LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087716.D
Acq On : 5 Jun 2016 19:21
Operator : UM/SJ
Sample : H3362-10
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0961-9008

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-BF060416.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	1.770	15	16	26	rVB	330684	567921	15.30%	1.851%
2	1.907	26	28	46	rVB	2019821	3712044	100.00%	12.101%
3	2.136	46	48	81	rVB3	105988	422164	11.37%	1.376%
4	5.039	300	302	305	rBV	89673	104744	2.82%	0.341%
5	5.450	335	338	341	rBV	1451579	1320117	35.56%	4.304%
6	6.479	425	428	430	rBV	1022337	852147	22.96%	2.778%
7	6.627	438	441	443	rBV	2350252	2645074	71.26%	8.623%
8	6.856	459	461	464	rBV	996477	859272	23.15%	2.801%
9	7.016	472	475	477	rBV	2610485	2427650	65.40%	7.914%
10	7.428	507	511	513	rBV	1859094	2242872	60.42%	7.312%
11	8.148	571	574	576	rBV	1095361	1193108	32.14%	3.890%
12	9.222	665	668	671	rBV	3042181	3541086	95.39%	11.544%
13	9.611	700	702	705	rBV	102221	126823	3.42%	0.413%
14	9.896	725	727	730	rVB	1342347	1273806	34.32%	4.153%
15	10.285	758	761	762	rBV	176991	174481	4.70%	0.569%
16	10.685	793	796	799	rBV	2025796	2073996	55.87%	6.761%
17	11.382	854	857	859	rVB	1427894	1350157	36.37%	4.402%
18	11.622	875	878	882	rBV	52542	91798	2.47%	0.299%
19	12.799	978	981	983	rBV	202232	201688	5.43%	0.658%
20	12.971	993	996	998	rBV	3218479	3313138	89.25%	10.801%
21	13.497	1040	1042	1044	rBV	138681	142135	3.83%	0.463%
22	13.874	1073	1075	1082	rBV	33290	46767	1.26%	0.152%
23	14.011	1084	1087	1089	rBV	1247162	1126439	30.35%	3.672%
24	15.440	1209	1212	1215	rBV	712804	865083	23.30%	2.820%

Sum of corrected areas: 30674510

LSC Report - Integrated Chromatogram

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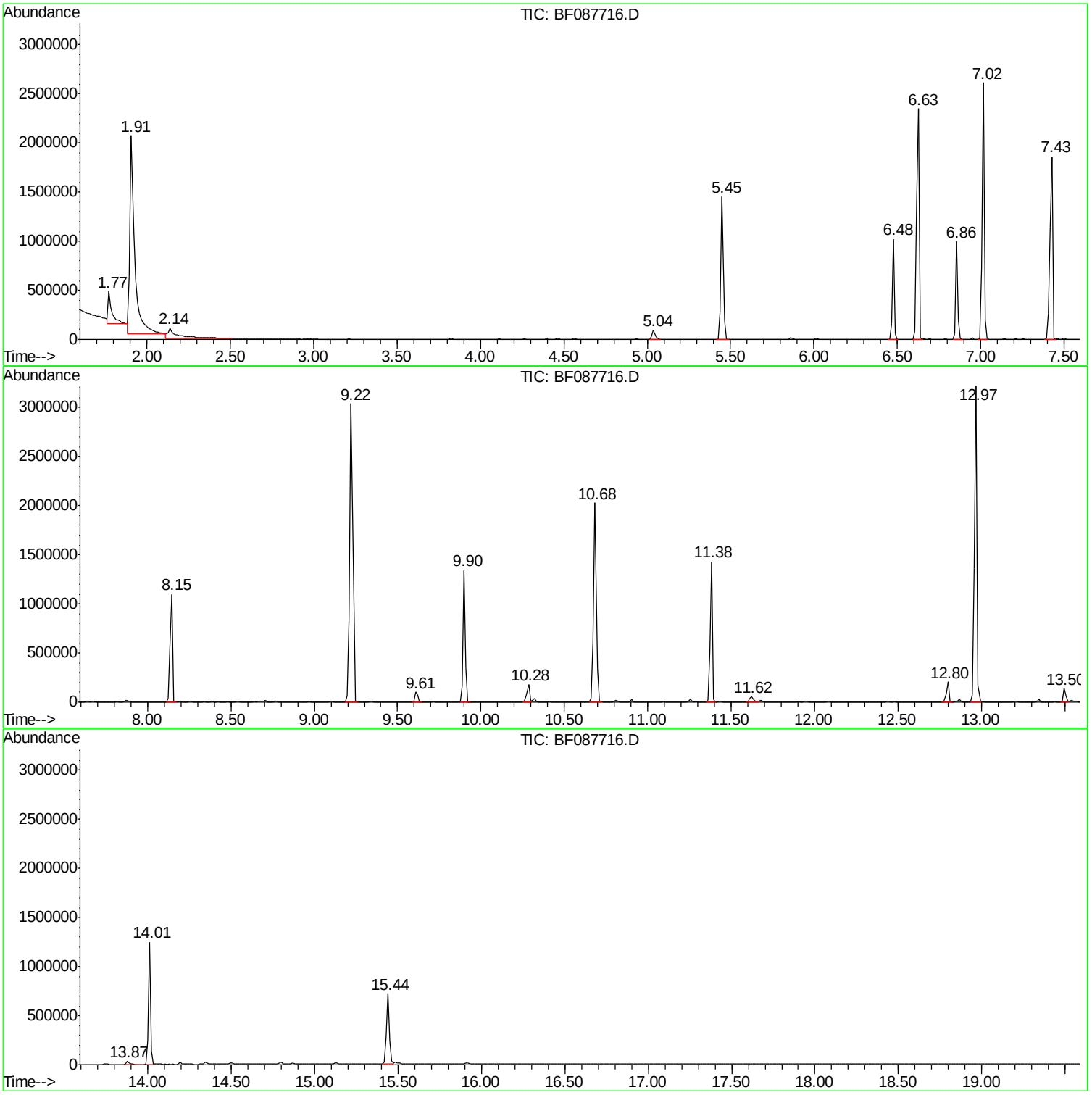
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0961-9008

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.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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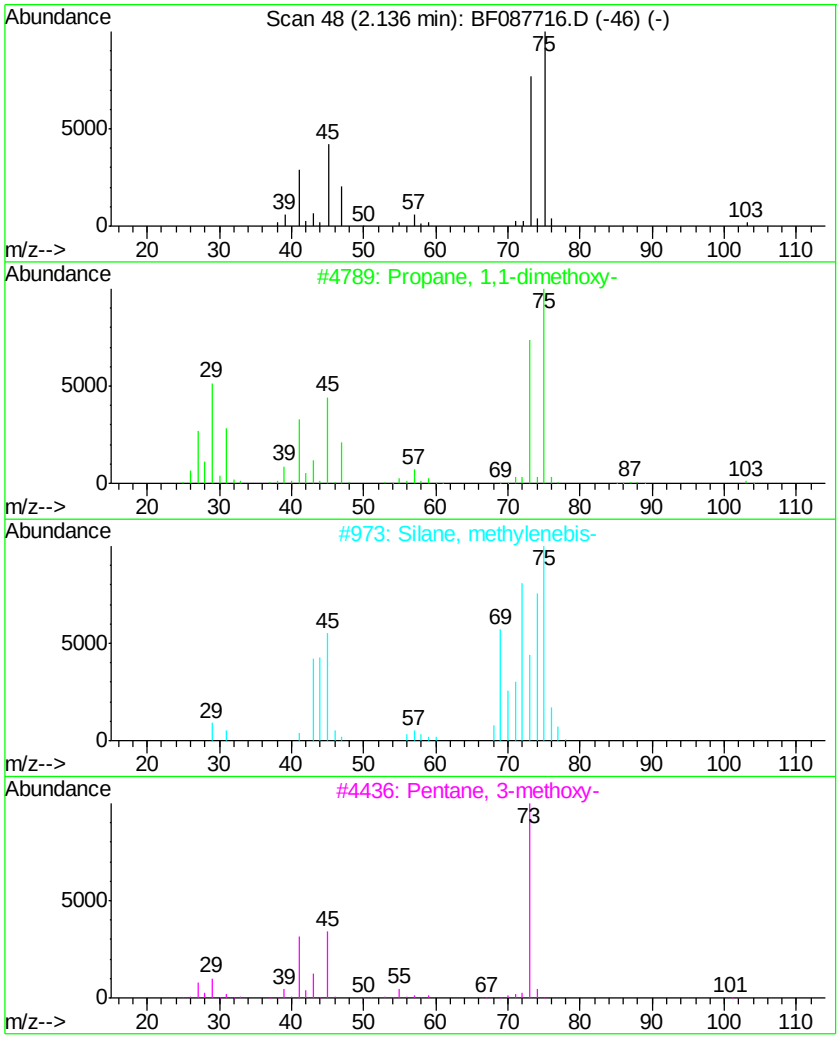
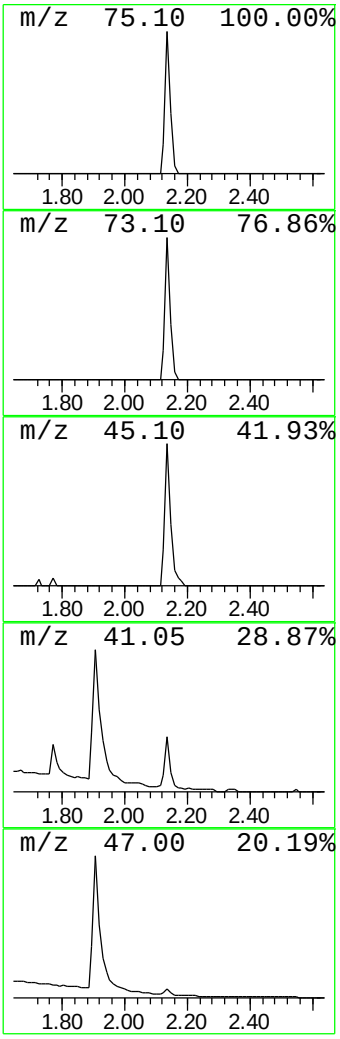
Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	9.83 ng	422164	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Silane, methylenebis-	76	CH8Si2	001759-88-2	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	27
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9





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Misc :
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Instrument : BNA_F
ClientSampleId : SP16-JMW0961-9008

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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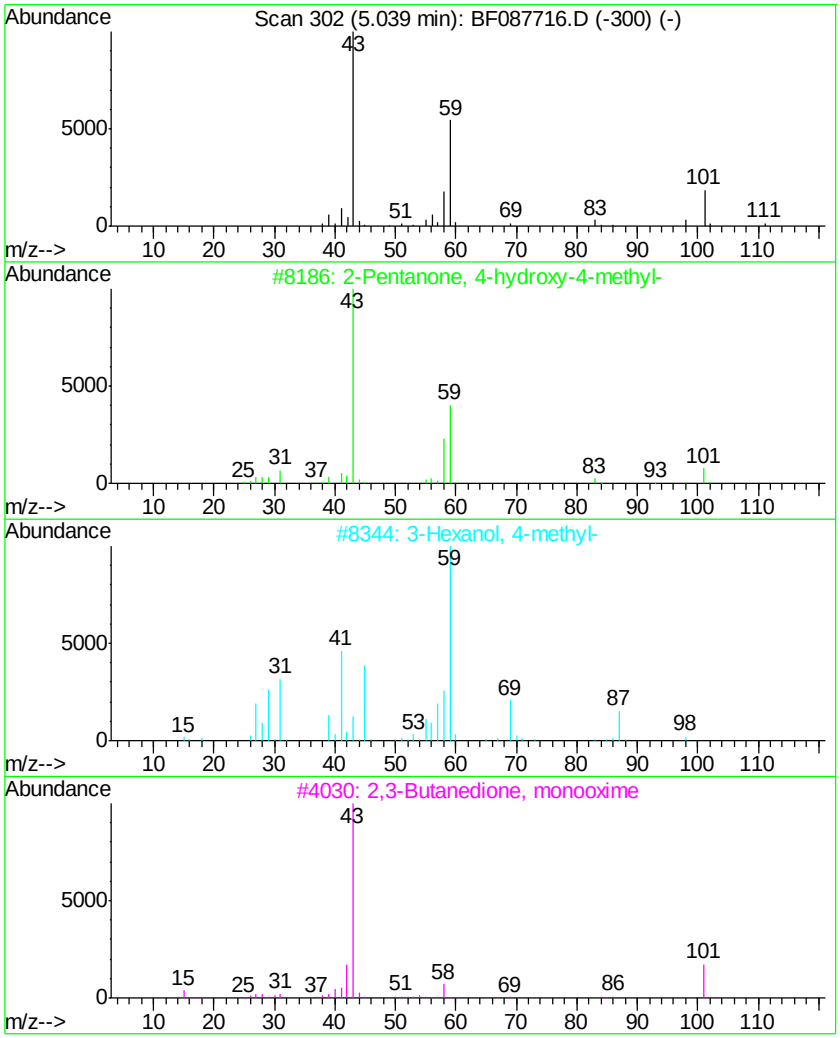
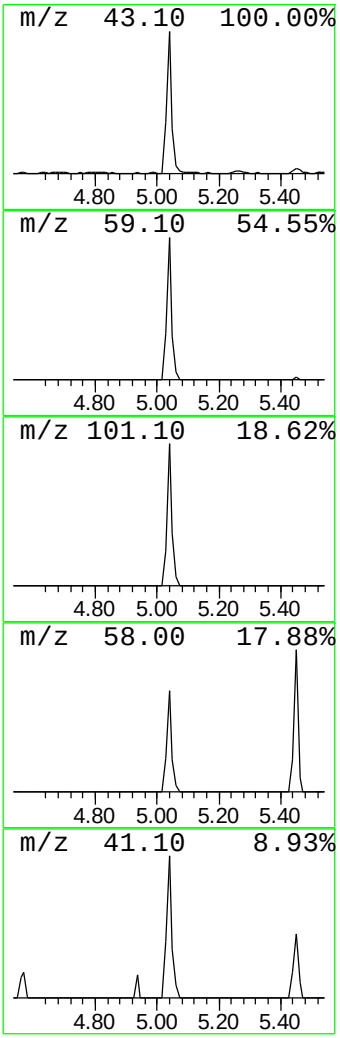
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	2.44 ng	104744	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : UM/SJ
Sample : H3362-10
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0961-9008

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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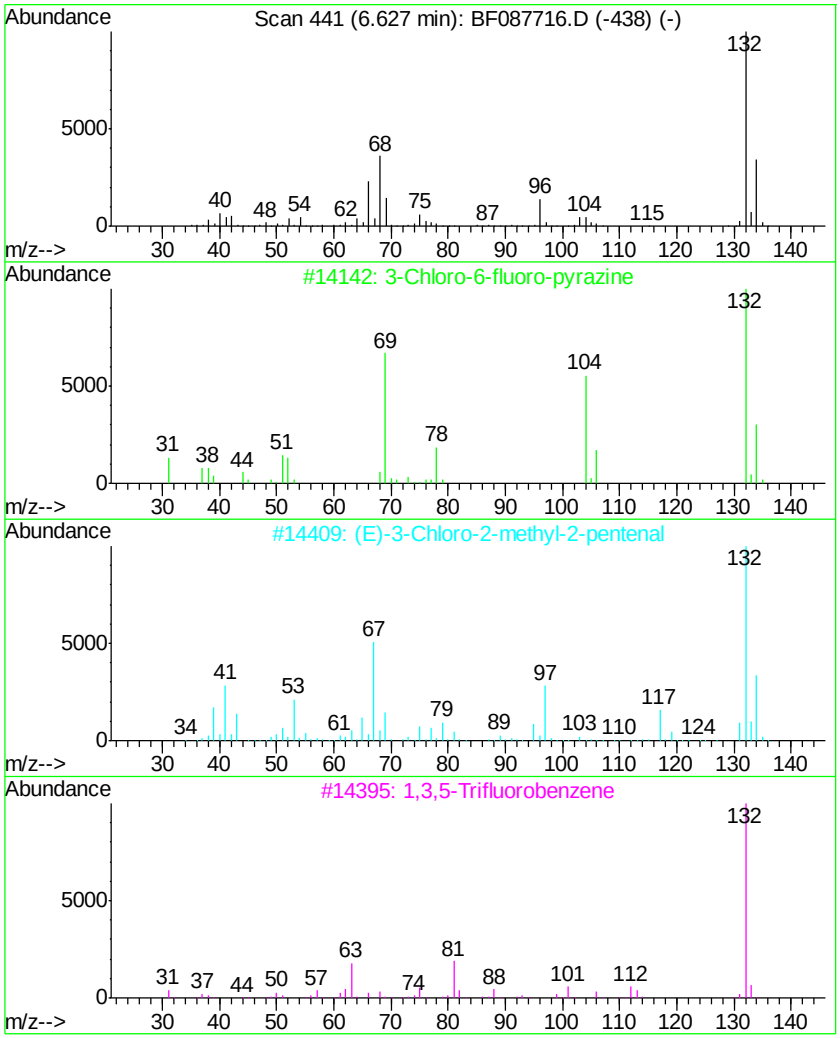
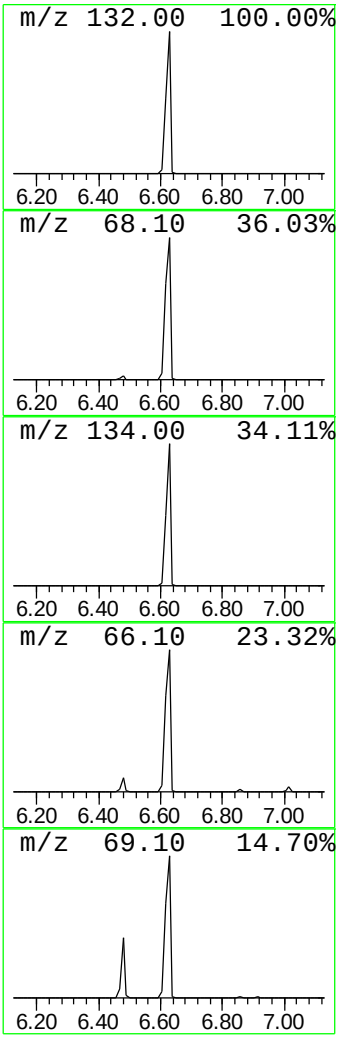
Peak Number 5 unknown6.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	61.57 ng	2645070	1,4-Dichlorobenzene-d4	6.86

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	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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ClientSampleId : SP16-JMW0961-9008

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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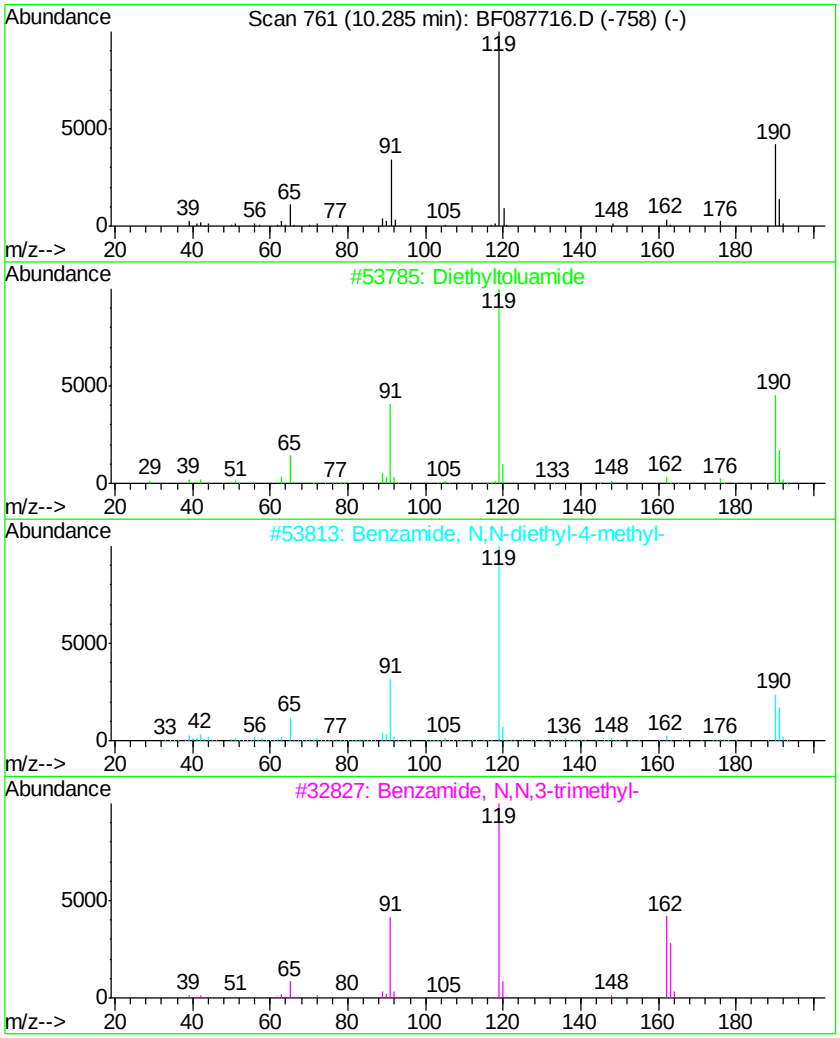
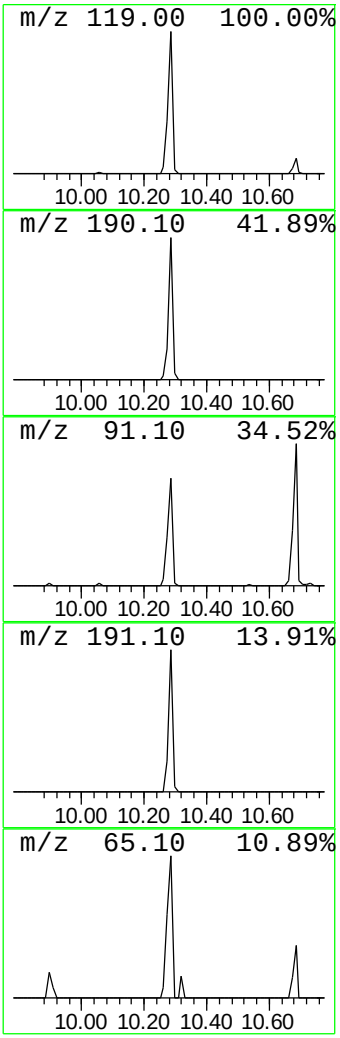
Peak Number 7 Diethyltoluamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.74 ng	174481	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	95
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	Benzamide, N,N,3-trimethyl-	163	C10H13NO	006935-65-5	50
4	m-Toluic acid, 4-cyanophenyl ester	237	C15H11NO2	1000307-56-9	49
5	Benzoic acid, 4-methyl-, N'-(6-c...	314	C16H15ClN4O	1000316-53-7	47





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Sample : H3362-10
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-JMW0961-9008

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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TIC Library : C:\Database\NIST11.L
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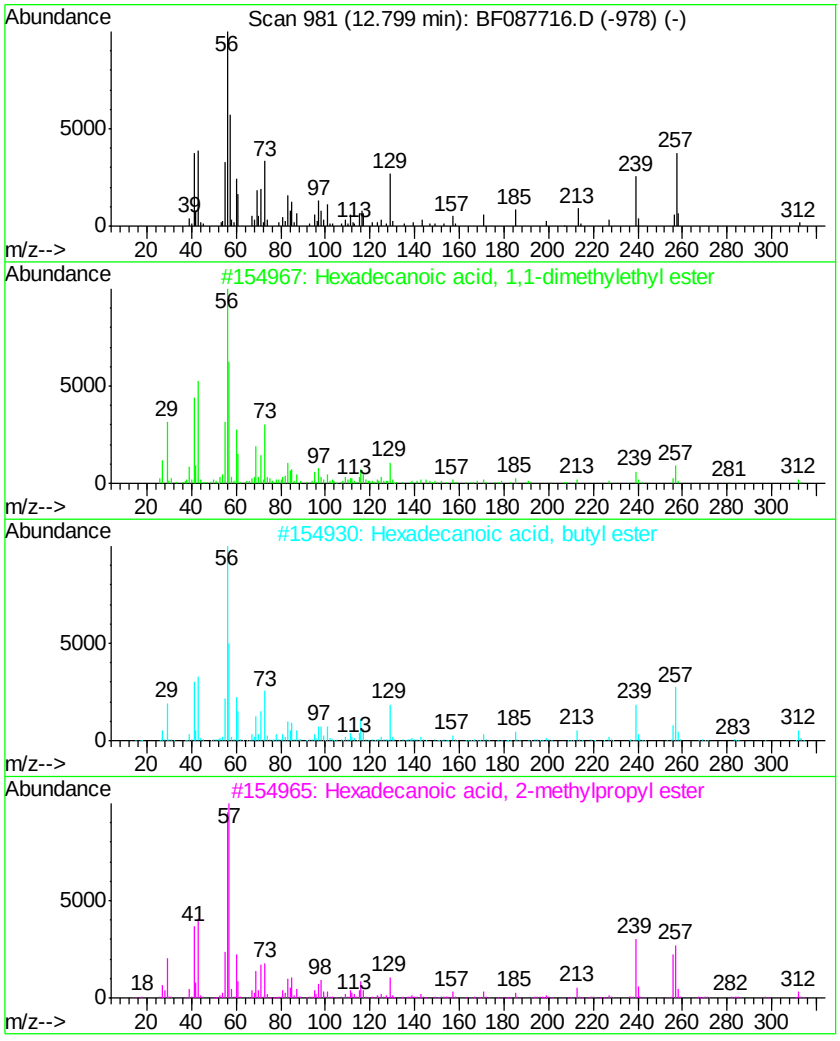
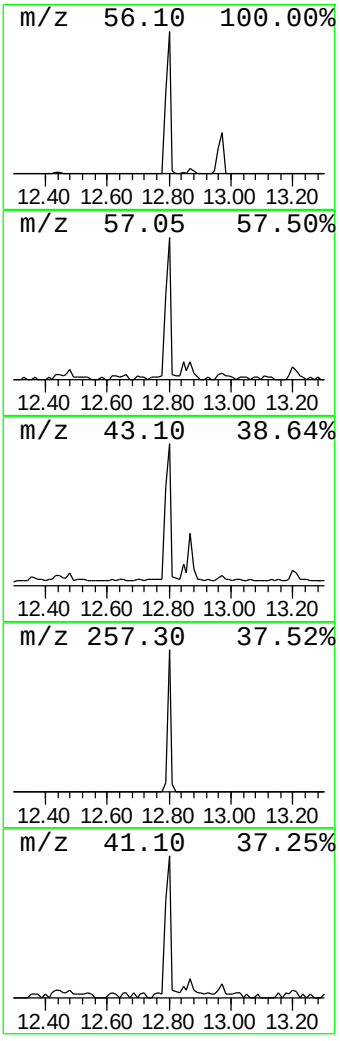
****

Peak Number 8 Hexadecanoic acid, 1,1-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	3.58 ng	201688	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	58
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	25
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	25





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Instrument : BNA_F
ClientSampleId : SP16-JMW0961-9008

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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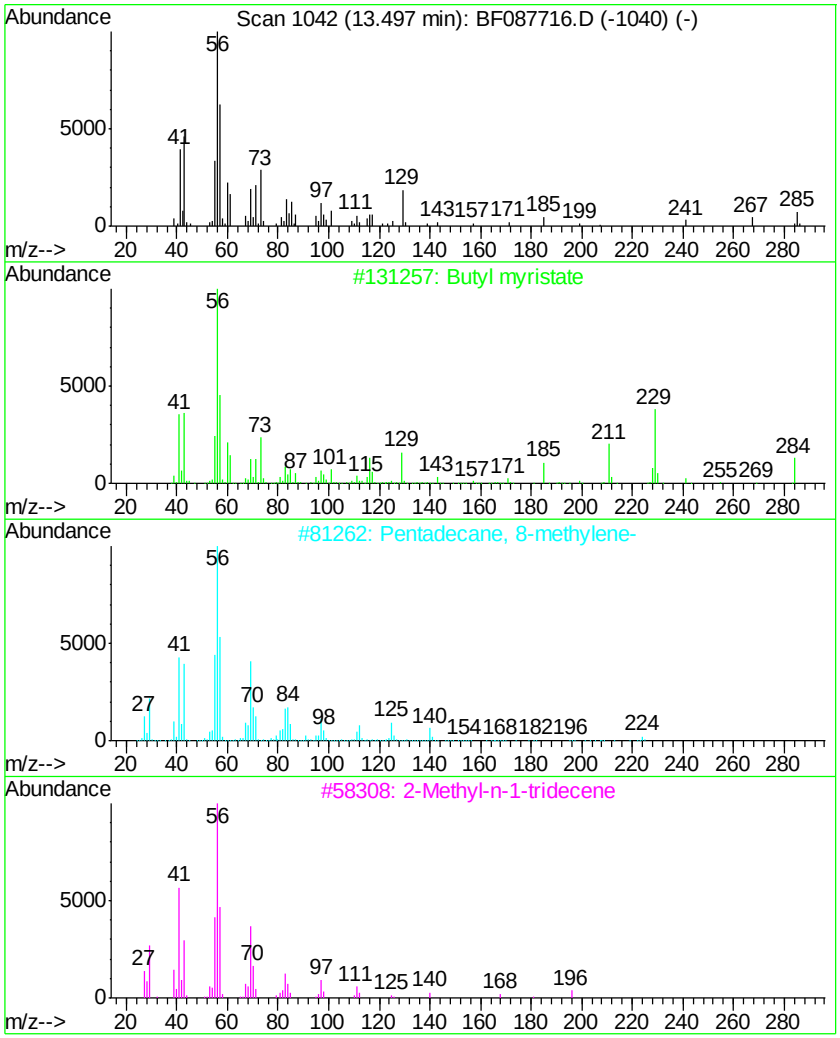
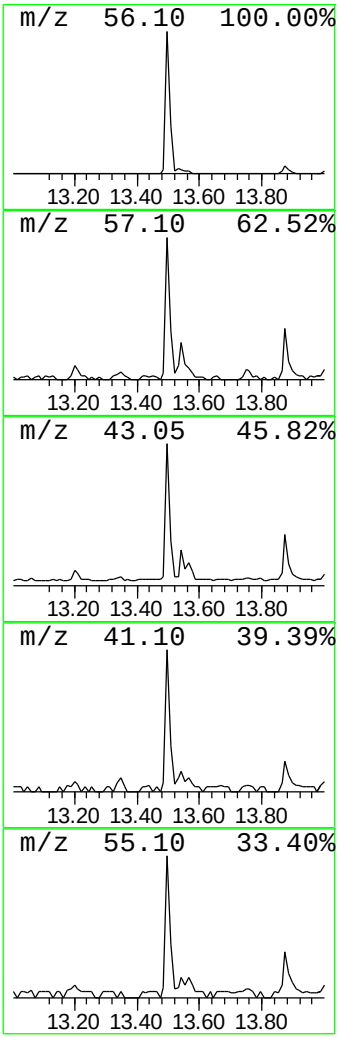
Peak Number 9 Butyl myristate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	2.52 ng	142135	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	80
2	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
3	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35
4	2-Methyl-1-octadecene	266	C19H38	061868-20-0	32
5	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	32





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.14	9.8	ng	422164	1	6.86	859272	20.0
2-Pentanone, 4-hy...	5.04	2.4	ng	104744	1	6.86	859272	20.0
unknown6.63	6.63	61.6	ng	2645070	1	6.86	859272	20.0
Diethyltoluamide	10.28	2.7	ng	174481	3	9.90	1273810	20.0
Hexadecanoic acid...	12.80	3.6	ng	201688	5	14.01	1126440	20.0
Butyl myristate	13.50	2.5	ng	142135	5	14.01	1126440	20.0