LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081328.D
Acq On : 2 Sep 2015 3:50
Operator : UM/IZ
Sample : G3480-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-3-11(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	719493	1361276	61.67%	7.177%
2	4.947	291	294	296	rBV	1697248	2179208	98.72%	11.489%
3	6.056	388	391	393	rBV	1942254	2207524	100.00%	11.638%
4	6.159	397	400	402	rBV	1837589	2165390	98.09%	11.416%
5	6.387	418	420	422	rBV	444719	372458	16.87%	1.964%
6	6.547	431	434	436	rBV	1282232	1458035	66.05%	7.687%
7	6.970	468	471	473	rBV	897226	1365330	61.85%	7.198%
8	7.107	478	483	487	rBB	21078	27776	1.26%	0.146%
9	7.679	530	533	535	rBV	487759	492644	22.32%	2.597%
10	8.765	624	628	630	rVB	1377486	1943676	88.05%	10.247%
11	9.165	660	663	665	rBV	372768	351871	15.94%	1.855%
12	9.416	683	685	687	rVB	587699	511064	23.15%	2.694%
13	10.193	751	753	756	rBV2	911280	1145850	51.91%	6.041%
14	10.353	765	767	770	rBV	28095	37034	1.68%	0.195%
15	10.799	804	806	807	rBV	25604	31144	1.41%	0.164%
16	10.879	811	813	816	rBV	612194	513251	23.25%	2.706%
17	11.222	841	843	845	rVB	28645	30071	1.36%	0.159%
18	11.451	861	863	867	rBV2	46451	57692	2.61%	0.304%
19	11.976	906	909	911	rBV2	15451	35391	1.60%	0.187%
20	12.468	949	952	954	rBV	1770510	1639030	74.25%	8.641%
21	13.394	1030	1033	1039	rBV	124439	250074	11.33%	1.318%
22	13.485	1039	1041	1044	rBV	451134	420397	19.04%	2.216%
23	14.800	1153	1156	1158	rBV	320146	322961	14.63%	1.703%
24	15.245	1193	1195	1204	rVB3	14950	48656	2.20%	0.257%

Sum of corrected areas: 18967803

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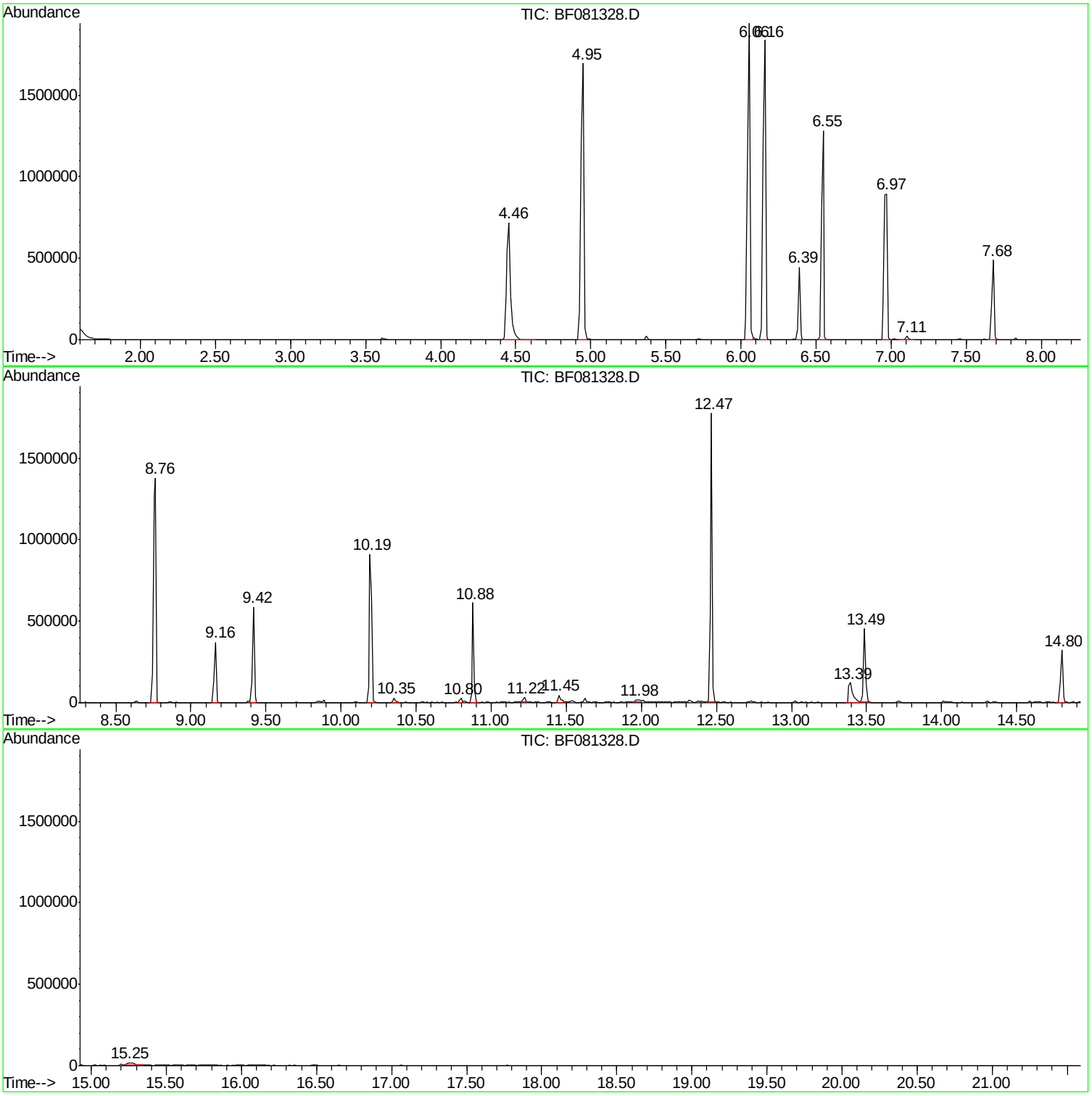
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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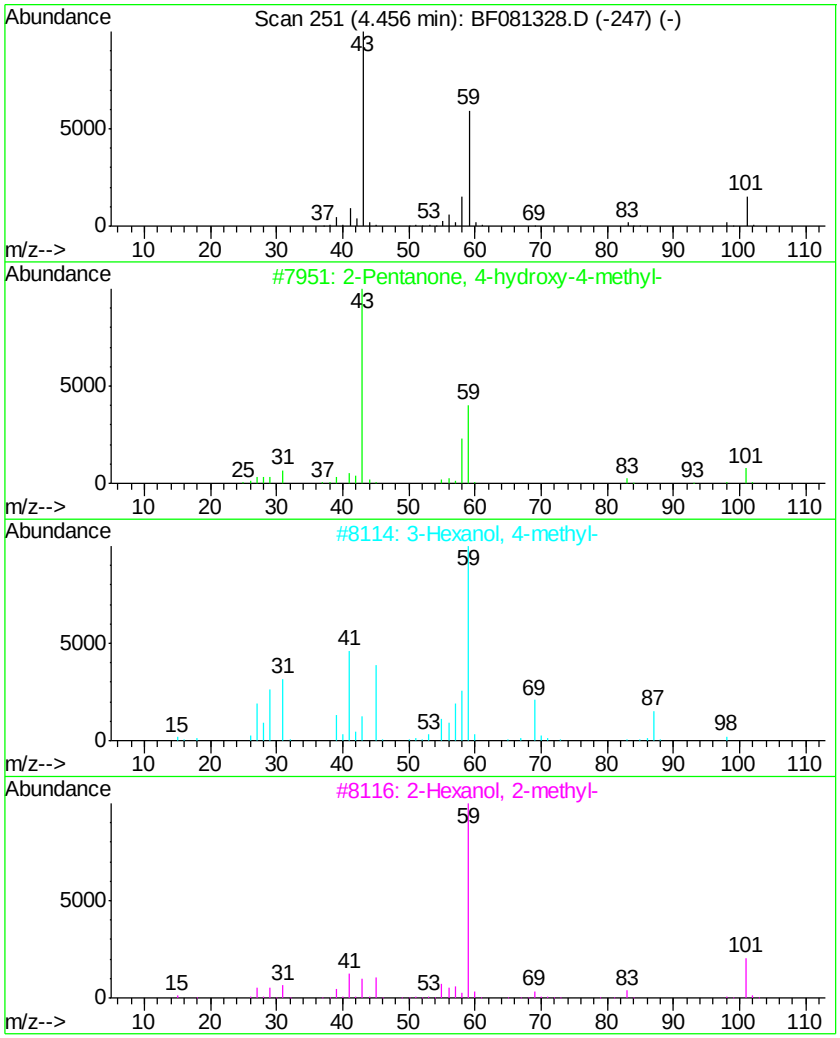
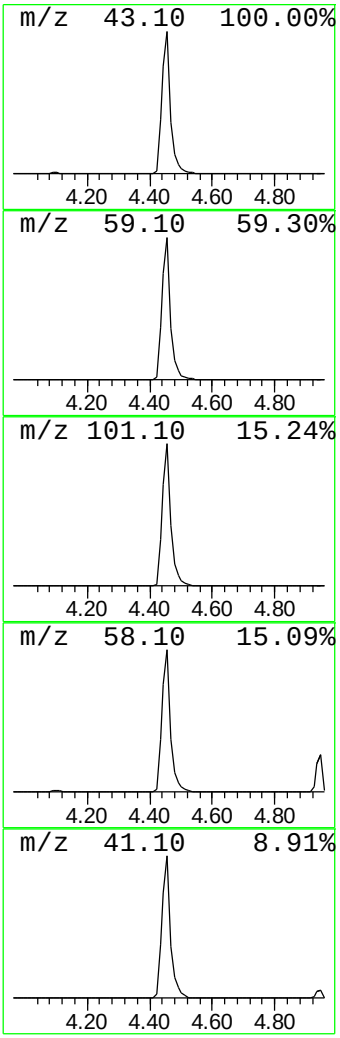
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	73.10 ng	1361280	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	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17





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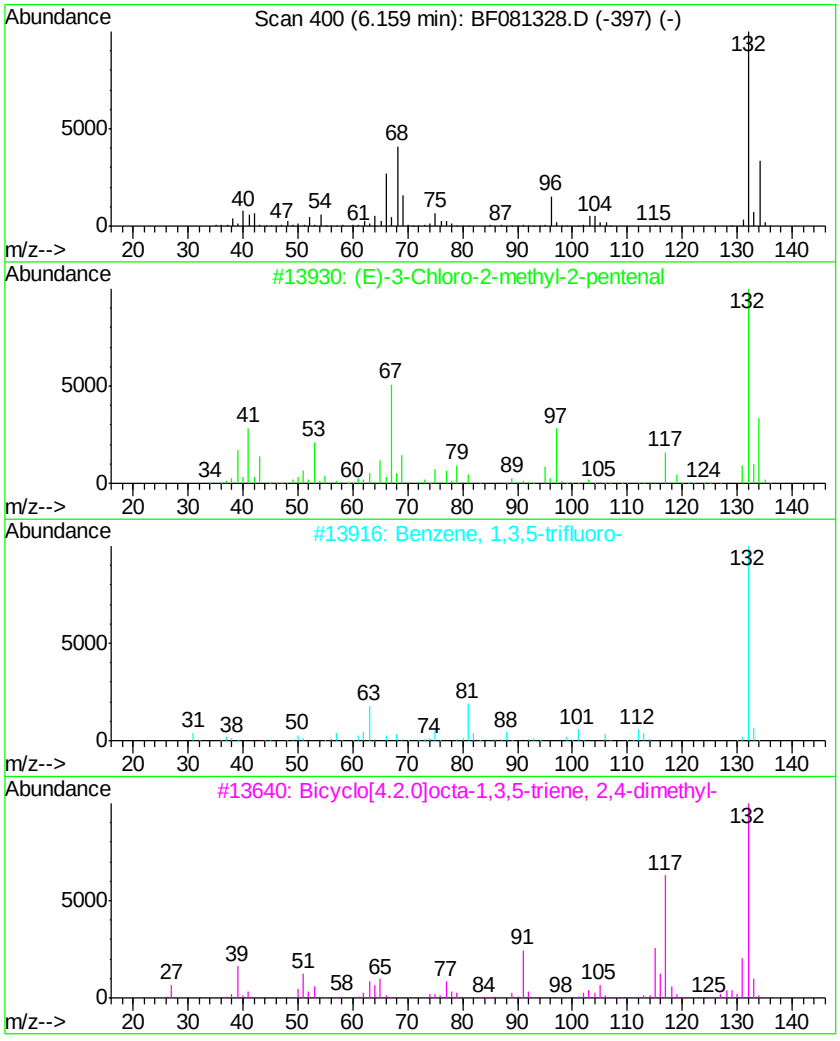
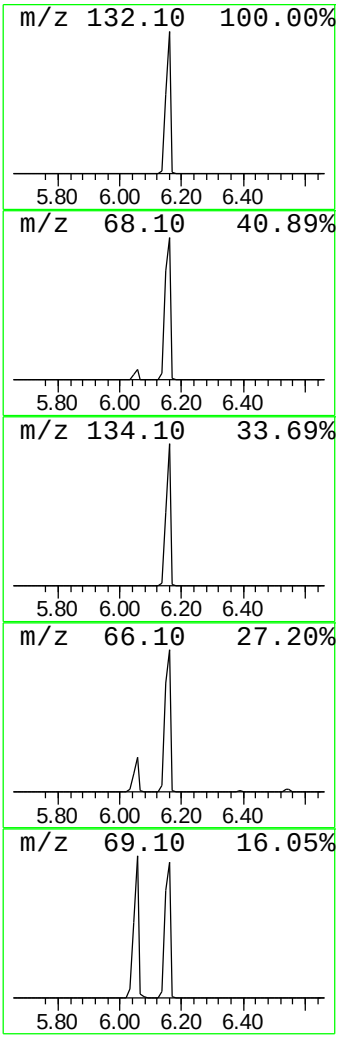
Peak Number 2 unknown6.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	116.28 ng	2165390	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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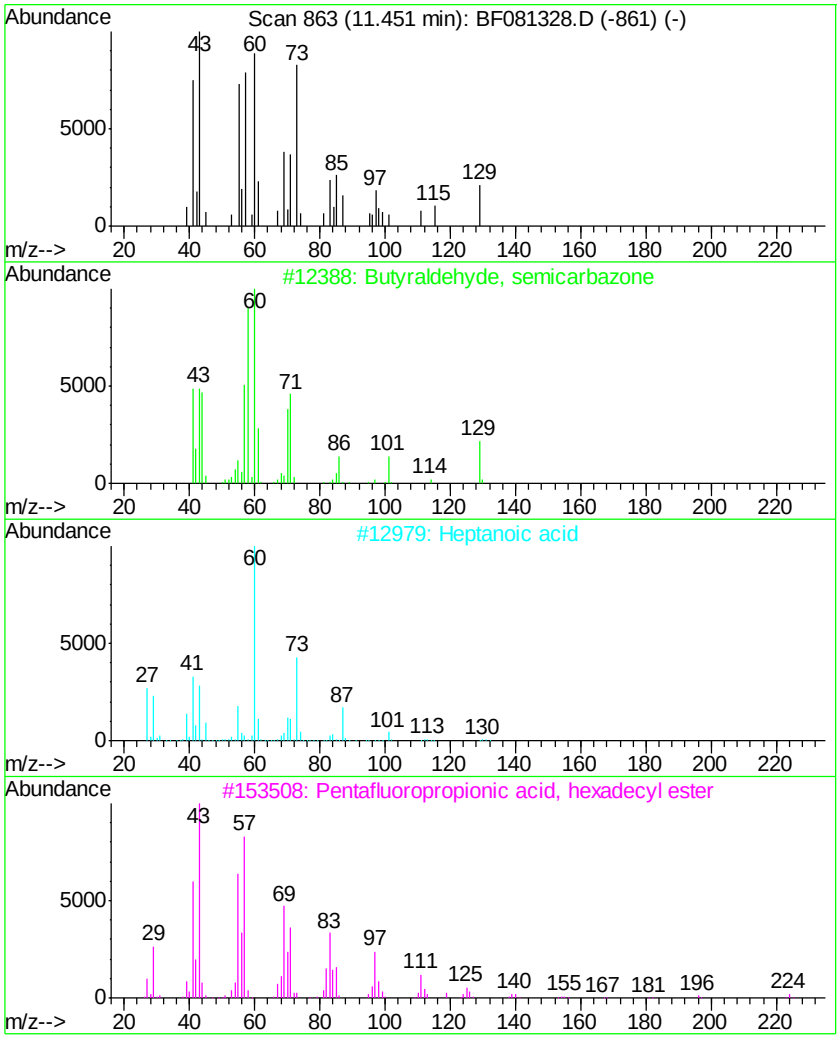
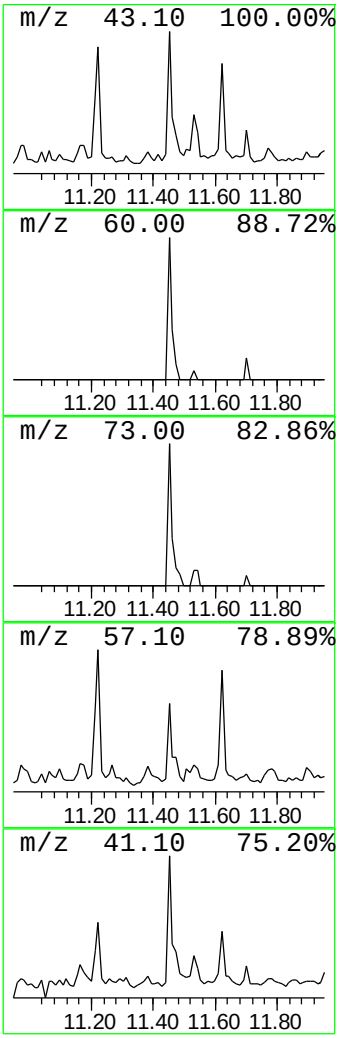
Peak Number 4 unknown11.45 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	2.25 ng	57692	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	37
2	Heptanoic acid	130	C7H14O2	000111-14-8	32
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	10
4	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	10
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	10





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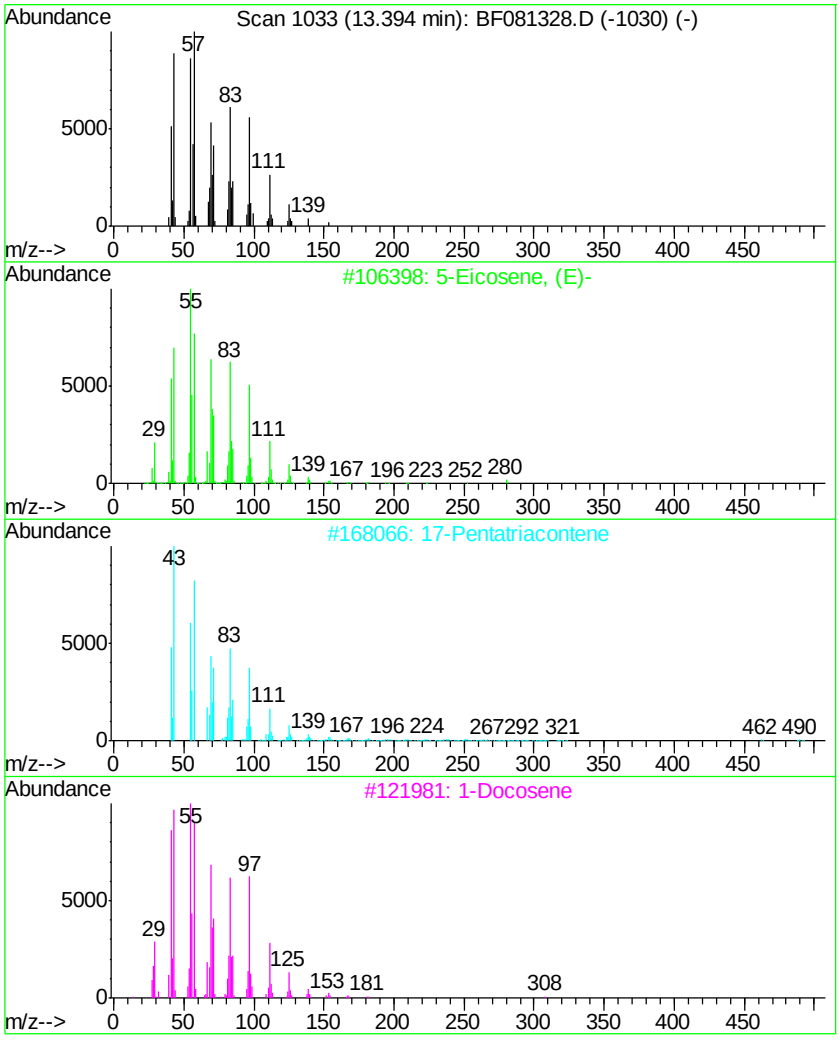
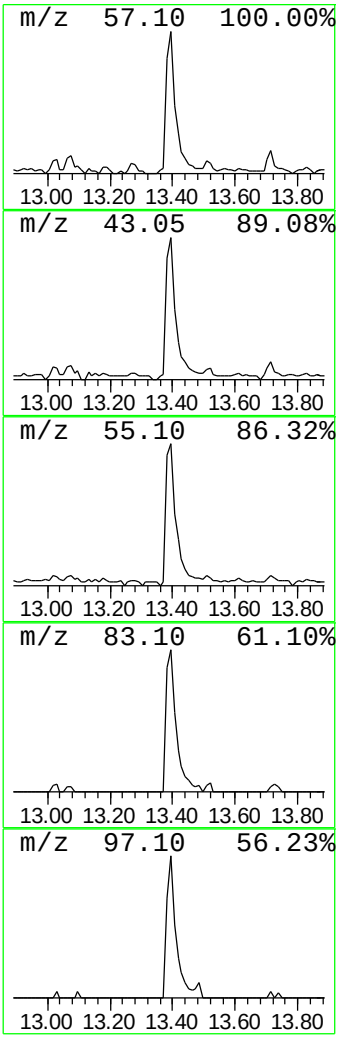
Peak Number 5 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	11.90 ng	250074	Chrysene-d12	13.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Docosene	308	C22H44	001599-67-3	87
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	83
5	1-Tetracosanol	354	C24H50O	000506-51-4	83





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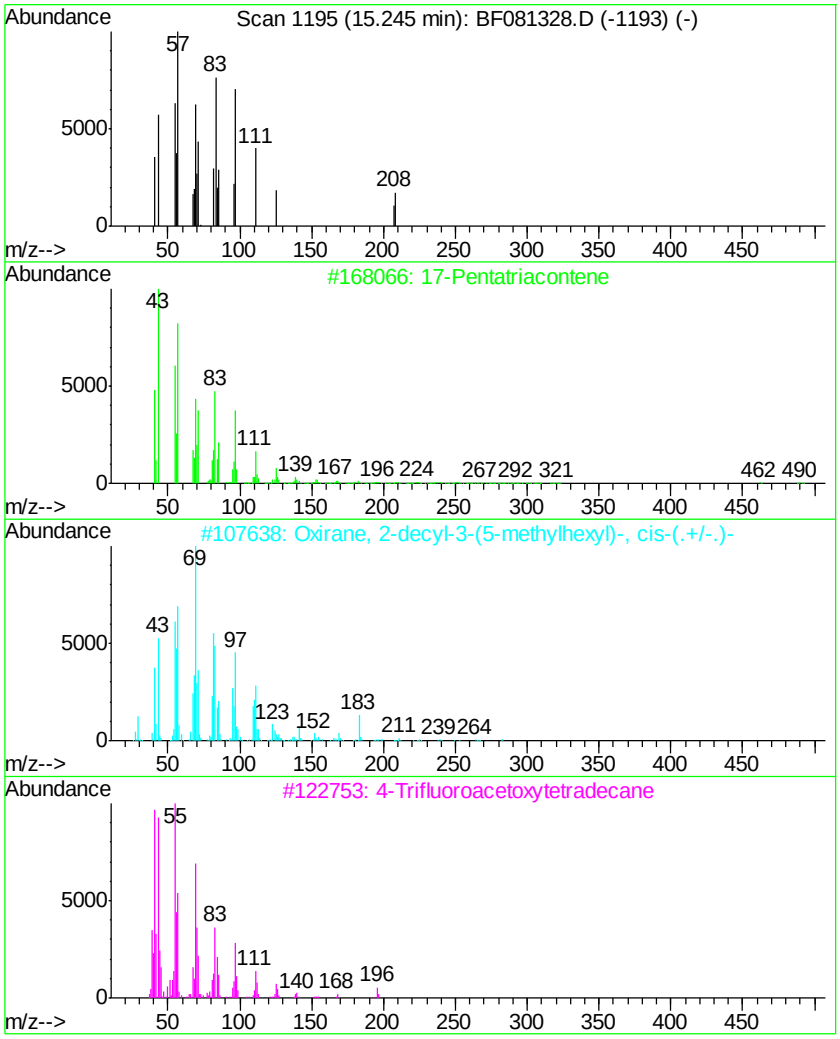
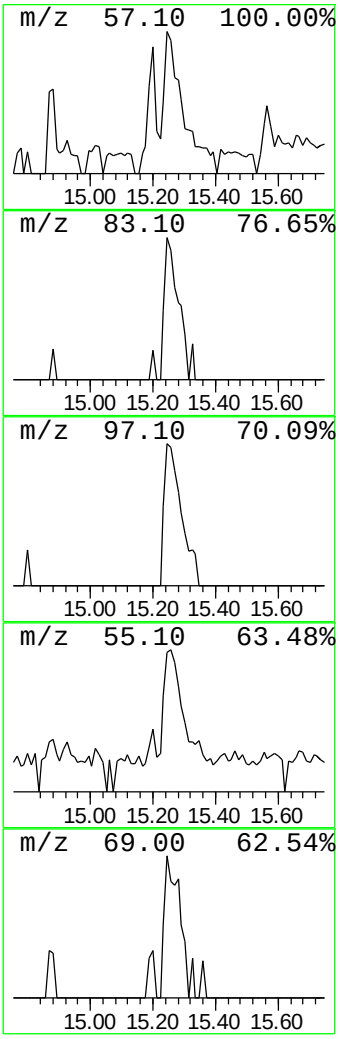
Peak Number 6 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.01 ng	48656	Perylene-d12	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	80
2	Oxirane, 2-decyl-3-(5-methylhexy...	282	C19H38O	057457-72-4	78
3	4-Trifluoroacetoxytetradecane	310	C16H29F3O2	1000245-47-6	72
4	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	72
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.46	73.1	ng	1361280	1	6.39	372458	20.0
unknown6.16	6.16	116.3	ng	2165390	1	6.39	372458	20.0
unknown11.45	11.45	2.3	ng	57692	4	10.88	513251	20.0
5-Eicosene, (E)-	13.39	11.9	ng	250074	5	13.49	420397	20.0
17-Pentatriacontene	15.25	3.0	ng	48656	6	14.80	322961	20.0