LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
Data File : BF088460.D
Acq On : 27 Jun 2016 19:27
Operator : UM/SJ
Sample : H3747-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C8-B4(0-4.5)C

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-BF060716.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	1.690	6	9	59	rVB	1129023	3499749	100.00%	22.629%
2	4.673	267	270	284	rBV	29365	74341	2.12%	0.481%
3	5.119	307	309	340	rBV6	903163	1262802	36.08%	8.165%
4	6.204	402	404	411	rBV	1032415	1126328	32.18%	7.283%
5	6.307	411	413	432	rVB	1298052	1327337	37.93%	8.582%
6	6.536	432	433	445	rBV	286735	353618	10.10%	2.286%
7	6.696	445	447	449	rBV	755544	1018881	29.11%	6.588%
8	7.119	482	484	501	rBV	530683	783014	22.37%	5.063%
9	7.827	544	546	559	rBV	415740	450586	12.87%	2.913%
10	8.902	638	640	643	rBV	1419273	1410200	40.29%	9.118%
11	9.313	674	676	678	rBV	49831	52939	1.51%	0.342%
12	9.576	697	699	701	rBV	327822	475550	13.59%	3.075%
13	10.365	765	768	777	rBV	508747	712682	20.36%	4.608%
14	11.051	826	828	830	rBV	383243	420008	12.00%	2.716%
15	12.262	932	934	939	rBV	63788	84819	2.42%	0.548%
16	12.479	949	953	957	rBV	77422	115061	3.29%	0.744%
17	12.628	964	966	969	rBV	1030764	1029985	29.43%	6.660%
18	13.554	1044	1047	1055	rBV3	19927	52027	1.49%	0.336%
19	13.679	1055	1058	1065	rBV2	272898	417977	11.94%	2.703%
20	14.571	1134	1136	1140	rVB	35760	43301	1.24%	0.280%
21	14.685	1144	1146	1149	rBV	39995	89281	2.55%	0.577%
22	14.777	1152	1154	1159	rBV2	27856	59795	1.71%	0.387%
23	14.994	1170	1173	1174	rVV	32016	43730	1.25%	0.283%
24	15.028	1174	1176	1187	rVB	248766	397518	11.36%	2.570%
25	15.394	1206	1208	1212	rBV	32425	46746	1.34%	0.302%
26	16.285	1281	1286	1290	rBV2	18804	56564	1.62%	0.366%
27	16.663	1316	1319	1327	rBV	18110	60851	1.74%	0.393%

Sum of corrected areas: 15465690

LSC Report - Integrated Chromatogram

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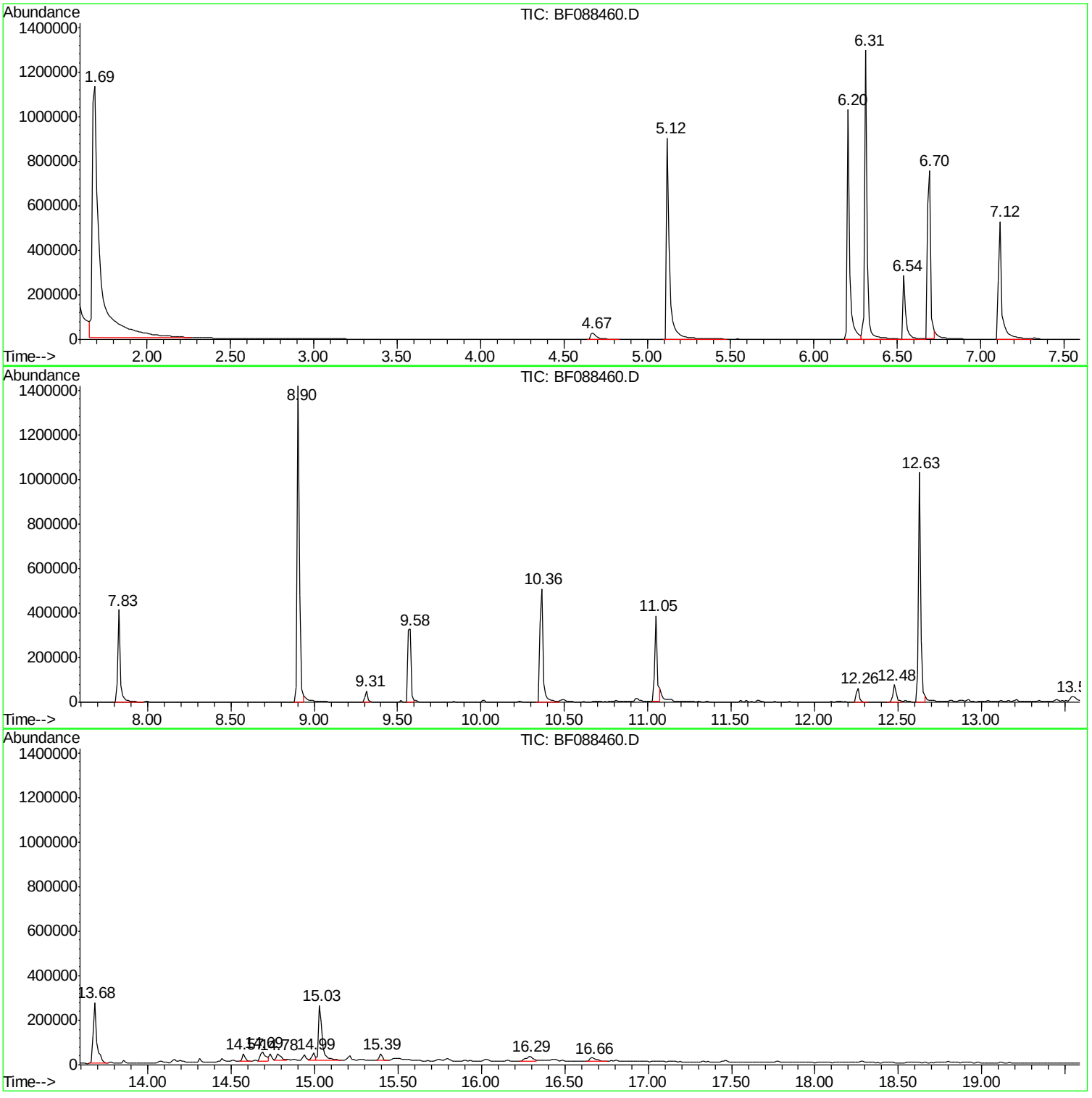
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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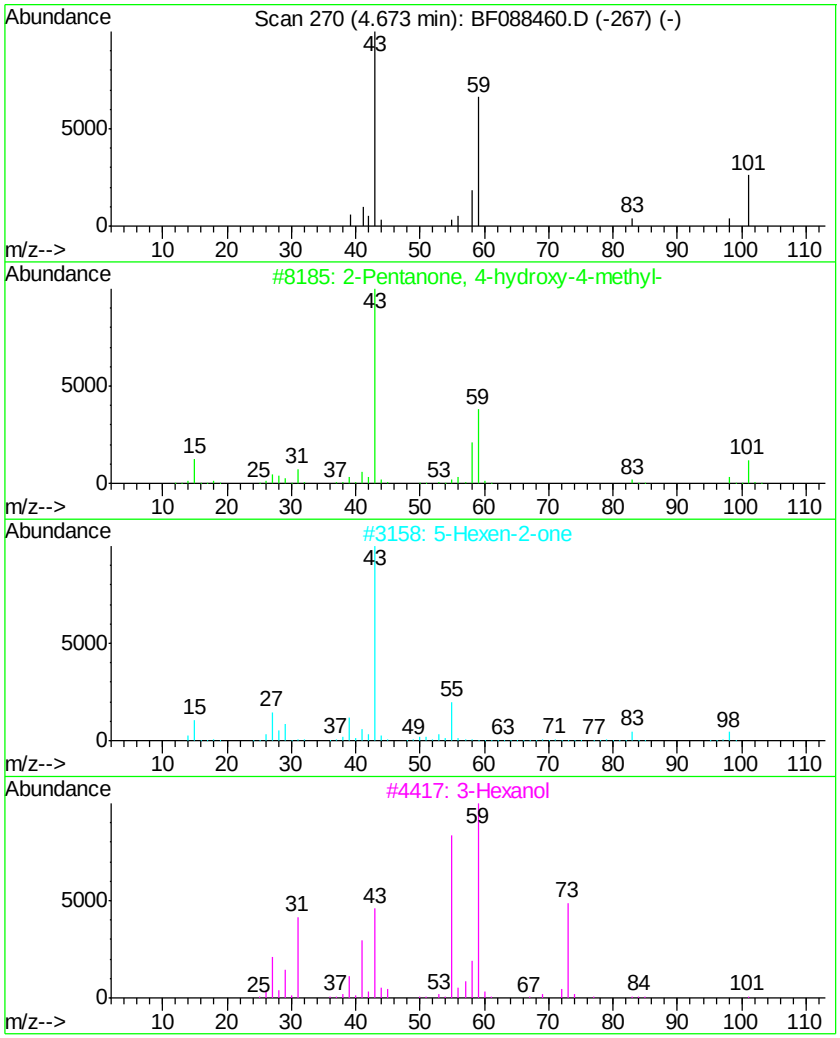
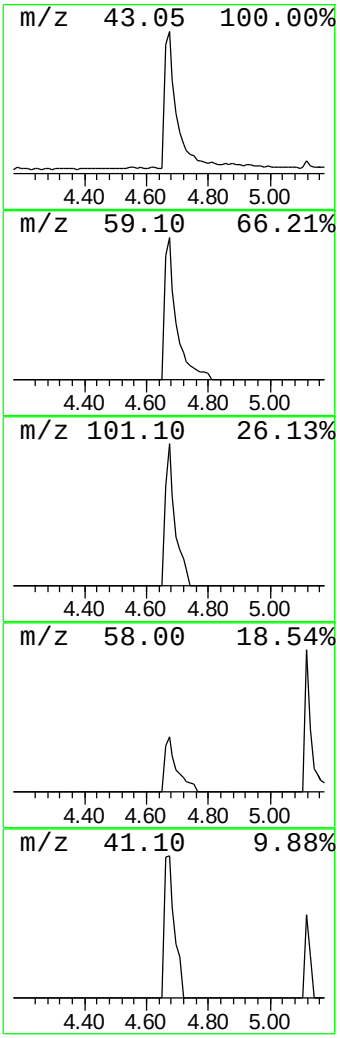
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	4.20 ng	74341	1,4-Dichlorobenzene-d4	6.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	3-Hexanol	102	C6H14O	000623-37-0	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Acetone	58	C3H6O	000067-64-1	7





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Instrument : BNA_F
ClientSampleId : C8-B4(0-4.5)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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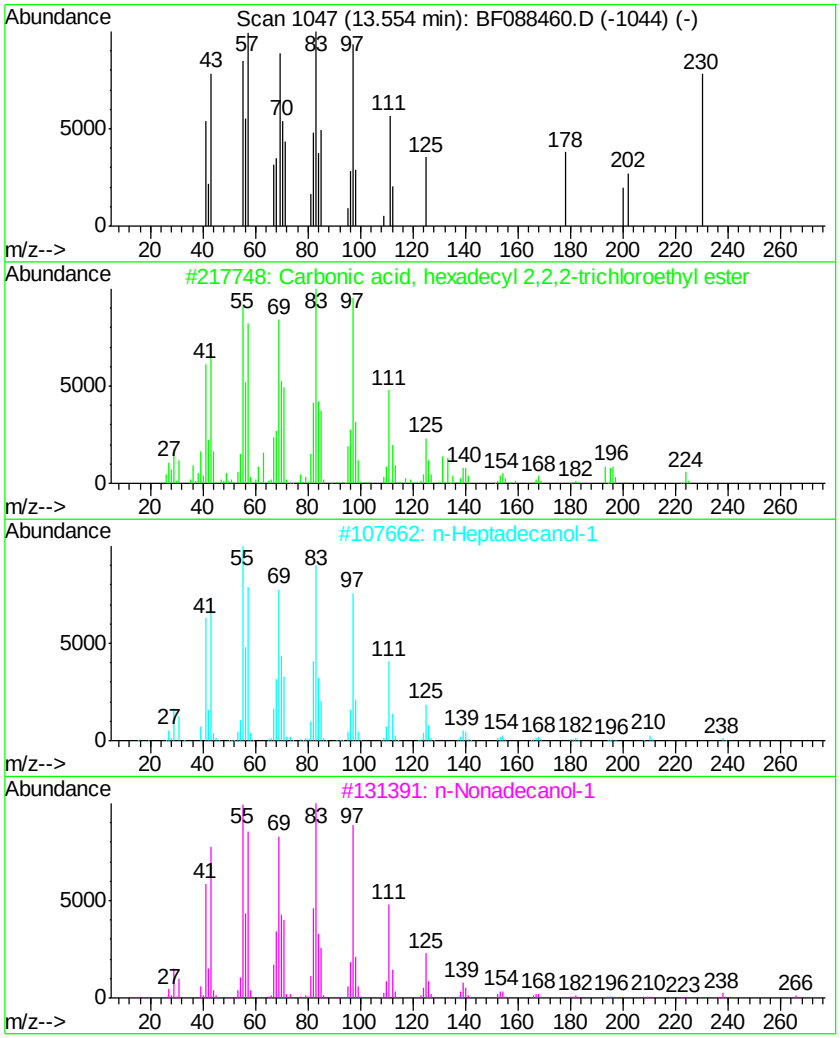
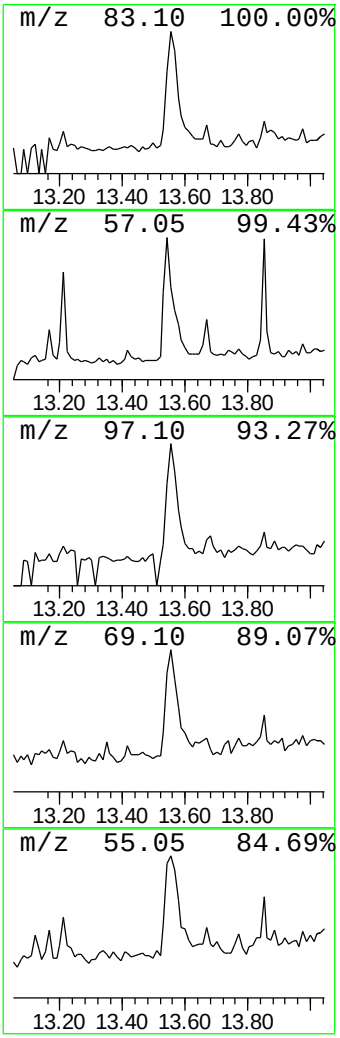
Peak Number 5 Carbonic acid, hexadecyl 2,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.49 ng	52027	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	70
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	64
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	64
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64
5	1-Heptacosanol	396	C27H56O	002004-39-9	62





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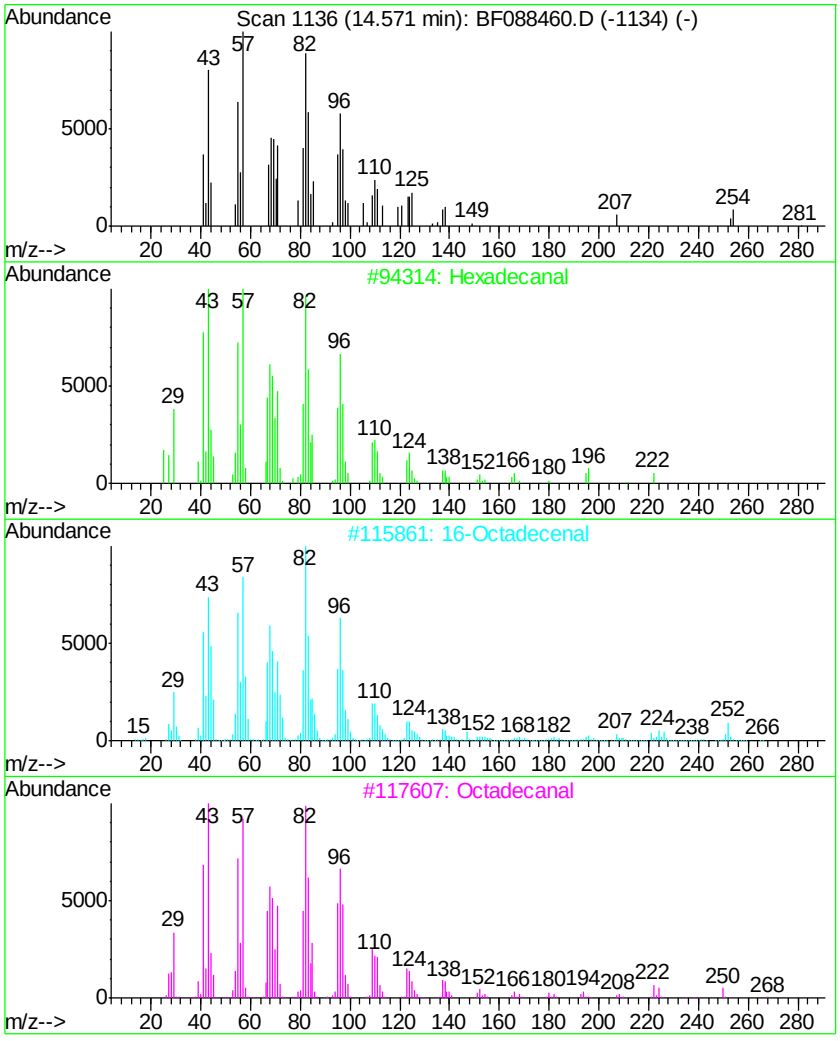
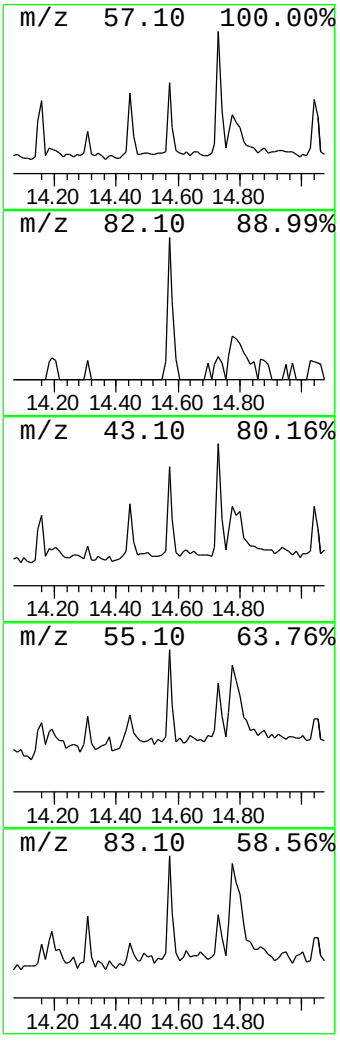
Peak Number 6 Hexadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	2.18 ng	43301	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanal	240	C16H32O	000629-80-1	94
2	16-Octadecenal	266	C18H34O	056554-87-1	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	17-Octadecenal	266	C18H34O	056554-86-0	91
5	15-Octadecenal	266	C18H34O	056554-93-9	83





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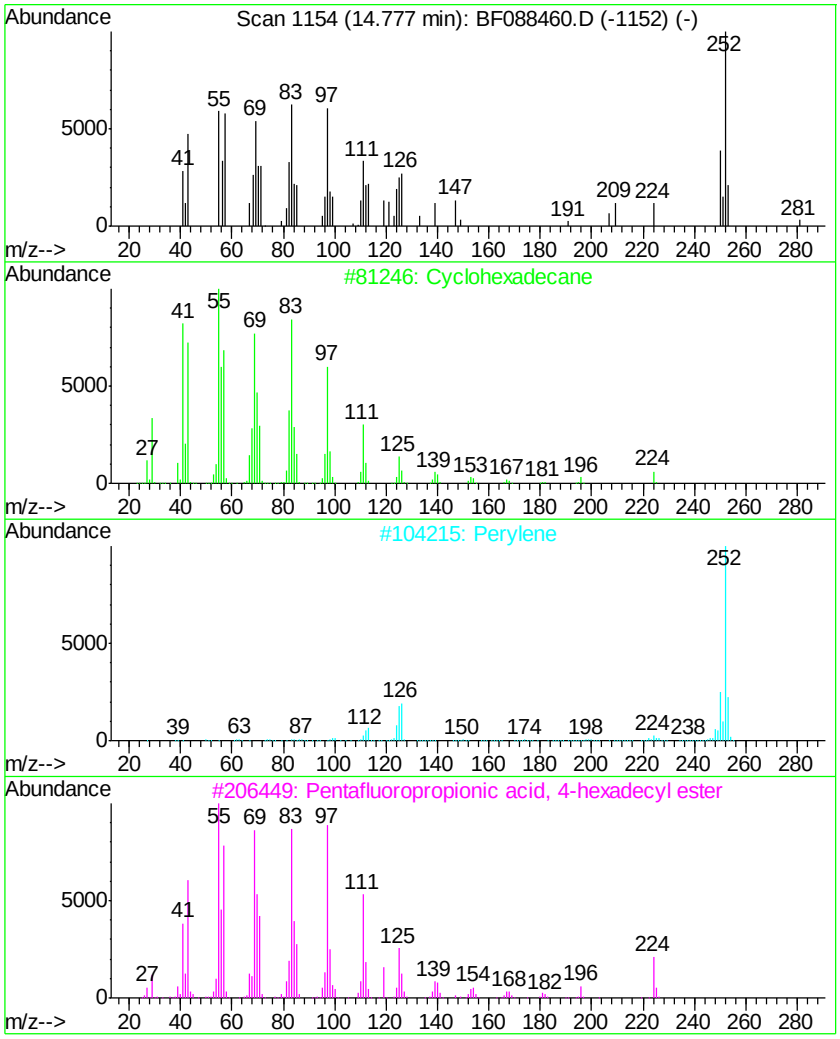
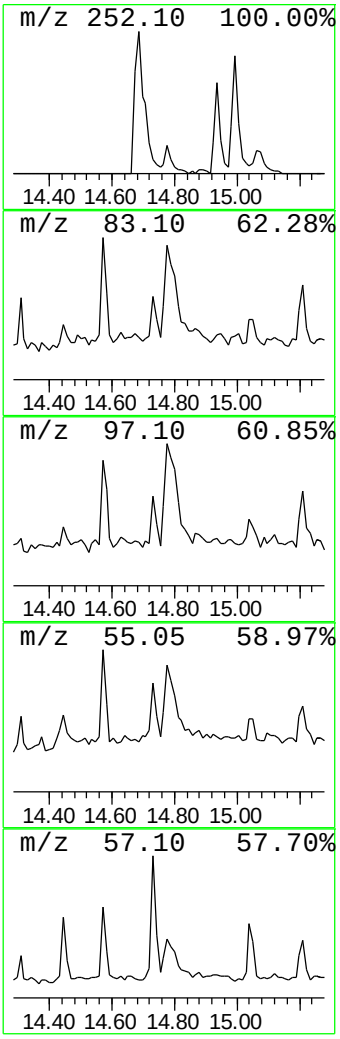
Peak Number 7 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	3.01 ng	59795	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	59
2	Perylene	252	C20H12	000198-55-0	58
3	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	25
4	1-Octadecanol	270	C18H38O	000112-92-5	25
5	1-Nonadecene	266	C19H38	018435-45-5	25





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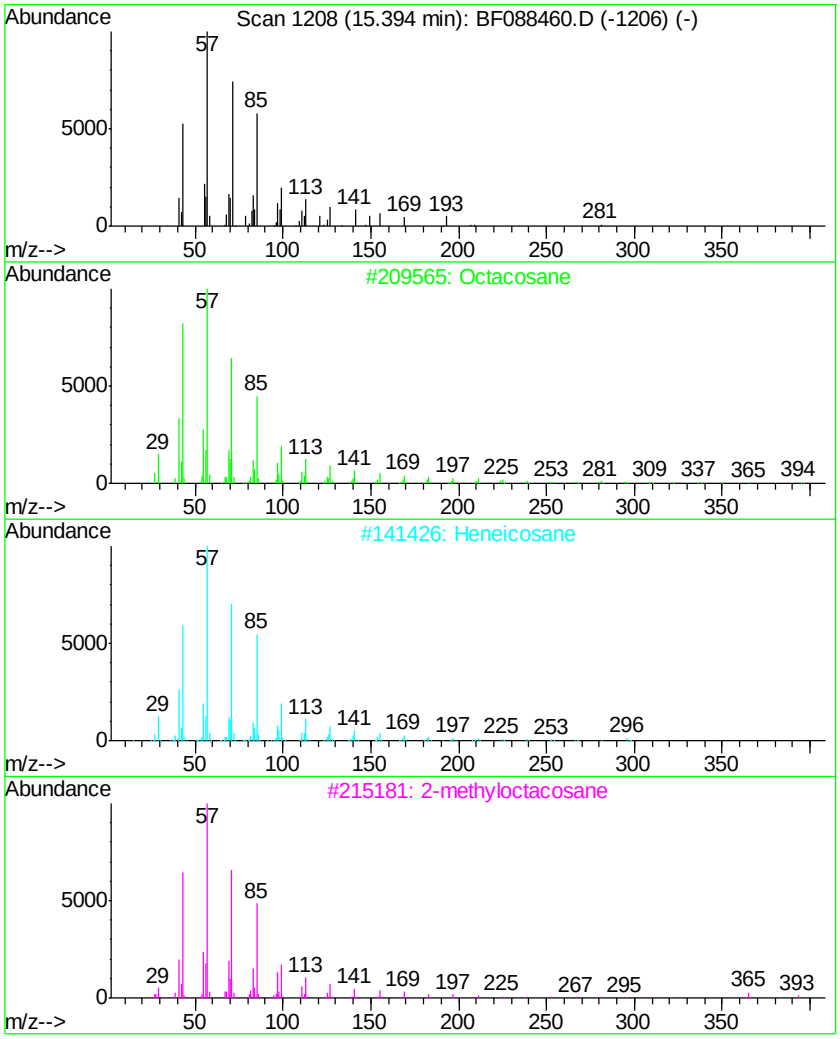
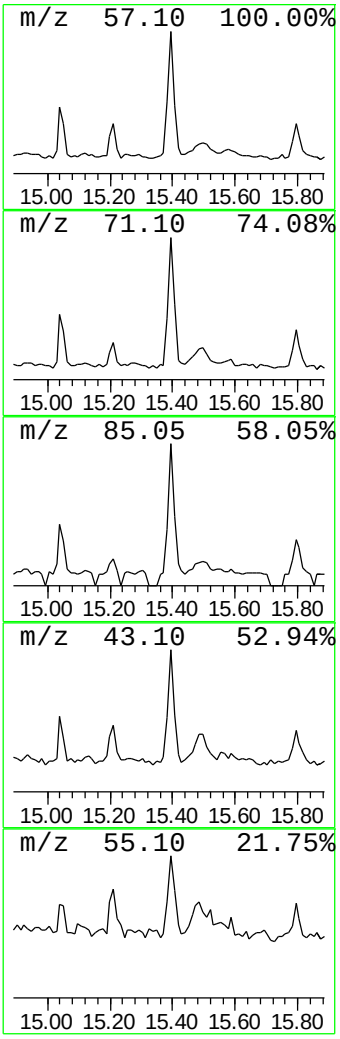
Peak Number 8 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	2.35 ng	46746	Perylene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	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...	4.67	4.2	ng	74341	1	6.54	353618	20.0
Carbonic acid, he...	13.55	2.5	ng	52027	5	13.68	417977	20.0
Hexadecanal	14.57	2.2	ng	43301	6	15.03	397518	20.0
Cyclohexadecane	14.78	3.0	ng	59795	6	15.03	397518	20.0
Octacosane	15.39	2.4	ng	46746	6	15.03	397518	20.0