LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

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-BF043015.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	1.575	31	34	37	rVB	430097	624132	7.71%	1.725%
2	1.747	47	49	53	rBV	634085	1064523	13.16%	2.943%
3	1.861	57	59	78	rVB	1088288	1758649	21.74%	4.861%
4	5.599	383	386	389	rBV	884751	877498	10.85%	2.426%
5	6.867	495	497	499	rBV	564199	584726	7.23%	1.616%
6	7.016	507	510	512	rBV	1419868	1595596	19.72%	4.411%
7	7.302	532	535	537	rBV	341586	375857	4.65%	1.039%
8	7.485	548	551	553	rBV	1639800	1417532	17.52%	3.918%
9	7.988	593	595	598	rVB	1192327	1122461	13.87%	3.103%
10	8.879	670	673	675	rBV	467550	539490	6.67%	1.491%
11	10.216	788	790	793	rBV	1735101	2362992	29.21%	6.532%
12	11.051	861	863	866	rVB	686336	629782	7.78%	1.741%
13	11.142	869	871	874	rBV	361657	335410	4.15%	0.927%
14	11.222	876	878	881	rBV	540588	577423	7.14%	1.596%
15	12.034	946	949	952	rBV	1583695	1557396	19.25%	4.305%
16	12.605	996	999	1001	rBV	72713	91685	1.13%	0.253%
17	12.765	1012	1013	1017	rVB	98749	105129	1.30%	0.291%
18	12.834	1017	1019	1020	rBV	285453	271224	3.35%	0.750%
19	12.902	1023	1025	1026	rBV	522066	665307	8.22%	1.839%
20	14.902	1197	1200	1202	rBV	2362808	2843978	35.15%	7.862%
21	16.114	1297	1306	1311	rBV2	781670	3847104	47.55%	10.635%
22	16.217	1313	1315	1319	rVB	963520	1475854	18.24%	4.080%
23	16.891	1371	1374	1378	rBV	832931	1568822	19.39%	4.337%
24	17.806	1451	1454	1457	rBV	98643	144131	1.78%	0.398%
25	18.057	1473	1476	1479	rBV	647781	808196	9.99%	2.234%
26	19.166	1569	1573	1576	rBV	112261	365973	4.52%	1.012%
27	19.246	1577	1580	1583	rVV2	136745	474769	5.87%	1.312%
28	19.394	1583	1593	1616	rVB	1500272	8089904	100.00%	22.363%

Sum of corrected areas: 36175543

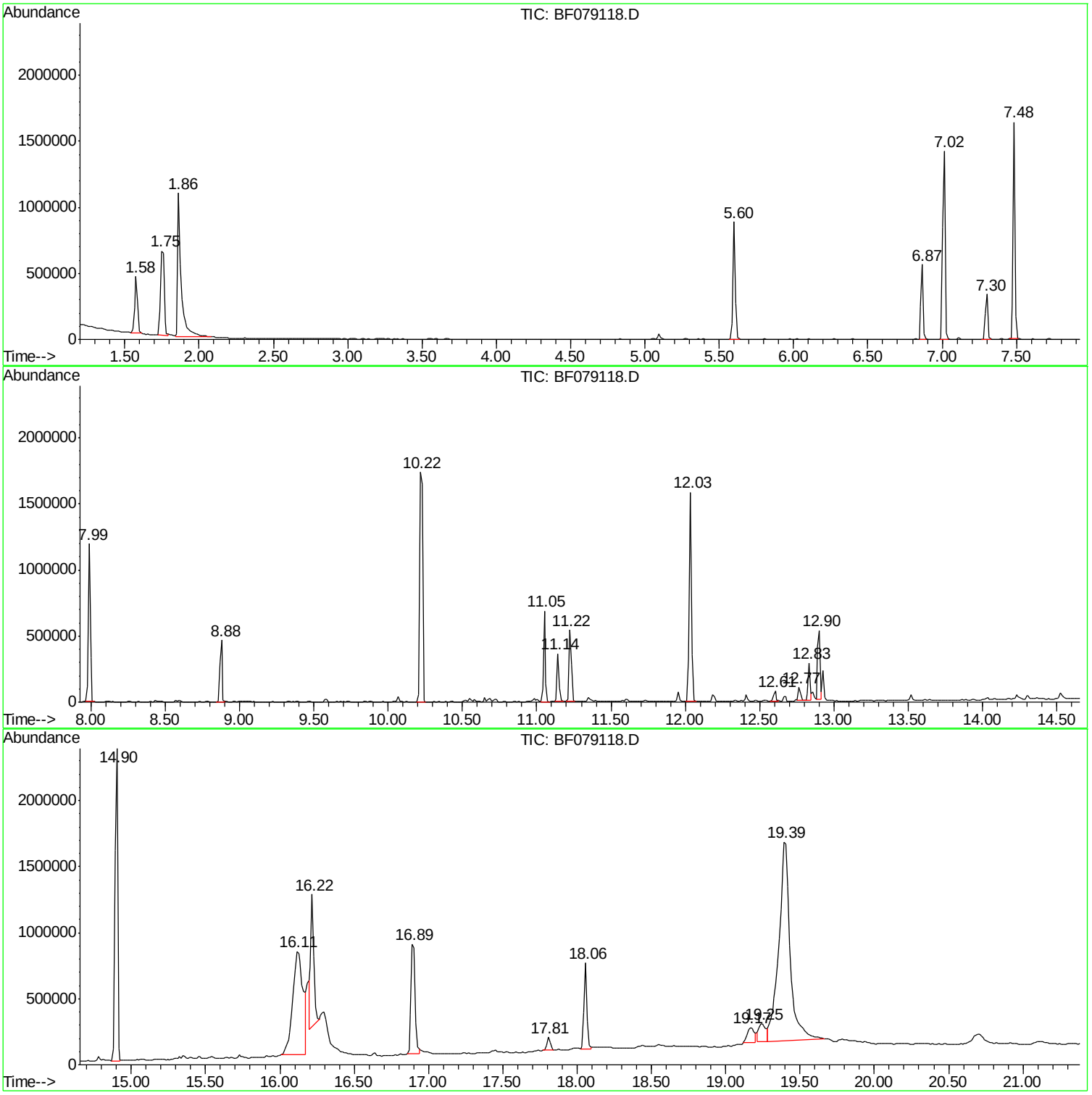
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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\BF051115\
Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
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Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

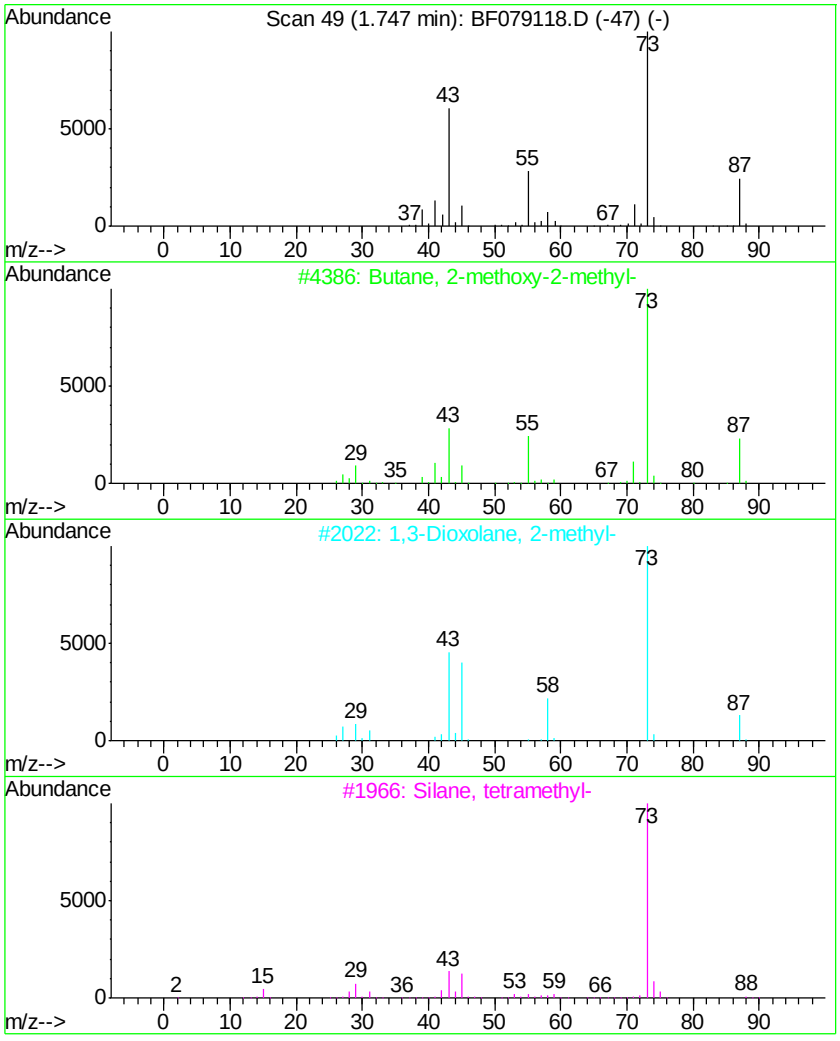
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

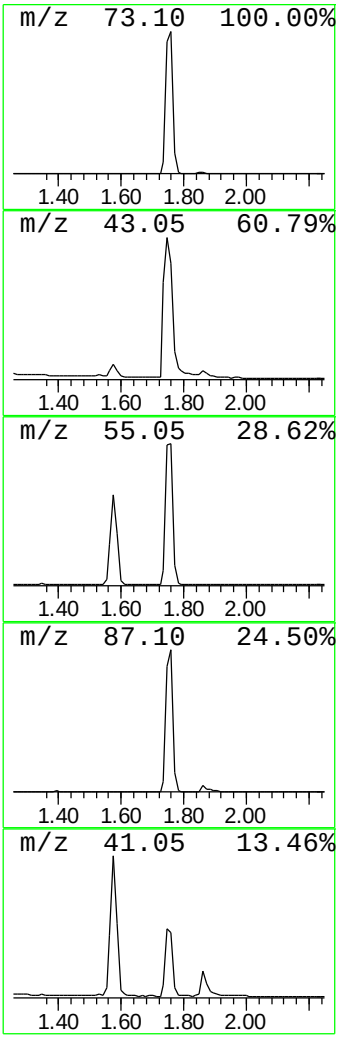
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.75	56.65 ng	1064520	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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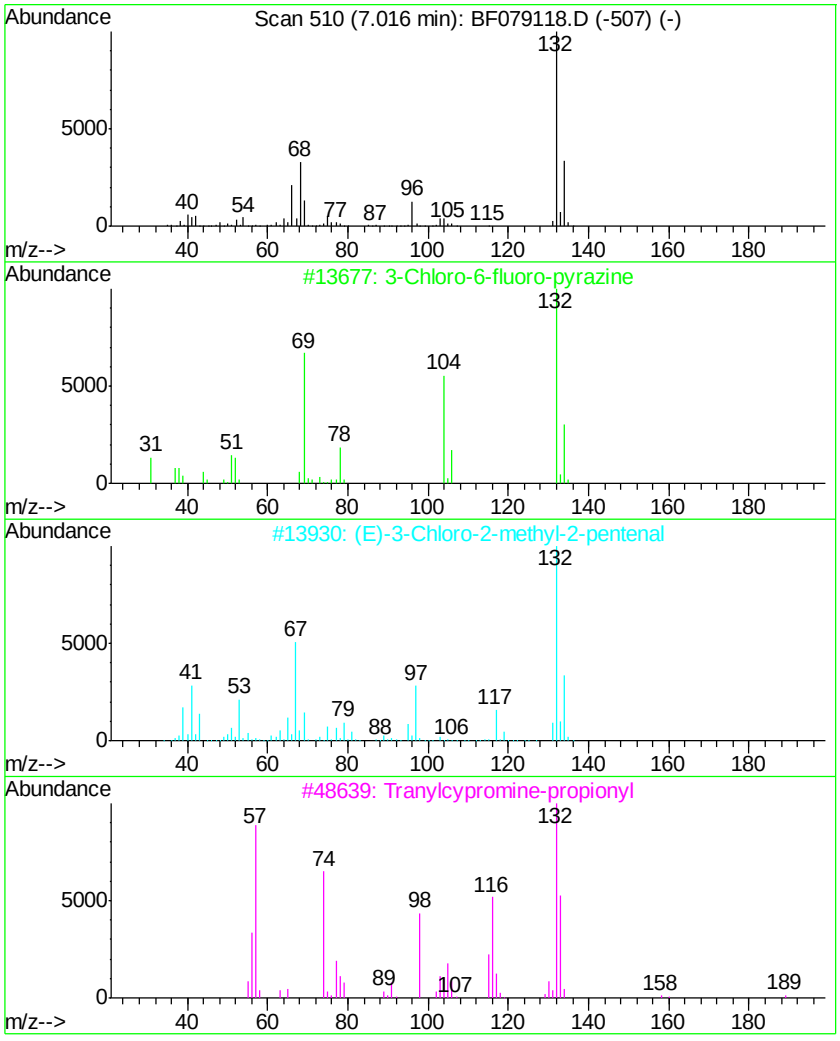
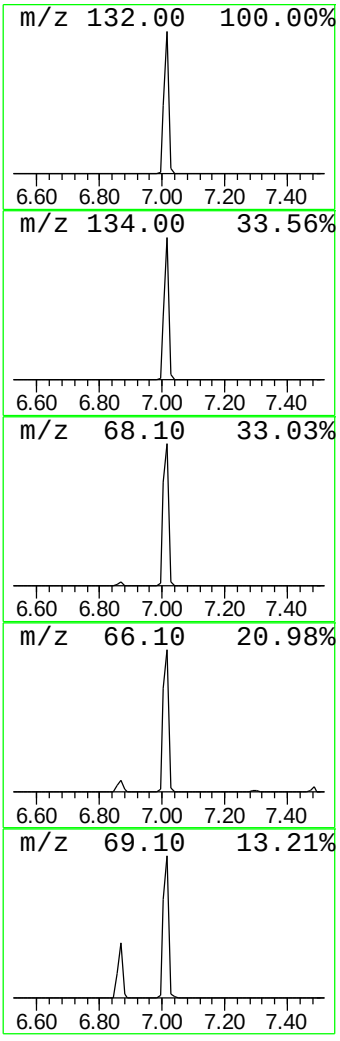
Peak Number 4 unknown7.02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	84.90 ng	1595600	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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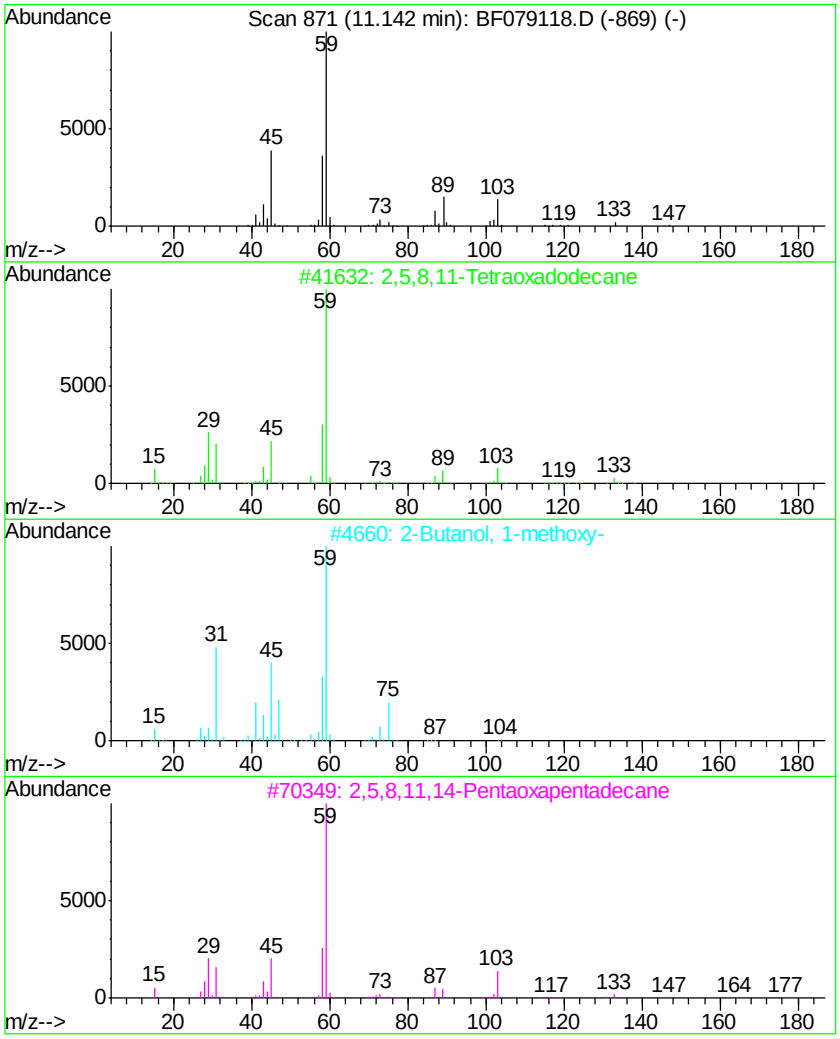
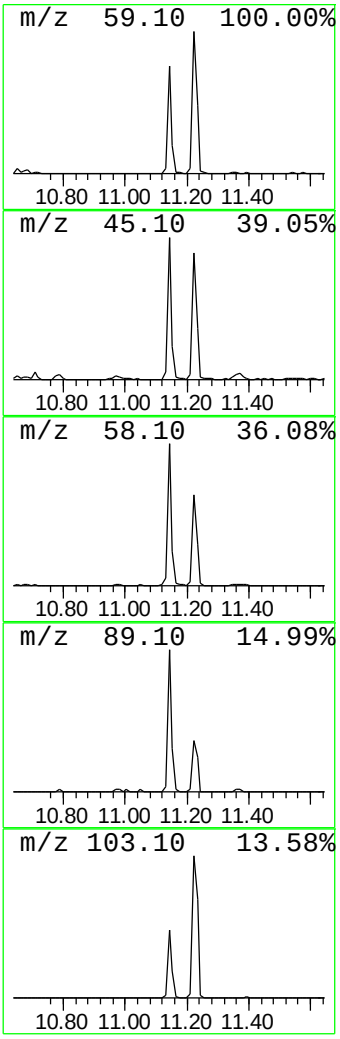
Peak Number 6 2,5,8,11-Tetraoxadodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	10.65 ng	335410	Acenaphthene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	64
2	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	64
3	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	59
4	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	59
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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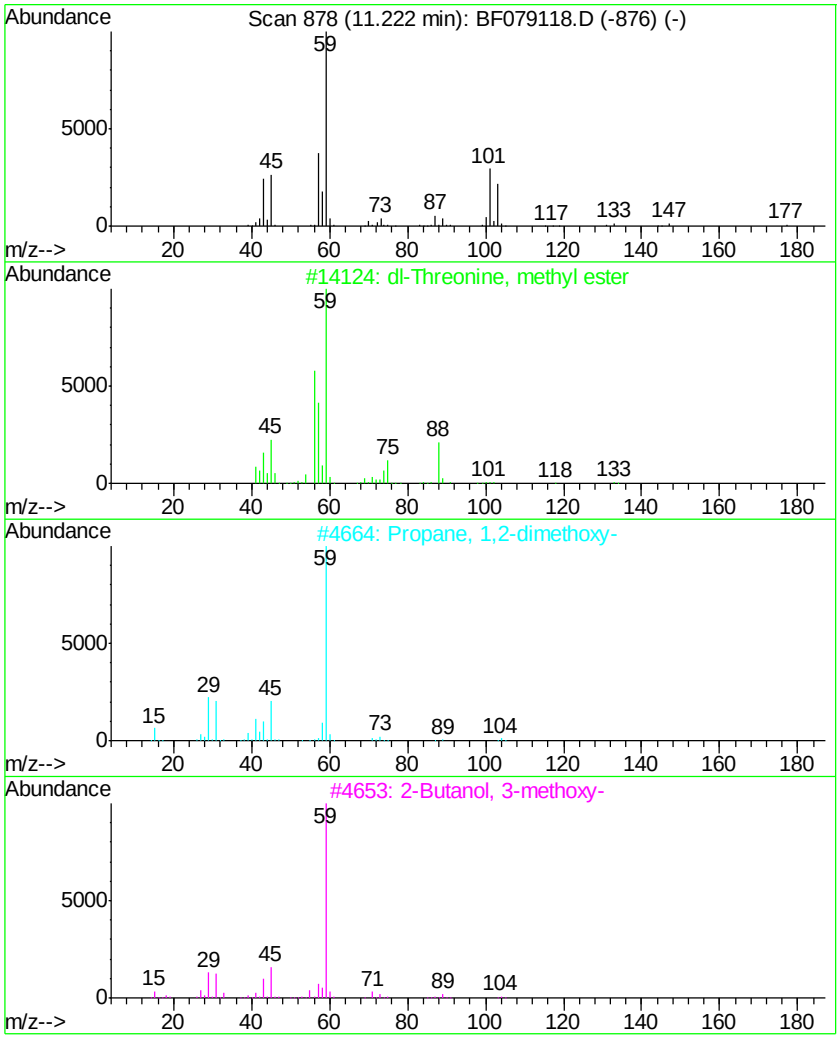
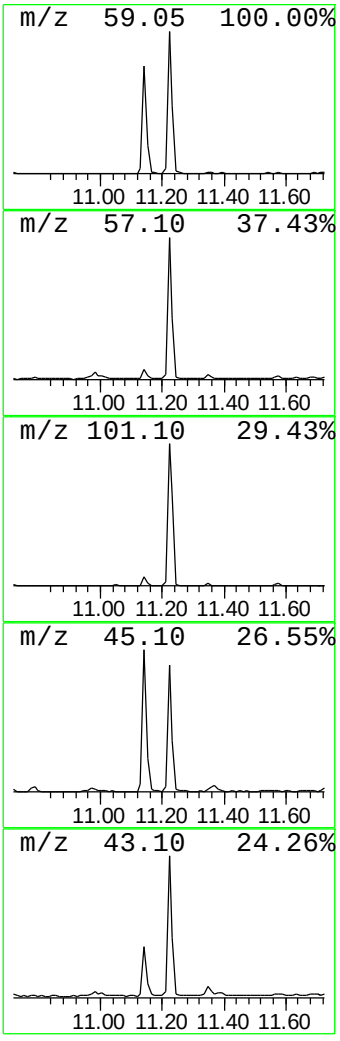
Peak Number 7 dl-Threonine, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	18.34 ng	577423	Acenaphthene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-Threonine, methyl ester	133	C5H11NO3	1000130-33-2	58
2	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	52
3	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	47
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	45
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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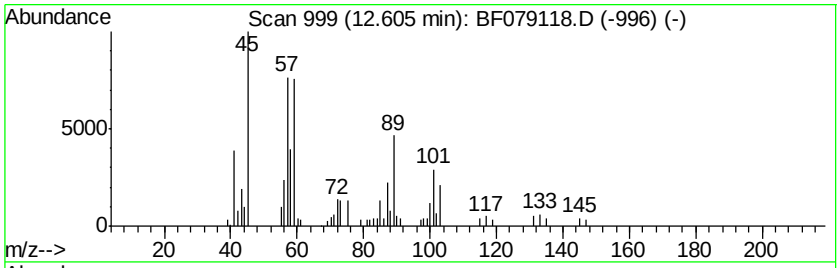
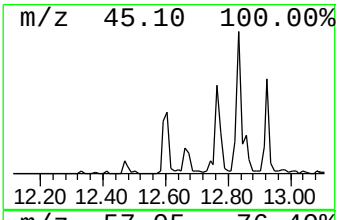
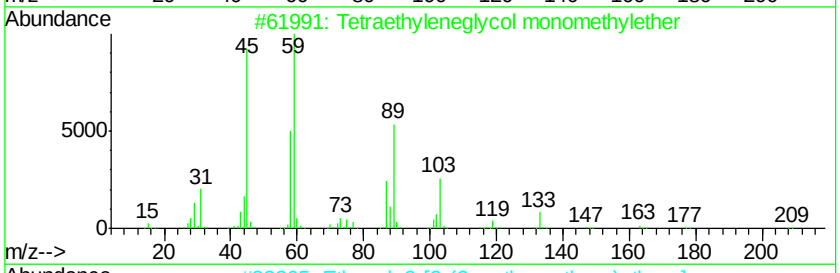
Peak Number 8 Tetraethyleneglycol monomet... Concentration Rank 16

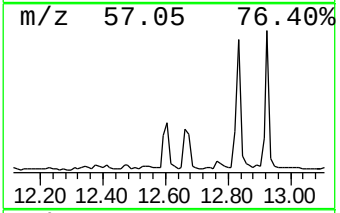
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	2.76 ng	91685	Phenanthrene-d10	12.90

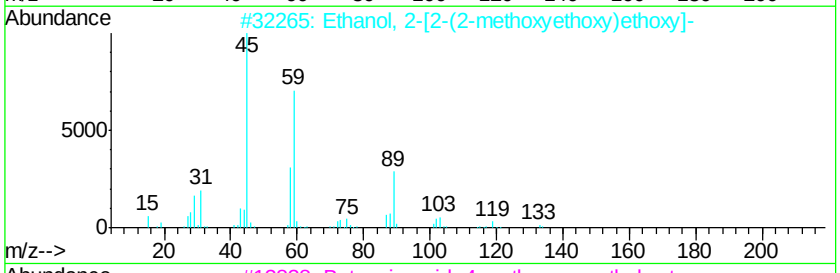
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	58
2	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	53
3	Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	47
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	47
5	1-Ethoxypentan-3-ol	132	C7H16O2	100910-92-7	43

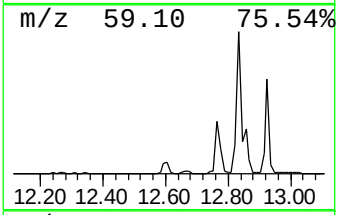


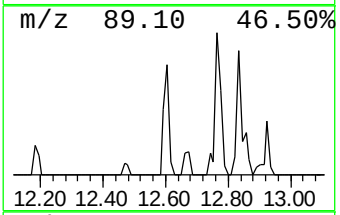


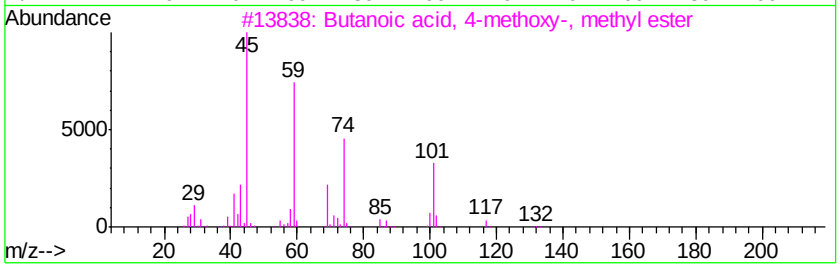


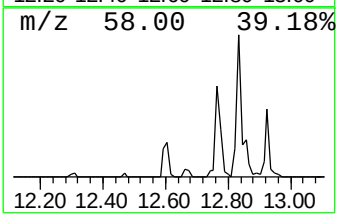












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Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

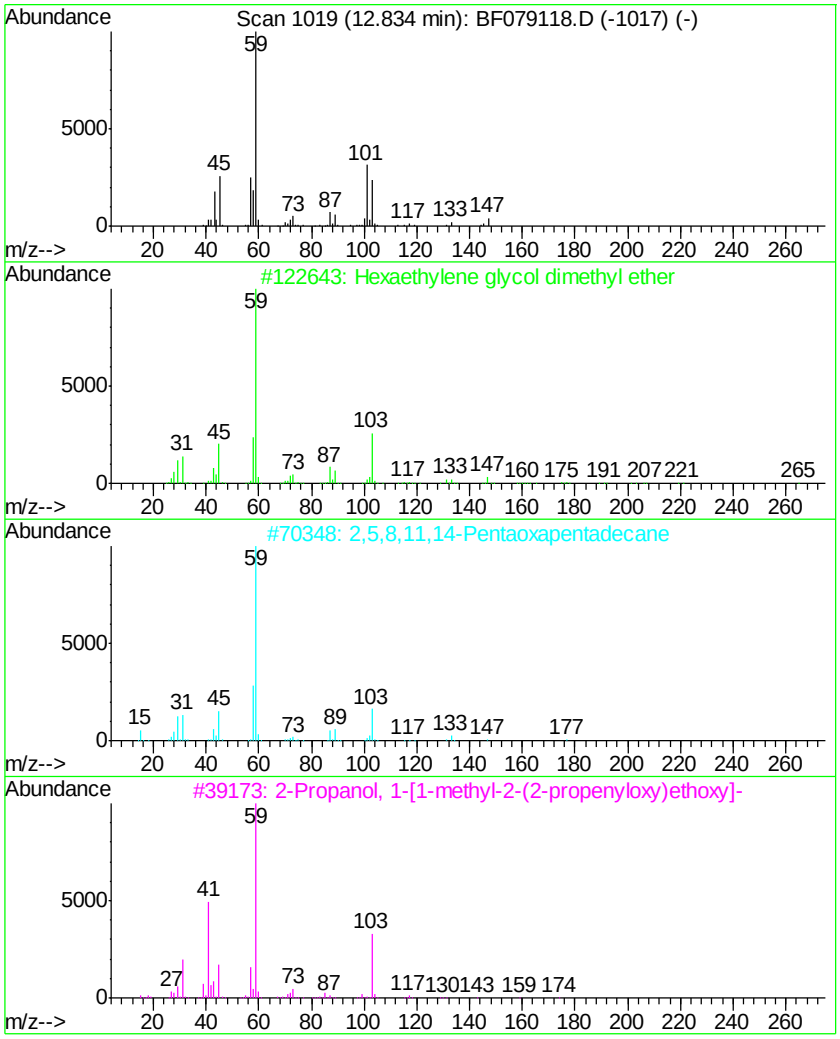
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

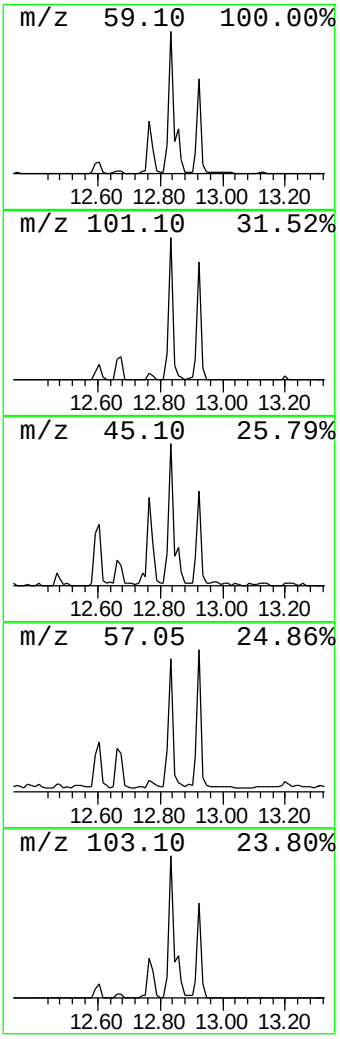
****

Peak Number 10 Hexaethylene glycol dimethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	8.15 ng	271224	Phenanthrene-d10	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	72
2	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	59
3	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	53
4	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	45
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	42





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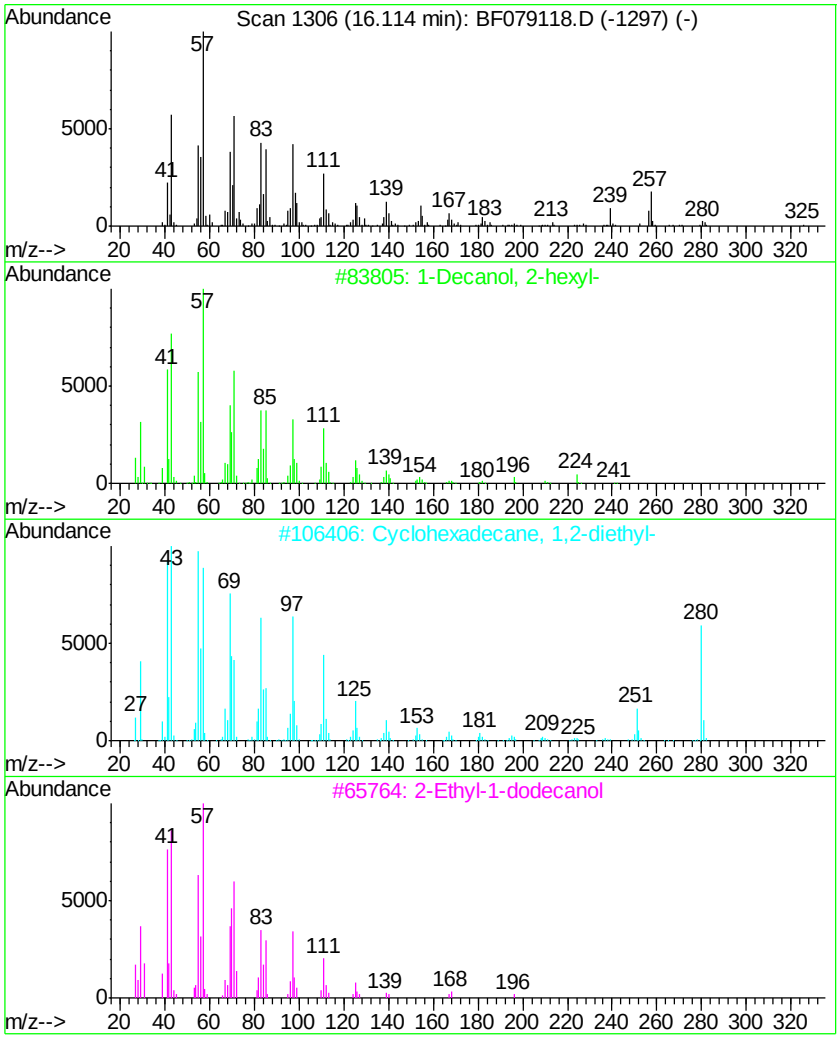
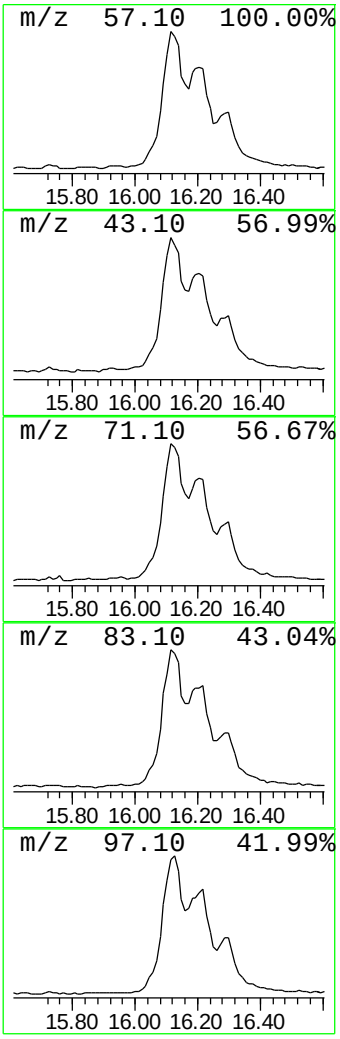
****

Peak Number 11 1-Decanol, 2-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	52.13 ng	3847100	Chrysene-d12	16.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	72
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	70
3	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	64
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	46
5	1-Octadecene	252	C18H36	000112-88-9	43





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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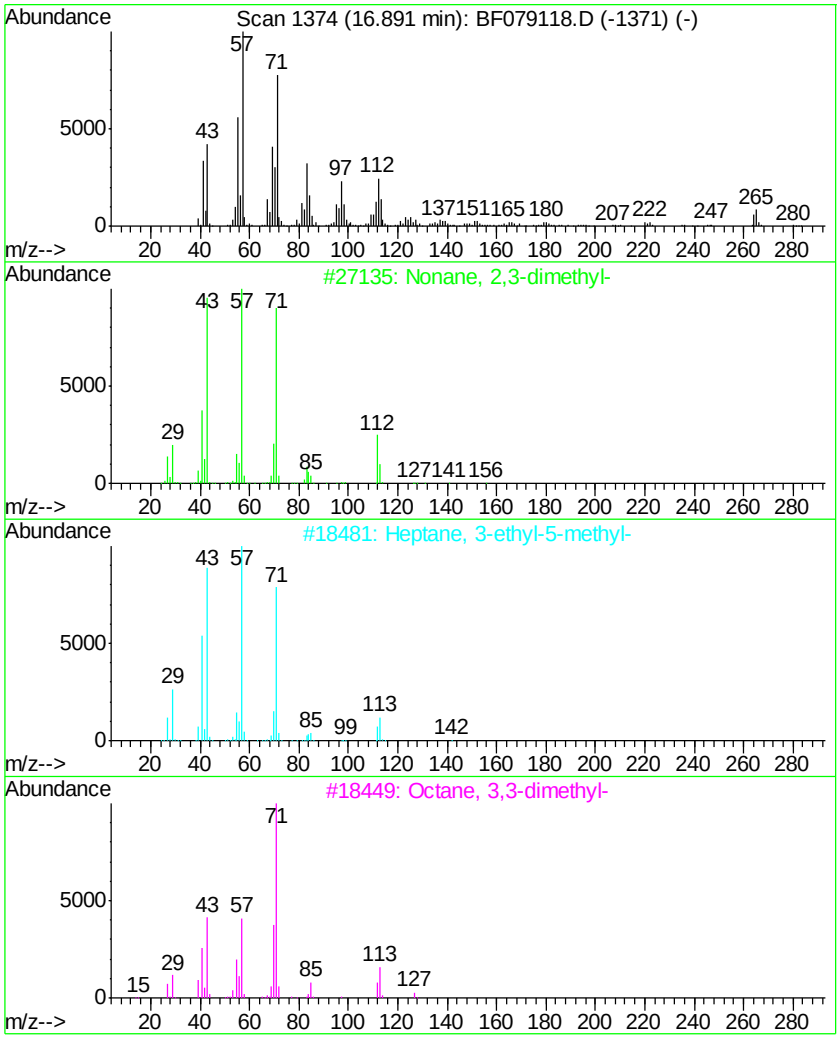
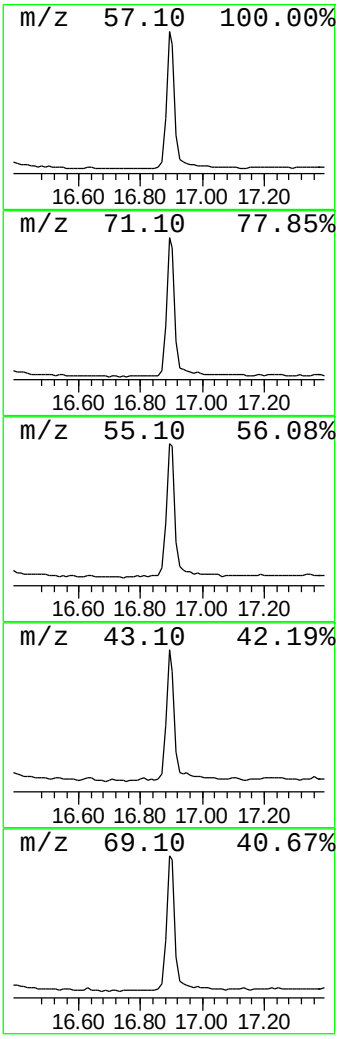
Peak Number 12 unknown16.89 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	21.26 ng	1568820	Chrysene-d12	16.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	49
2	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	46
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	38
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
5	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	38





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Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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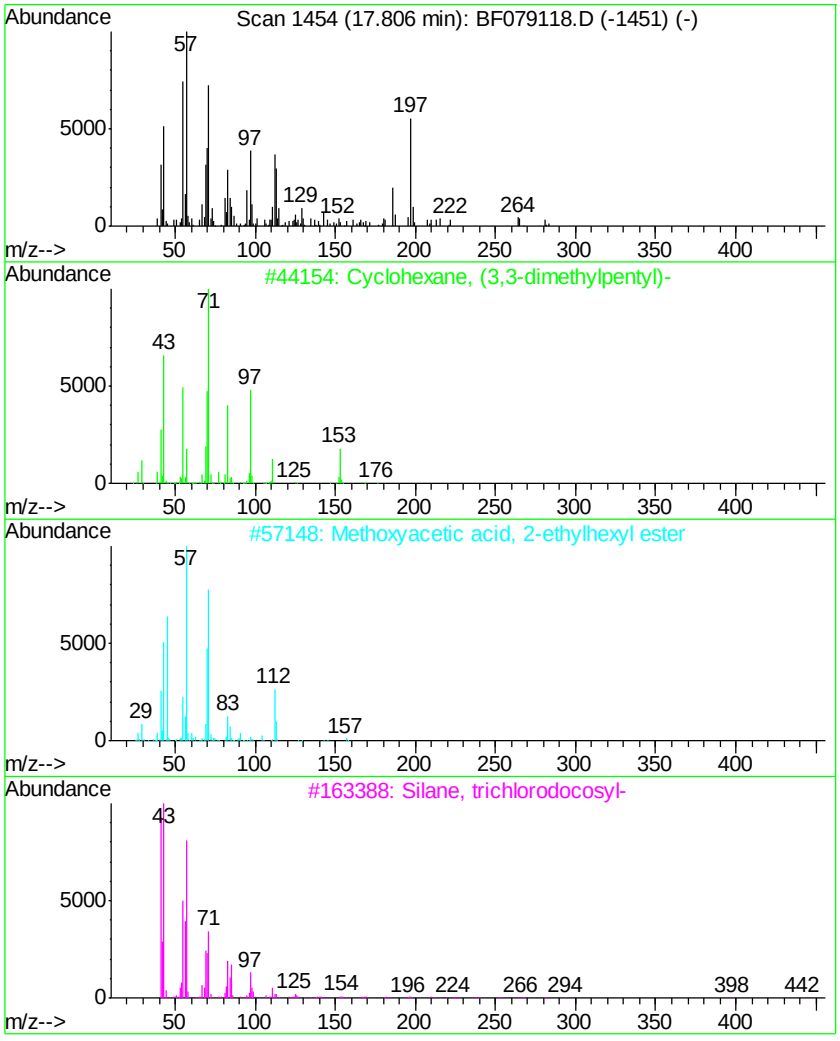
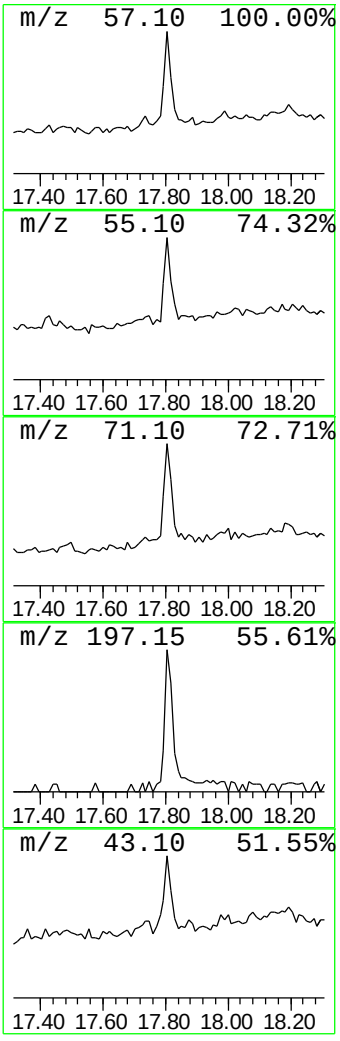
Peak Number 13 unknown17.81 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	3.57 ng	144131	Perylene-d12	18.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (3,3-dimethylpentyl)-	182	C13H26	061142-22-1	38
2	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	35
3	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	27
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	22
5	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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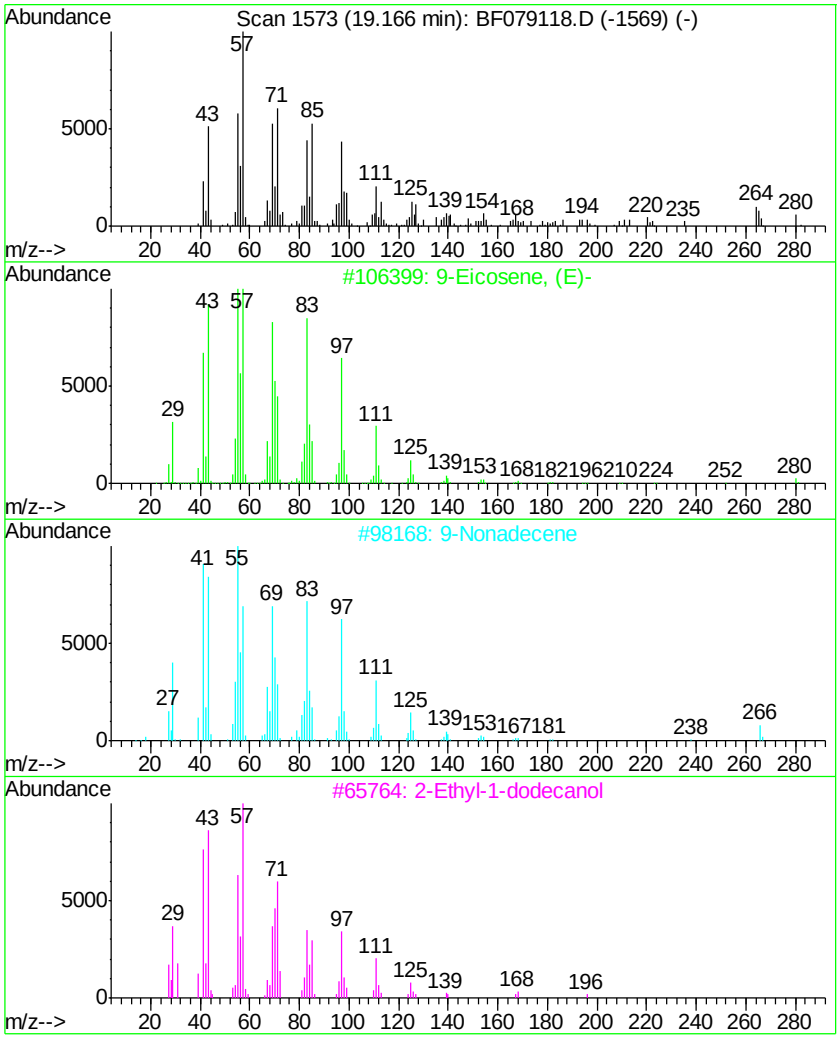
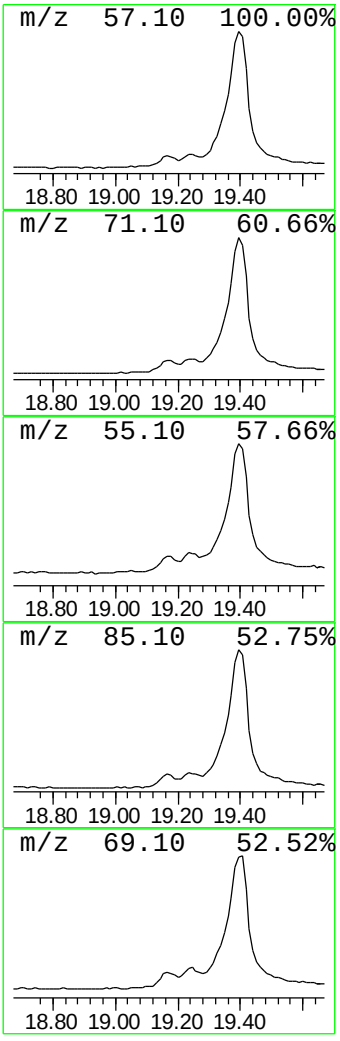
Peak Number 14 9-Eicosene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	9.06 ng	365973	Perylene-d12	18.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	83
2	9-Nonadecene	266	C19H38	031035-07-1	70
3	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	64
4	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	64
5	Eicosane, 9-cyclohexyl-	364	C26H52	004443-61-2	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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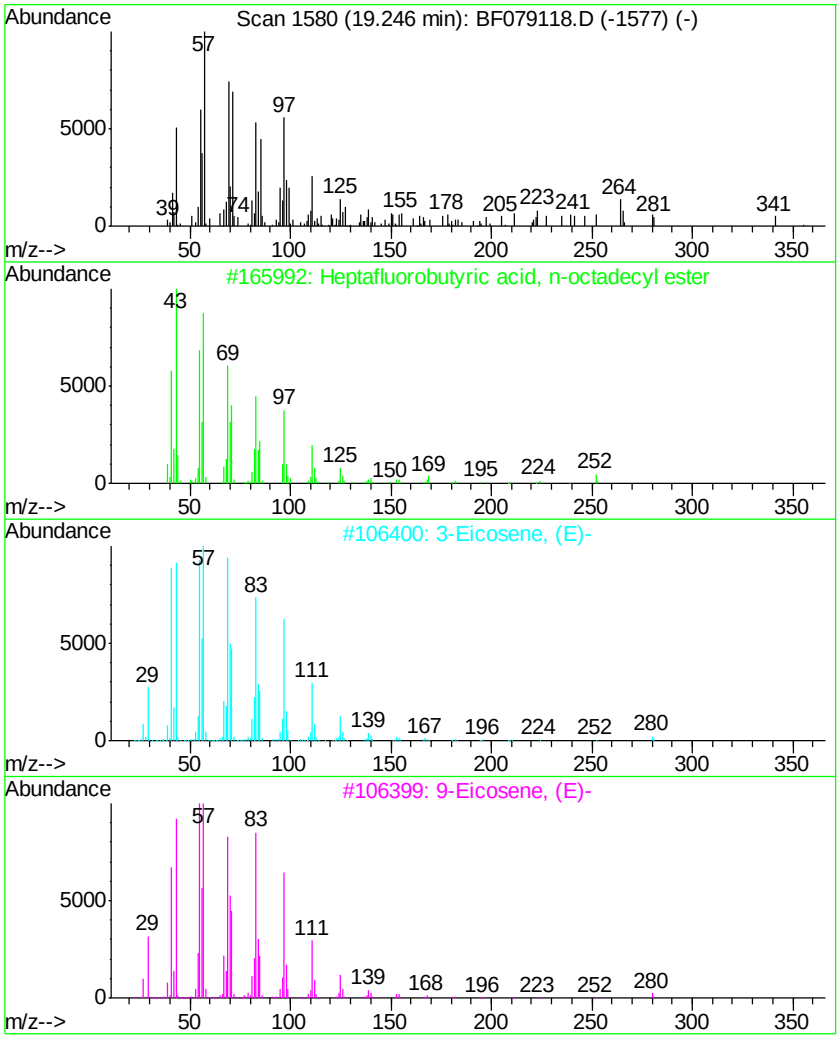
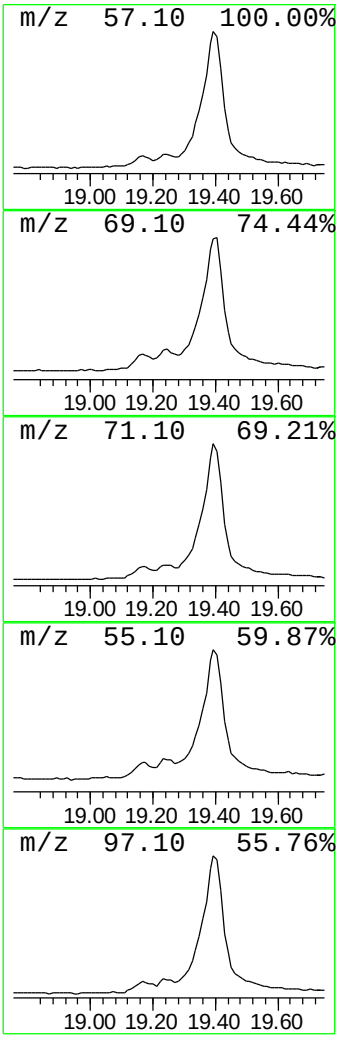
Peak Number 15 Heptafluorobutyric acid, n-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	11.75 ng	474769	Perylene-d12	18.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	64
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	52
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	50
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	50
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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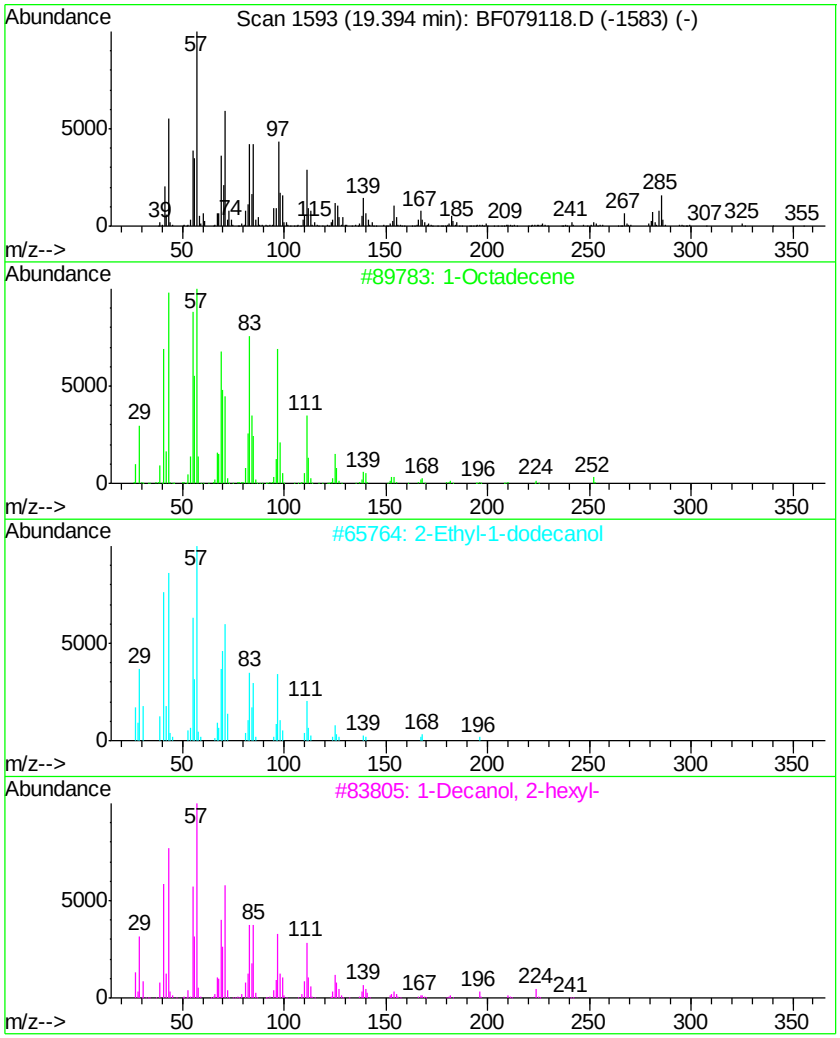
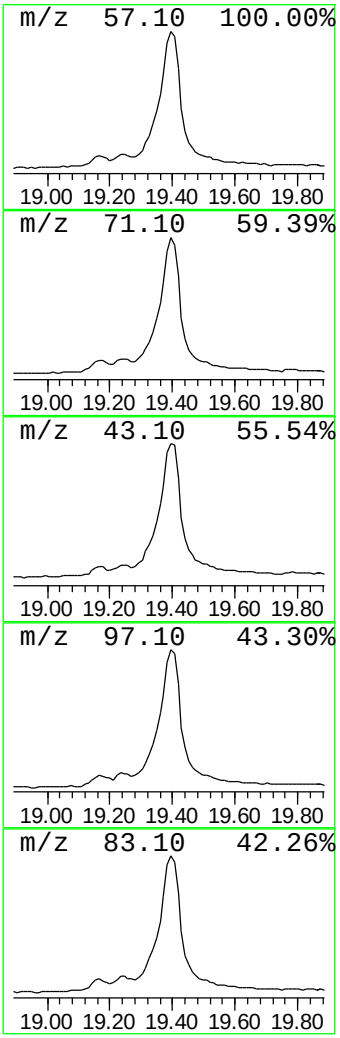
Peak Number 16 1-Octadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	200.20 ng	8089900	Perylene-d12	18.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	87
2	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	72
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
4	1-Eicosene	280	C20H40	003452-07-1	55
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051115\
Data File : BF079118.D
Acq On : 11 May 2015 16:19
Operator : TP/IZ
Sample : G2137-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Butane, 2-methoxy...	1.75	56.6	ng	1064520	1	7.30	375857	20.0
unknown7.02	7.02	84.9	ng	1595600	1	7.30	375857	20.0
2,5,8,11-Tetraoxa...	11.14	10.7	ng	335410	3	11.05	629782	20.0
dl-Threonine, met...	11.22	18.3	ng	577423	3	11.05	629782	20.0
Tetraethyleneglyc...	12.61	2.8	ng	91685	4	12.90	665307	20.0
Hexaethylene glyc...	12.83	8.2	ng	271224	4	12.90	665307	20.0
1-Decanol, 2-hexyl-	16.11	52.1	ng	3847100	5	16.22	1475850	20.0
unknown16.89	16.89	21.3	ng	1568820	5	16.22	1475850	20.0
unknown17.81	17.81	3.6	ng	144131	6	18.06	808196	20.0
9-Eicosene, (E)-	19.17	9.1	ng	365973	6	18.06	808196	20.0
Heptafluorobutyri...	19.25	11.8	ng	474769	6	18.06	808196	20.0
1-Octadecene	19.39	200.2	ng	8089900	6	18.06	808196	20.0