LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081325.D
Acq On : 2 Sep 2015 2:17
Operator : UM/IZ
Sample : G3479-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-3-8(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	261	rVB	667754	1255791	58.19%	7.086%
2	4.936	291	293	296	rBV	1304621	1889050	87.54%	10.660%
3	6.056	388	391	393	rBV	1809773	2157957	100.00%	12.177%
4	6.159	397	400	402	rBV	1329420	1870744	86.69%	10.557%
5	6.387	418	420	422	rBV	456190	386983	17.93%	2.184%
6	6.547	431	434	436	rBV	1000219	1298437	60.17%	7.327%
7	6.959	468	470	473	rBV	901643	1099924	50.97%	6.207%
8	7.107	479	483	486	rBB	14904	21675	1.00%	0.122%
9	7.679	530	533	535	rBV	465469	494800	22.93%	2.792%
10	8.753	624	627	630	rBV	1248274	1809691	83.86%	10.212%
11	9.165	660	663	665	rVB	304691	306017	14.18%	1.727%
12	9.416	683	685	687	rVB	621530	538933	24.97%	3.041%
13	9.885	724	726	727	rVB	25100	22850	1.06%	0.129%
14	10.193	751	753	756	rBV2	877206	1069482	49.56%	6.035%
15	10.353	764	767	771	rBV	43034	59731	2.77%	0.337%
16	10.799	804	806	807	rBV	34285	45246	2.10%	0.255%
17	10.879	811	813	815	rBV	647690	543588	25.19%	3.067%
18	11.222	841	843	845	rVB	32895	39561	1.83%	0.223%
19	11.451	861	863	867	rBV2	57478	69350	3.21%	0.391%
20	11.622	874	878	880	rBV	39617	38342	1.78%	0.216%
21	12.319	937	939	942	rBV	45652	47228	2.19%	0.267%
22	12.468	949	952	954	rBV	1619098	1522427	70.55%	8.591%
23	13.028	998	1001	1002	rBV	25280	30666	1.42%	0.173%
24	13.394	1030	1033	1039	rBV	140033	260504	12.07%	1.470%
25	13.485	1039	1041	1044	rVV	475272	427402	19.81%	2.412%
26	14.800	1154	1156	1158	rBV	319421	330296	15.31%	1.864%
27	15.257	1193	1196	1203	rVV3	16873	62359	2.89%	0.352%
28	15.565	1218	1223	1229	rBV3	8702	22026	1.02%	0.124%

Sum of corrected areas: 17721060

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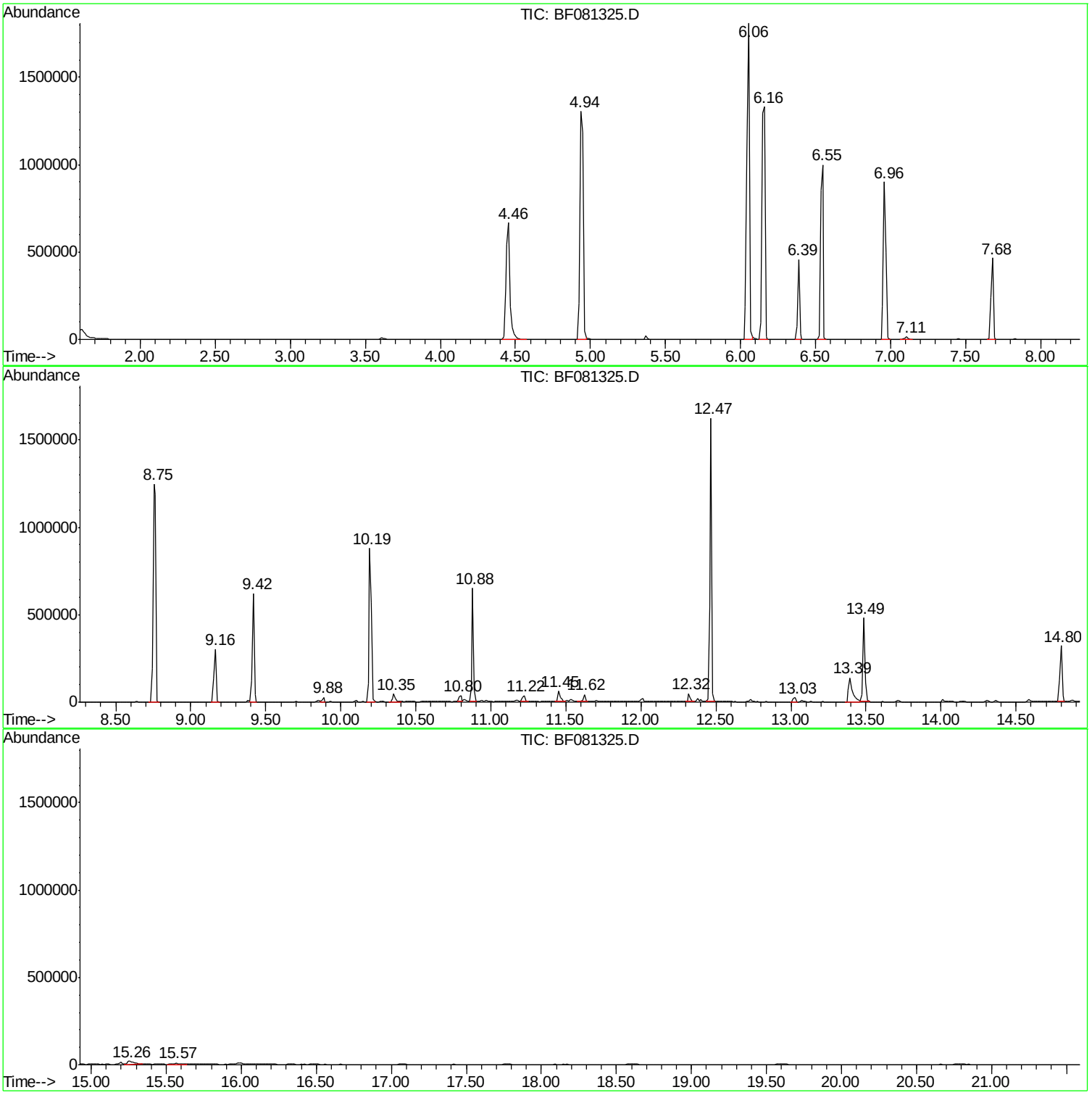
COFF-3-8(0-2)

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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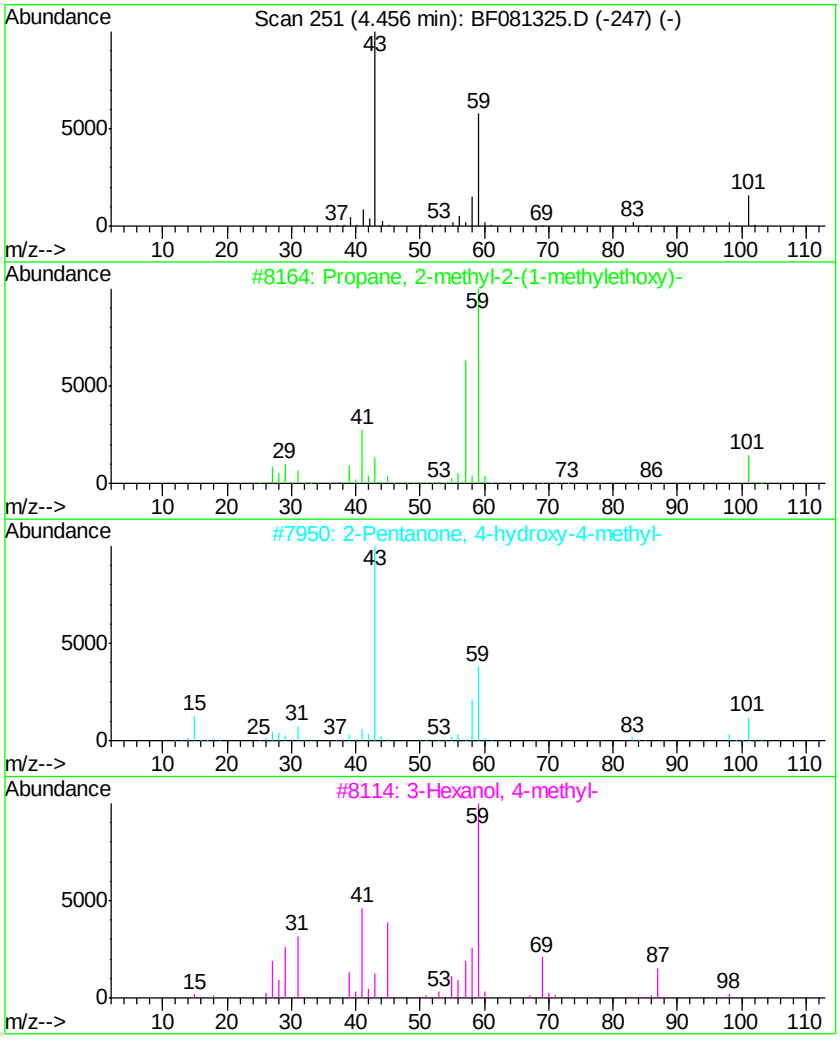
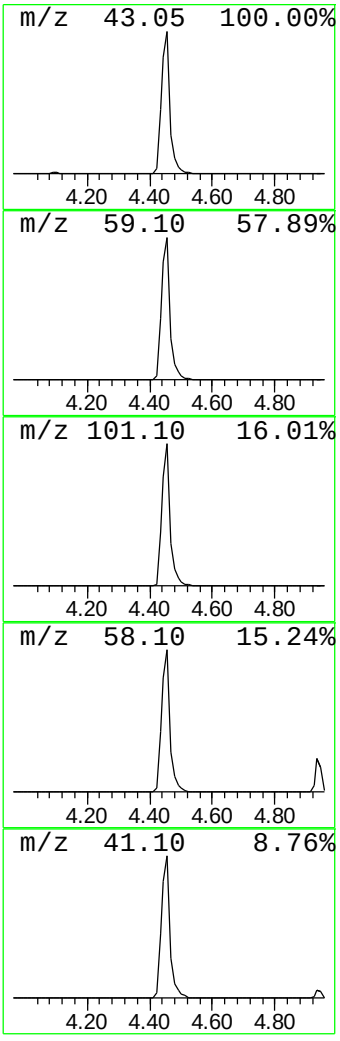
Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	19.34 ng	1255790	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
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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Instrument : BNA_F
ClientSampleId : COFF-3-8(0-2)

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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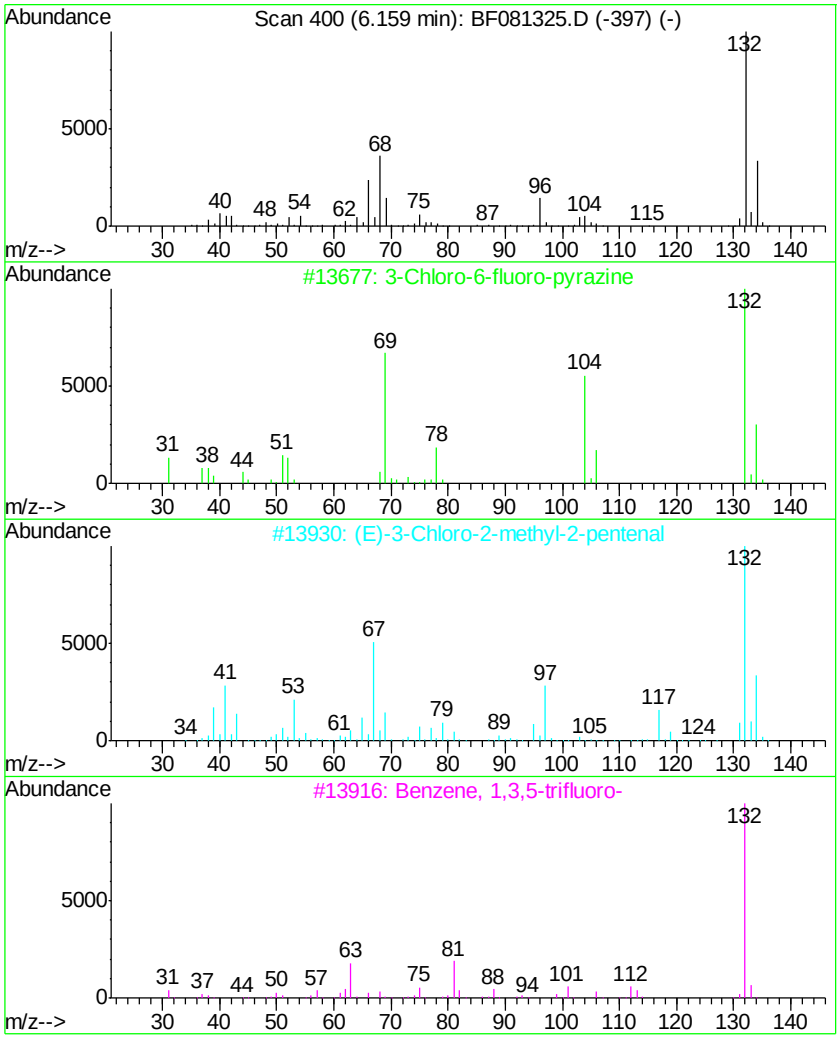
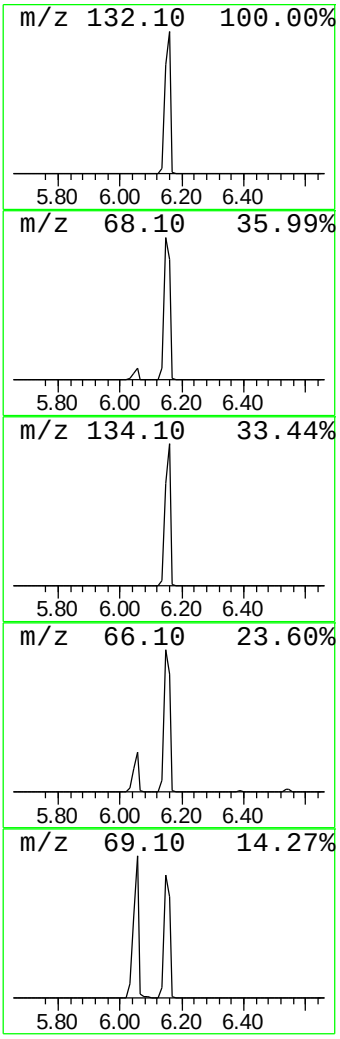
Peak Number 2 unknown6.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	28.82 ng	1870740	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Sample : G3479-15
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Instrument : BNA_F
ClientSampleId : COFF-3-8(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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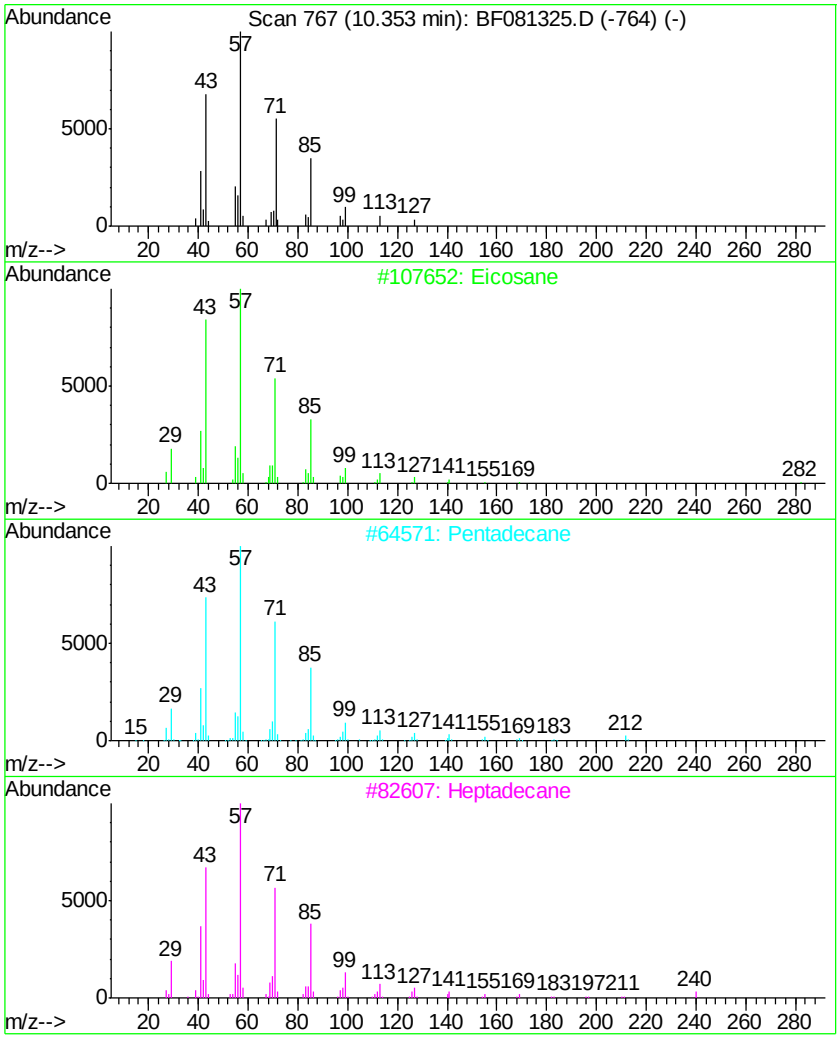
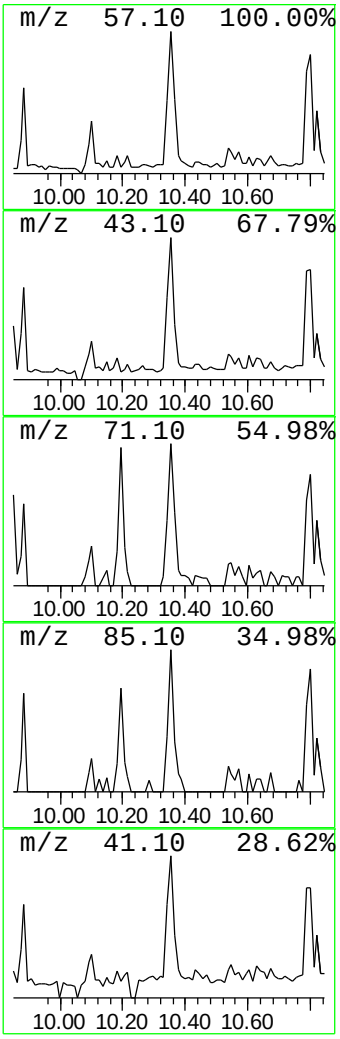
Peak Number 4 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.20 ng	59731	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptacosane	380	C27H56	000593-49-7	86
5	Hexadecane	226	C16H34	000544-76-3	83





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Instrument : BNA_F
ClientSampleId : COFF-3-8(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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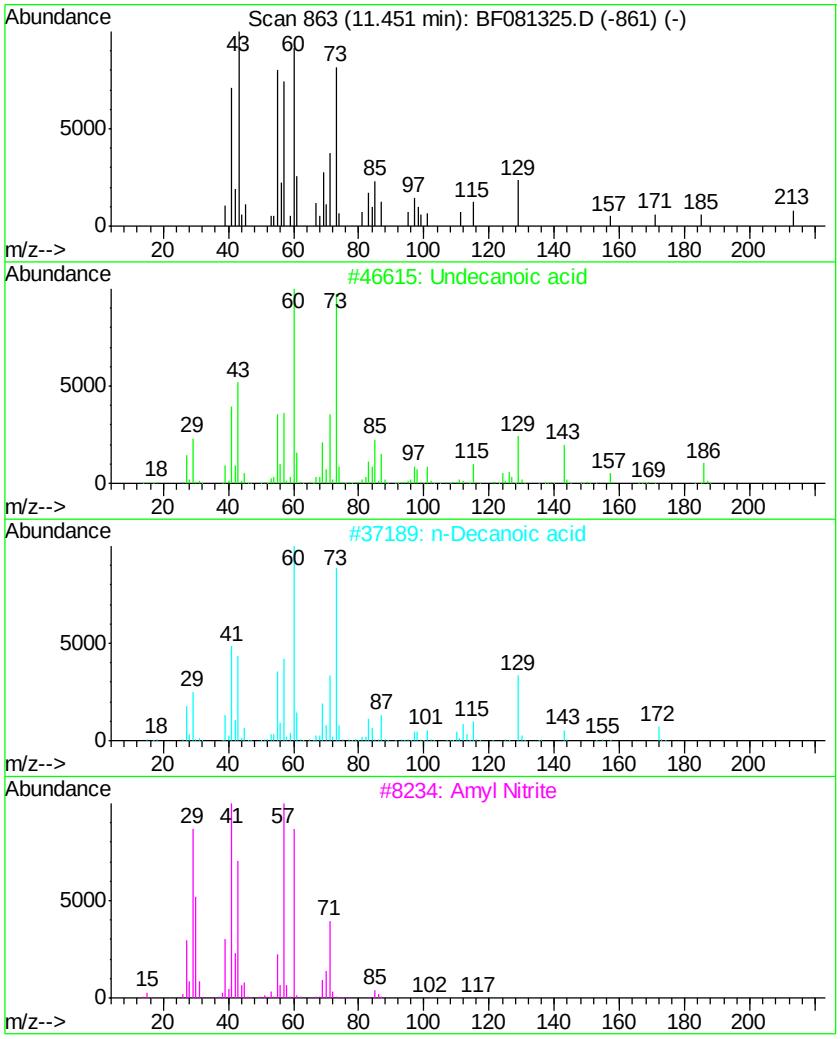
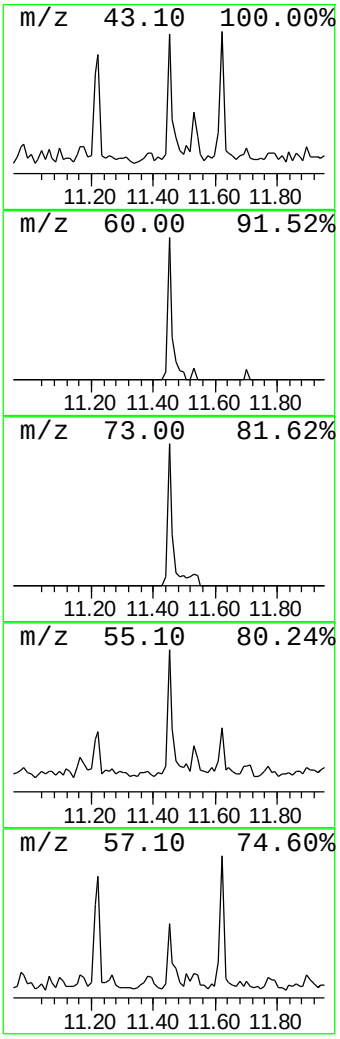
Peak Number 5 Undecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	2.55 ng	69350	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	59
3	Amyl Nitrite	117	C5H11NO2	000110-46-3	35
4	4-Pentadecanol	228	C15H32O	109212-91-1	22
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	14





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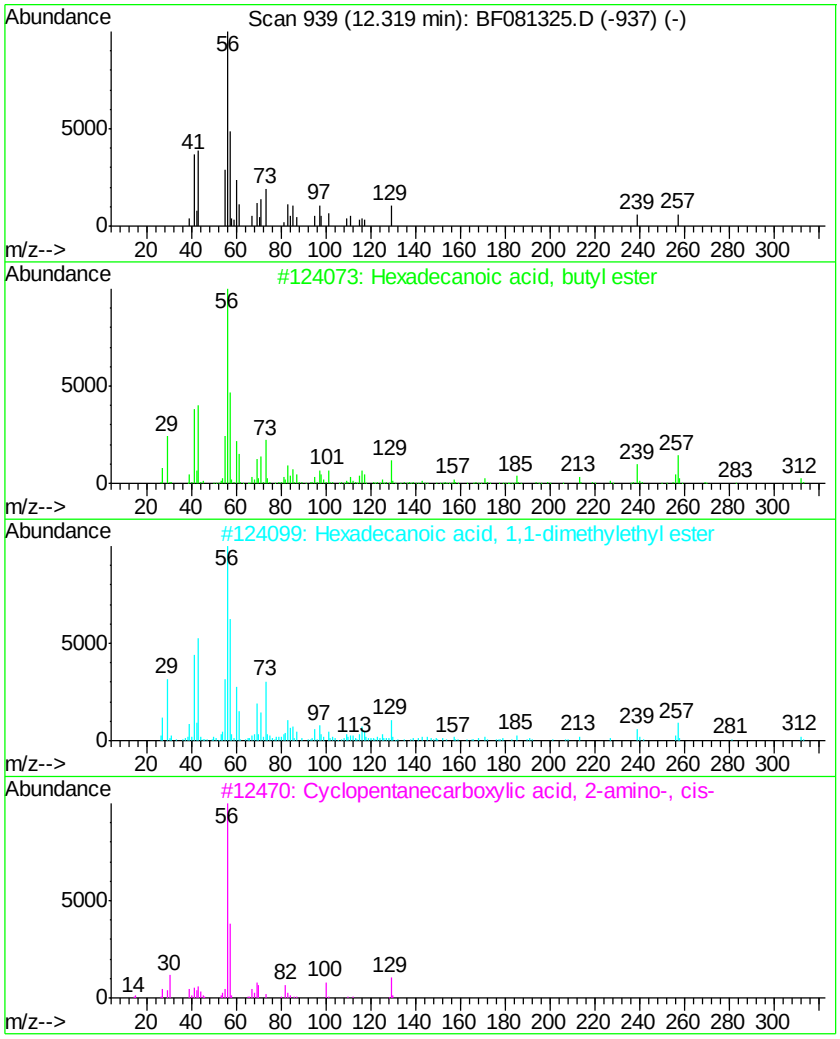
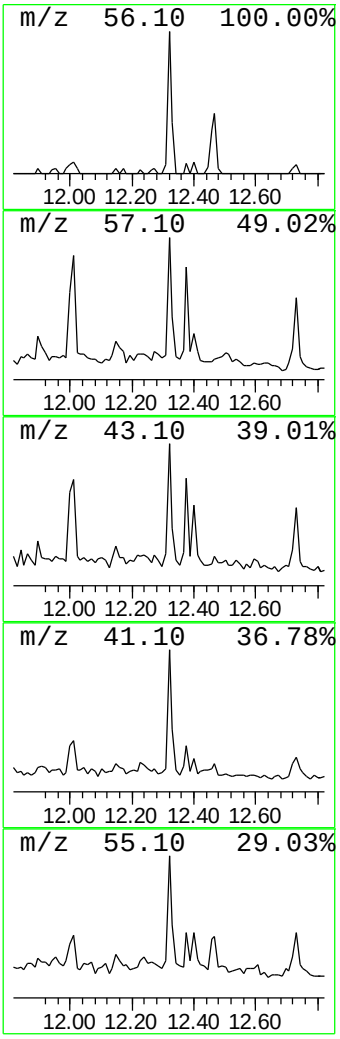
Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.21 ng	47228	Chrysene-d12	13.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	52
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
5	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37





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Instrument : BNA_F
ClientSampleId : COFF-3-8(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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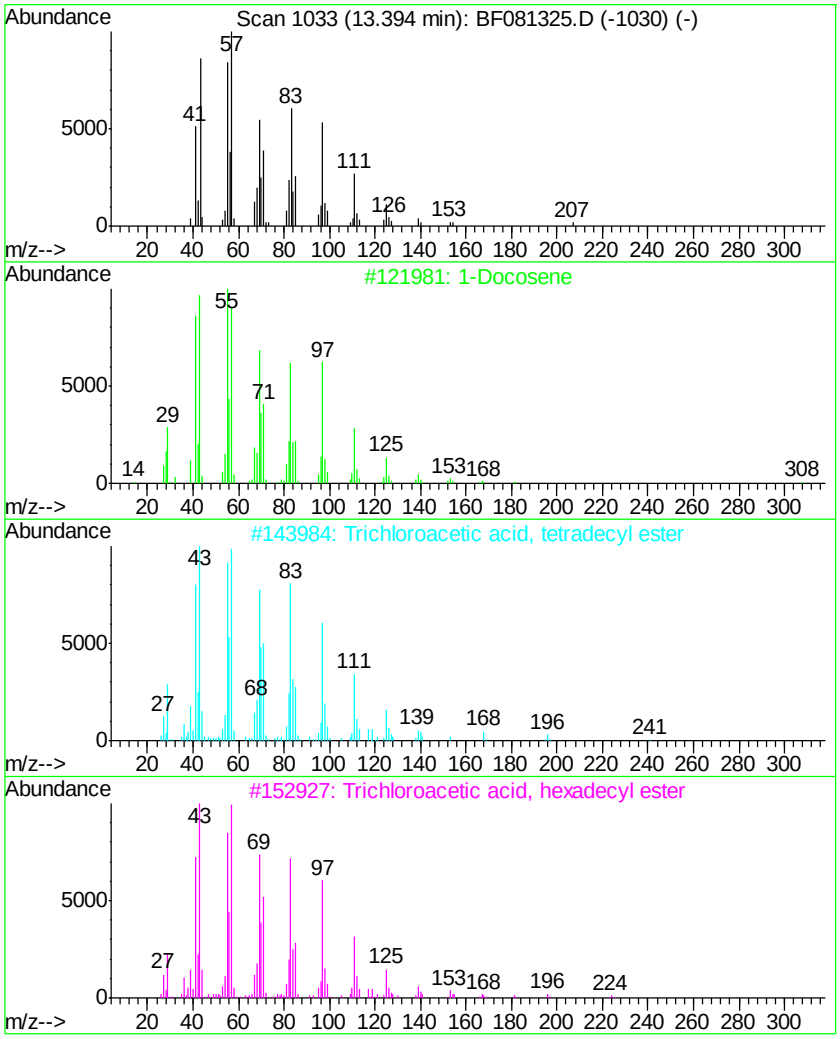
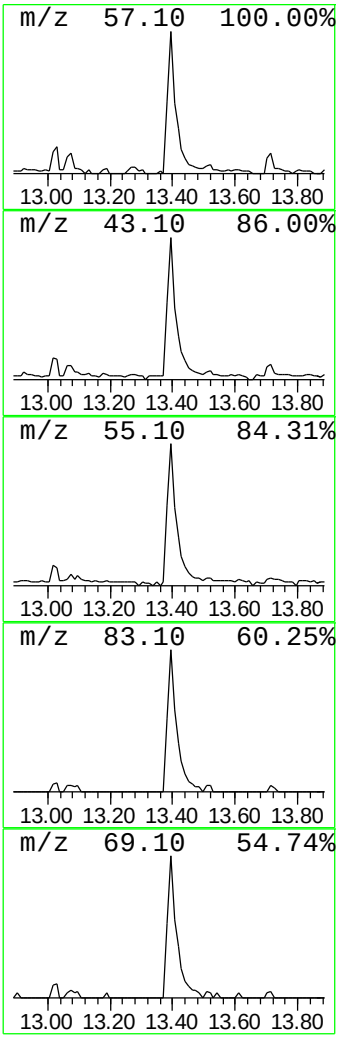
Peak Number 7 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	12.19 ng	260504	Chrysene-d12	13.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	83
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
5	1-Hexacosanol	382	C26H54O	000506-52-5	80





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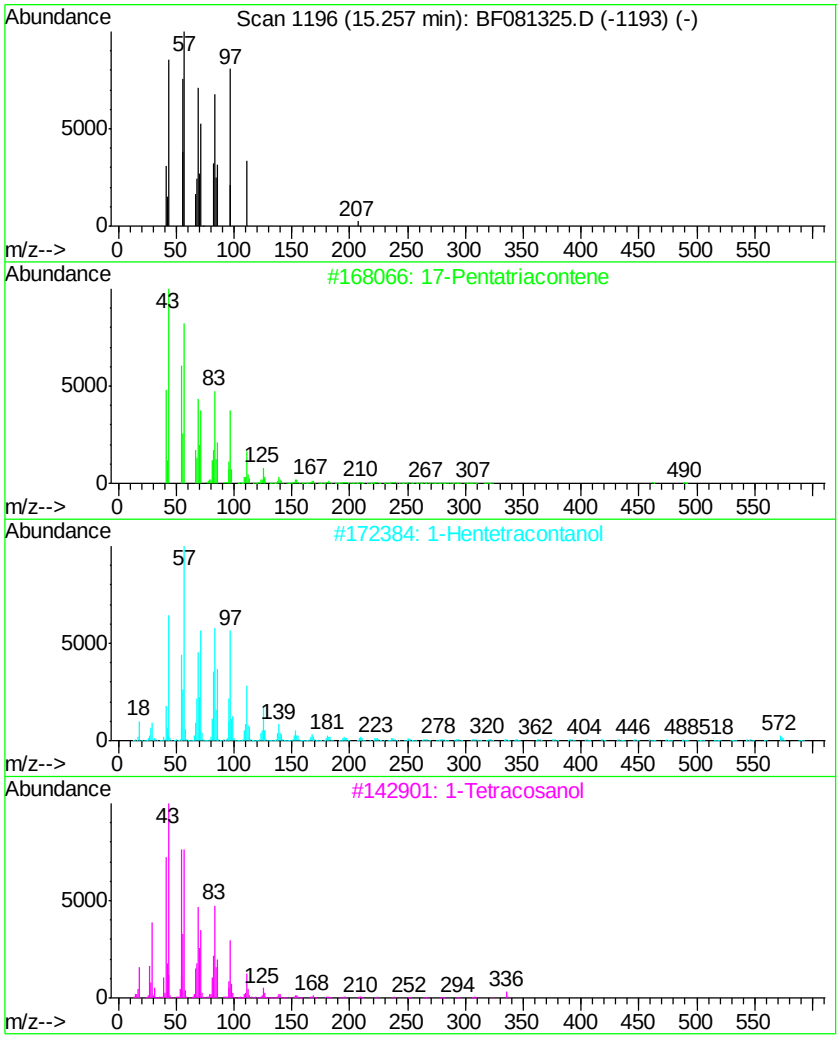
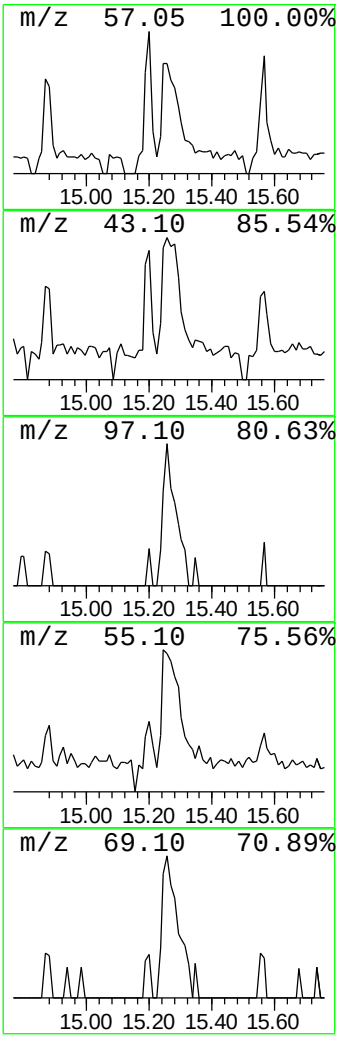
Peak Number 8 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.78 ng	62359	Perylene-d12	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	90
2	1-Hentetracontanol	593	C41H84O	040710-42-7	72
3	1-Tetracosanol	354	C24H50O	000506-51-4	64
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	64
5	1-Eicosanol	298	C20H42O	000629-96-9	58





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
Propane, 2-methyl...	4.46	19.3	ng	1255790	1	6.55	1298440	20.0
unknown6.16	6.16	28.8	ng	1870740	1	6.55	1298440	20.0
Eicosane	10.35	2.2	ng	59731	4	10.88	543588	20.0
Undecanoic acid	11.45	2.5	ng	69350	4	10.88	543588	20.0
Hexadecanoic acid...	12.32	2.2	ng	47228	5	13.49	427402	20.0
1-Docosene	13.39	12.2	ng	260504	5	13.49	427402	20.0
17-Pentatriacontene	15.26	3.8	ng	62359	6	14.80	330296	20.0