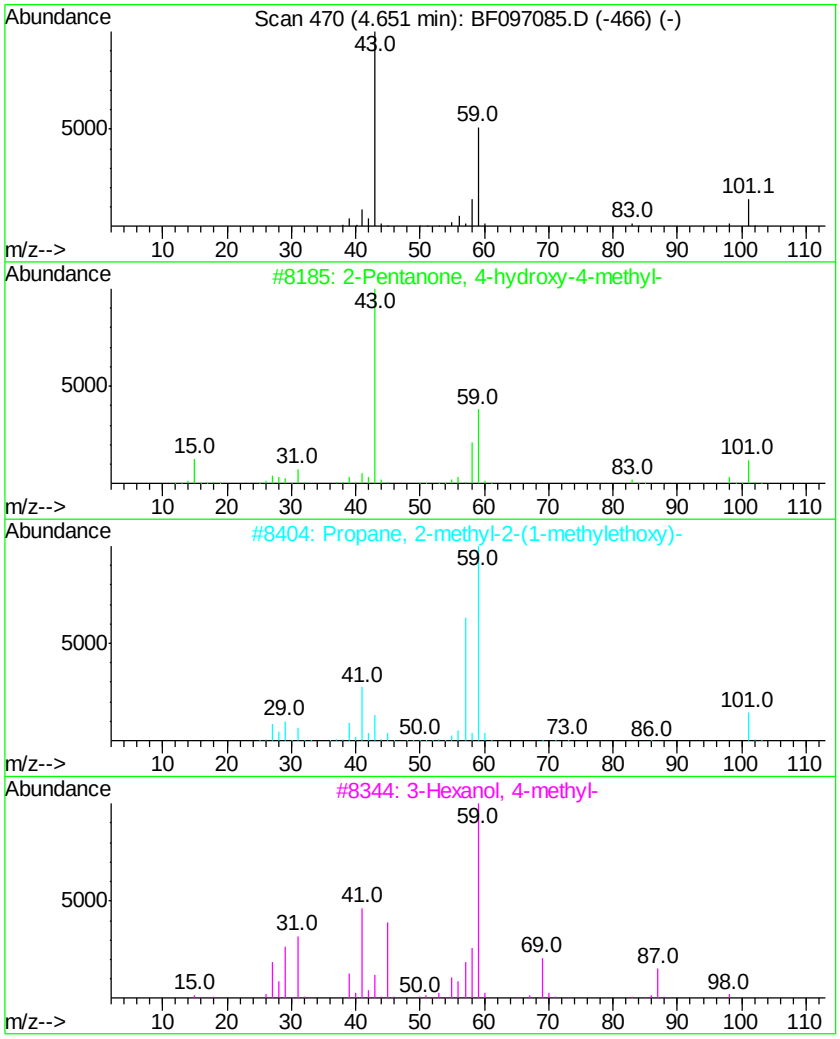
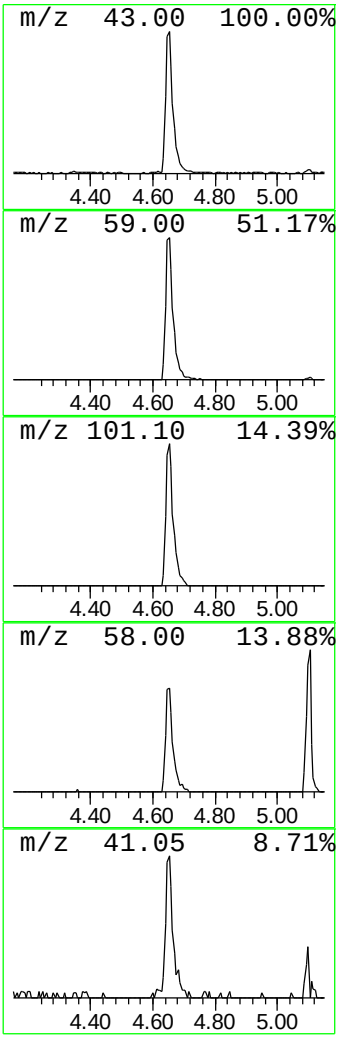
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	10.54 ng	320613	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





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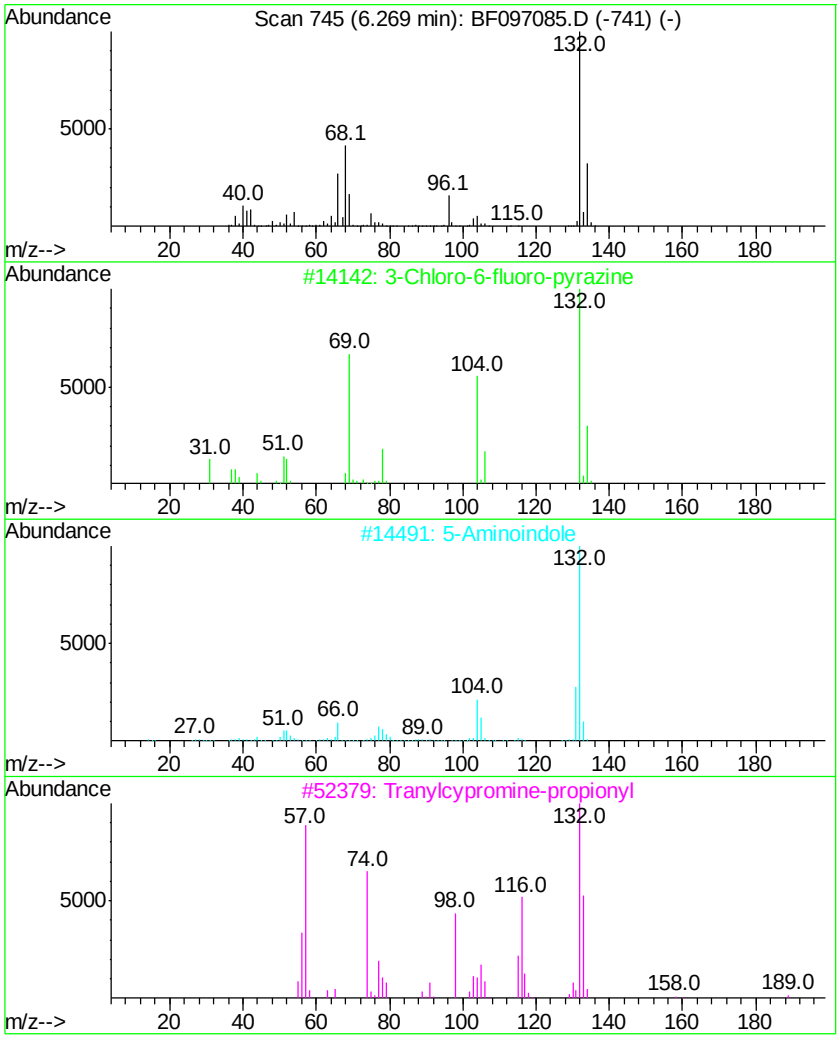
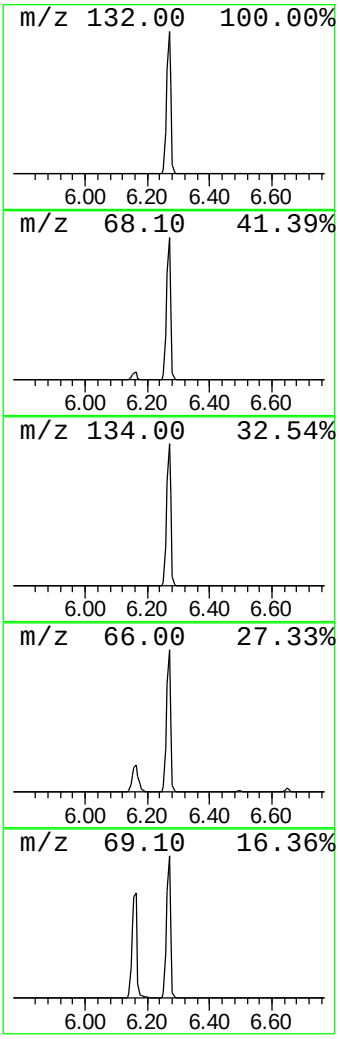
Peak Number 3 unknown6.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	86.09 ng	2619710	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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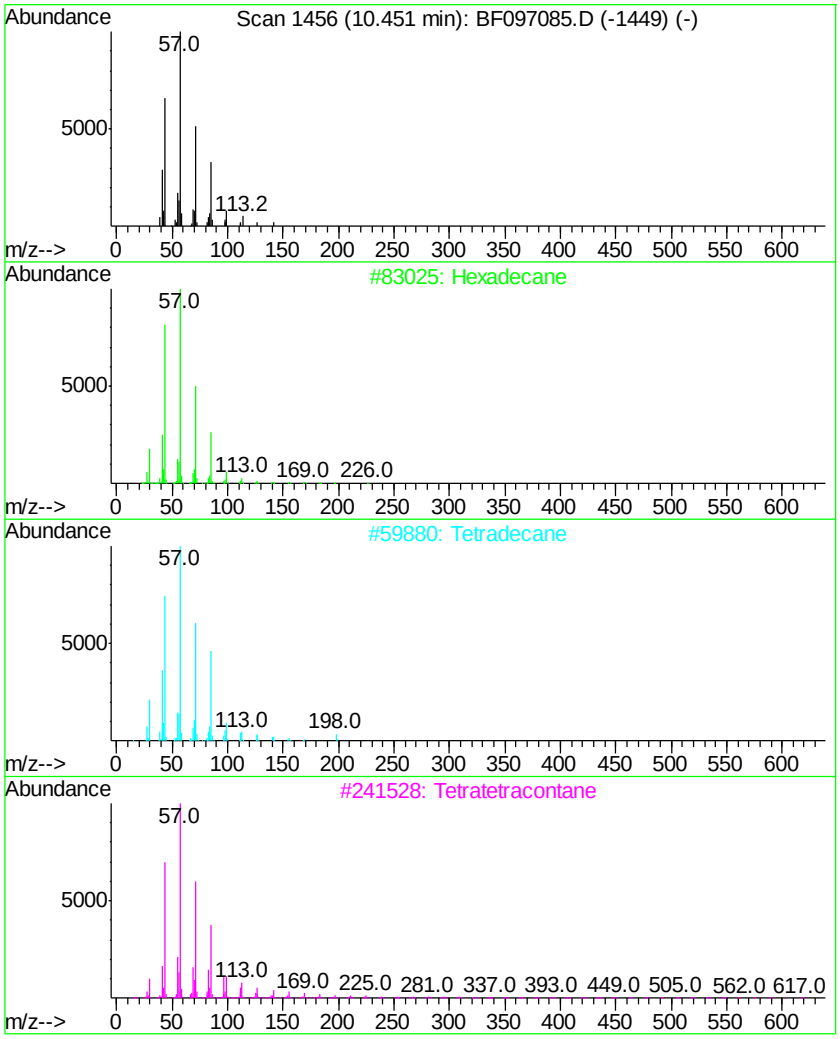
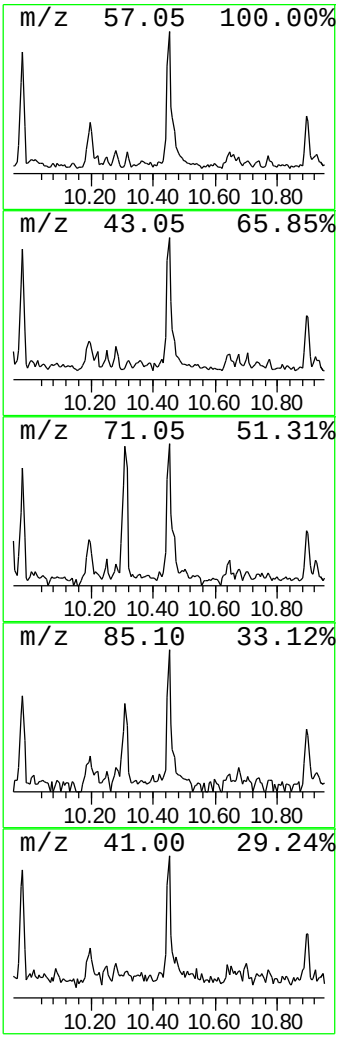
Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	2.12 ng	88572	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	83
3	Tetratetracontane	619	C44H90	007098-22-8	78
4	Eicosane	282	C20H42	000112-95-8	72
5	Pentadecane	212	C15H32	000629-62-9	64





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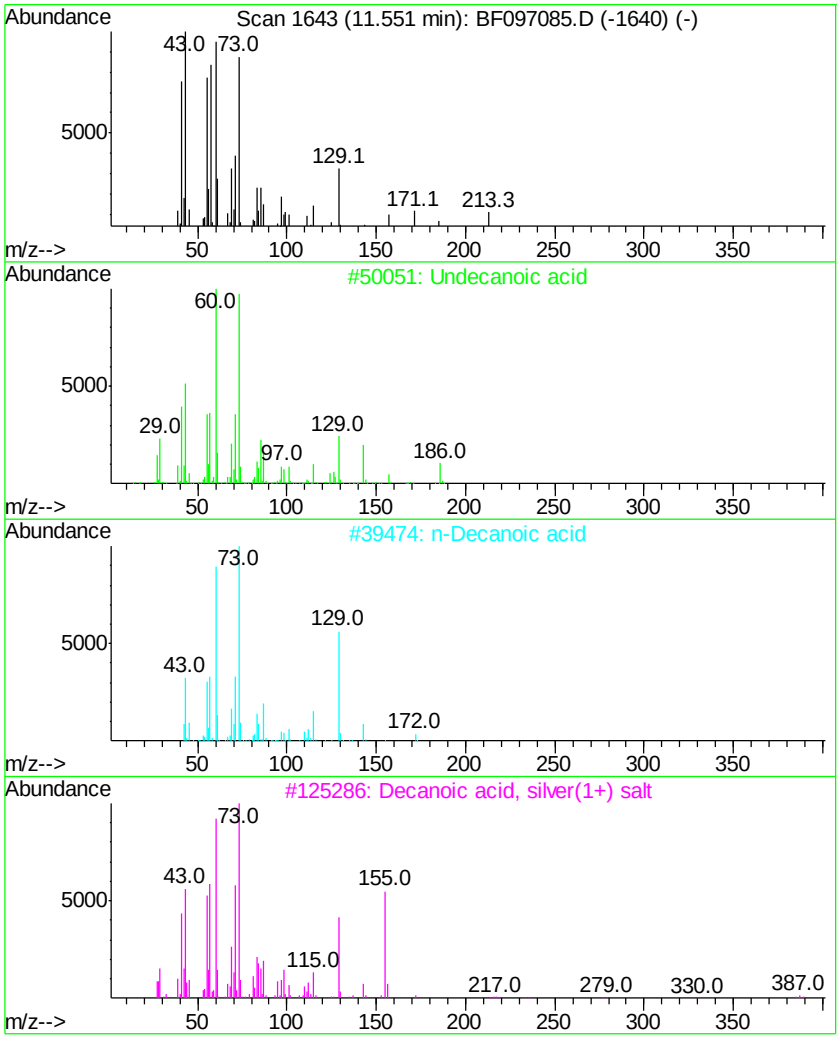
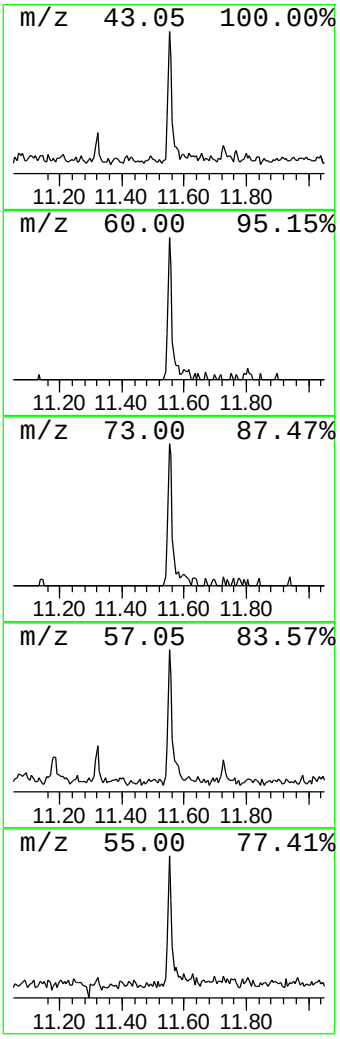
Peak Number 6 Undecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.31 ng	96706	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	72
2	n-Decanoic acid	172	C10H20O2	000334-48-5	53
3	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47
4	Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	22
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	14





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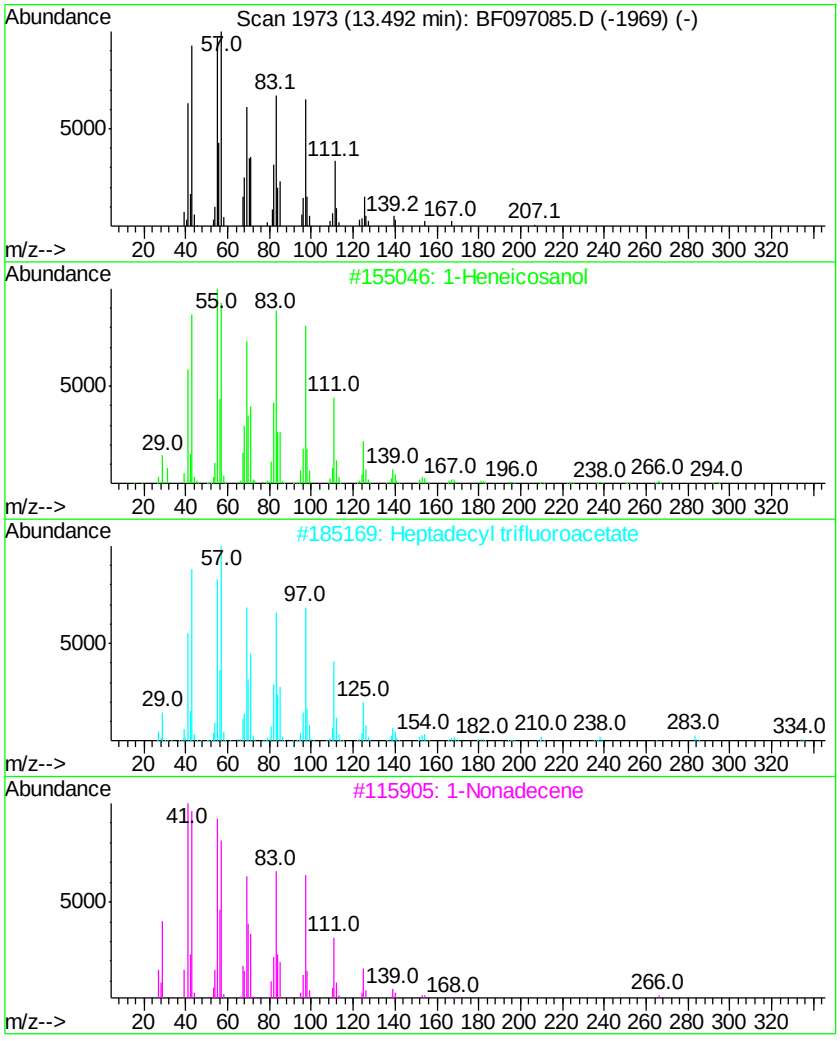
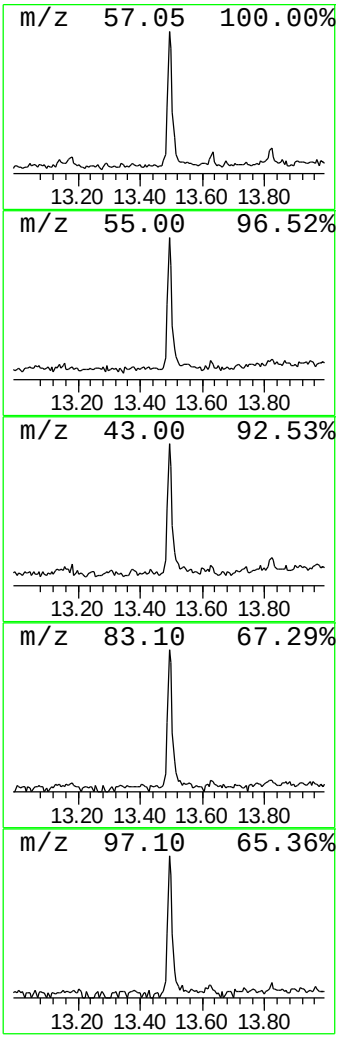
Peak Number 7 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	4.78 ng	162747	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.65	10.5	ng	320613	1	6.49	608632	20.0
unknown6.27	6.27	86.1	ng	2619710	1	6.49	608632	20.0
Hexadecane	10.45	2.1	ng	88572	4	11.00	836263	20.0
Undecanoic acid	11.55	2.3	ng	96706	4	11.00	836263	20.0
1-Heneicosanol	13.49	4.8	ng	162747	5	13.62	681114	20.0