LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB103

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-BF040115.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	1.438	21	22	28	rBV	351018	554357	14.89%	4.153%
2	1.530	28	30	73	rVB	1807715	3723838	100.00%	27.901%
3	4.262	267	269	278	rBV	53239	95731	2.57%	0.717%
4	4.902	322	325	336	rBV	471726	650021	17.46%	4.870%
5	6.285	444	446	448	rBV	700883	716736	19.25%	5.370%
6	6.387	452	455	457	rBV	660975	736018	19.77%	5.515%
7	6.673	478	480	482	rBV	185888	178352	4.79%	1.336%
8	6.856	494	496	499	rBV	558536	509734	13.69%	3.819%
9	7.382	539	542	544	rBV	465084	465252	12.49%	3.486%
10	8.251	616	618	621	rBV	291749	263550	7.08%	1.975%
11	9.599	734	736	739	rBV	860303	790480	21.23%	5.923%
12	10.114	779	781	784	rBB	53826	53562	1.44%	0.401%
13	10.399	804	806	809	rBB	315979	340478	9.14%	2.551%
14	11.371	889	891	894	rBV2	493100	642196	17.25%	4.812%
15	12.217	962	965	967	rBV	376587	371787	9.98%	2.786%
16	12.594	996	998	1004	rBV	23543	40400	1.08%	0.303%
17	13.702	1090	1095	1097	rVB	58029	57022	1.53%	0.427%
18	13.977	1116	1119	1121	rBV	66658	75472	2.03%	0.565%
19	14.205	1137	1139	1141	rVB	1080368	1103451	29.63%	8.268%
20	15.394	1241	1243	1246	rBV2	121346	166105	4.46%	1.245%
21	15.463	1246	1249	1251	rBV	460441	594611	15.97%	4.455%
22	16.628	1349	1351	1354	rVV2	36458	57524	1.54%	0.431%
23	16.708	1355	1358	1362	rVV	83749	212863	5.72%	1.595%
24	17.006	1382	1384	1387	rBV	48433	66472	1.79%	0.498%
25	17.063	1387	1389	1392	rBV	78602	90692	2.44%	0.680%
26	17.131	1392	1395	1397	rBV	341358	529915	14.23%	3.970%
27	17.714	1444	1446	1452	rBV6	26089	68308	1.83%	0.512%
28	18.080	1474	1478	1483	rVB	26992	79604	2.14%	0.596%
29	18.286	1494	1496	1499	rBV2	34889	60975	1.64%	0.457%
30	18.606	1522	1524	1528	rVB	30432	51267	1.38%	0.384%

Sum of corrected areas: 13346773

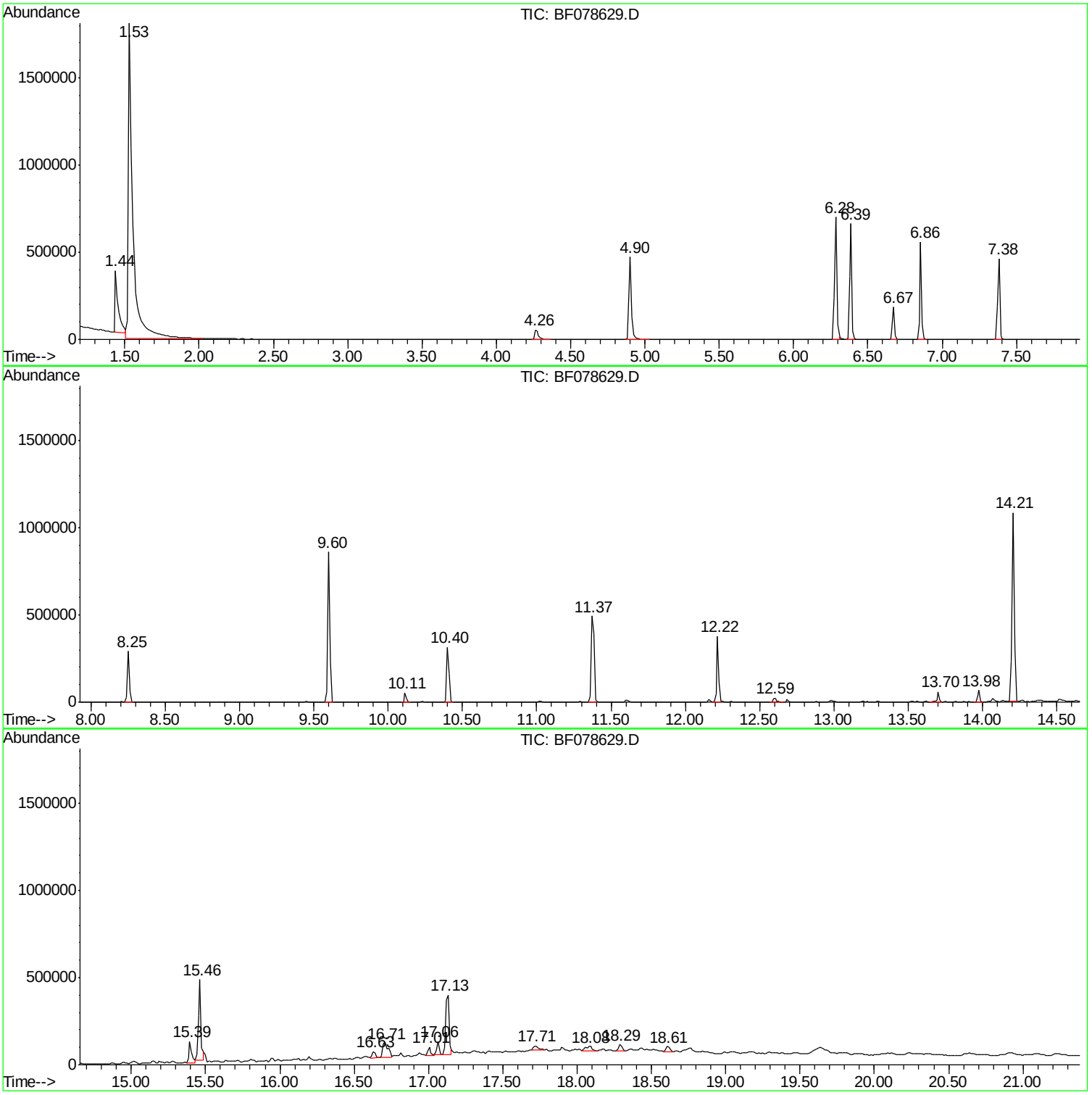
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB103

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB103

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

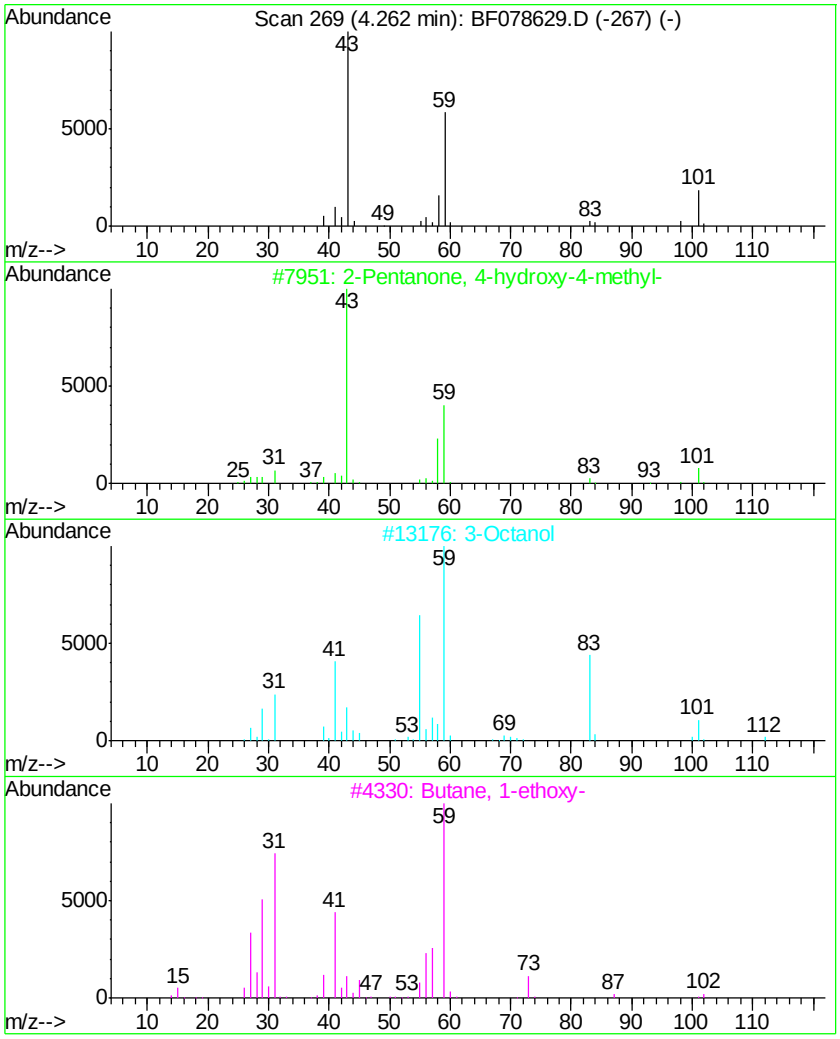
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

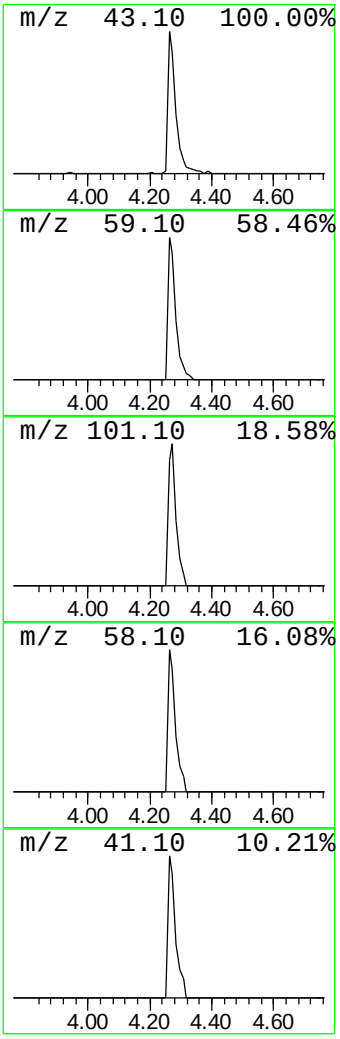
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	10.74 ng	95731	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Octanol	130	C8H18O	000589-98-0	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB103

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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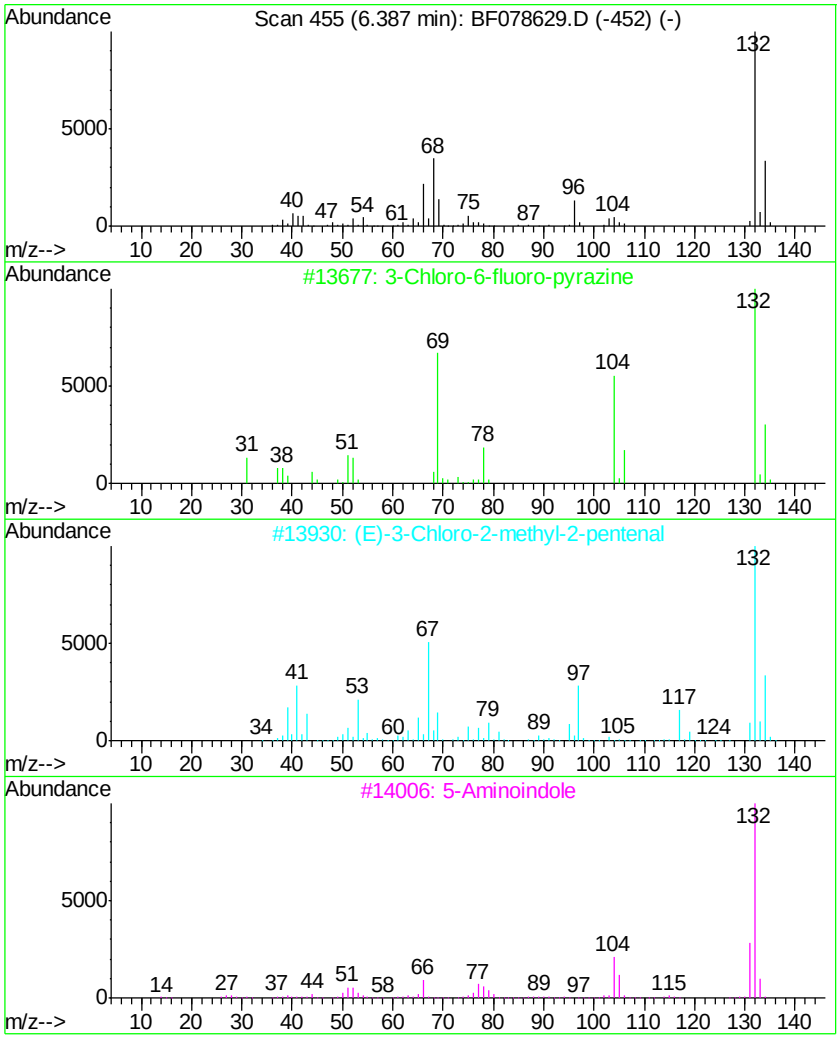
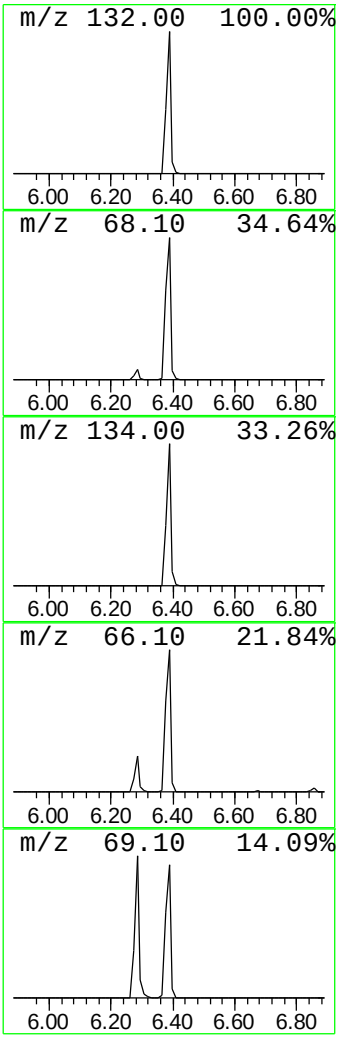
Peak Number 4 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	82.54 ng	736018	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB103

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

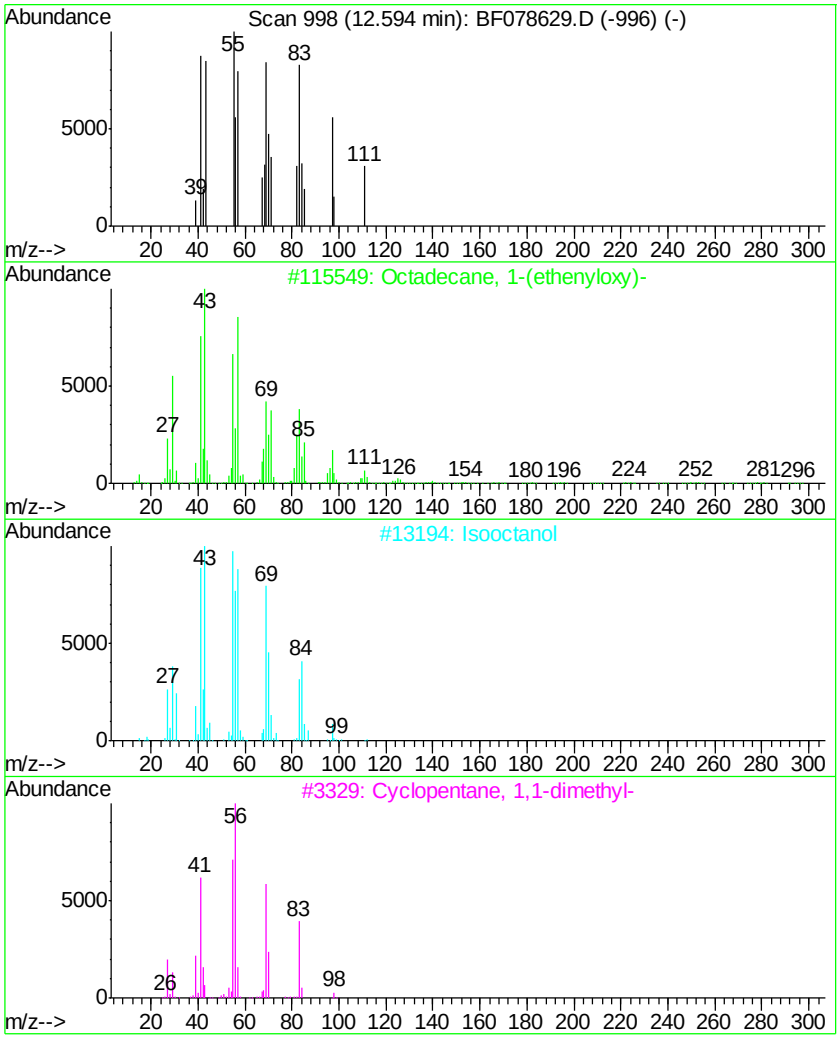
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

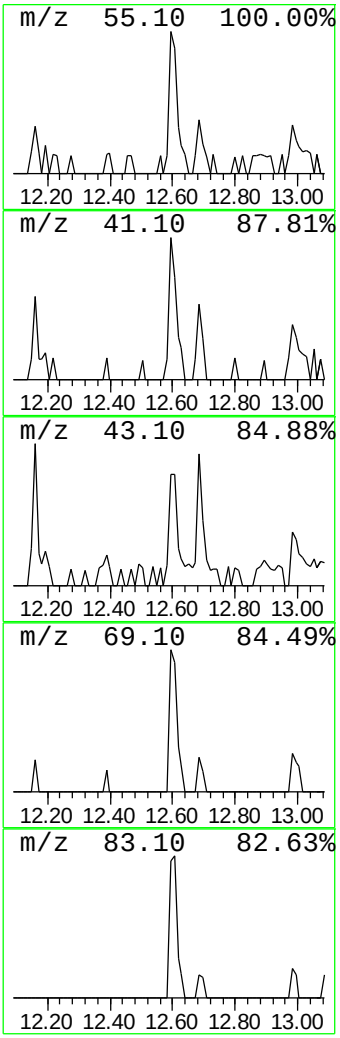
****

Peak Number 6 Octadecane, 1-(ethenyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.17 ng	40400	Phenanthrene-d10	12.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	64
2	Isooctanol	130	C8H18O	026952-21-6	43
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
4	2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	37
5	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB103

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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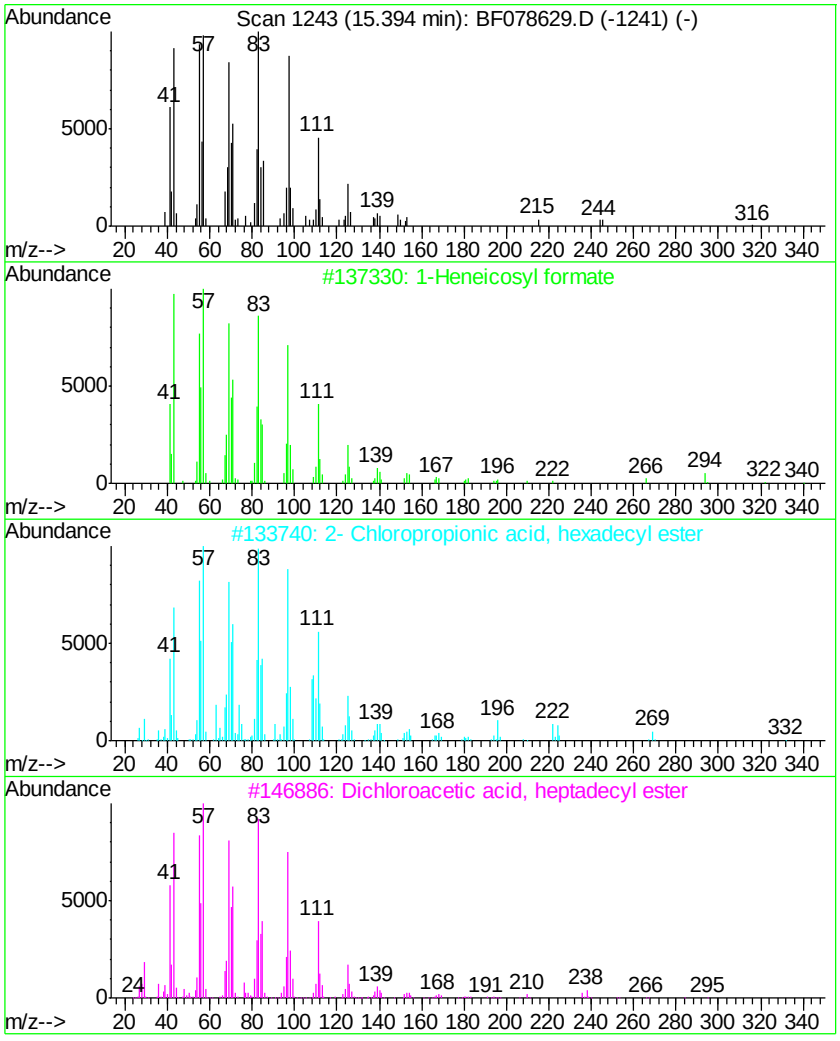
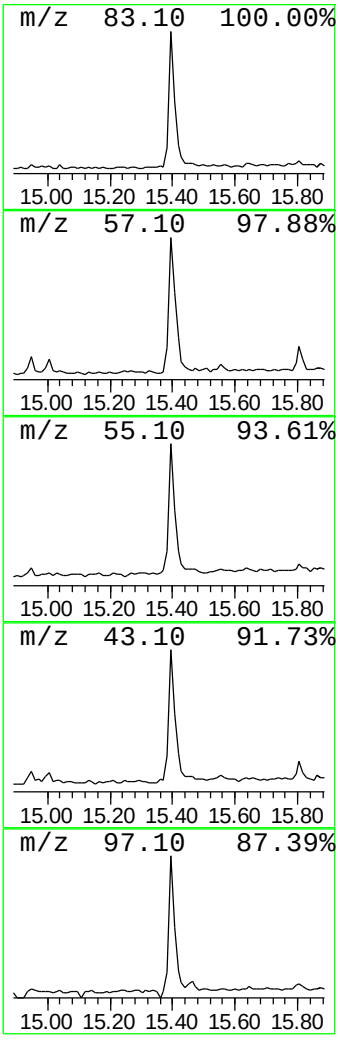
Peak Number 7 1-Heneicosyl formate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	5.59 ng	166105	Chrysene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB103

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

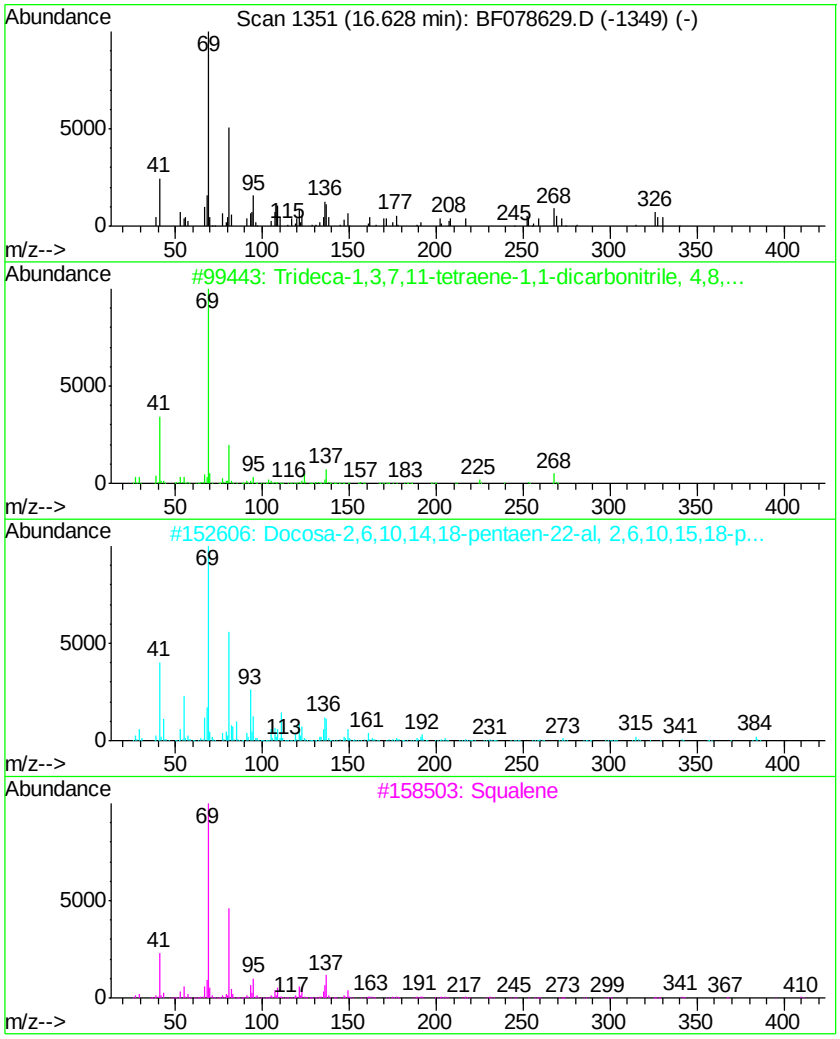
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

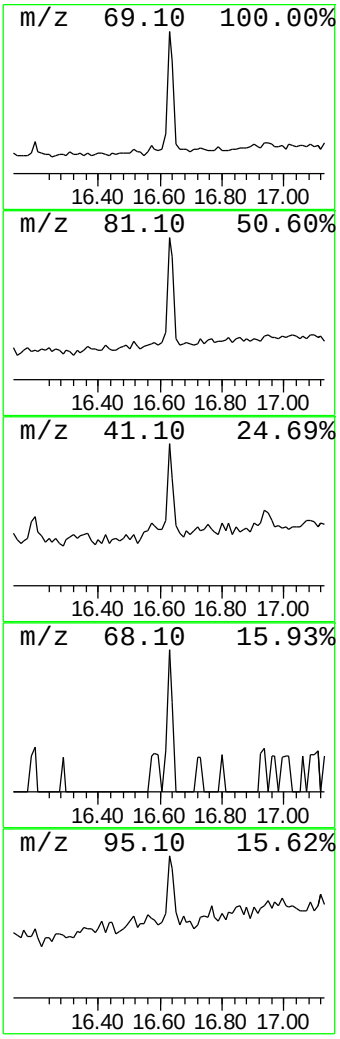
****

Peak Number 8 Trideca-1,3,7,11-tetraene-1... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.17 ng	57524	Perylene-d12	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	59
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	52
3	Squalene	410	C30H50	007683-64-9	52
4	4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	50
5	2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB103

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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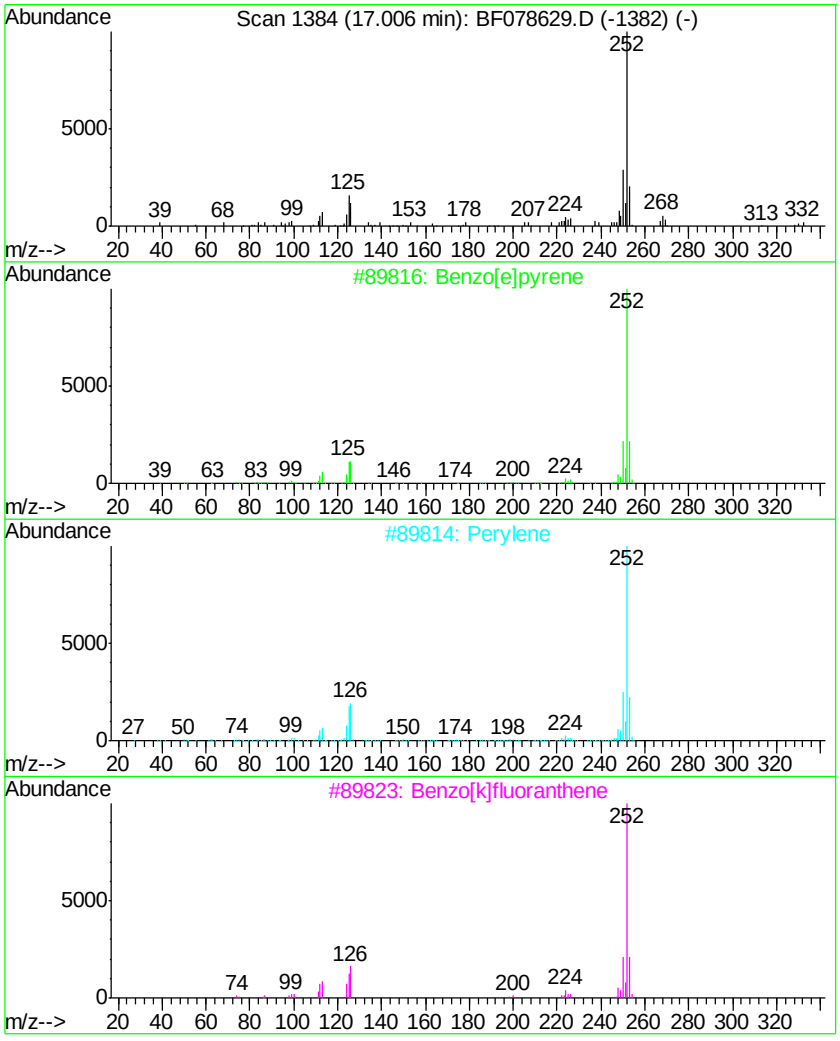
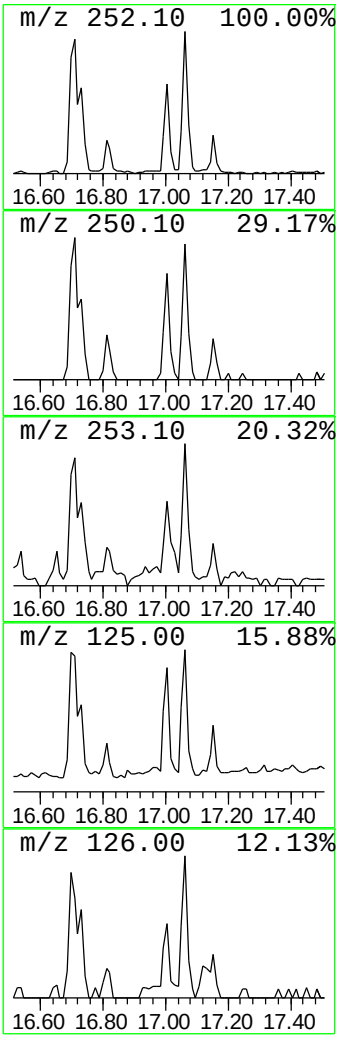
Peak Number 9 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	2.51 ng	66472	Perylene-d12	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB103

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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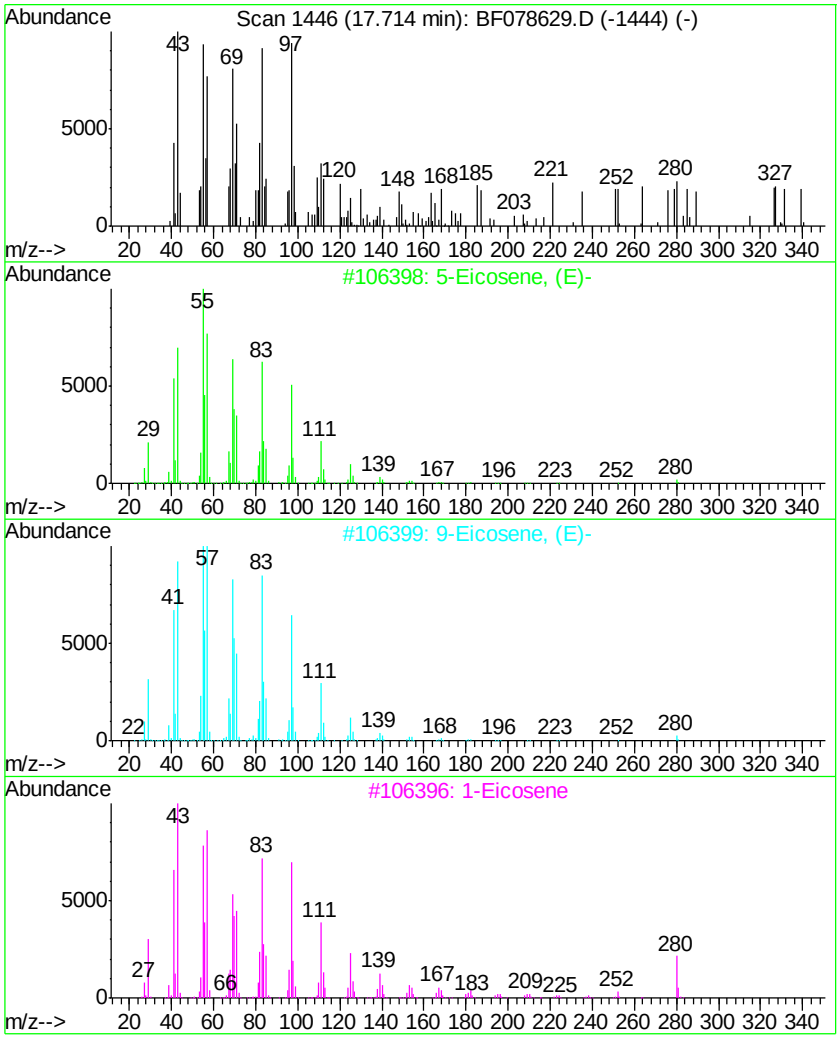
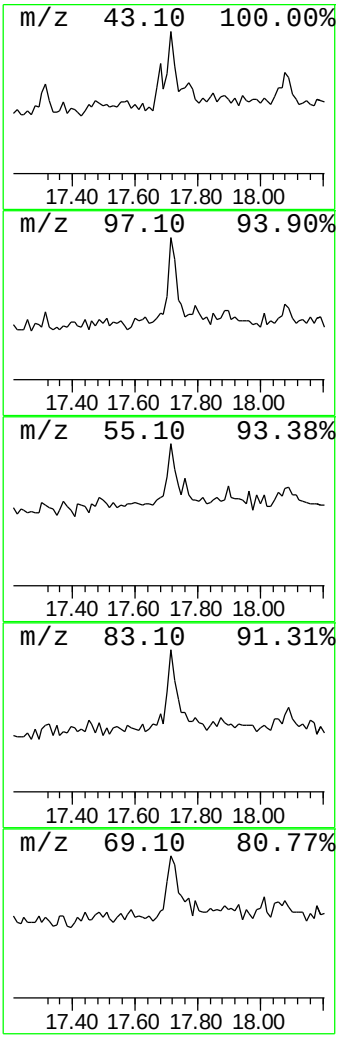
Peak Number 10 unknown17.71 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.58 ng	68308	Perylene-d12	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	49
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	49
3	1-Eicosene	280	C20H40	003452-07-1	46
4	1-Octadecene	252	C18H36	000112-88-9	46
5	Cis-1,3-di(n-hexyl)cyclohexane	252	C18H36	086701-17-9	46





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Acq On : 18 Apr 2015 7:35
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Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

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

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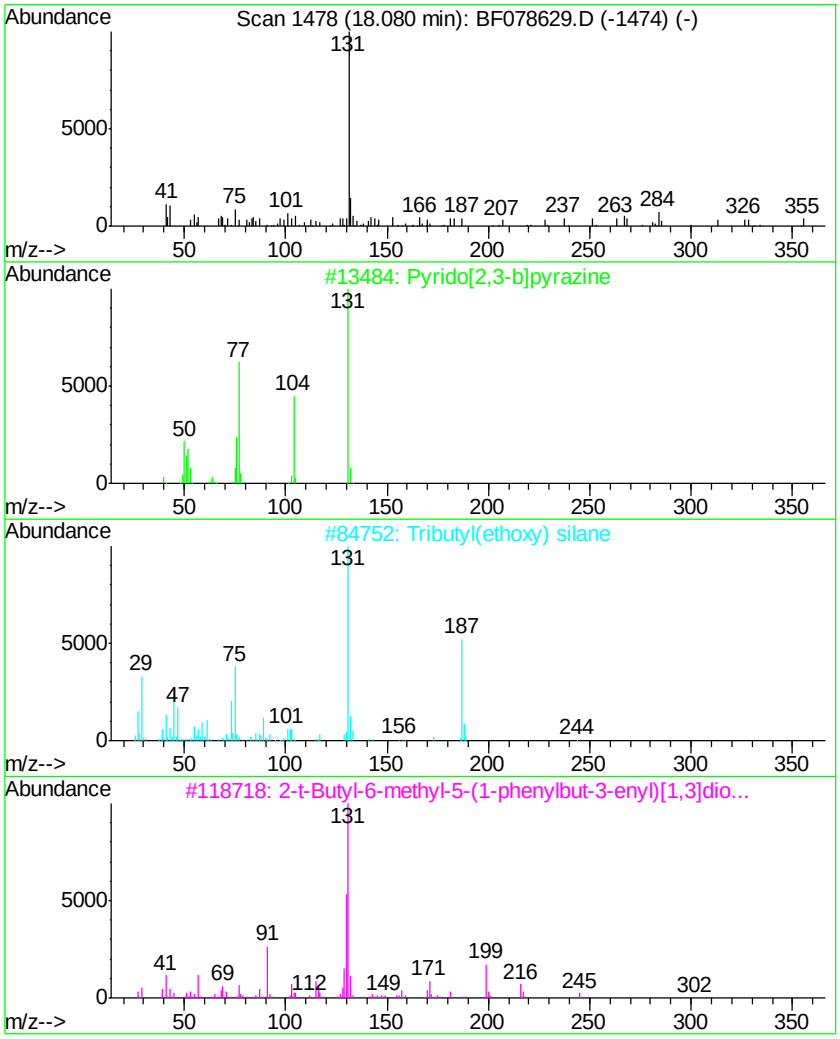
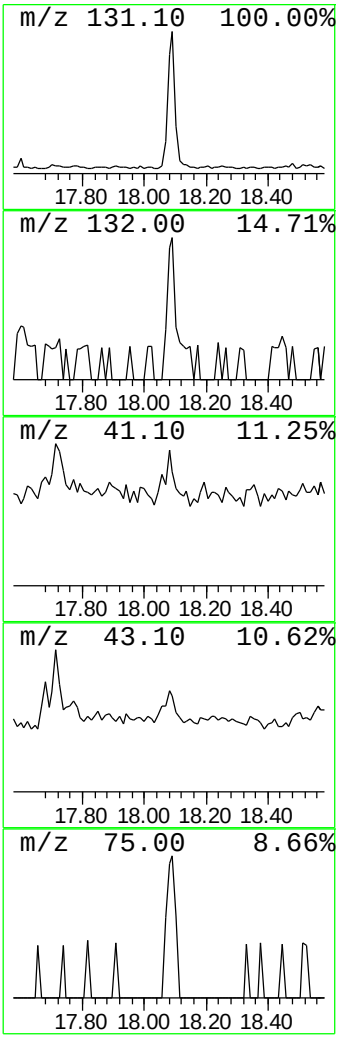
Peak Number 11 unknown18.08 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.00 ng	79604	Perylene-d12	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2	Tributyl(ethoxy) silane	244	C14H32OSi	004782-00-7	38
3	2-t-Butyl-6-methyl-5-(1-phenylbu...	302	C19H26O3	1000194-83-9	33
4	Silane, [1-(5-ethenyltetrahydro-...	242	C13H26O2Si	057428-80-5	28
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078629.D
Acq On : 18 Apr 2015 7:35
Operator : TP/IZ
Sample : G1902-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB103

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.26	10.7	ng	95731	1	6.67	178352	20.0
unknown6.39	6.39	82.5	ng	736018	1	6.67	178352	20.0
Octadecane, 1-(et...	12.59	2.2	ng	40400	4	12.22	371787	20.0
1-Heneicosyl formate	15.39	5.6	ng	166105	5	15.46	594611	20.0
Trideca-1,3,7,11-...	16.63	2.2	ng	57524	6	17.13	529915	20.0
Benzo[e]pyrene	17.01	2.5	ng	66472	6	17.13	529915	20.0
unknown17.71	17.71	2.6	ng	68308	6	17.13	529915	20.0
unknown18.08	18.08	3.0	ng	79604	6	17.13	529915	20.0