LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087257.D
Acq On : 21 May 2016 7:41
Operator : UM/SJ
Sample : H3167-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-MW-11

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	1.678	7	8	9	rBV	54596	70444	1.41%	0.190%
2	1.701	9	10	49	rVB	2523530	4821244	96.67%	13.012%
3	4.673	268	270	287	rBV	152737	305937	6.13%	0.826%
4	5.130	308	310	326	rBV	1400226	2396961	48.06%	6.469%
5	6.227	404	406	413	rBV	850485	1543490	30.95%	4.166%
6	6.330	413	415	417	rBV	3730666	4077606	81.76%	11.005%
7	6.559	433	435	440	rVB	651001	842000	16.88%	2.272%
8	6.707	446	448	451	rBV	3249255	3105903	62.28%	8.382%
9	7.130	483	485	488	rBV	2330679	2933464	58.82%	7.917%
10	7.839	545	547	550	rBV2	925038	1115453	22.37%	3.010%
11	8.650	615	618	622	rBV3	21644	51887	1.04%	0.140%
12	8.730	622	625	627	rBV3	36850	56134	1.13%	0.151%
13	8.925	639	642	644	rBV	5224932	4987229	100.00%	13.460%
14	9.233	665	669	671	rBV4	25932	61886	1.24%	0.167%
15	9.325	675	677	679	rVV	65173	73520	1.47%	0.198%
16	9.530	693	695	698	rBV	46606	55644	1.12%	0.150%
17	9.588	698	700	703	rBV	1342885	1211359	24.29%	3.269%
18	9.862	721	724	726	rBV4	40477	77847	1.56%	0.210%
19	9.896	726	727	729	rBV	32112	52648	1.06%	0.142%
20	9.965	731	733	736	rBV4	30847	81941	1.64%	0.221%
21	10.033	737	739	740	rBV	75950	81081	1.63%	0.219%
22	10.376	767	769	772	rBV2	2041404	2779953	55.74%	7.503%
23	10.502	778	780	784	rBV	76327	116243	2.33%	0.314%
24	11.062	827	829	832	rBV2	833206	1020162	20.46%	2.753%
25	11.633	877	879	882	rBV	287330	323384	6.48%	0.873%
26	12.411	945	947	952	rBV	258116	324708	6.51%	0.876%
27	12.651	965	968	971	rBV	2841672	2966261	59.48%	8.005%
28	13.702	1058	1060	1062	rVB	570822	659352	13.22%	1.779%
29	15.051	1175	1178	1191	rVB	547176	859835	17.24%	2.321%

Sum of corrected areas: 37053576

LSC Report - Integrated Chromatogram

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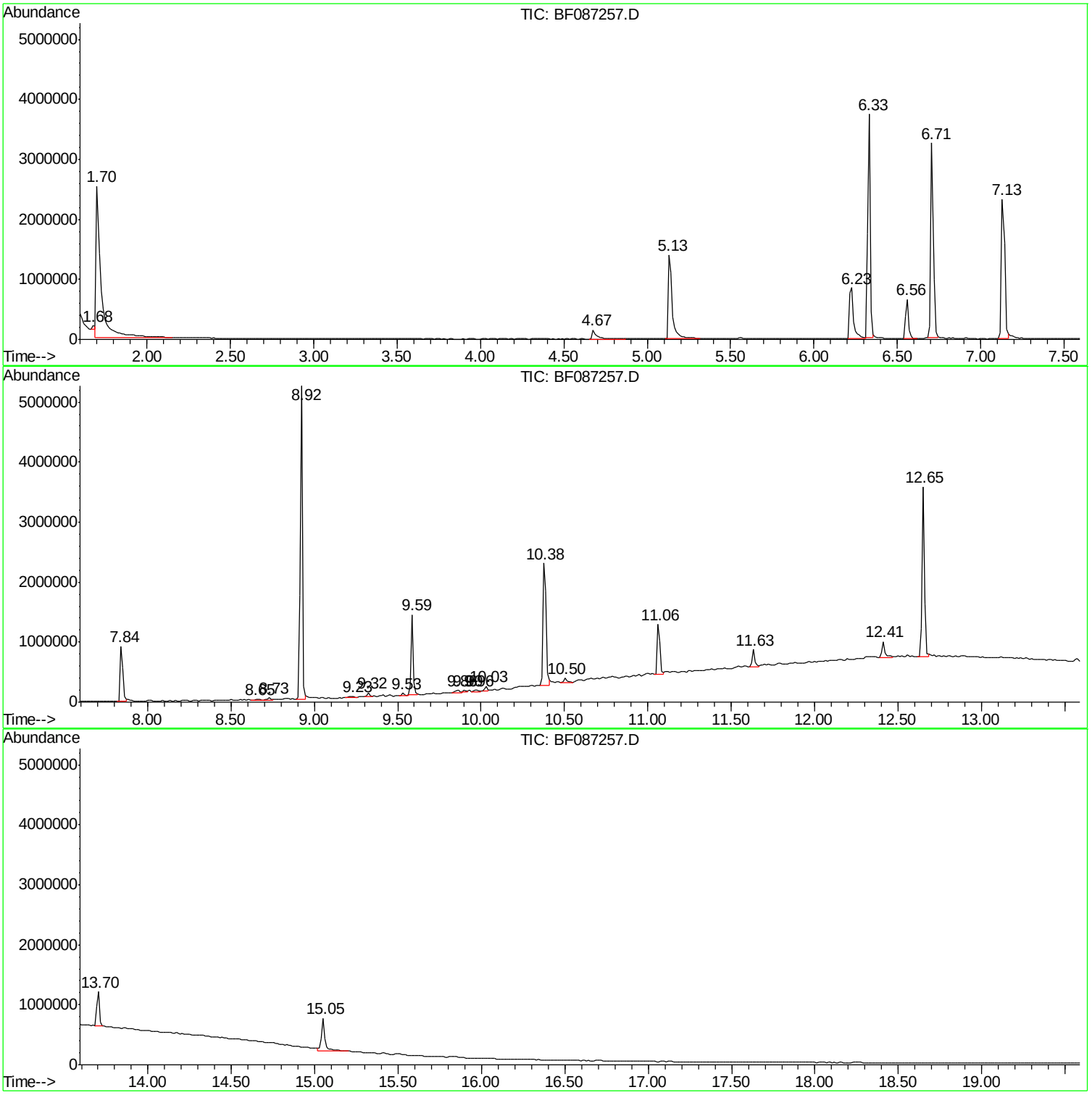
Instrument : BNA_F
ClientSampleId : RAV-MW-11

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



Library Search Compound Report

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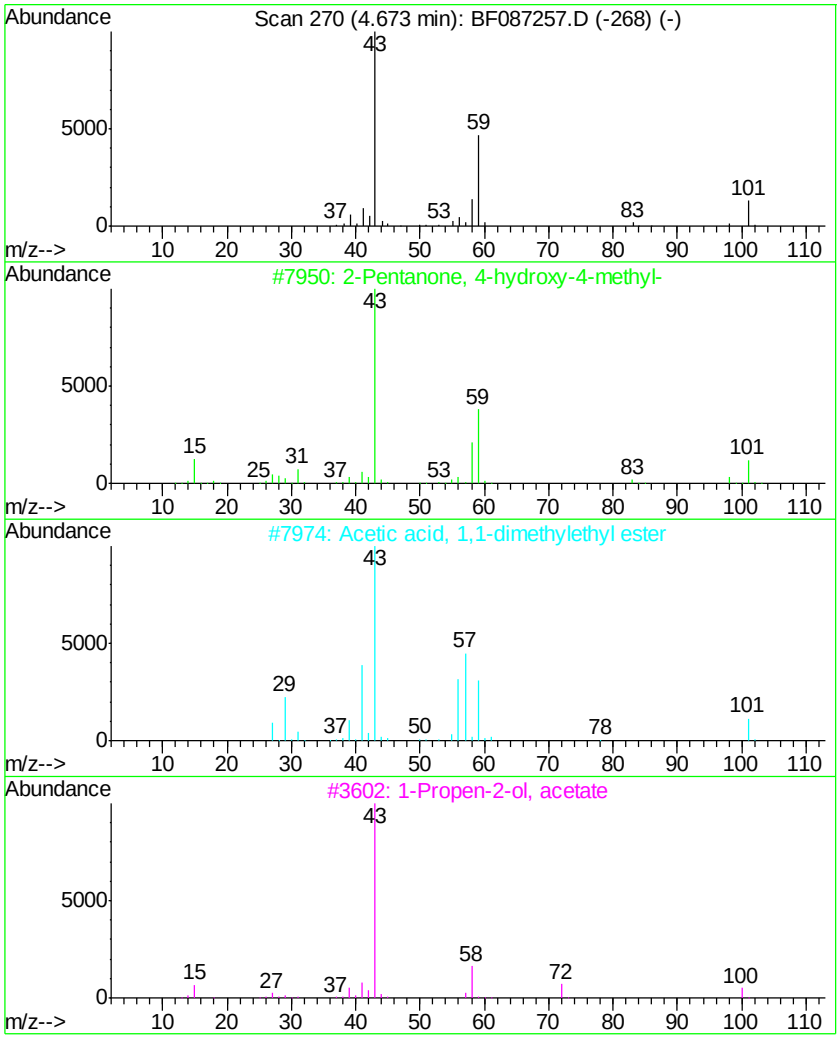
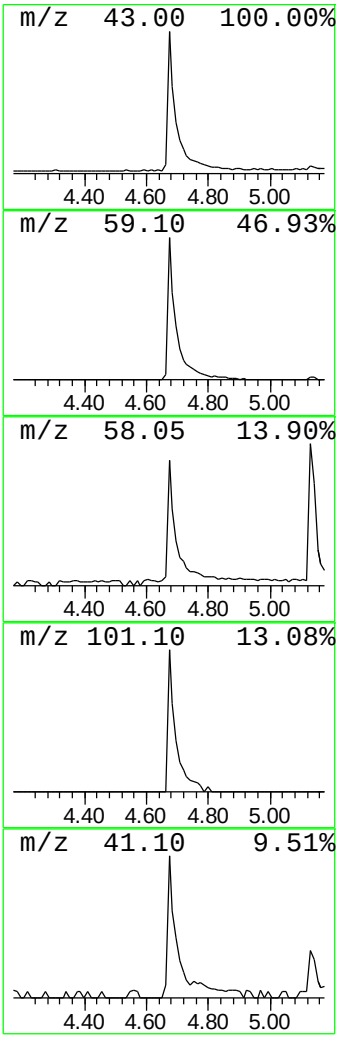
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	7.27 ng	305937	1,4-Dichlorobenzene-d4	6.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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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Sample : H3167-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-MW-11

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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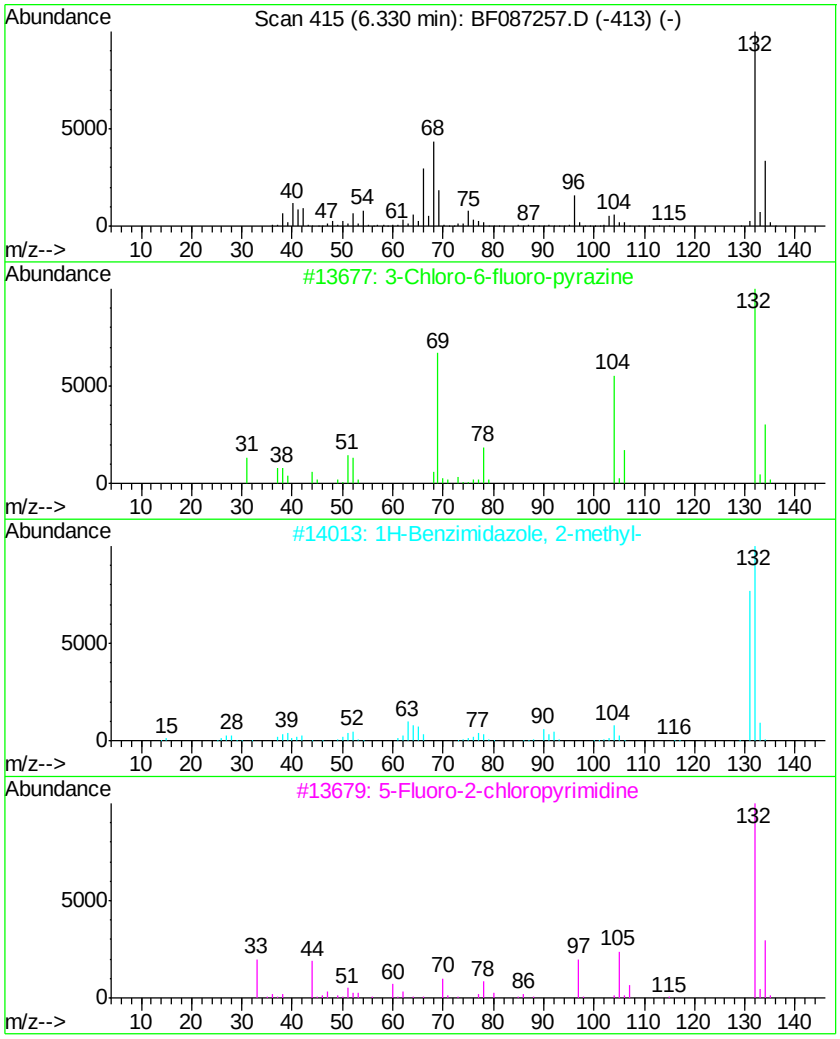
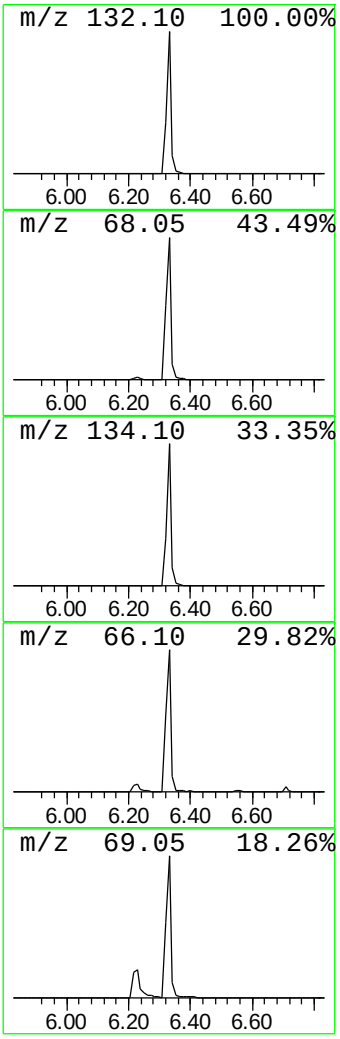
Peak Number 3 unknown6.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	96.86 ng	4077610	1,4-Dichlorobenzene-d4	6.56

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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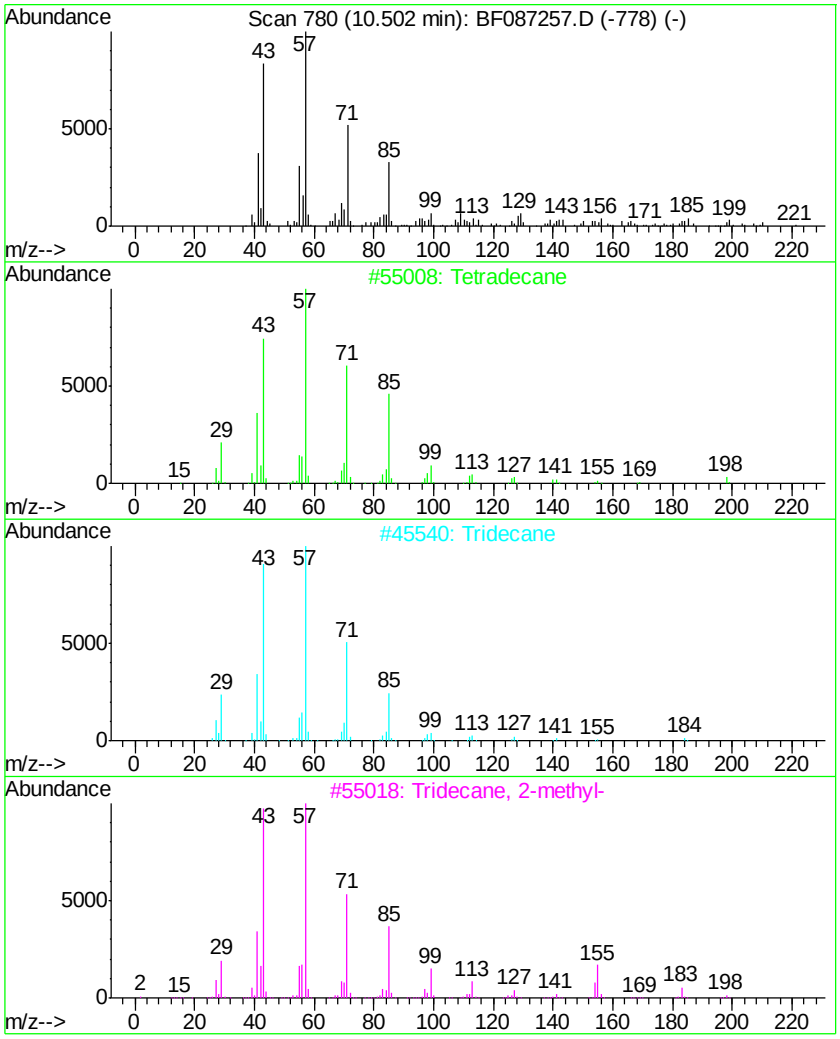
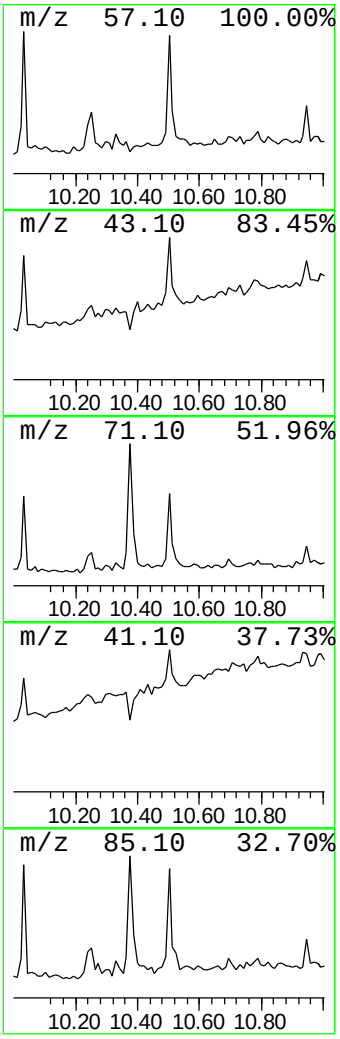
Peak Number 5 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	2.28 ng	116243	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Tridecane	184	C13H28	000629-50-5	76
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
4	Undecane	156	C11H24	001120-21-4	72
5	Eicosane	282	C20H42	000112-95-8	68





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ClientSampleId : RAV-MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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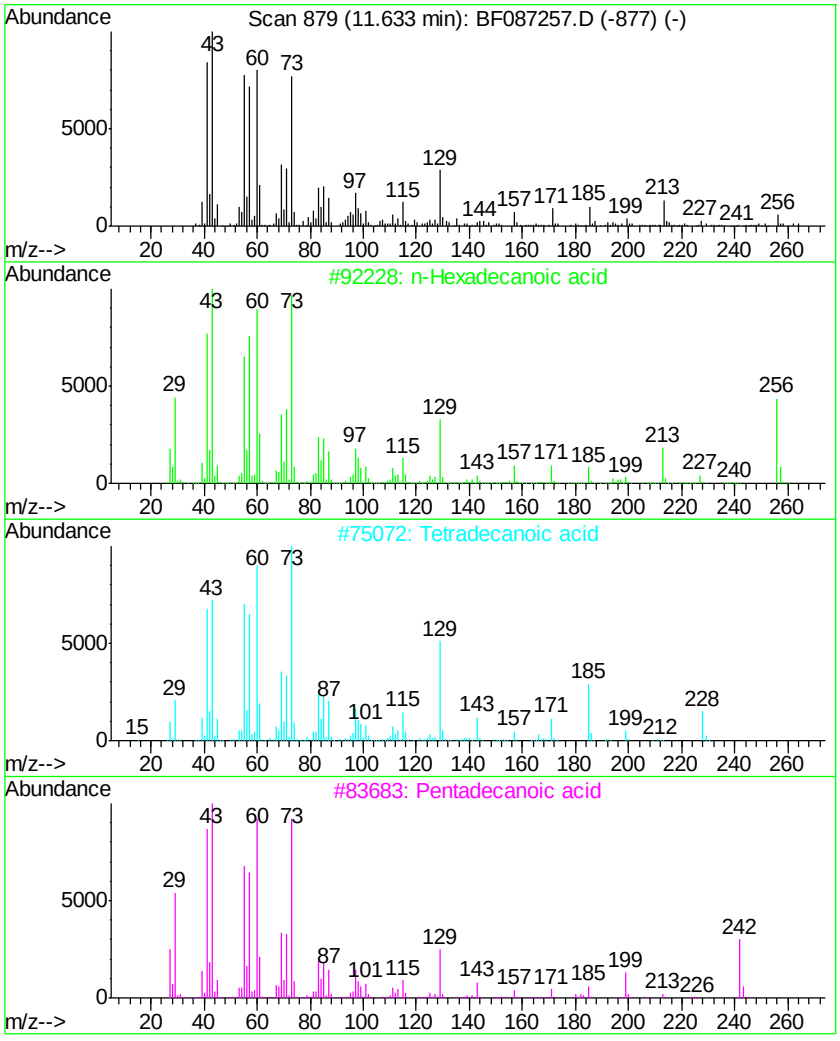
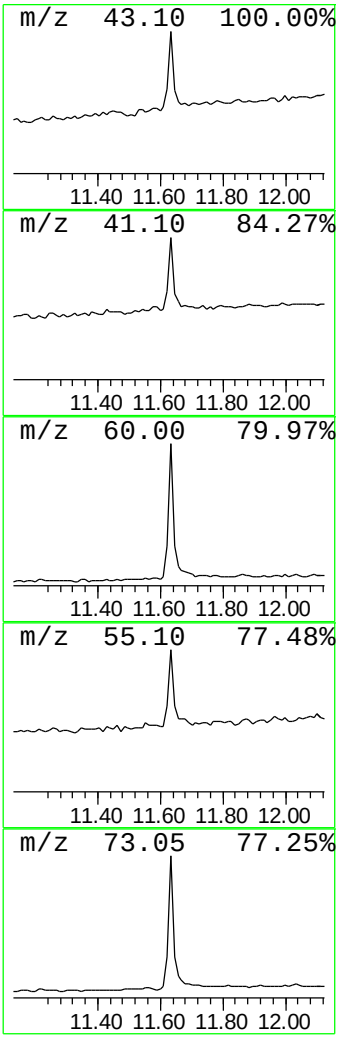
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	6.34 ng	323384	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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Sample : H3167-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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TIC Library : C:\DATABASE\NIST02.L
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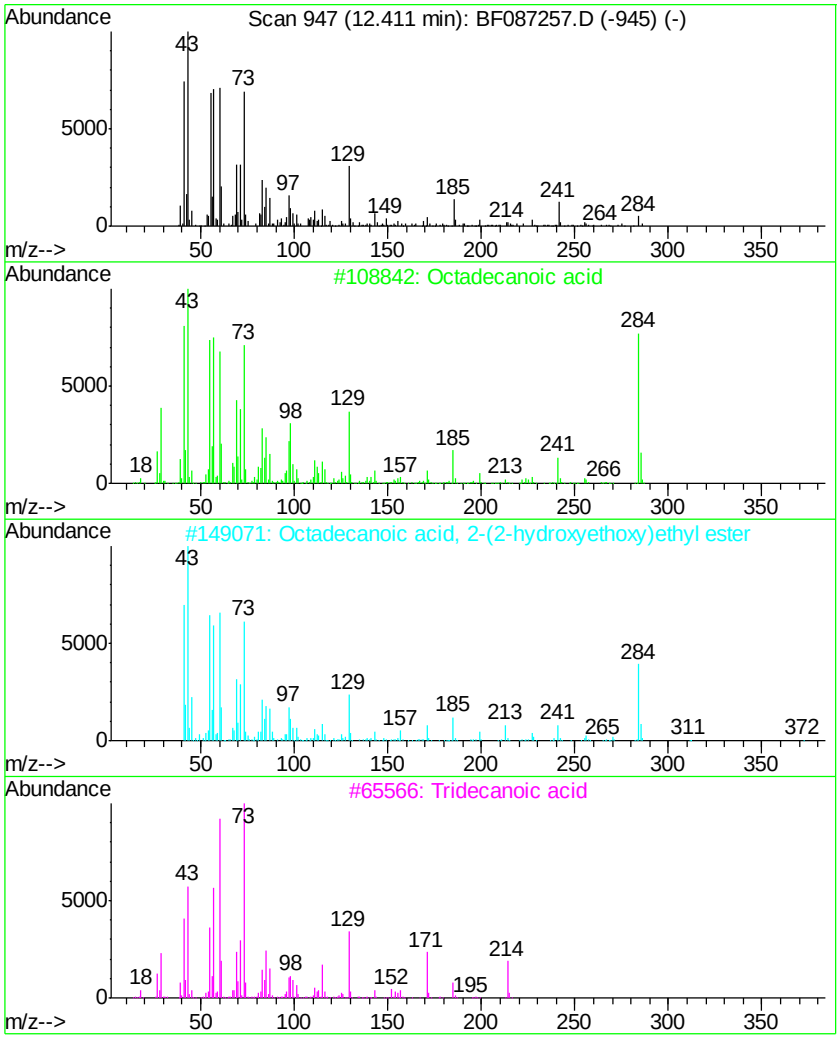
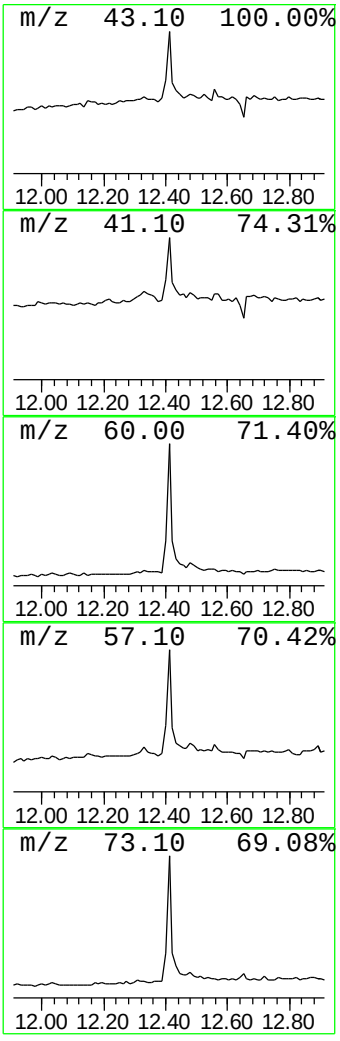
Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	9.85 ng	324708	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	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
2-Pentanone, 4-hy...	4.67	7.3	ng	305937	1	6.56	842000	20.0
unknown6.33	6.33	96.9	ng	4077610	1	6.56	842000	20.0
Tetradecane	10.50	2.3	ng	116243	4	11.06	1020160	20.0
n-Hexadecanoic acid	11.63	6.3	ng	323384	4	11.06	1020160	20.0
Octadecanoic acid	12.41	9.8	ng	324708	5	13.70	659352	20.0