LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087552.D
Acq On : 30 May 2016 15:55
Operator : UM/SJ
Sample : H3317-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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-BF052316.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	5.393	331	333	350	rVB	379476	1171420	1.54%	0.631%
2	7.142	484	486	498	rVB	1229608	3244366	4.27%	1.747%
3	7.702	533	535	539	rBV	1840089	2439764	3.21%	1.314%
4	7.873	539	550	553	rVV	5858122	31080169	40.92%	16.736%
5	8.399	594	596	609	rVB	1581061	2352813	3.10%	1.267%
6	9.508	691	693	696	rBV	701129	1180110	1.55%	0.635%
7	9.885	724	726	727	rVB	1927871	2571159	3.39%	1.385%
8	10.022	732	738	739	rBV	4372834	9282592	12.22%	4.999%
9	10.068	739	742	745	rVV	4203848	8941224	11.77%	4.815%
10	11.279	845	848	851	rVB	2646166	3589061	4.73%	1.933%
11	12.331	938	940	944	rBV	763103	1153180	1.52%	0.621%
12	13.634	1052	1054	1058	rBV	1367708	2182071	2.87%	1.175%
13	14.011	1083	1087	1090	rVB2	464283	765393	1.01%	0.412%
14	14.068	1090	1092	1094	rBV2	537408	833898	1.10%	0.449%
15	14.502	1120	1130	1133	rBV2	2643194	10197622	13.43%	5.491%
16	14.743	1149	1151	1157	rVB	563986	909950	1.20%	0.490%
17	15.291	1196	1199	1202	rVB	921341	1309407	1.72%	0.705%
18	15.977	1235	1259	1261	rBV	8001750	75955325	100.00%	40.901%
19	16.228	1278	1281	1283	rVB	750765	1002472	1.32%	0.540%
20	16.354	1290	1292	1303	rVB	397697	875611	1.15%	0.472%
21	16.823	1322	1333	1334	rBV	3850389	15469991	20.37%	8.330%
22	16.926	1339	1342	1345	rVB	3295077	5979672	7.87%	3.220%
23	17.097	1355	1357	1362	rBV	1955724	2415176	3.18%	1.301%
24	20.149	1622	1624	1638	rVB	285724	803045	1.06%	0.432%

Sum of corrected areas: 185705491

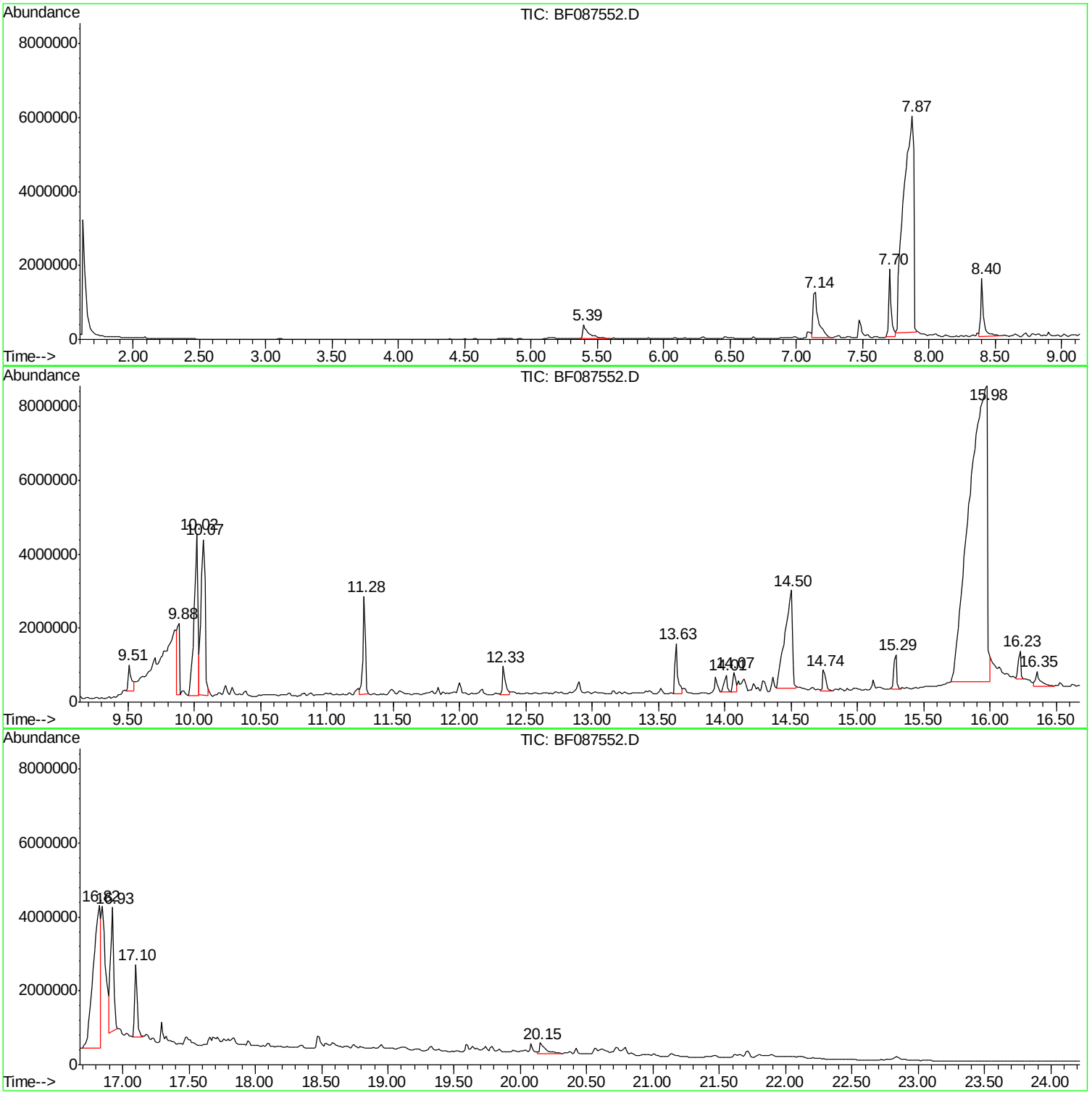
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087552.D
Acq On : 30 May 2016 15:55
Operator : UM/SJ
Sample : H3317-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087552.D
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Operator : UM/SJ
Sample : H3317-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

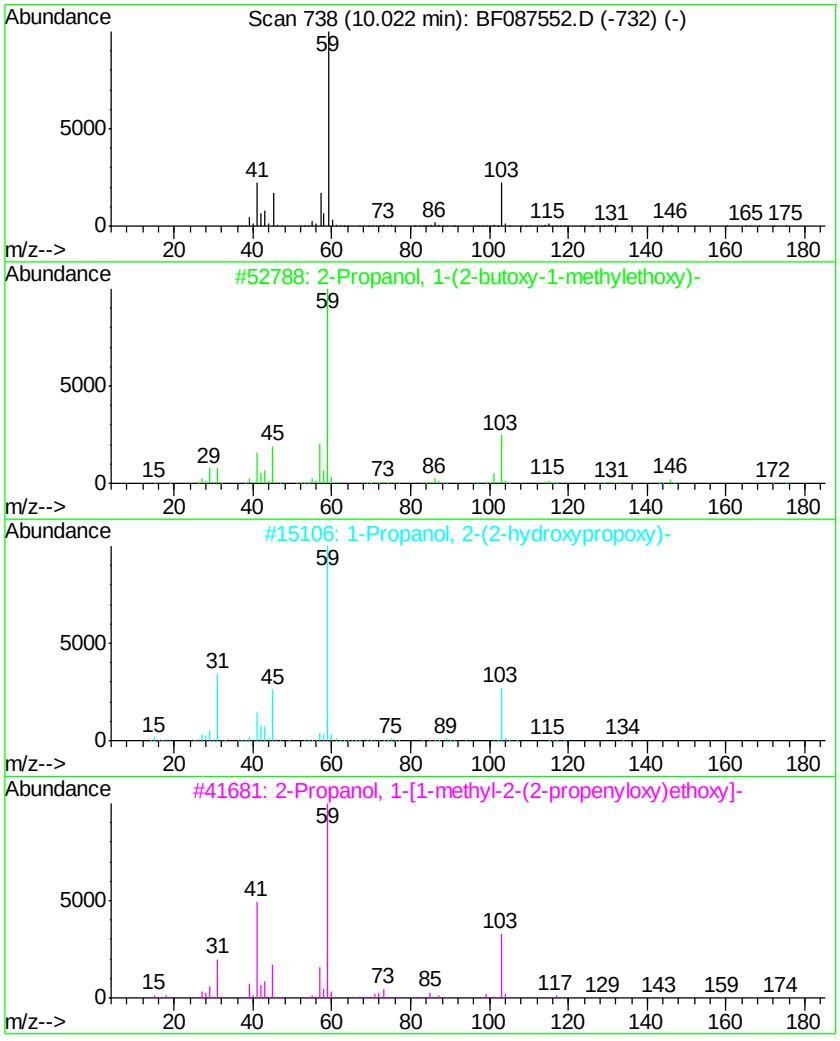
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

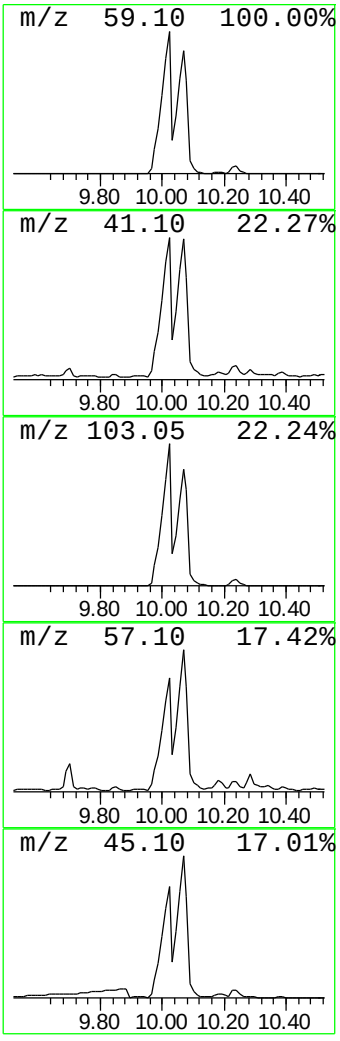
****

Peak Number 3 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	157.32 ng	9282590	Naphthalene-d8	9.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	83
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
4	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
5	1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-4	64





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Operator : UM/SJ
Sample : H3317-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

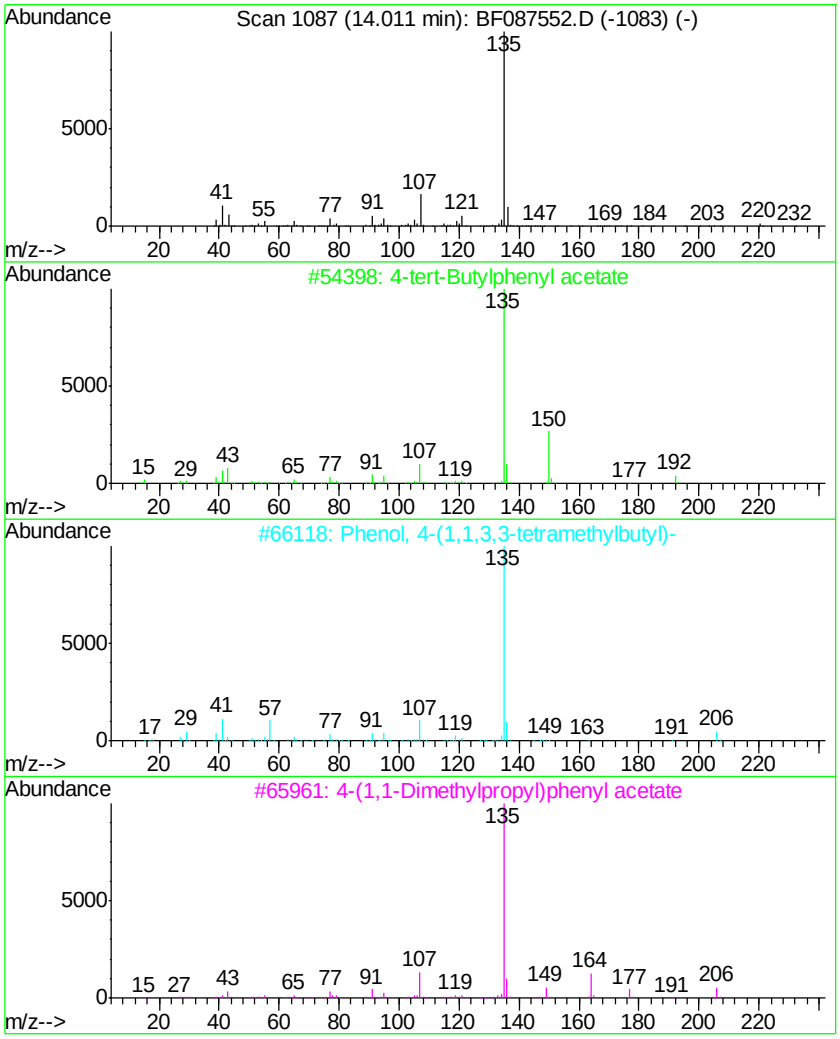
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

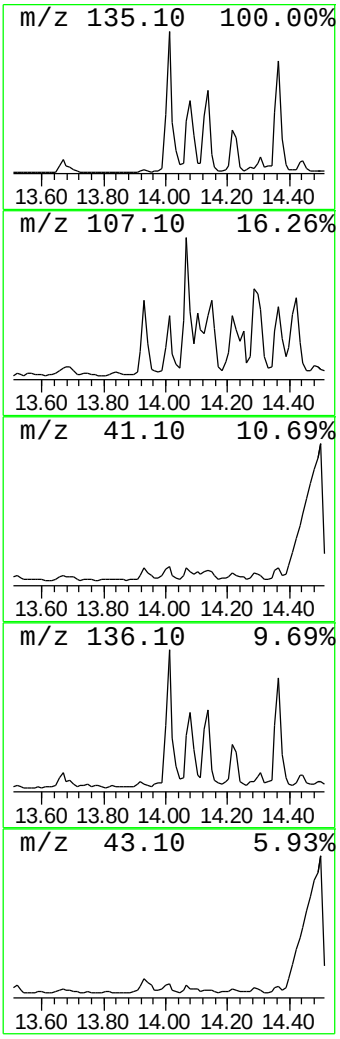
****

Peak Number 5 4-tert-Butylphenyl acetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	16.82 ng	765393	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
4	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	72
5	Butane, 1,3-dibromo-	214	C4H8Br2	000107-80-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087552.D
Acq On : 30 May 2016 15:55
Operator : UM/SJ
Sample : H3317-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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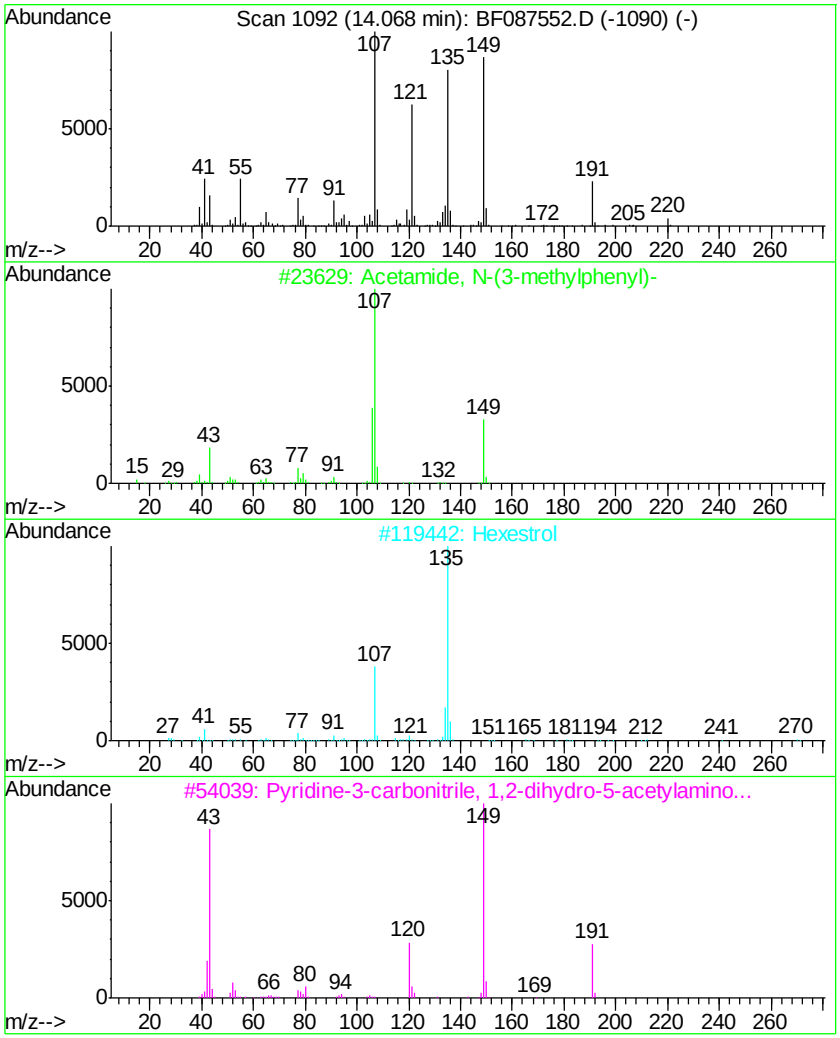
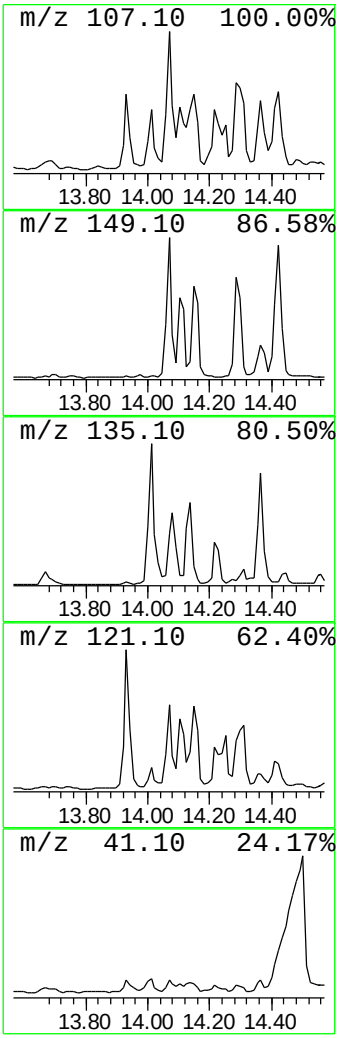
Peak Number 6 unknown14.07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	18.33 ng	833898	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
2	Hexestrol	270	C18H22O2	005635-50-7	35
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	22
4	Phthalic acid, hex-2-yn-4-yl pro...	288	C17H20O4	1000315-19-1	22
5	1-(2,6-Dimethyl-4-propoxyphenyl)...	220	C14H20O2	1000190-22-3	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087552.D
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Operator : UM/SJ
Sample : H3317-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

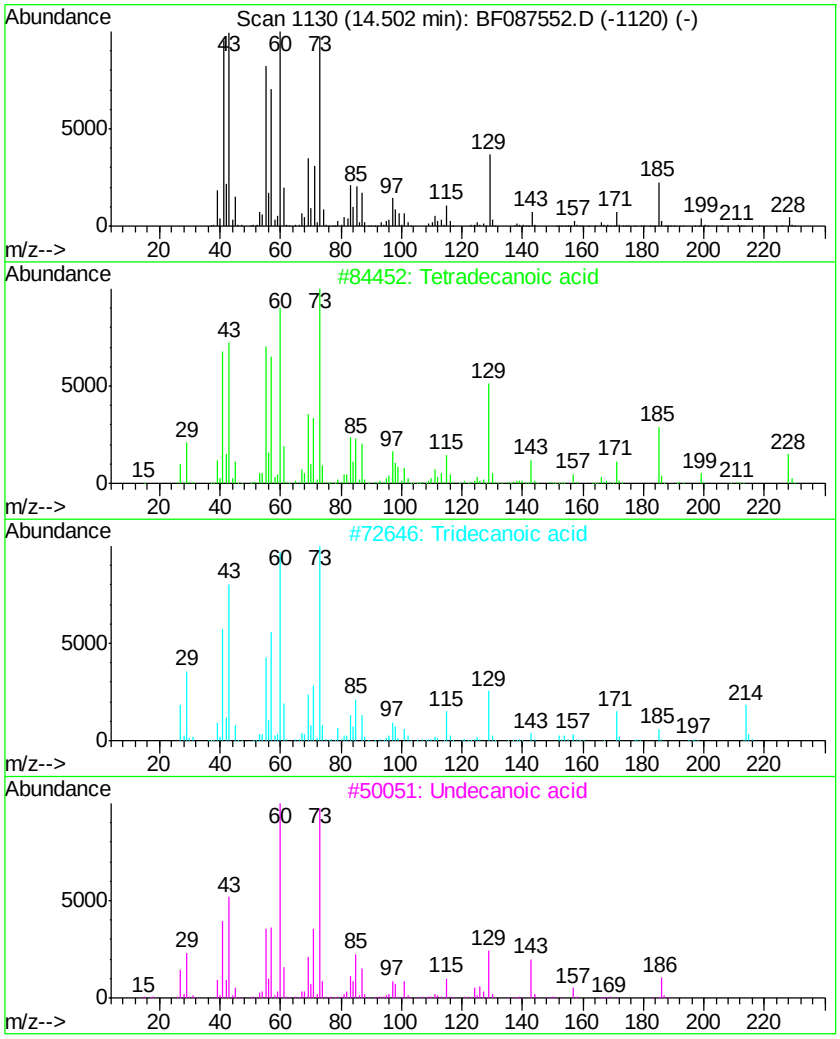
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

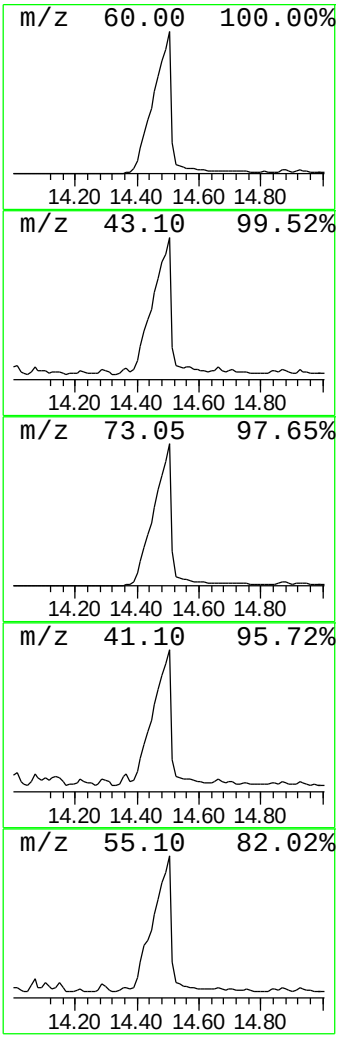
****

Peak Number 7 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	224.14 ng	10197600	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Undecanoic acid	186	C11H22O2	000112-37-8	70
4	Dodecanoic acid	200	C12H24O2	000143-07-7	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Operator : UM/SJ
Sample : H3317-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

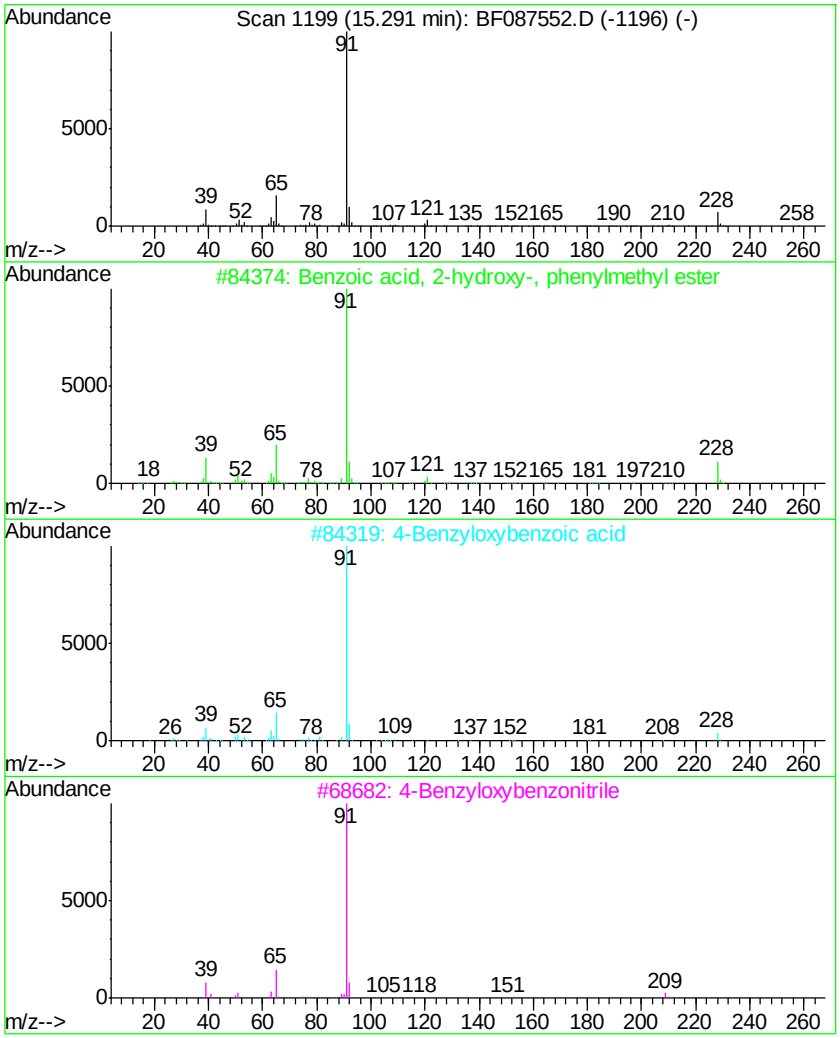
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

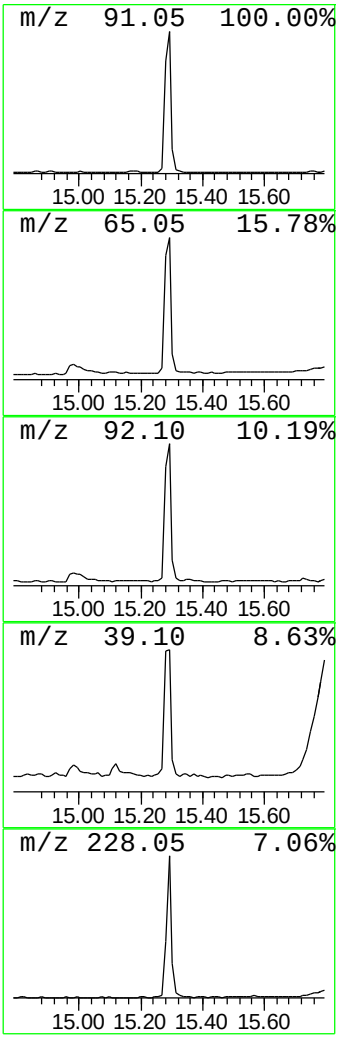
****

Peak Number 8 Benzoic acid, 2-hydroxy-, p... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	28.78 ng	1309410	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-hydroxy-, phenyl...	228	C14H12O3	000118-58-1	94
2	4-Benzyloxybenzoic acid	228	C14H12O3	001486-51-7	72
3	4-Benzyloxybenzonitrile	209	C14H11NO	052805-36-4	59
4	Benzenepropionic acid, 4-benzyloxy-	256	C16H16O3	050463-48-4	59
5	1-Bromo-2-benzyloxybenzene	262	C13H11BrO	031575-75-4	59





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Data File : BF087552.D
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Sample : H3317-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

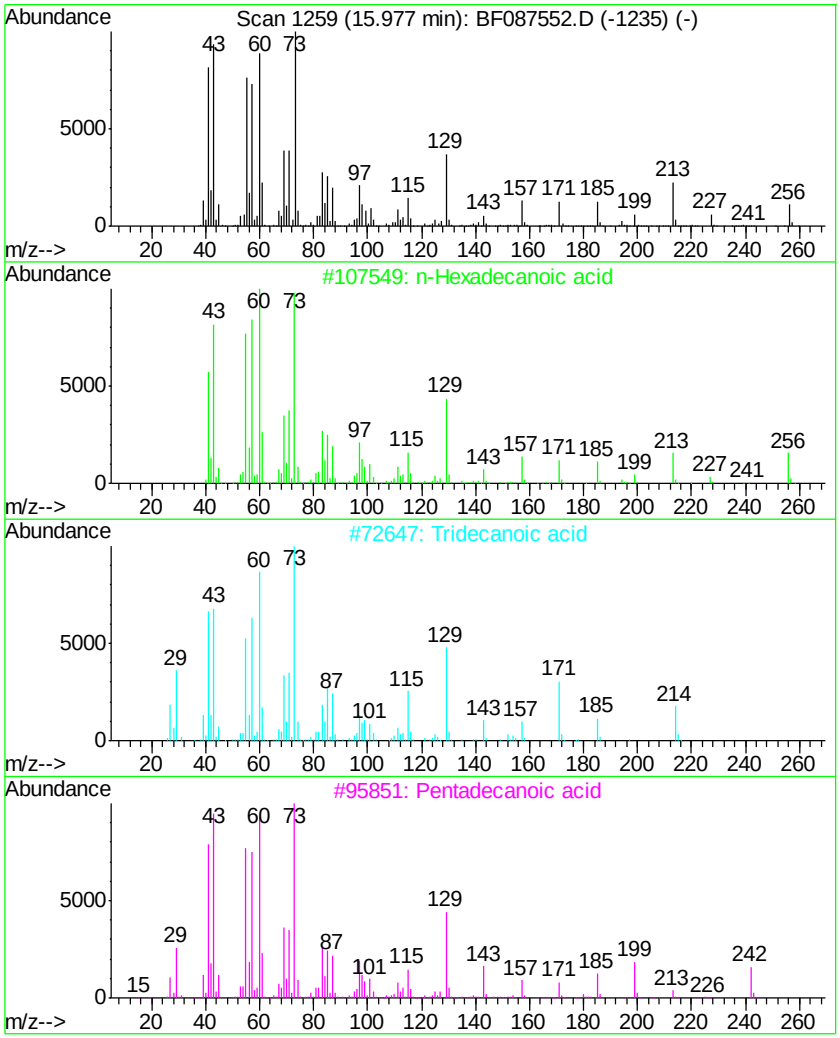
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

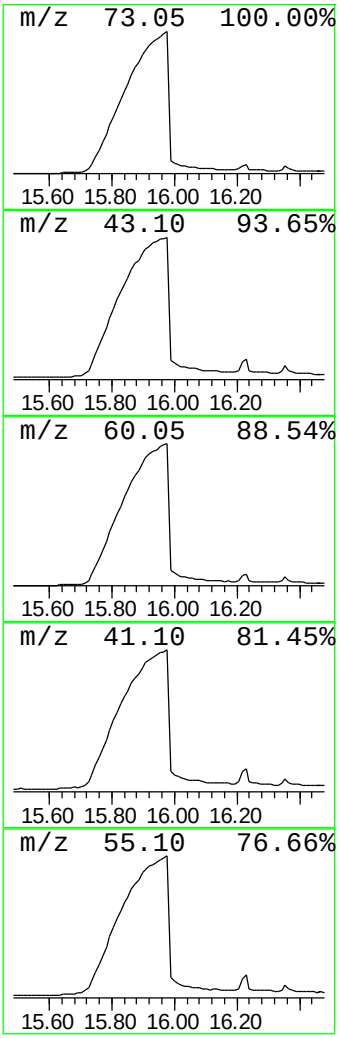
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	1669.44 ng	75955300	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	18





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Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

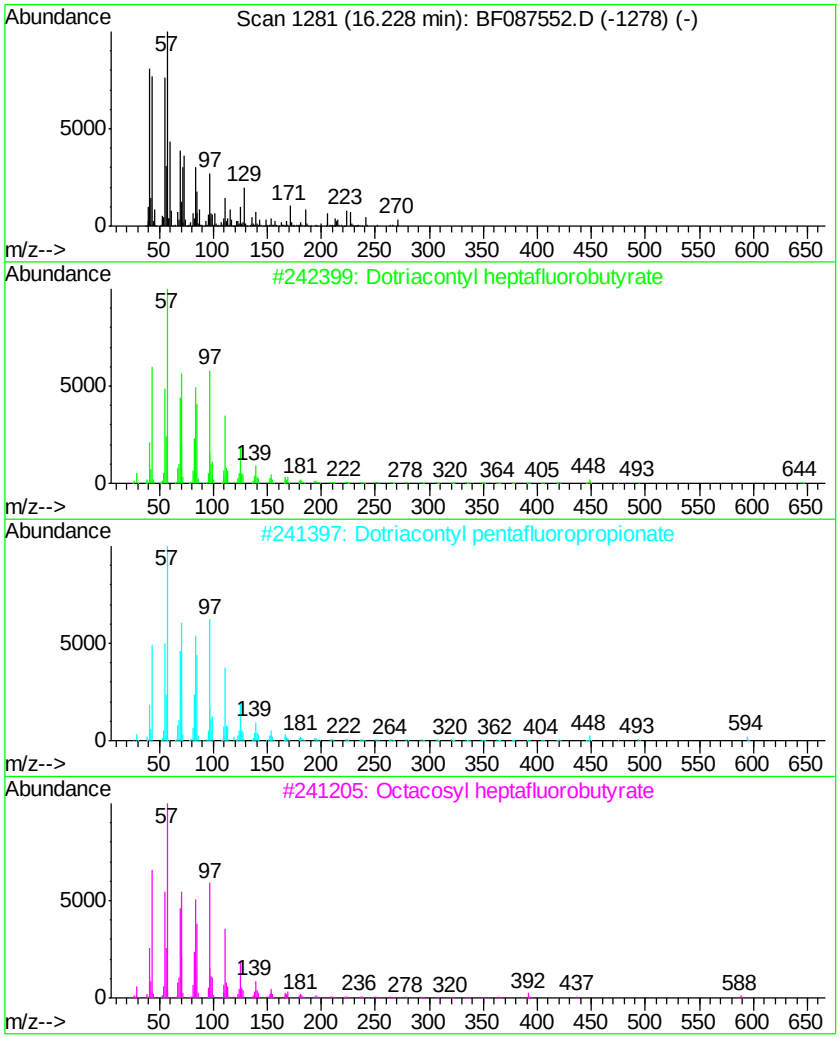
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

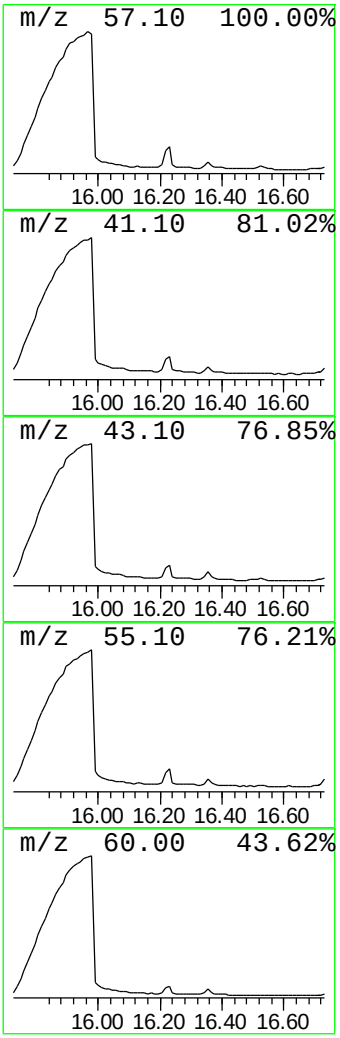
****

Peak Number 10 unknown16.23 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	22.03 ng	1002470	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	43
2	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	43
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	43
4	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	43
5	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	43





Library Search Compound Report

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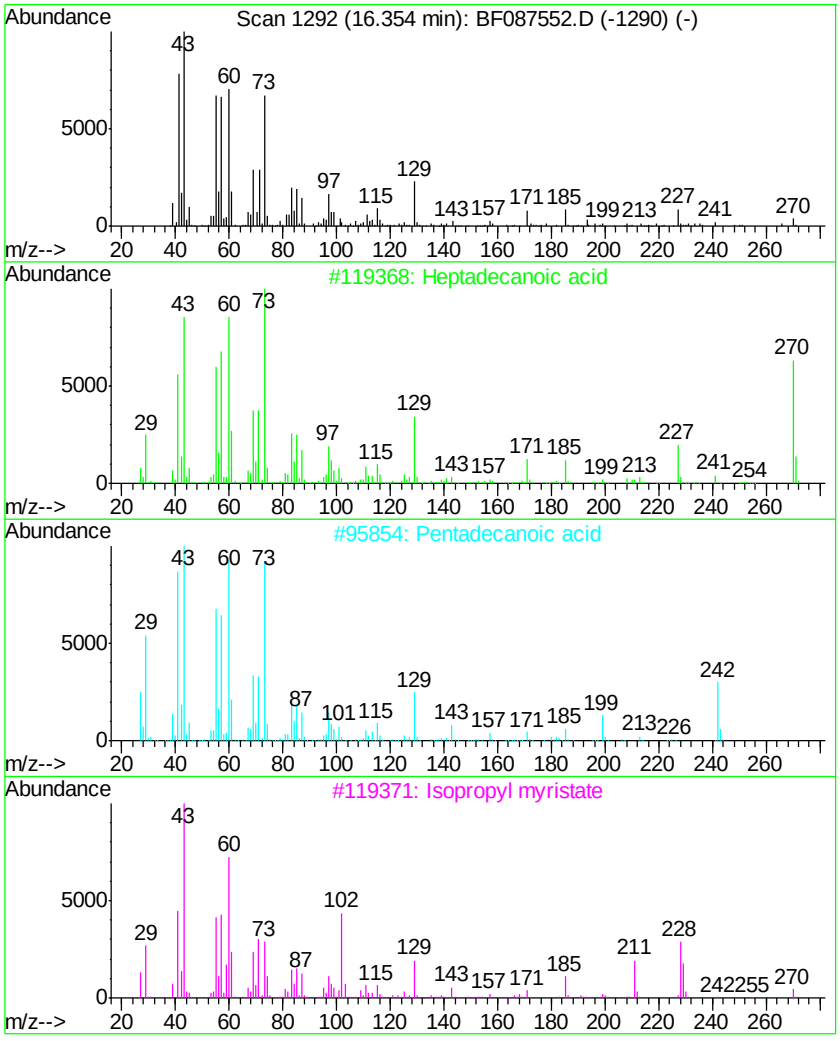
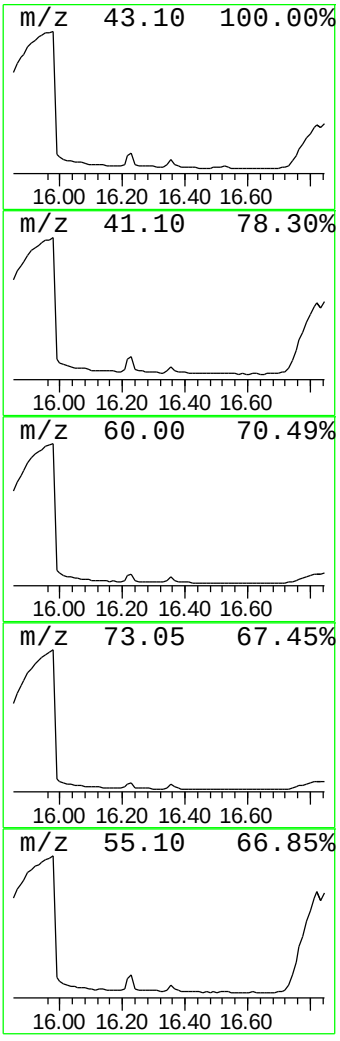
Peak Number 11 Heptadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	19.25 ng	875611	Phenanthrene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Isopropyl myristate	270	C17H34O2	000110-27-0	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

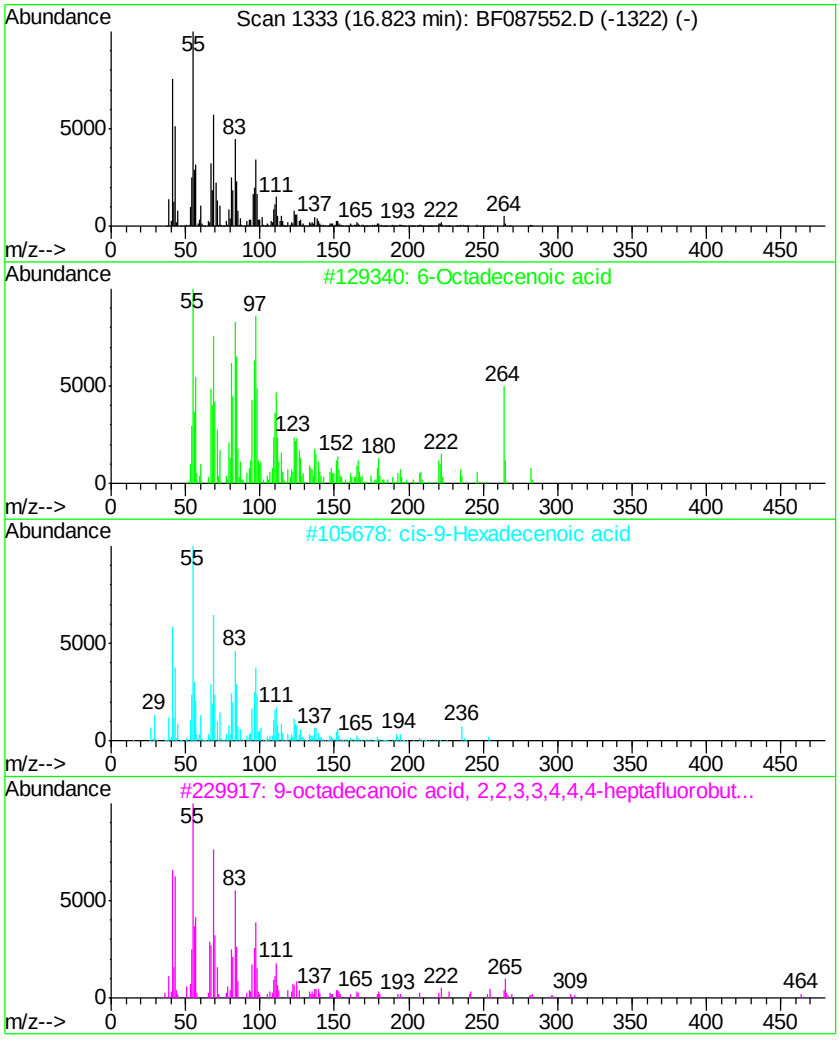
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

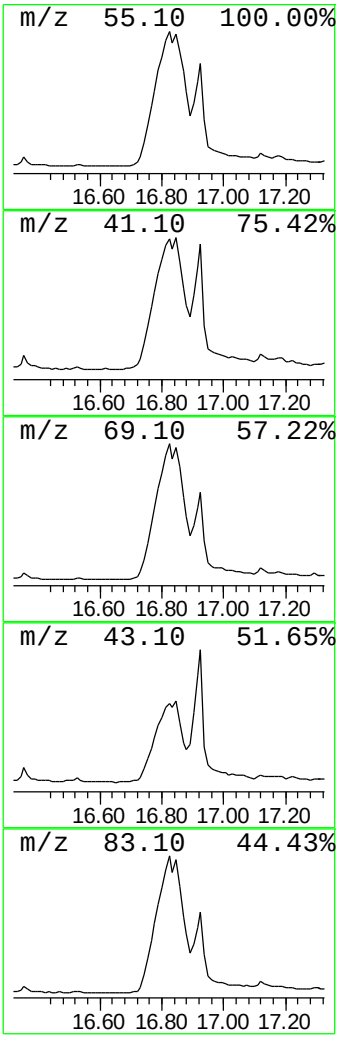
****

Peak Number 12 6-Octadecenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	128.11 ng	15470000	Chrysene-d12	18.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	96
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
3	9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	91
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087552.D
Acq On : 30 May 2016 15:55
Operator : UM/SJ
Sample : H3317-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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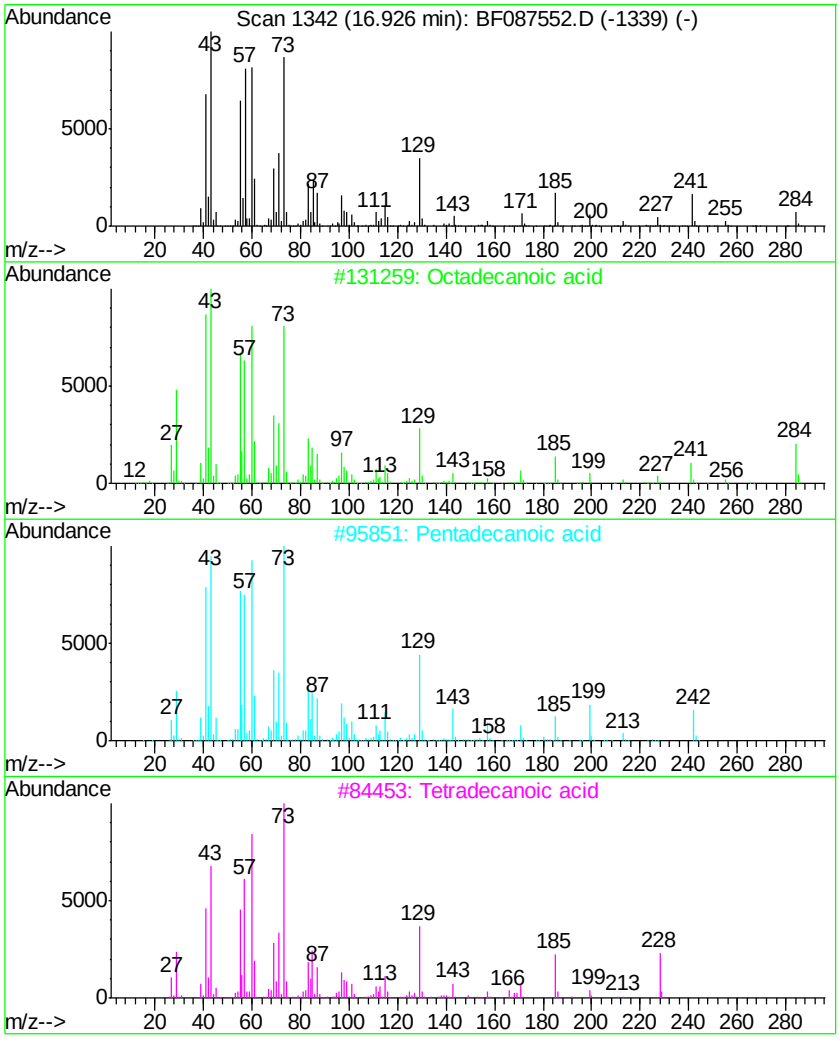
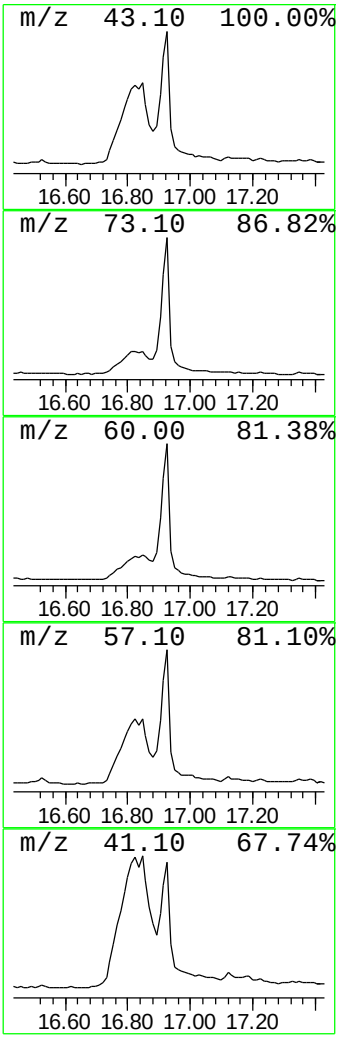
****

Peak Number 13 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	49.52 ng	5979670	Chrysene-d12	18.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
Data File : BF087552.D
Acq On : 30 May 2016 15:55
Operator : UM/SJ
Sample : H3317-06
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propanol, 1-(2-...	10.02	157.3	ng	9282590	2	9.51	1180110	20.0
4-tert-Butylpheny...	14.01	16.8	ng	765393	4	14.74	909950	20.0
unknown14.07	14.07	18.3	ng	833898	4	14.74	909950	20.0
Tetradecanoic acid	14.50	224.1	ng	10197600	4	14.74	909950	20.0
Benzoic acid, 2-h...	15.29	28.8	ng	1309410	4	14.74	909950	20.0
n-Hexadecanoic acid	15.98	1669.4	ng	75955300	4	14.74	909950	20.0
unknown16.23	16.23	22.0	ng	1002470	4	14.74	909950	20.0
Heptadecanoic acid	16.35	19.3	ng	875611	4	14.74	909950	20.0
6-Octadecenoic acid	16.82	128.1	ng	15470000	5	18.48	2415180	20.0
Octadecanoic acid	16.93	49.5	ng	5979670	5	18.48	2415180	20.0