LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
Data File : BF087194.D
Acq On : 19 May 2016 18:38
Operator : UM/SJ
Sample : H3143-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 6-I-76(0-2)

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:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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	1.713	9	11	41	rVB	2410372	6129466	100.00%	13.543%
2	3.198	137	141	148	rBV	48399	102891	1.68%	0.227%
3	4.696	270	272	287	rBV	269225	528504	8.62%	1.168%
4	5.153	310	312	334	rBV	3480867	3985058	65.01%	8.805%
5	6.239	404	407	409	rBV	4058246	4645733	75.79%	10.265%
6	6.342	413	416	418	rBV	4101953	4418755	72.09%	9.763%
7	6.559	433	435	442	rVB	663386	990022	16.15%	2.187%
8	6.719	447	449	452	rBV	3229013	2999533	48.94%	6.627%
9	7.142	484	486	498	rBV	2739916	2856810	46.61%	6.312%
10	7.850	546	548	551	rBV	1402817	1316251	21.47%	2.908%
11	8.936	640	643	645	rBV	4674910	4662989	76.07%	10.303%
12	9.336	676	678	680	rBV	438151	394909	6.44%	0.873%
13	9.542	694	696	698	rBV	80000	105158	1.72%	0.232%
14	9.599	698	701	704	rBV	1676193	1495773	24.40%	3.305%
15	10.045	738	740	742	rBV	201837	162872	2.66%	0.360%
16	10.262	756	759	762	rBV	59079	100525	1.64%	0.222%
17	10.388	768	770	773	rBV	2582268	2703974	44.11%	5.974%
18	10.514	779	781	788	rVB	190948	229360	3.74%	0.507%
19	11.074	828	830	833	rBV	1458142	1365952	22.29%	3.018%
20	12.662	966	969	971	rBV	3978237	3862830	63.02%	8.535%
21	13.577	1047	1049	1057	rBV	54525	174322	2.84%	0.385%
22	13.702	1057	1060	1062	rBV	1135372	1054553	17.20%	2.330%
23	14.537	1131	1133	1135	rBV	56446	69017	1.13%	0.152%
24	15.051	1175	1178	1187	rBV	776160	904665	14.76%	1.999%

Sum of corrected areas: 45259922

LSC Report - Integrated Chromatogram

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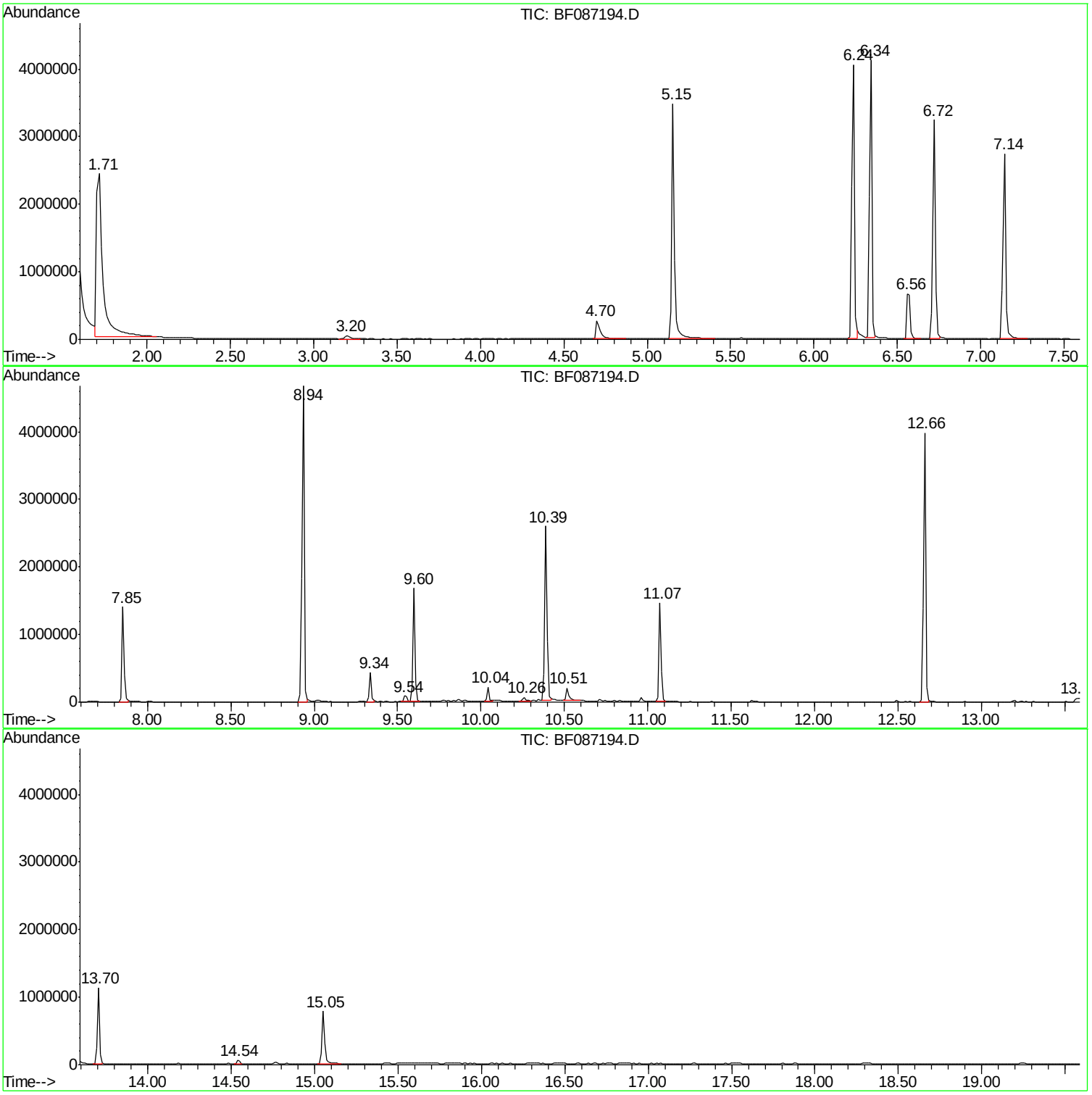
Instrument :
BNA_F
ClientSampleId :
6-I-76(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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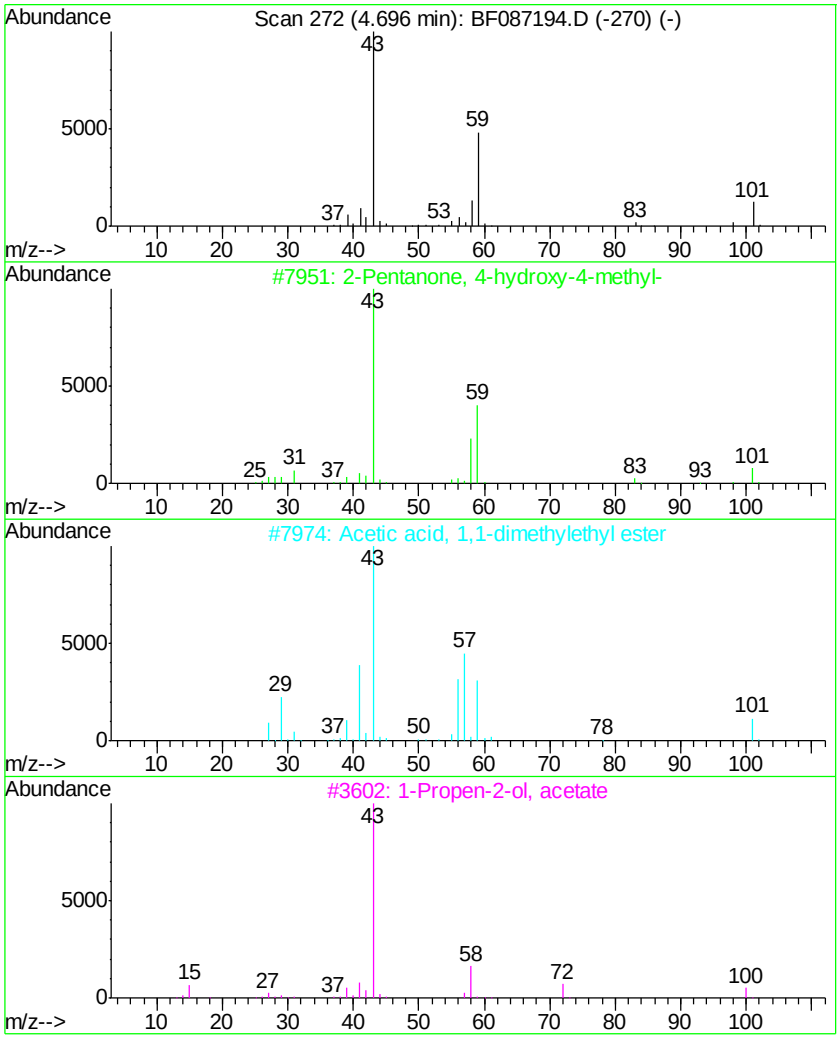
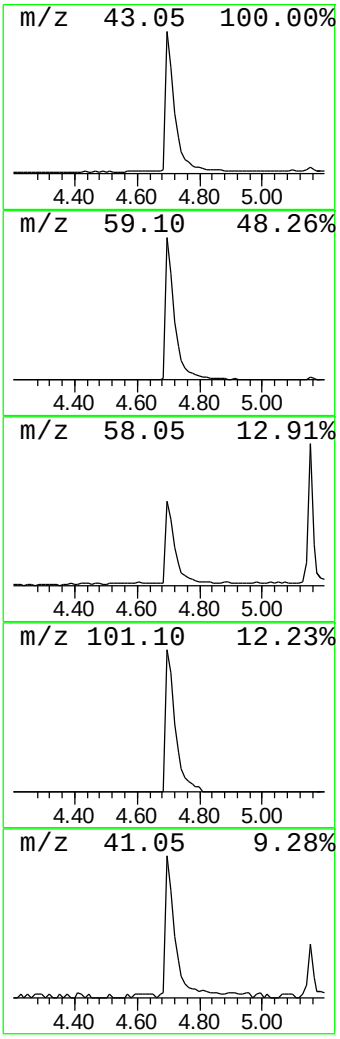
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	10.68 ng	528504	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane	58	C4H10	000106-97-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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ClientSampleId : 6-I-76(0-2)

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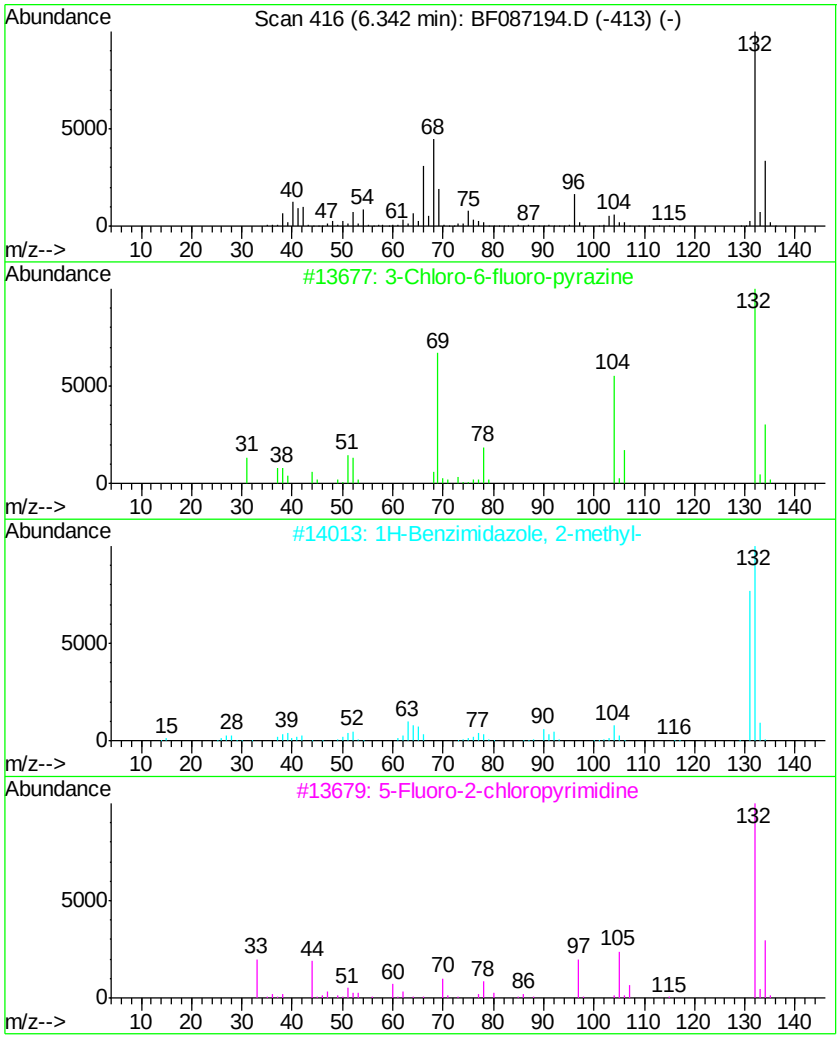
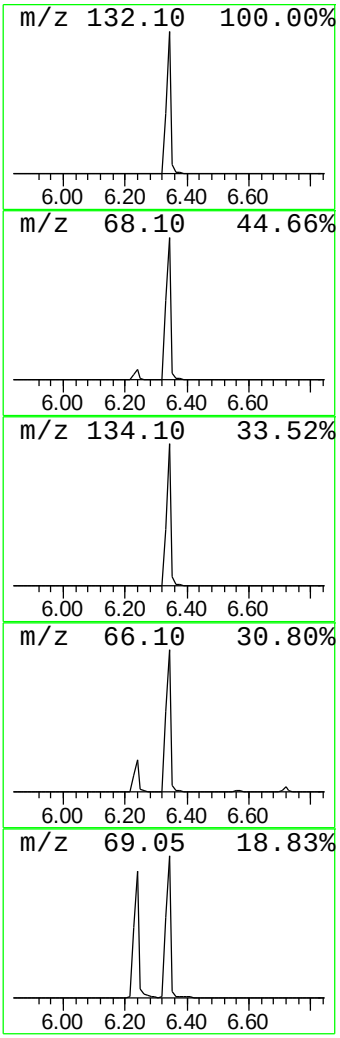
Peak Number 4 unknown6.34 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	89.27 ng	4418760	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Instrument : BNA_F
ClientSampleId : 6-I-76(0-2)

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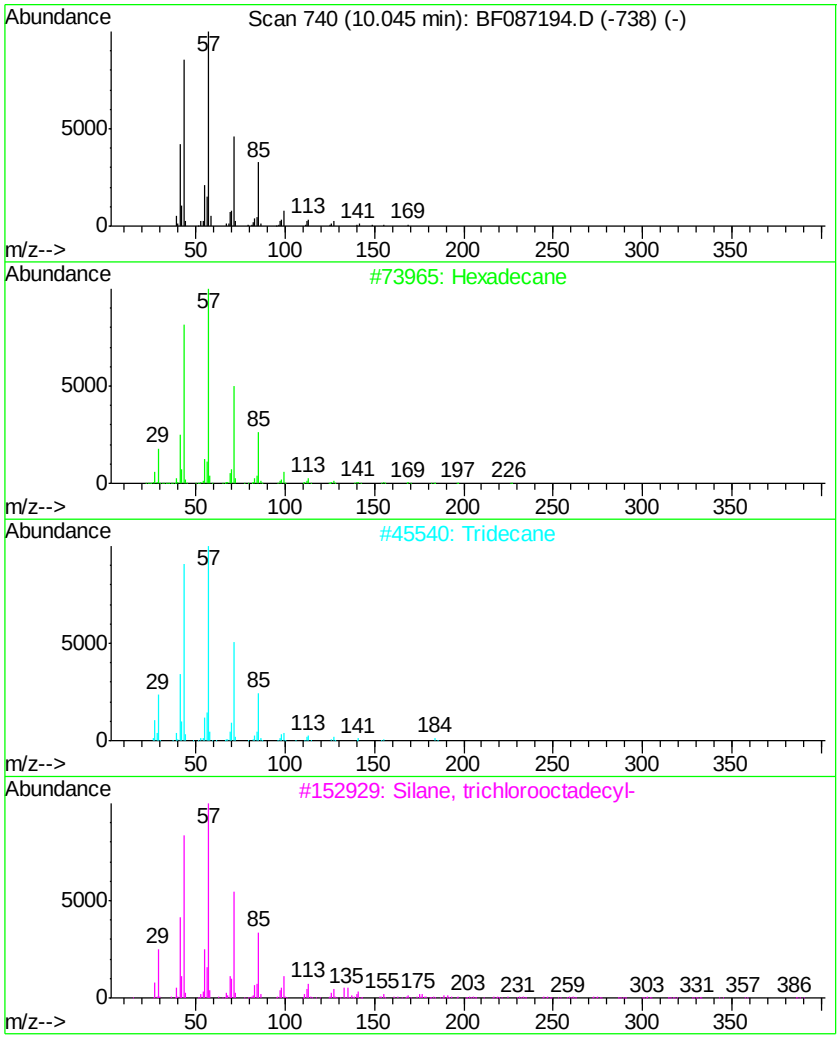
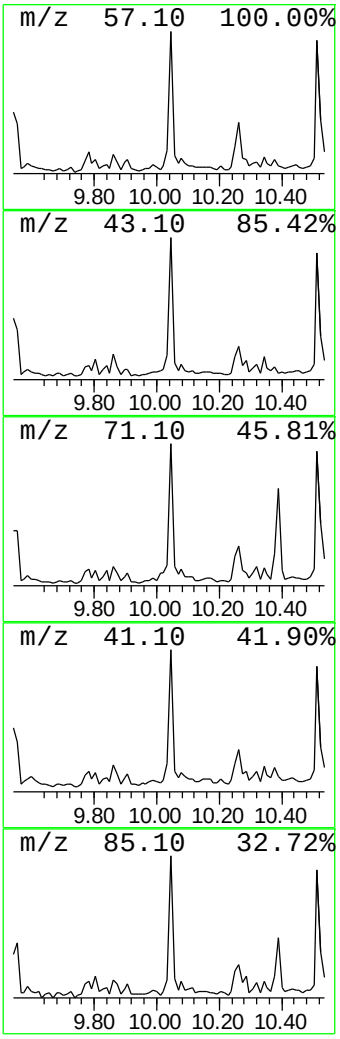
Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	2.18 ng	162872	Acenaphthene-d10	9.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4	Pentadecane	212	C15H32	000629-62-9	86
5	Octadecane	254	C18H38	000593-45-3	80





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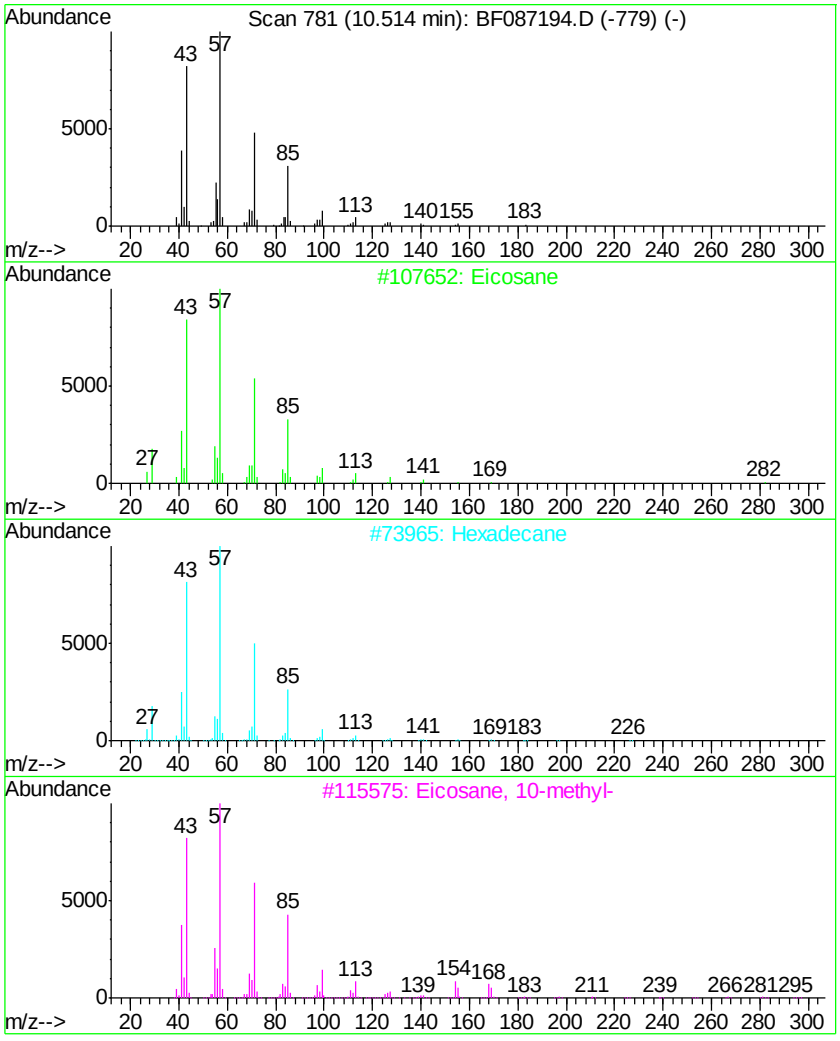
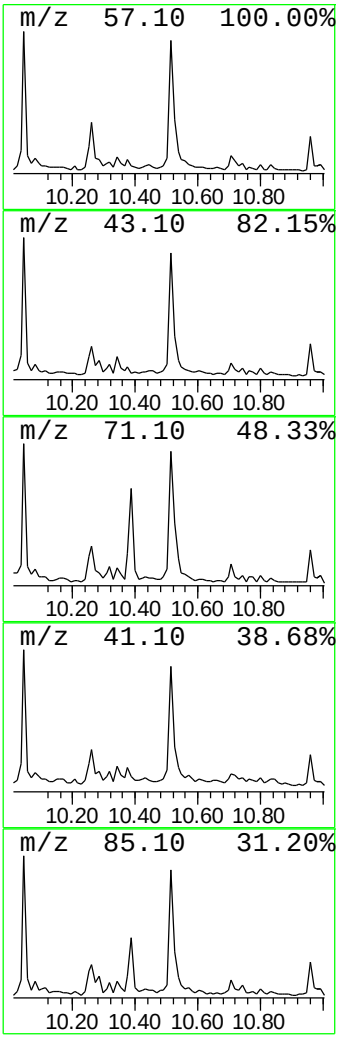
Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	3.36 ng	229360	Phenanthrene-d10	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
5	Tridecane	184	C13H28	000629-50-5	86





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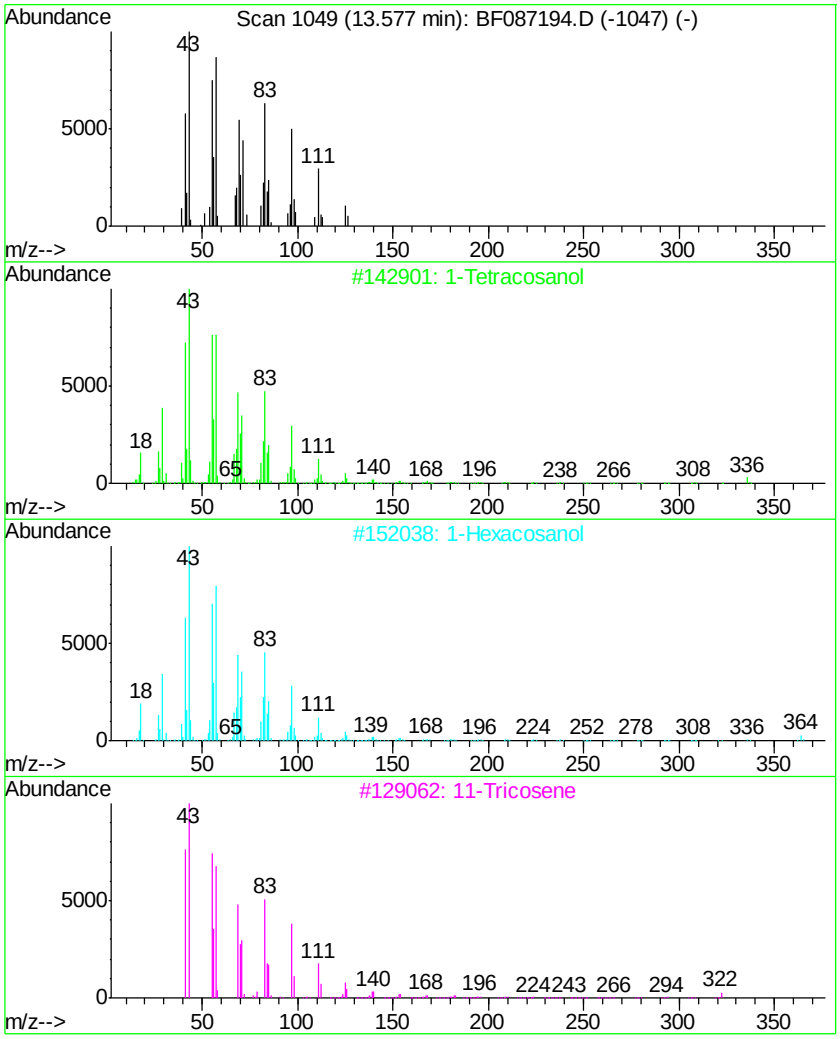
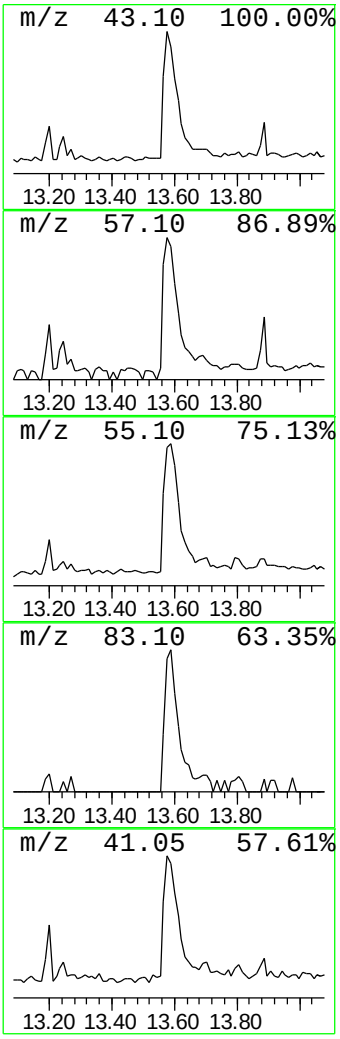
Peak Number 8 1-Tetracosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	3.31 ng	174322	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosanol	354	C24H50O	000506-51-4	87
2	1-Hexacosanol	382	C26H54O	000506-52-5	87
3	11-Tricosene	322	C23H46	052078-56-5	58
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	58
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	52





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...	4.70	10.7	ng	528504	1	6.57	990022	20.0
unknown6.34	6.34	89.3	ng	4418760	1	6.57	990022	20.0
Hexadecane	10.04	2.2	ng	162872	3	9.60	1495770	20.0
Eicosane	10.51	3.4	ng	229360	4	11.07	1365950	20.0
1-Tetracosanol	13.58	3.3	ng	174322	5	13.70	1054550	20.0