LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081327.D
Acq On : 2 Sep 2015 3:19
Operator : UM/IZ
Sample : G3479-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-3-10(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-BF090115.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	4.456	247	251	266	rVB	714290	1382454	62.36%	7.068%
2	4.947	290	294	296	rBV	1635005	2216941	100.00%	11.334%
3	5.370	329	331	335	rBB	24037	22744	1.03%	0.116%
4	6.056	388	391	393	rBV	1895696	2161484	97.50%	11.050%
5	6.159	397	400	402	rBV	1884210	2197164	99.11%	11.233%
6	6.387	418	420	422	rVB	441748	375350	16.93%	1.919%
7	6.547	431	434	436	rBV	1307229	1502261	67.76%	7.680%
8	6.970	468	471	473	rBV	991315	1433247	64.65%	7.327%
9	7.107	479	483	487	rBB	21546	27735	1.25%	0.142%
10	7.679	530	533	535	rBV	516983	502746	22.68%	2.570%
11	8.765	625	628	630	rBV	1638540	2092885	94.40%	10.699%
12	9.165	660	663	665	rBV	377869	356104	16.06%	1.821%
13	9.416	683	685	687	rVB	614113	524288	23.65%	2.680%
14	10.193	751	753	756	rBV2	880016	1197080	54.00%	6.120%
15	10.353	764	767	770	rBV	21189	27700	1.25%	0.142%
16	10.799	804	806	807	rBV	20812	26659	1.20%	0.136%
17	10.879	811	813	815	rBV	649948	534958	24.13%	2.735%
18	11.153	835	837	841	rBV	17976	35603	1.61%	0.182%
19	11.222	841	843	845	rVB	19532	25638	1.16%	0.131%
20	11.451	861	863	867	rBV2	62727	94902	4.28%	0.485%
21	11.531	869	870	873	rVB	17475	23835	1.08%	0.122%
22	12.319	937	939	942	rBV	27568	29030	1.31%	0.148%
23	12.468	949	952	954	rBV	1749671	1631066	73.57%	8.338%
24	13.394	1030	1033	1039	rBV	160069	320553	14.46%	1.639%
25	13.485	1039	1041	1044	rVV	459452	417292	18.82%	2.133%
26	14.800	1154	1156	1158	rBV	325870	330963	14.93%	1.692%
27	15.245	1193	1195	1206	rVB3	21157	70037	3.16%	0.358%

Sum of corrected areas: 19560719

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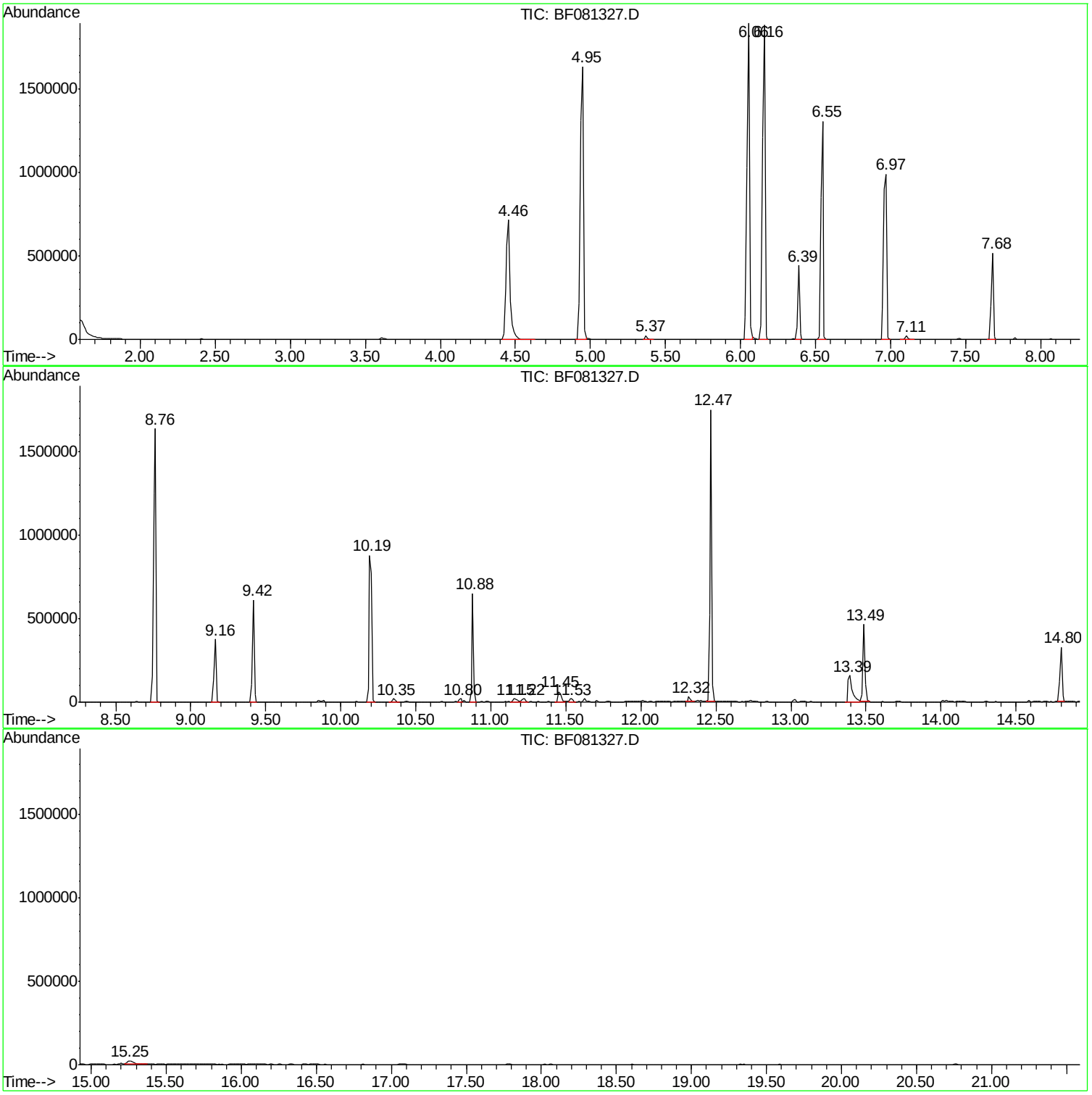
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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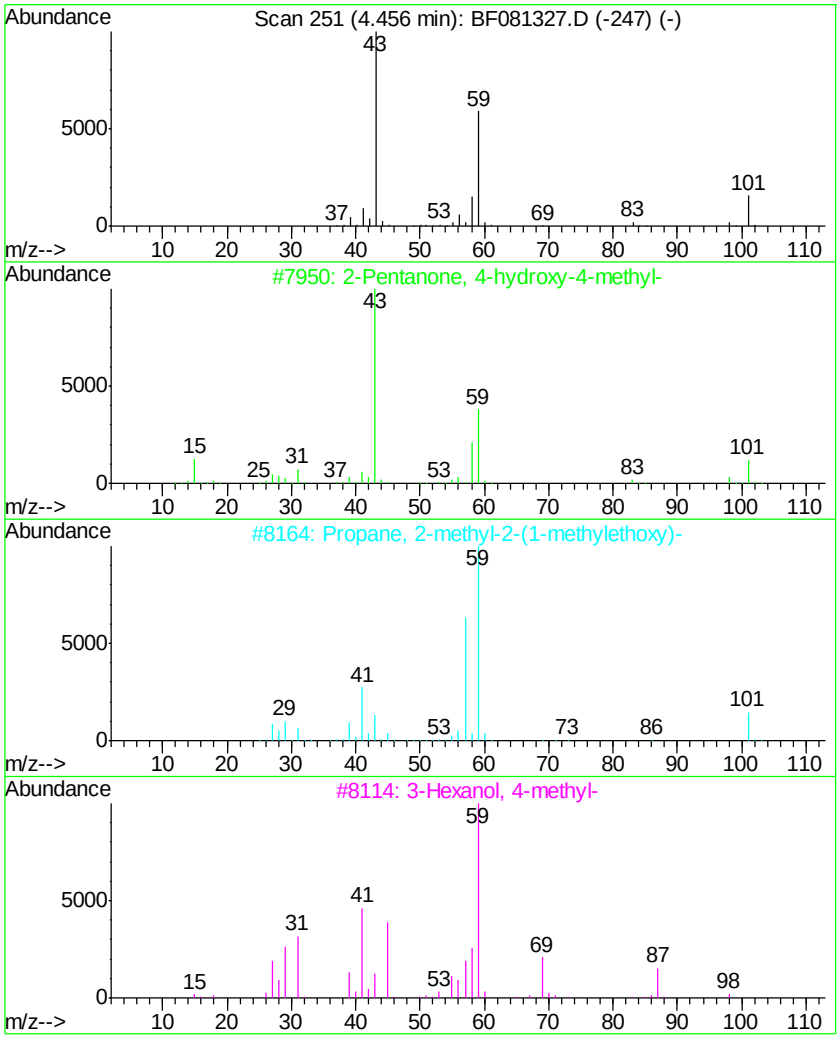
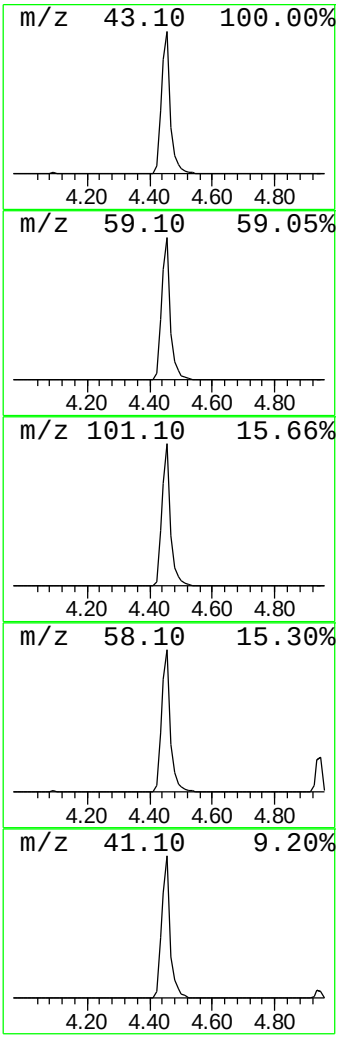
Peak Number 1 unknown4.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	73.66 ng	1382450	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
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	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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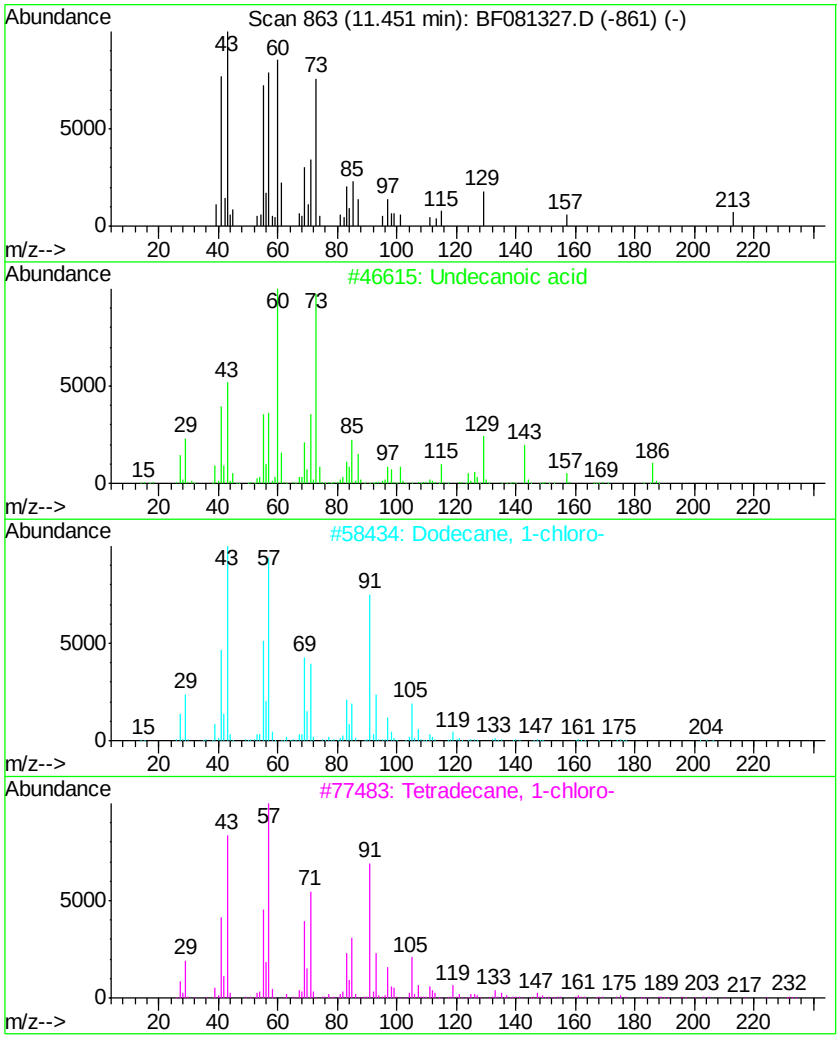
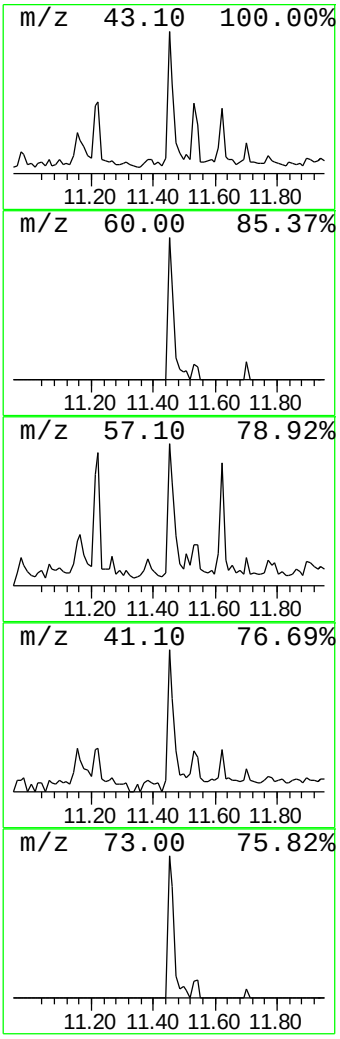
Peak Number 4 Undecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	3.55 ng	94902	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	80
2	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	22
3	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	22
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	14
5	Tritetracontane	605	C43H88	007098-21-7	14





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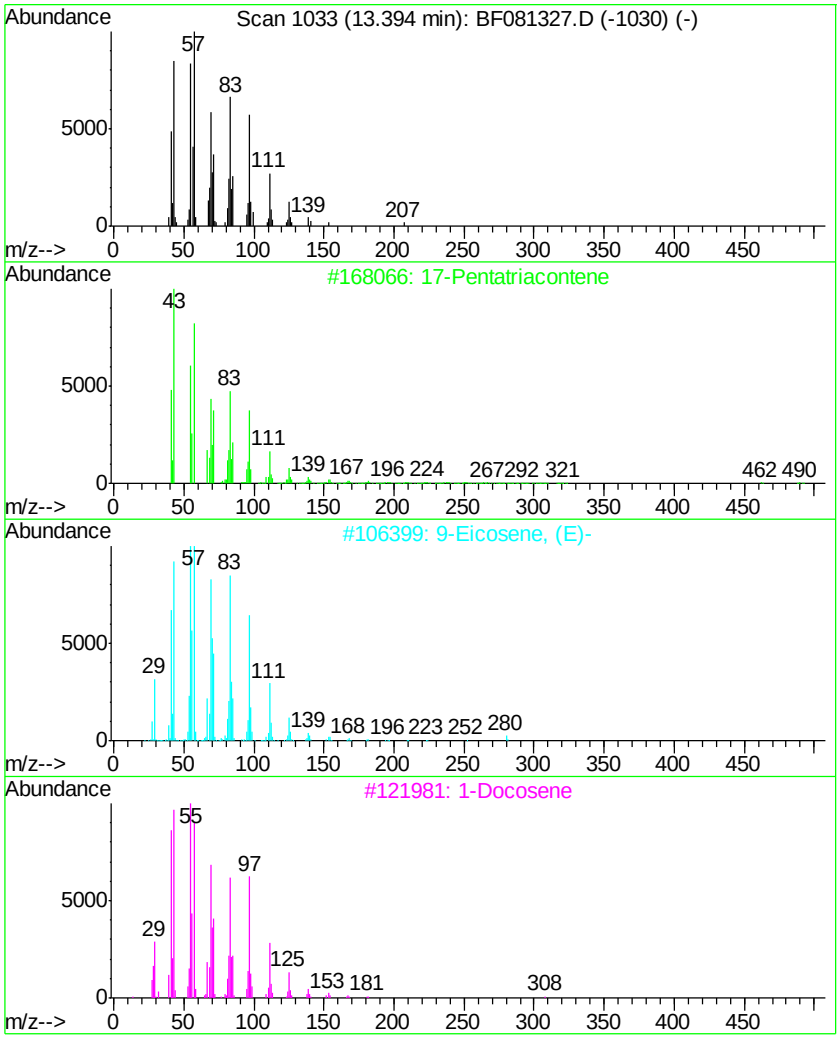
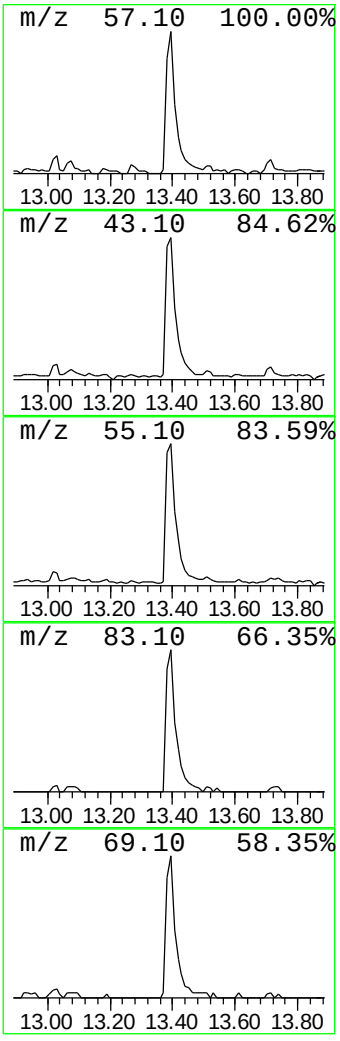
Peak Number 5 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	15.36 ng	320553	Chrysene-d12	13.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
3	1-Docosene	308	C22H44	001599-67-3	86
4	1-Hexacosanol	382	C26H54O	000506-52-5	80
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	80





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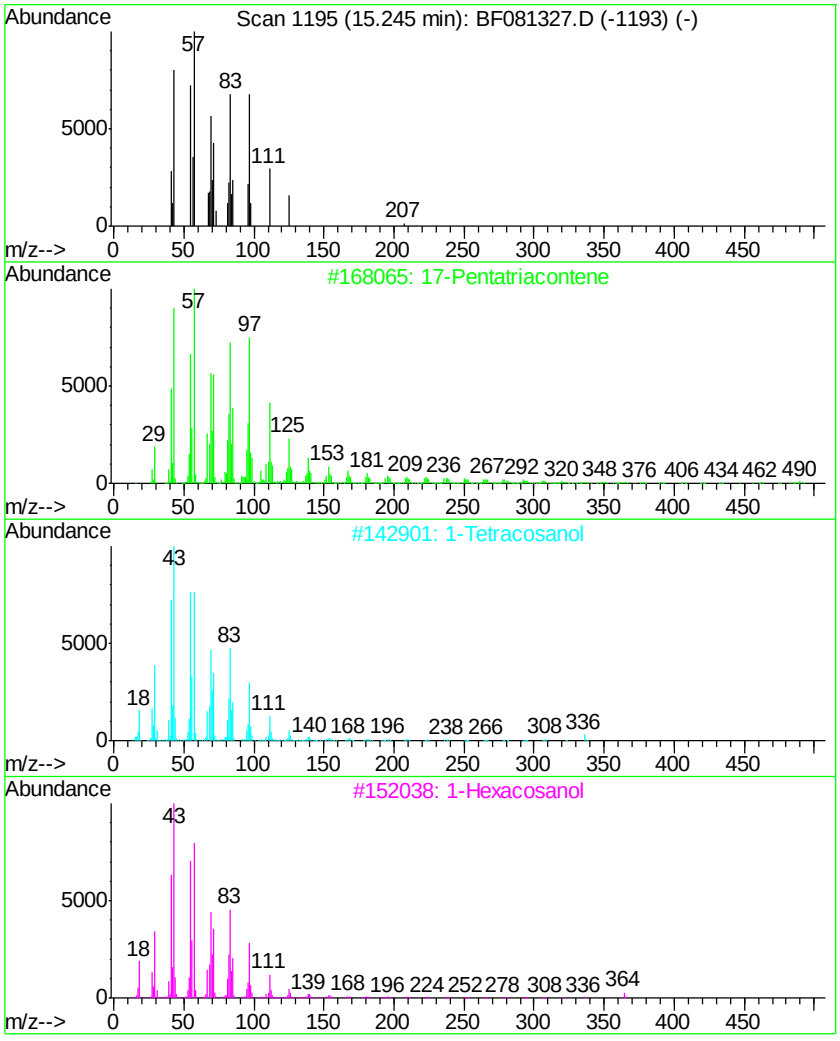
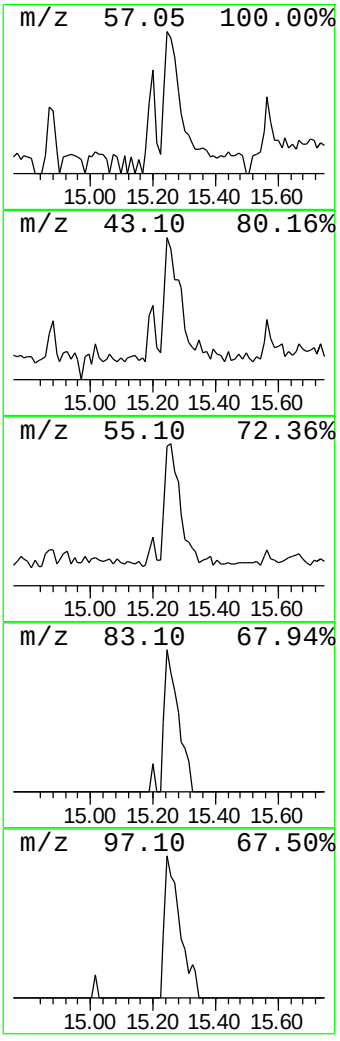
Peak Number 6 1-Tetracosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	4.23 ng	70037	Perylene-d12	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	72
3	1-Hexacosanol	382	C26H54O	000506-52-5	68
4	11-Heneicosanol	312	C21H44O	003381-26-8	64
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	53





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.46	4.46	73.7	ng	1382450	1	6.39	375350	20.0
Undecanoic acid	11.45	3.5	ng	94902	4	10.88	534958	20.0
17-Pentatriacontene	13.39	15.4	ng	320553	5	13.49	417292	20.0
1-Tetracosanol	15.25	4.2	ng	70037	6	14.80	330963	20.0