LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109186.D
Acq On : 20 Sep 2018 17:19
Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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	5.319	504	507	514	rBV	154146	130043	11.24%	1.273%
2	6.342	678	681	690	rVB	153887	143858	12.44%	1.408%
3	6.484	702	705	710	rVB	194001	149120	12.89%	1.460%
4	6.719	741	745	748	rBV	633614	486474	42.06%	4.762%
5	6.872	768	771	775	rBV	127979	106759	9.23%	1.045%
6	7.272	836	839	848	rBV	100995	84473	7.30%	0.827%
7	8.001	959	963	966	rBV	841129	677692	58.59%	6.634%
8	8.072	972	975	989	rVB	119287	110630	9.56%	1.083%
9	8.466	1039	1042	1055	rBV	206626	195583	16.91%	1.915%
10	9.072	1142	1145	1149	rBV	229991	191150	16.53%	1.871%
11	9.466	1209	1212	1217	rBV	26387	19441	1.68%	0.190%
12	9.513	1217	1220	1234	rVV	536230	423598	36.62%	4.147%
13	9.660	1239	1245	1250	rBV	206358	188395	16.29%	1.844%
14	9.748	1256	1260	1264	rBV2	988899	834305	72.13%	8.167%
15	9.801	1265	1269	1272	rBV	1374867	1156639	100.00%	11.322%
16	9.872	1279	1281	1291	rVB	38239	40852	3.53%	0.400%
17	9.972	1294	1298	1306	rBV3	19458	30111	2.60%	0.295%
18	10.530	1390	1393	1398	rBV	118006	98380	8.51%	0.963%
19	10.860	1445	1449	1459	rBV	352894	323224	27.95%	3.164%
20	10.960	1463	1466	1469	rVV	599771	478901	41.40%	4.688%
21	10.995	1469	1472	1476	rVV	82539	94434	8.16%	0.924%
22	11.036	1476	1479	1482	rVV	16911	19401	1.68%	0.190%
23	11.072	1482	1485	1486	rVV	194208	152022	13.14%	1.488%
24	11.089	1486	1488	1495	rVV	419222	447172	38.66%	4.377%
25	11.148	1495	1498	1499	rVV	193858	165119	14.28%	1.616%
26	11.166	1499	1501	1508	rVV	250845	239449	20.70%	2.344%
27	11.224	1508	1511	1515	rVB	941090	783650	67.75%	7.671%
28	12.019	1643	1646	1654	rBV	113365	125972	10.89%	1.233%
29	12.095	1654	1659	1664	rVV	167509	202246	17.49%	1.980%
30	12.148	1664	1668	1670	rVV2	43474	67124	5.80%	0.657%
31	12.171	1670	1672	1675	rVV	38592	47251	4.09%	0.463%
32	12.213	1675	1679	1683	rVV	74315	117086	10.12%	1.146%
33	12.266	1683	1688	1702	rVB	75254	165037	14.27%	1.616%
34	12.807	1776	1780	1783	rBV	238333	224544	19.41%	2.198%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.042	1816	1820	1825	rBV3	20459	35795	3.09%	0.350%
36	13.095	1825	1829	1833	rVV	44413	47076	4.07%	0.461%
37	13.724	1933	1936	1942	rBV4	11122	16844	1.46%	0.165%
38	13.848	1953	1957	1961	rBV	476937	444530	38.43%	4.352%
39	13.989	1978	1981	1985	rBV6	8355	13662	1.18%	0.134%
40	14.342	2037	2041	2044	rBV2	13010	14062	1.22%	0.138%
41	14.636	2087	2091	2096	rVB	26942	30468	2.63%	0.298%
42	14.954	2141	2145	2148	rBV	38736	38998	3.37%	0.382%
43	15.254	2191	2196	2201	rBV	499094	590526	51.06%	5.781%
44	15.307	2201	2205	2214	rVB2	47717	70236	6.07%	0.688%
45	15.707	2269	2273	2279	rBV	43662	79001	6.83%	0.773%
46	16.177	2348	2353	2359	rVB2	33225	56629	4.90%	0.554%
47	16.718	2442	2445	2451	rVB7	17422	30323	2.62%	0.297%
48	17.359	2549	2554	2561	rBV4	11357	27124	2.35%	0.266%

Sum of corrected areas: 10215409

LSC Report - Integrated Chromatogram

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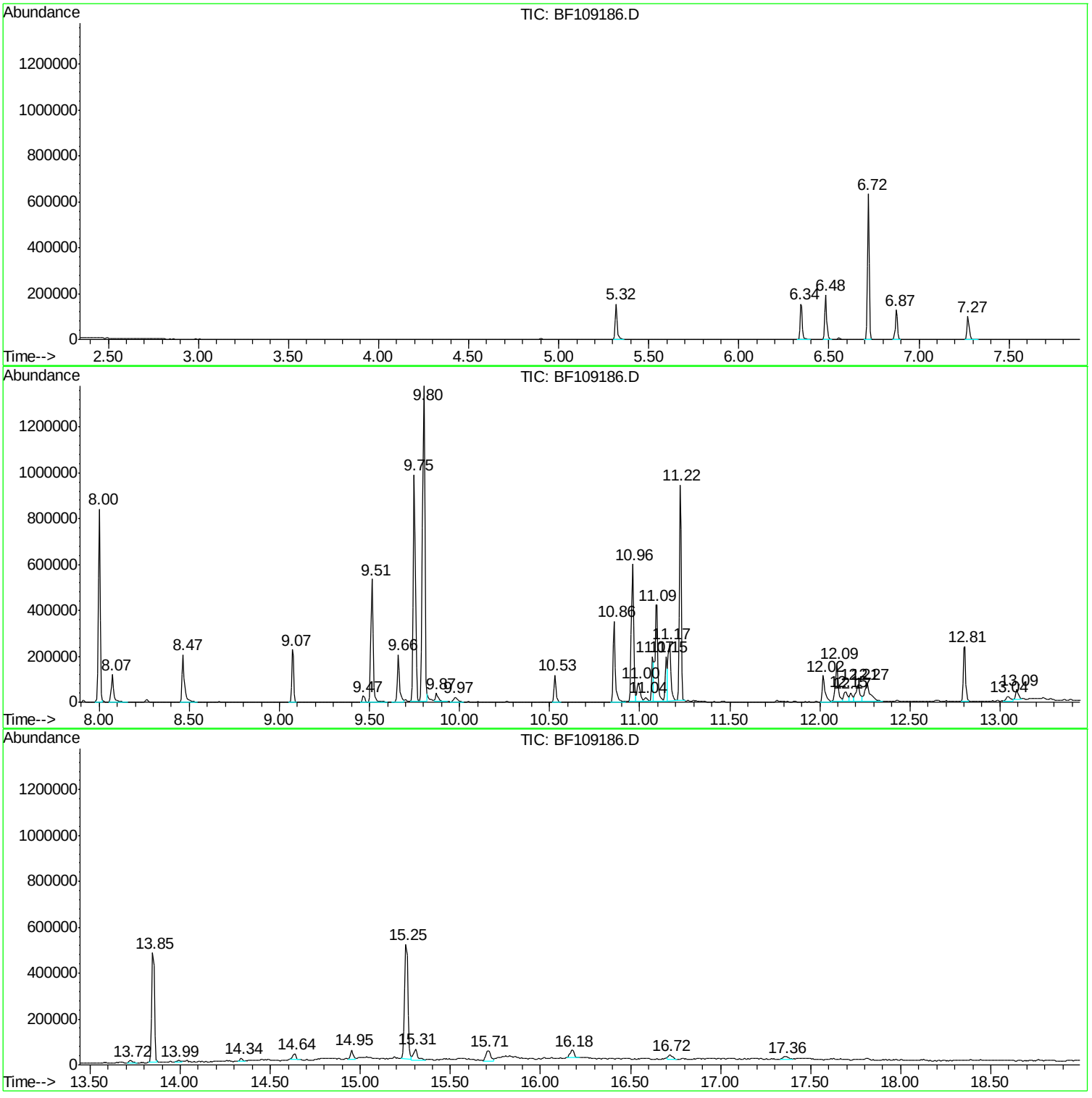
Acq On : 20 Sep 2018 17:19
Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109186.D
Acq On : 20 Sep 2018 17:19
Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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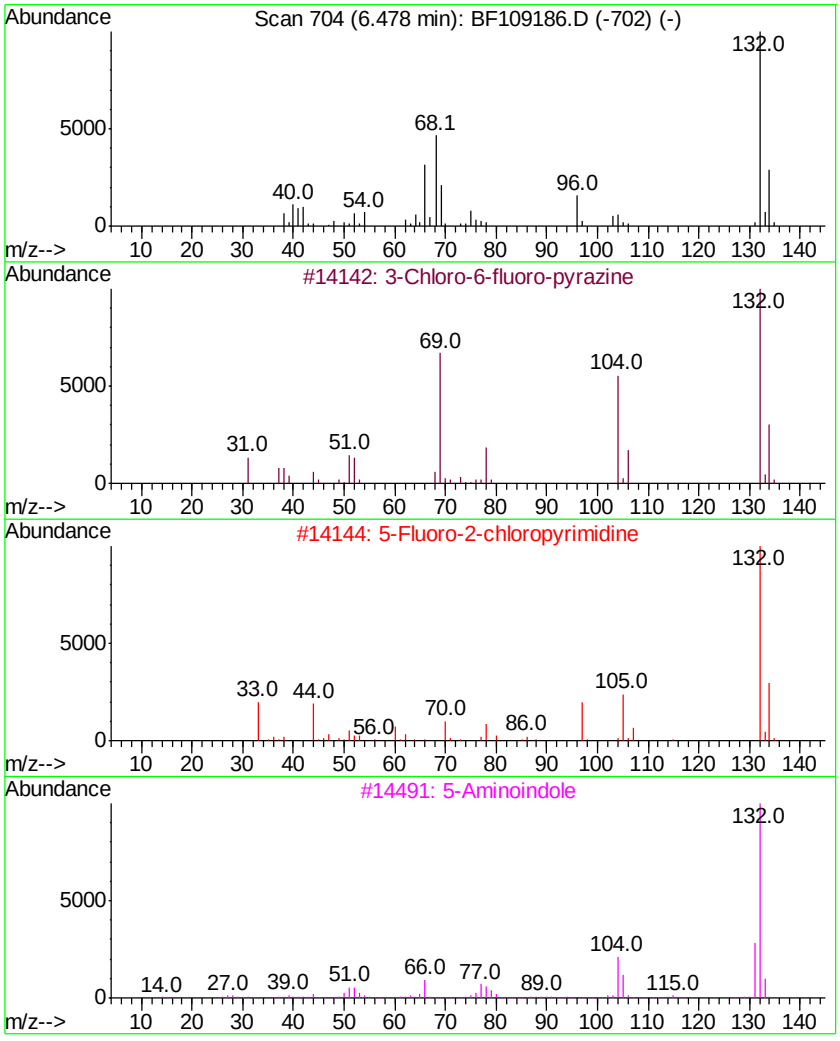
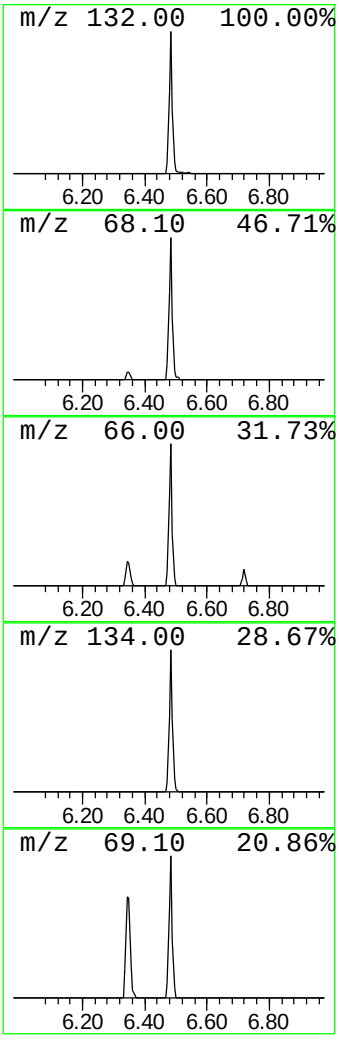
Peak Number 1 unknown6.48 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	6.13 ng	149120	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Xenon	132	Xe	007440-63-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109186.D
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Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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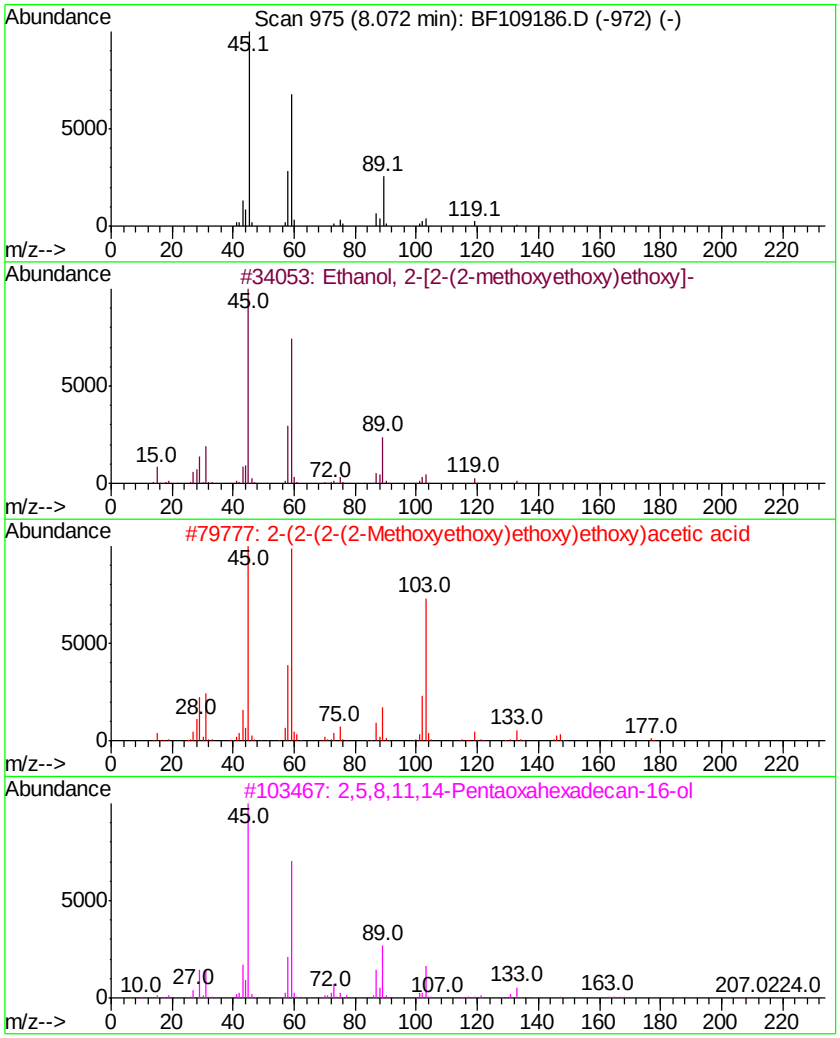
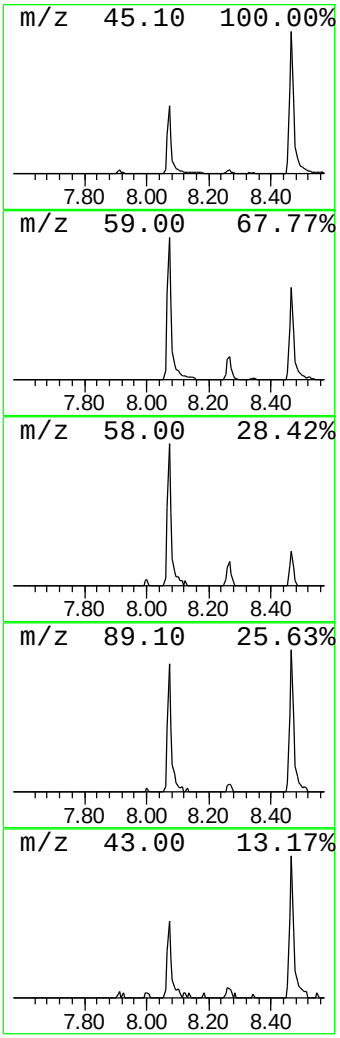
Peak Number 3 Ethanol, 2-[2-(2-methoxyeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	3.26 ng	110630	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	83
2	2-(2-(2-(2-Methoxyethoxy)ethoxy)...	222	C9H18O6	1000366-76-8	72
3	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	64
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	59
5	Propane, 1,2,3-trimethoxy-	134	C6H14O3	020637-49-4	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109186.D
Acq On : 20 Sep 2018 17:19
Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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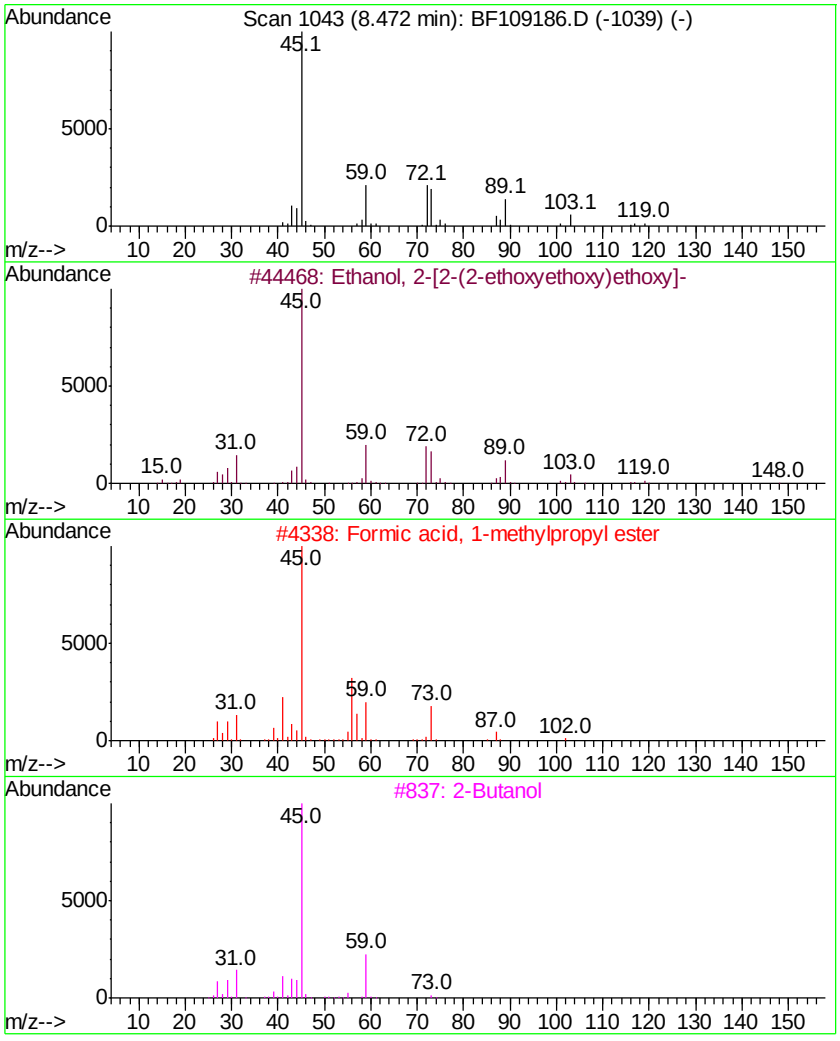
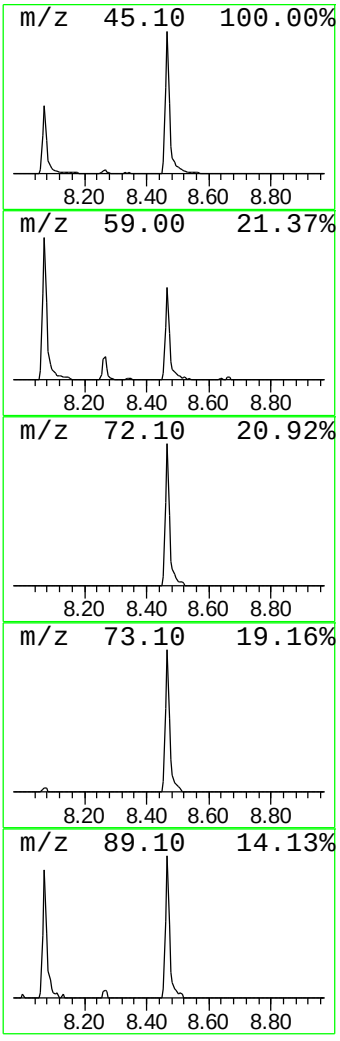
Peak Number 4 Ethanol, 2-[2-(2-ethoxyetho... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	5.77 ng	195583	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	90
2	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	59
3	2-Butanol	74	C4H10O	000078-92-2	50
4	Triethylene glycol	150	C6H14O4	000112-27-6	50
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
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Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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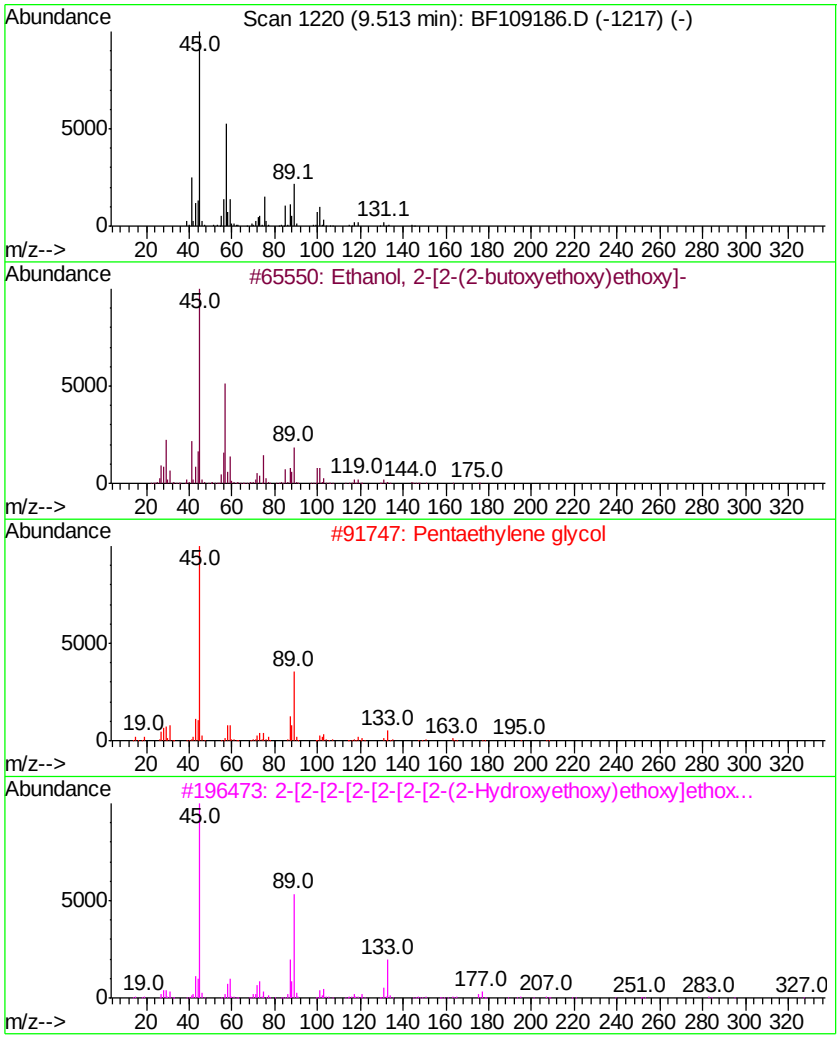
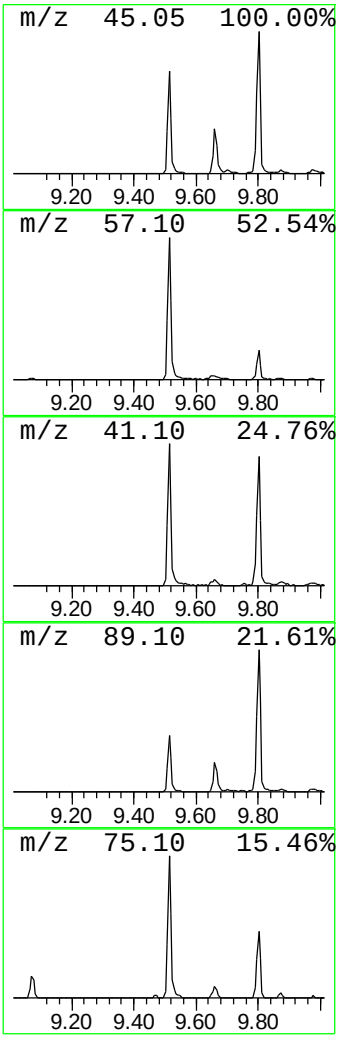
Peak Number 5 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	10.15 ng	423598	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	72
3	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	64
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	64
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
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Misc :
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Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

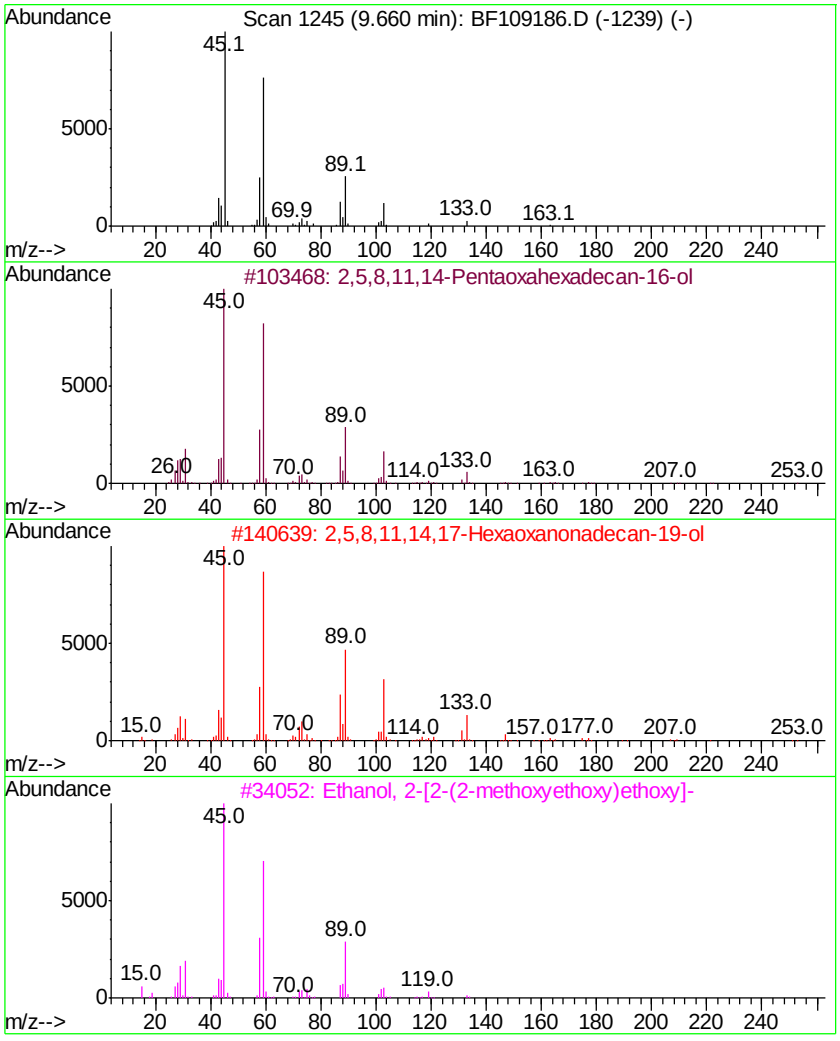
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

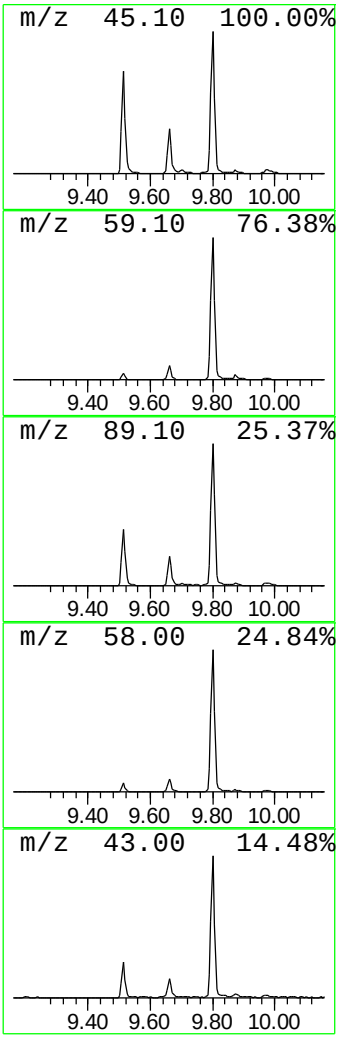
****

Peak Number 6 2,5,8,11,14-Pentaoxahexadec... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	4.52 ng	188395	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	90
2	2,5,8,11,14,17-Hexaoxanonadecan-...	296	C13H28O7	023601-40-3	83
3	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	78
4	2-Propanol, 1-ethoxy-	104	C5H12O2	001569-02-4	64
5	DL-Glyceraldehyde, dimethyl ether	118	C5H10O3	1000332-93-3	64





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

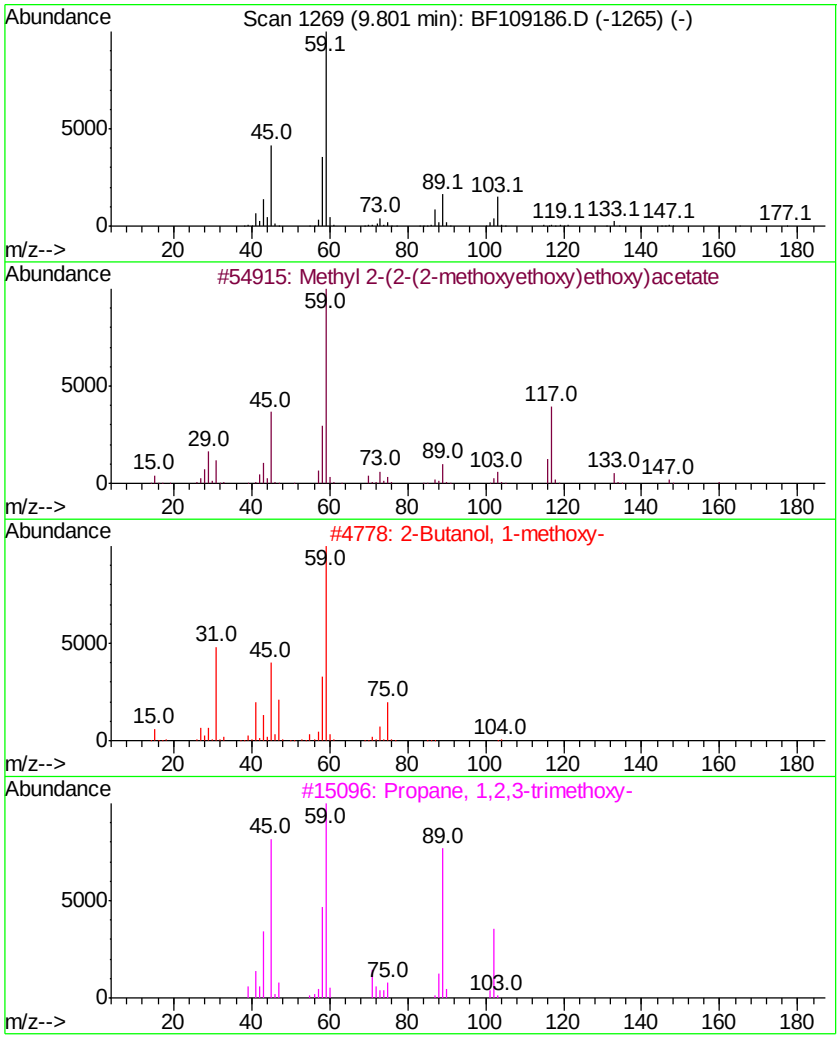
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

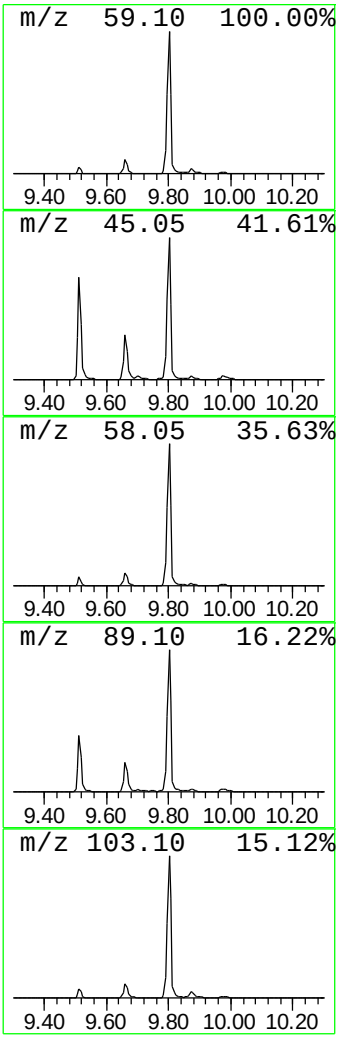
****

Peak Number 7 Methyl 2-(2-(2-methoxyethox... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	27.73 ng	1156640	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-(2-(2-methoxyethoxy)eth...	192	C8H16O5	1000366-88-2	72
2	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	64
3	Propane, 1,2,3-trimethoxy-	134	C6H14O3	020637-49-4	64
4	Tetraglyme	222	C10H22O5	000143-24-8	64
5	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	59





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Misc :
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Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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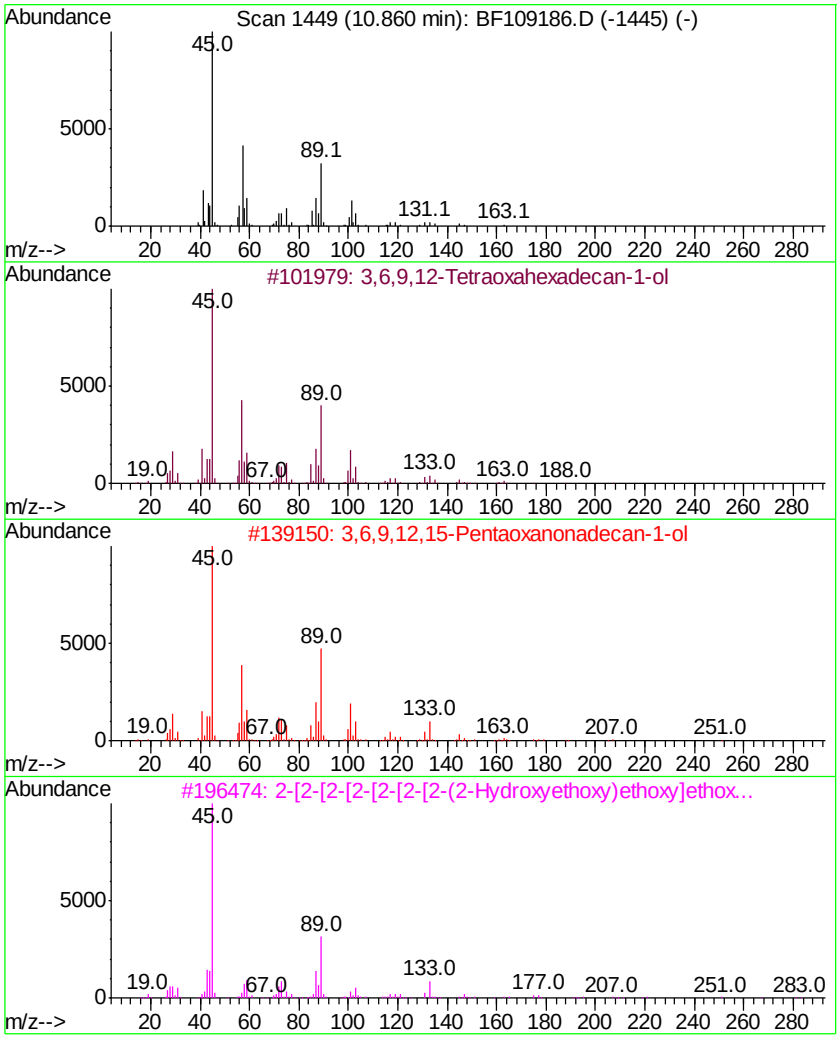
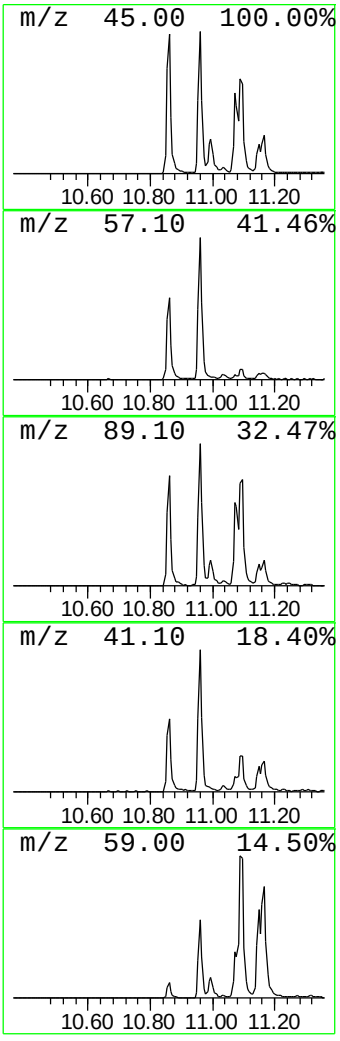
Peak Number 8 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	8.25 ng	323224	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	91
2	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	87
3	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	74
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	72
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	64





Library Search Compound Report

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Data File : BF109186.D
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Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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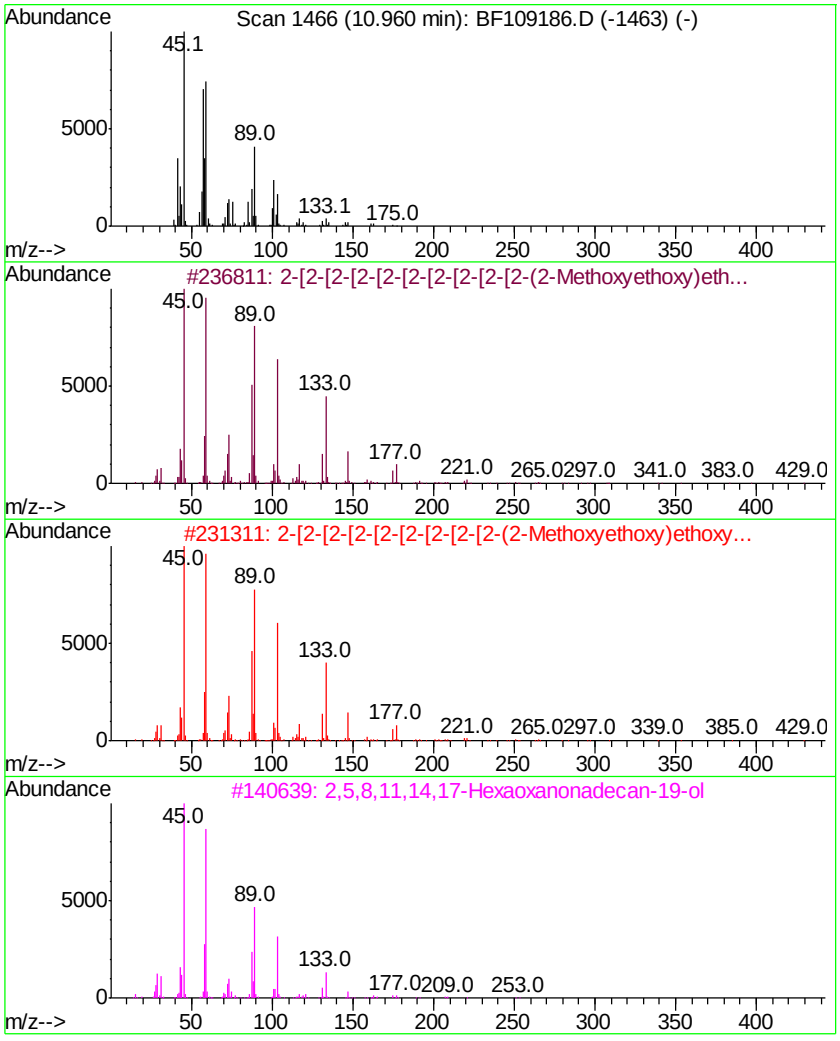
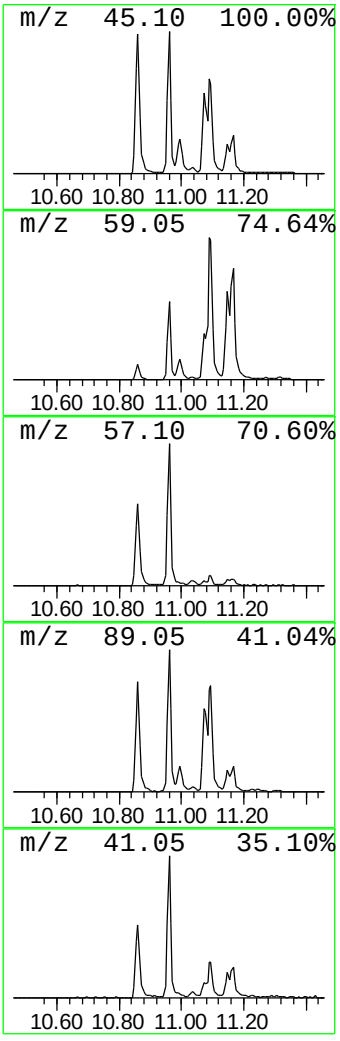
Peak Number 9 2-[2-[2-[2-[2-[2-[2-[2-[2-[... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	12.22 ng	478901	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-⌈2-⌈2-⌈2-⌈2-⌈2-⌈2-⌈2-⌈2-(2-...	516	C23H48O12	1000352-04-4	80
2	2-⌈2-⌈2-⌈2-⌈2-⌈2-⌈2-⌈2-(2-Met...	472	C21H44O11	1000352-11-2	80
3	2,5,8,11,14,17-Hexaoxanonadecan-...	296	C13H28O7	023601-40-3	80
4	2-⌈2-⌈2-⌈2-⌈2-⌈2-⌈2-(2-Methox...	428	C19H40O10	1000352-04-3	80
5	2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	1000352-04-1	80





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Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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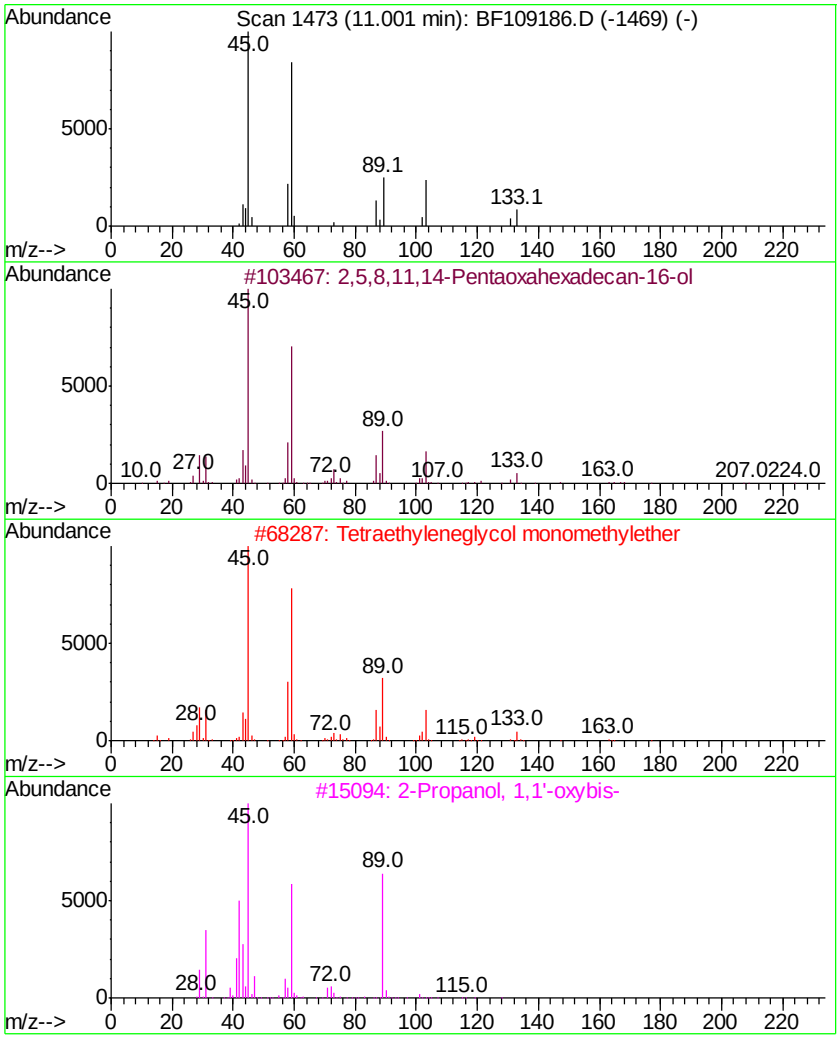
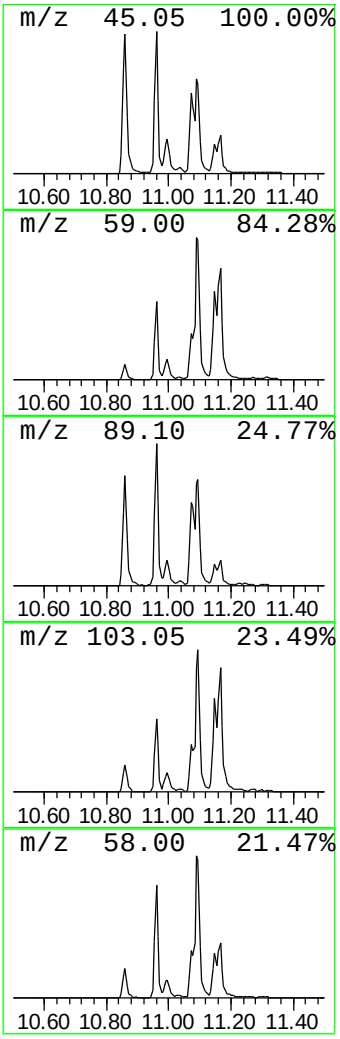
Peak Number 10 Tetraethyleneglycol monomet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	2.41 ng	94434	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	90
2	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	86
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	59
4	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	59
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	45





Library Search Compound Report

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Sample : J5001-02 10X
Misc :
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Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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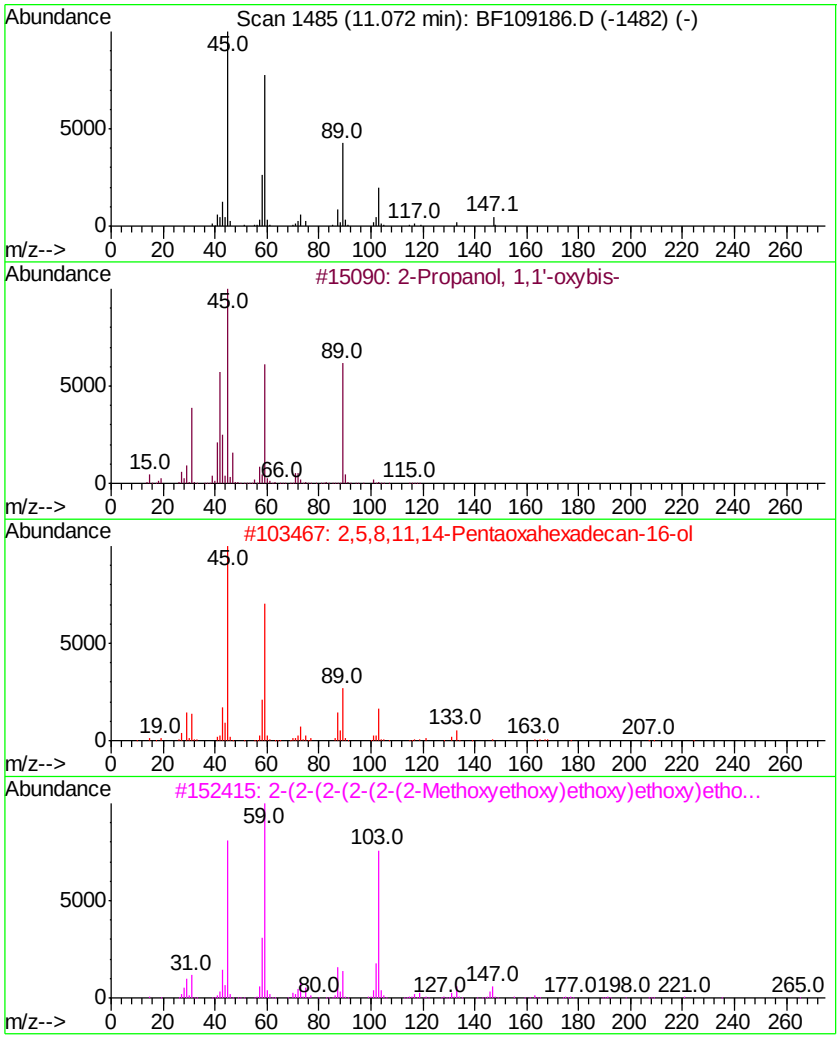
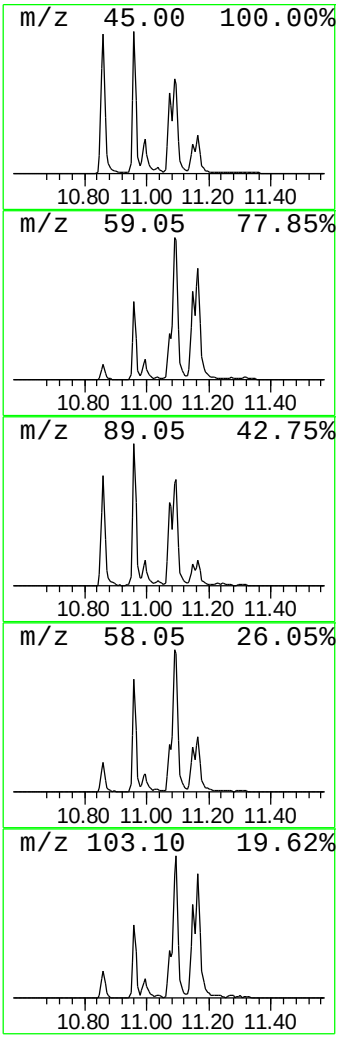
Peak Number 11 2-Propanol, 1,1'-oxybis- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.88 ng	152022	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	59
2	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	56
3	2-(2-(2-(2-(2-(2-Methoxyethoxy)e...	310	C13H26O8	1000366-93-3	53
4	Ethene, (2-methoxyethoxy)-	102	C5H10O2	001663-35-0	50
5	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	50





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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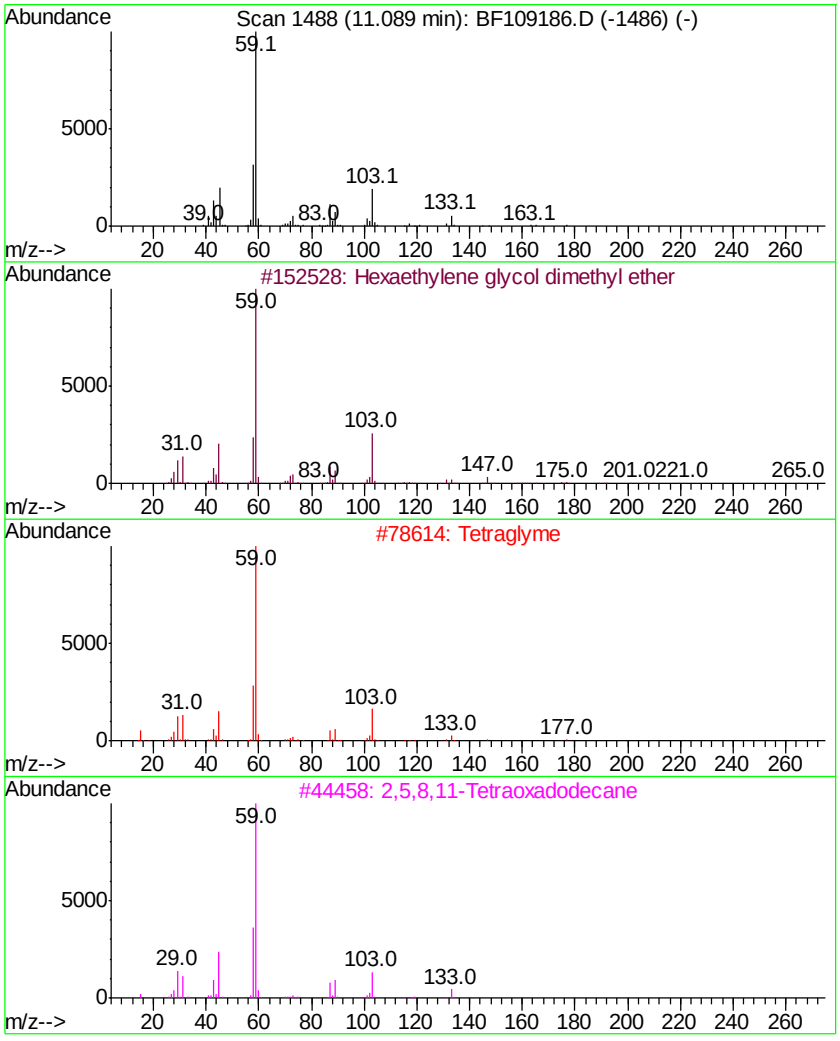
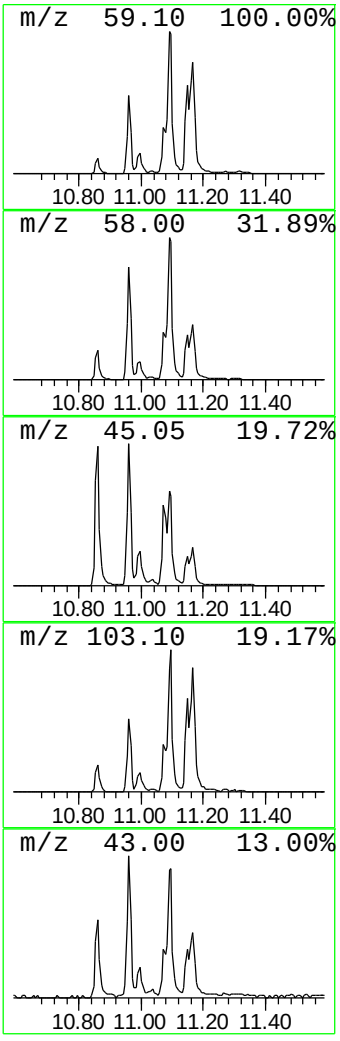
Peak Number 12 Hexaethylene glycol dimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	11.41 ng	447172	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	86
2	Tetraglyme	222	C10H22O5	000143-24-8	83
3	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	78
4	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	72
5	Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	64





Library Search Compound Report

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Acq On : 20 Sep 2018 17:19
Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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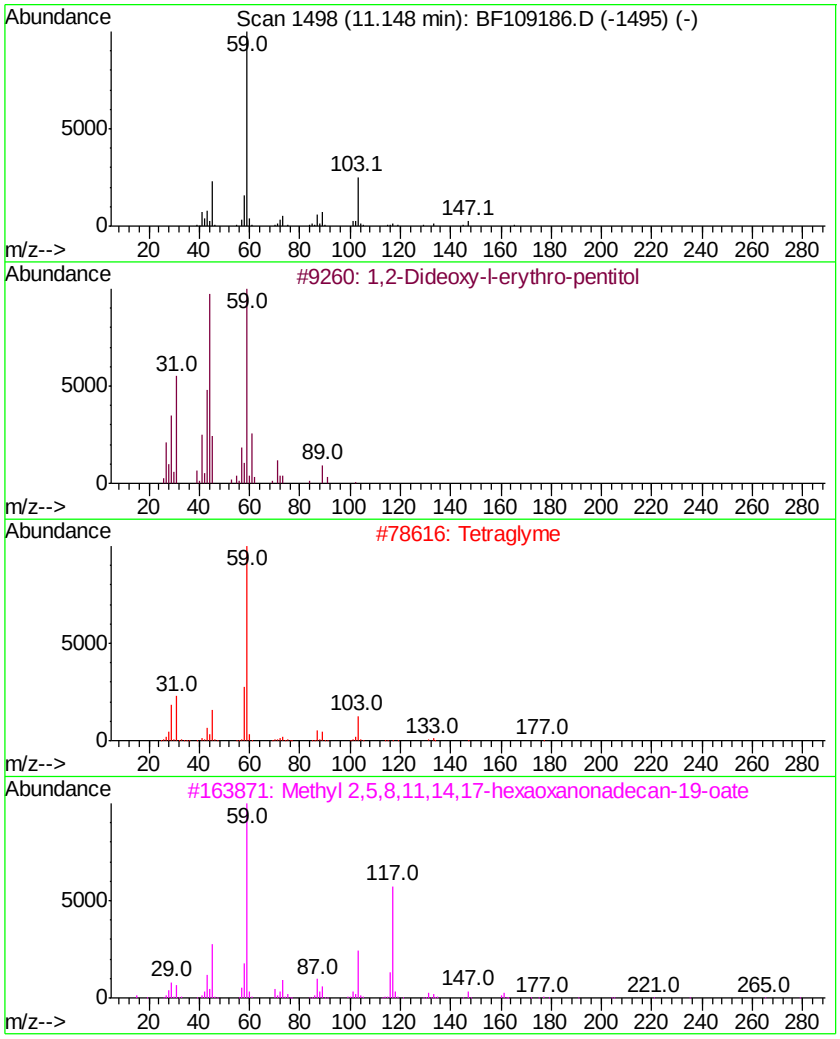
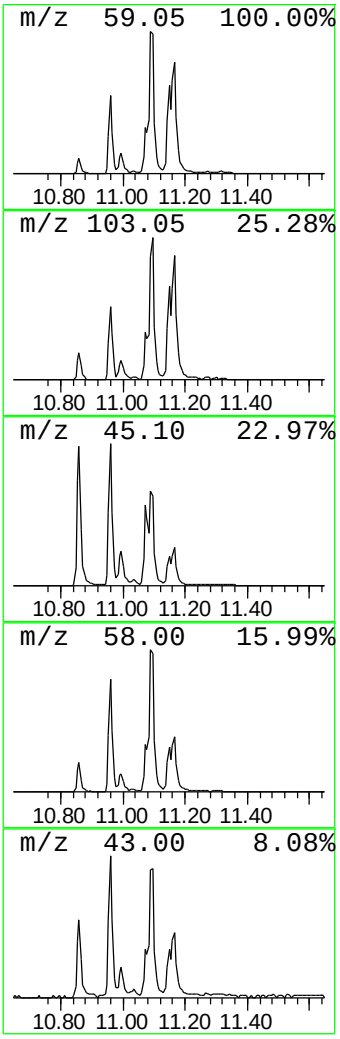
Peak Number 13 1,2-Dideoxy-l-erythro-pentitol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.21 ng	165119	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dideoxy-l-erythro-pentitol	120	C5H12O3	1000112-47-4	64
2	Tetraglyme	222	C10H22O5	000143-24-8	64
3	Methyl 2,5,8,11,14,17-hexaoxanon...	324	C14H28O8	1000366-81-4	64
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
5	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	64





Library Search Compound Report

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Sample : J5001-02 10X
Misc :
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Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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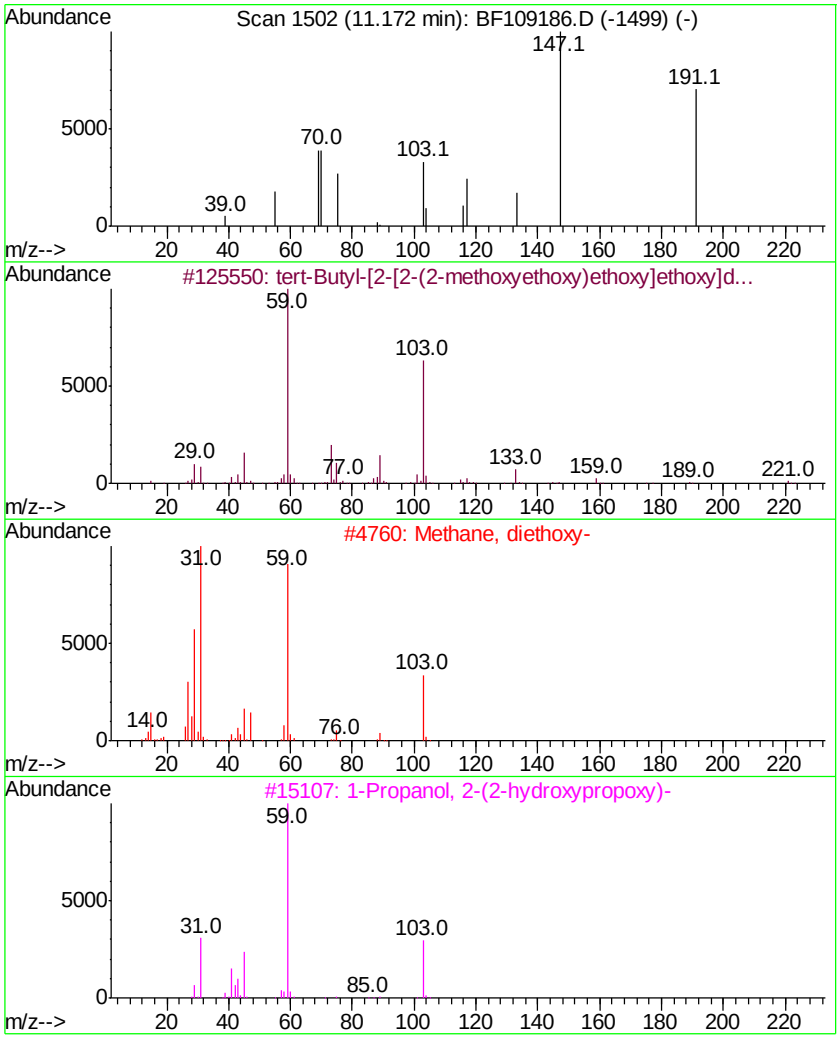
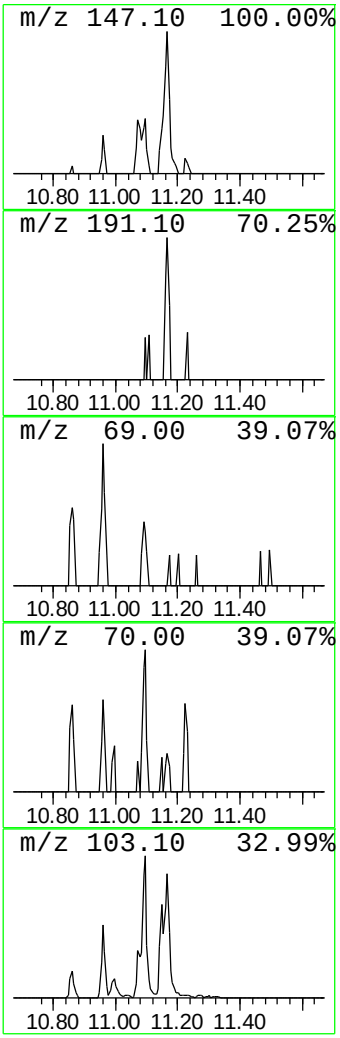
Peak Number 14 tert-Butyl-[2-[2-(2-methoxy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	6.11 ng	239449	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyl-[2-[2-(2-methoxyethox...	278	C13H30O4Si	1000352-09-5	64
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	53
5	dl-Threonine, methyl ester	133	C5H11NO3	1000130-33-2	53





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Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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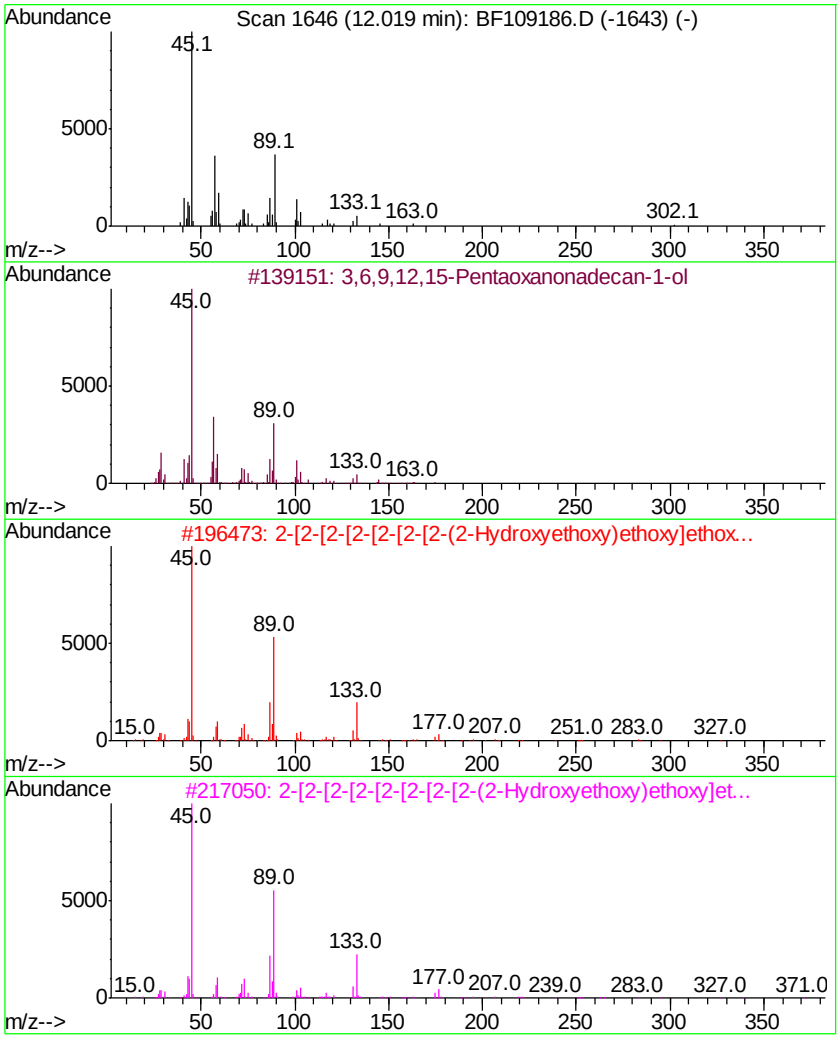
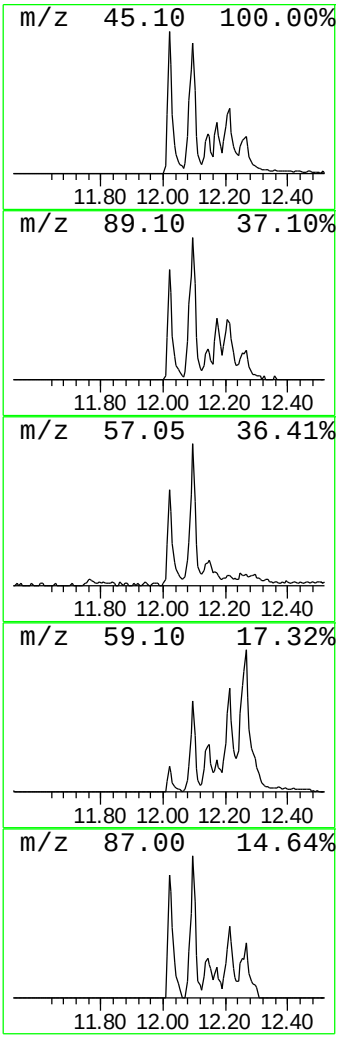
Peak Number 15 3,6,9,12,15-Pentaoxanonadec... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.22 ng	125972	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	91
2	2-[2-[2-[2-[2-[2-(2-Hydroxyvet...	370	C16H34O9	005117-19-1	80
3	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	80
4	15-Crown-5	220	C10H20O5	033100-27-5	72
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	72





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Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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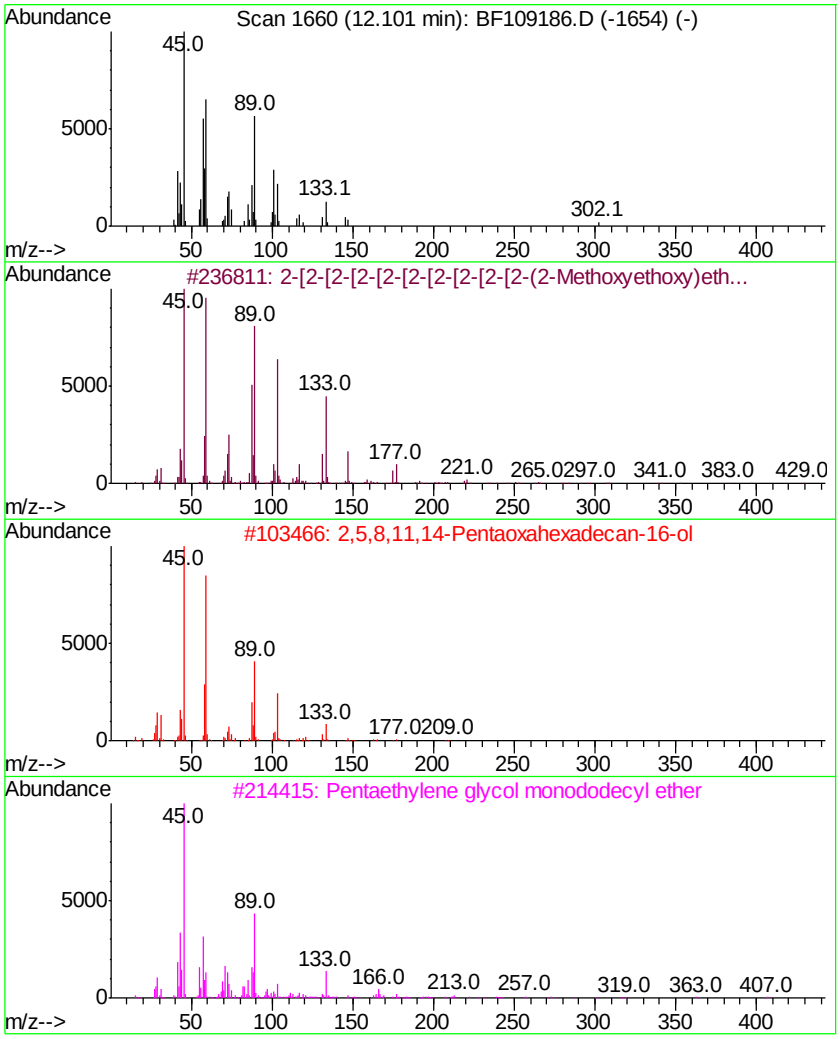
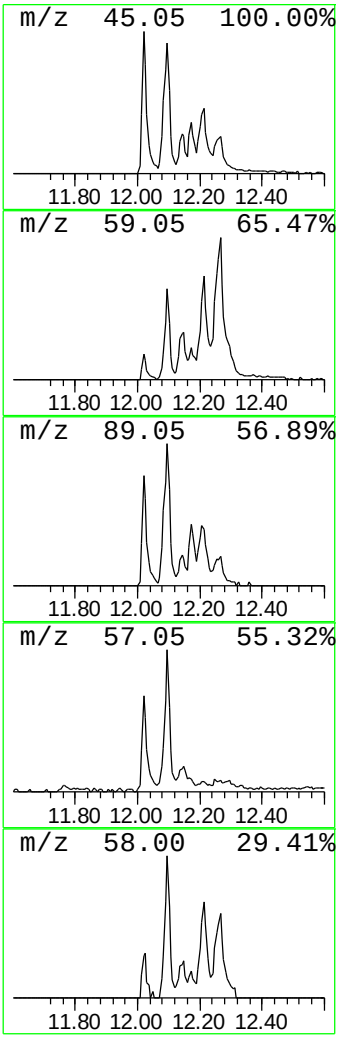
Peak Number 16 Pentaethylene glycol monodo... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	5.16 ng	202246	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	516	C23H48O12	1000352-04-4	72
2	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	64
3	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	59
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	59
5	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	59





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Sample : J5001-02 10X
Misc :
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Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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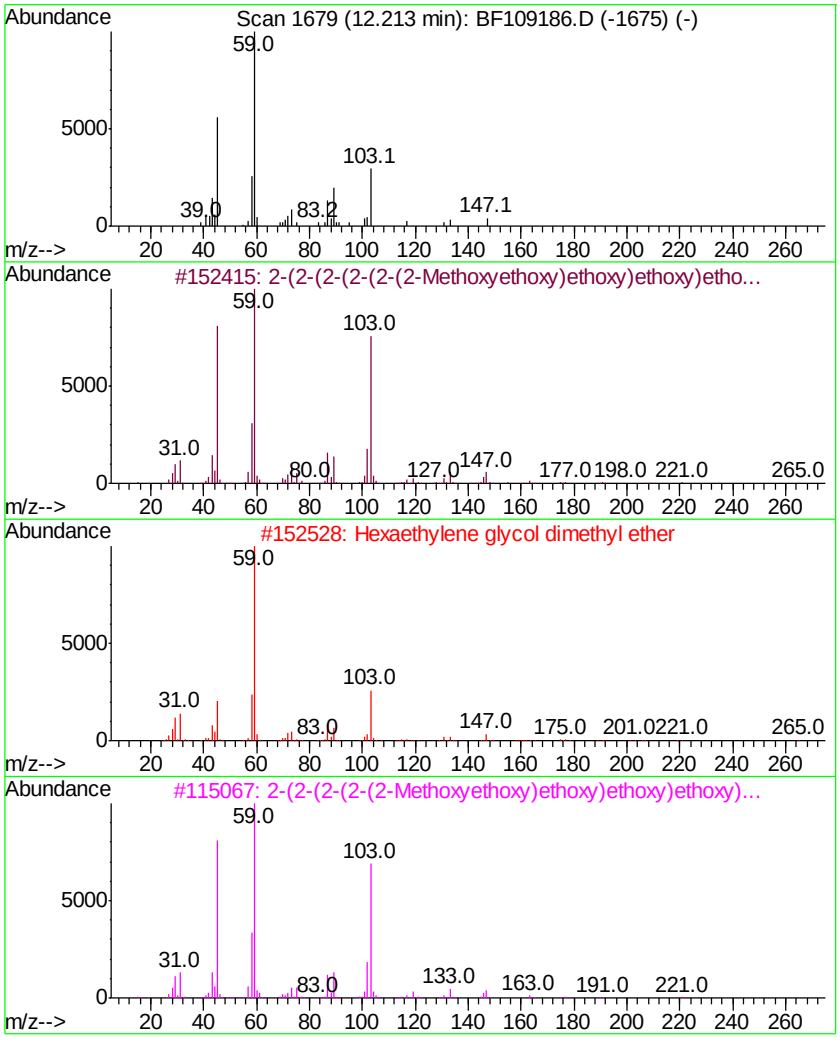
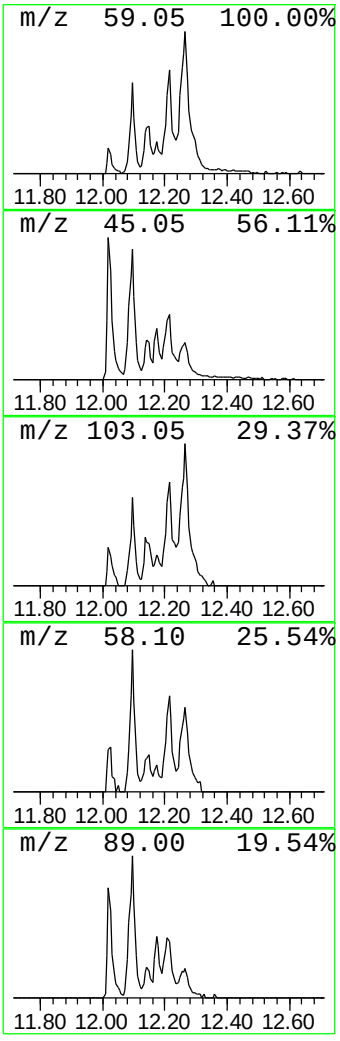
Peak Number 17 Methyl 2,5,8,11,14-pentaoxa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.99 ng	117086	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-(2-(2-(2-Methoxyethoxy)e...	310	C13H26O8	1000366-93-3	72
2	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	72
3	2-(2-(2-(2-(2-Methoxyethoxy)etho...	266	C11H22O7	1000366-84-6	64
4	Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	59
5	Methyl 2,5,8,11,14,17-hexaoxanon...	324	C14H28O8	1000366-81-4	59





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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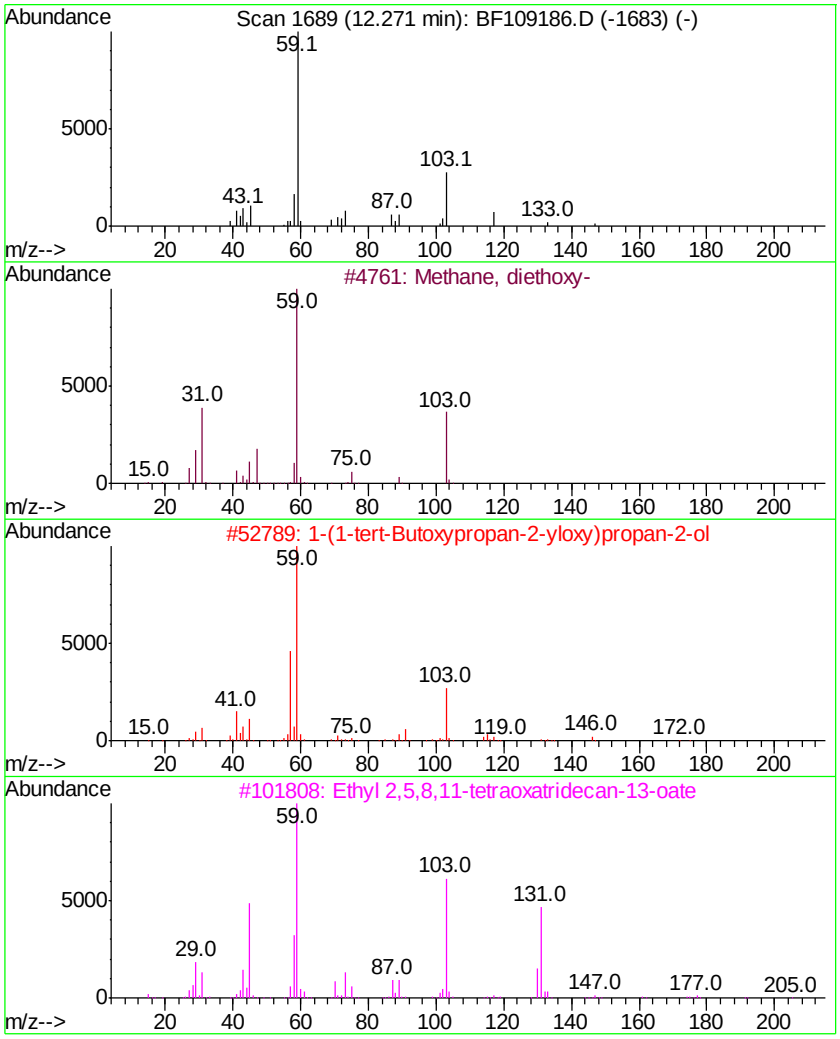
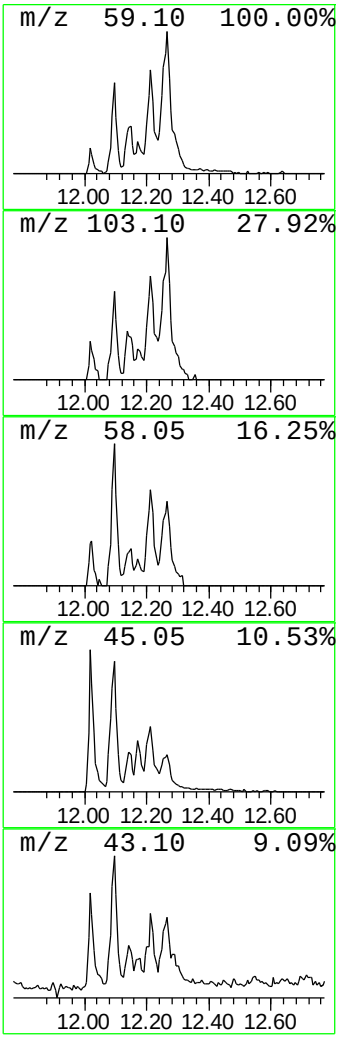
Peak Number 18 Methane, diethoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	4.21 ng	165037	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, diethoxy-	104	C5H12O2	000462-95-3	72
2	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	64
3	Ethyl 2,5,8,11-tetraoxatridecan-...	250	C11H22O6	1000366-77-9	50
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	50
5	Methyl 2,5,8,11,14,17-hexaoxanon...	324	C14H28O8	1000366-81-4	47





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

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TIC Integration Parameters: LSCINT.P

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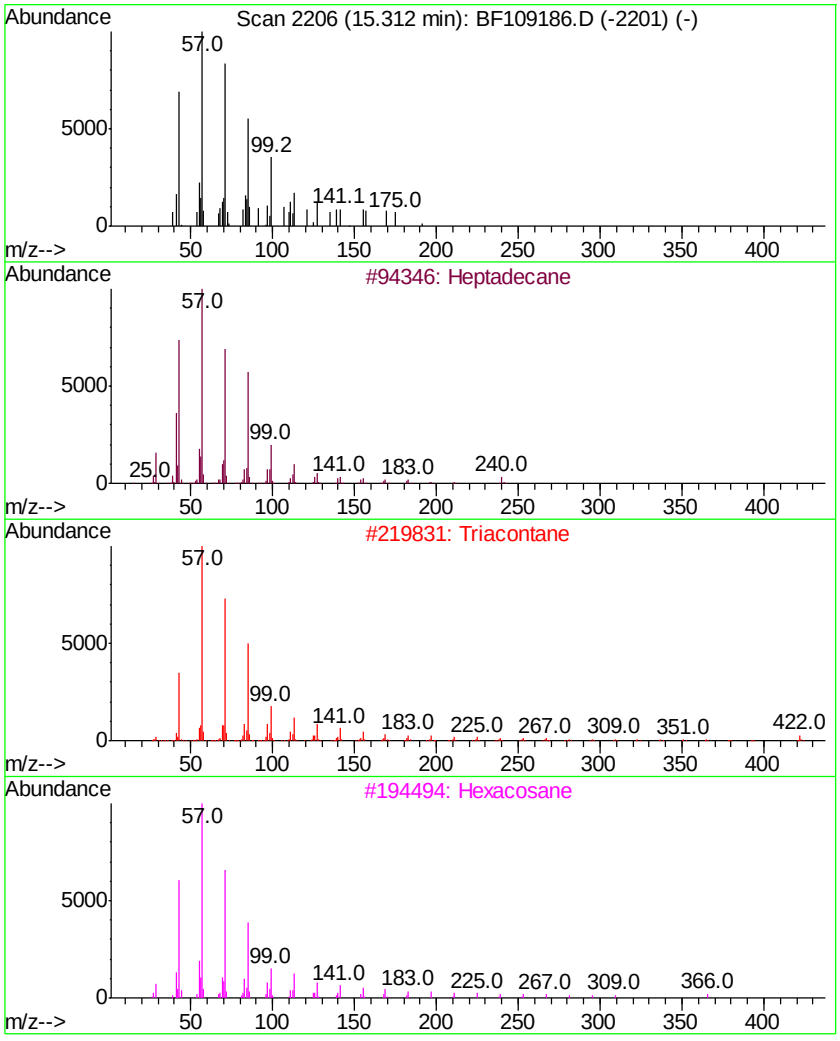
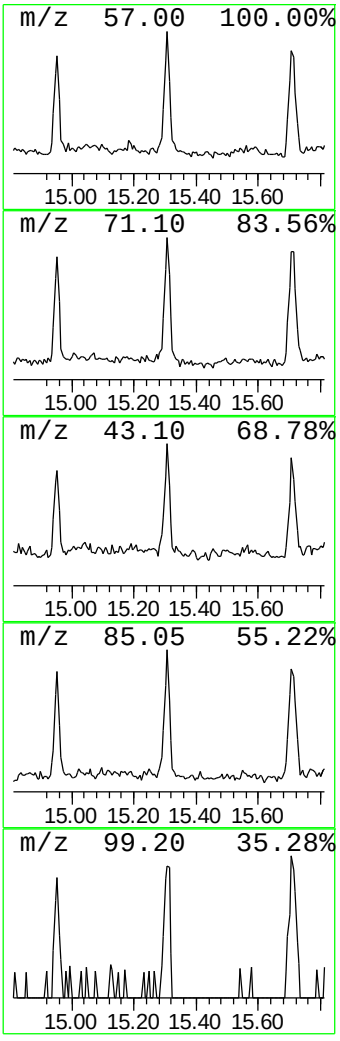
Peak Number 19 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.38 ng	70236	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	80
2	Triacontane	422	C30H62	000638-68-6	72
3	Hexacosane	366	C26H54	000630-01-3	64
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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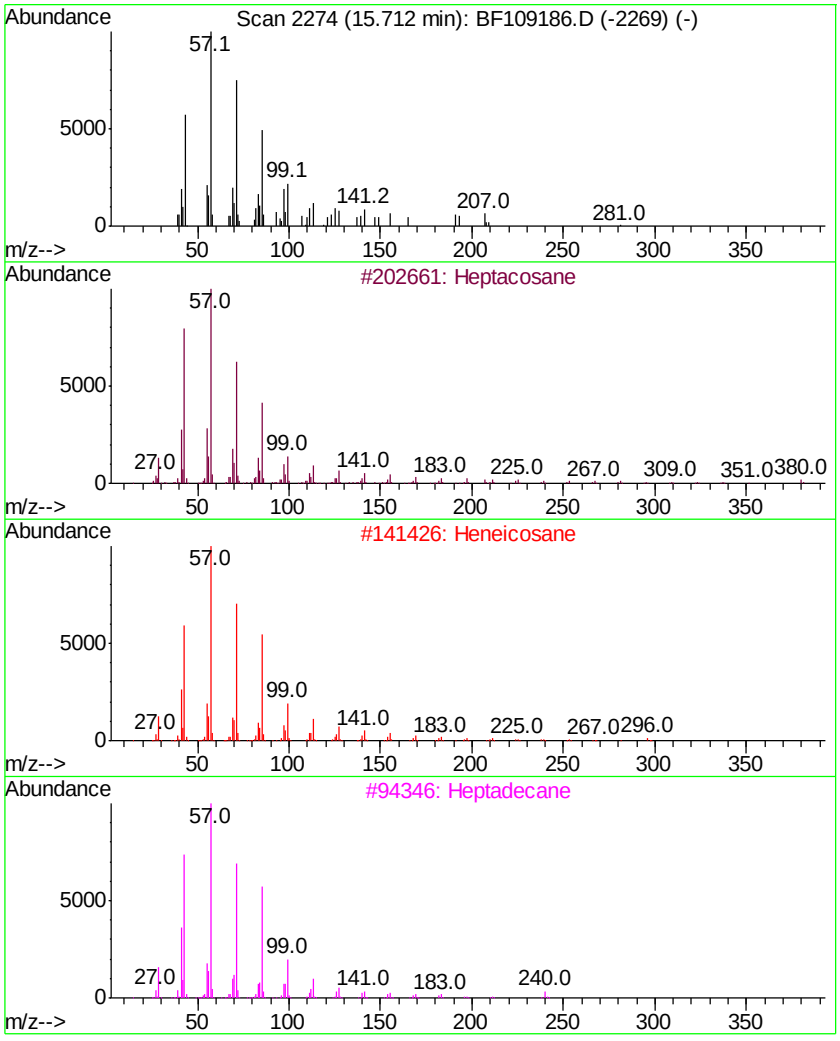
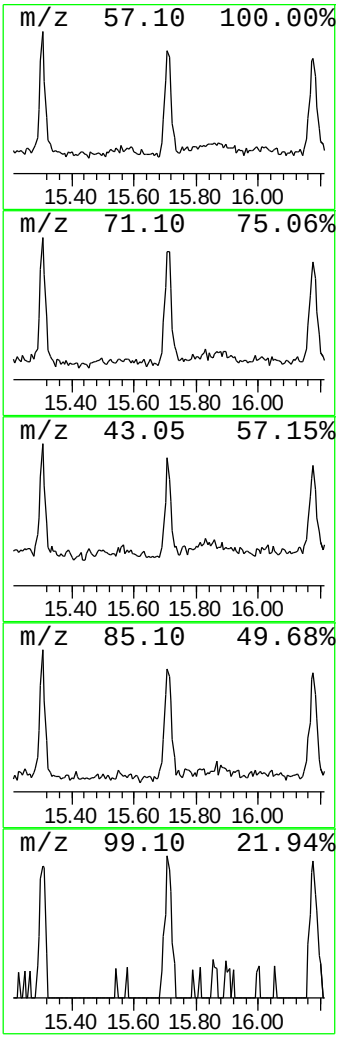
Peak Number 20 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	2.68 ng	79001	Perylene-d12	15.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Pentacosane	352	C25H52	000629-99-2	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092018\
Data File : BF109186.D
Acq On : 20 Sep 2018 17:19
Operator : JU/SJ
Sample : J5001-02 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-OILY-STONE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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
unknown6.48	6.48	6.1	ng	149120	1	6.72	486474	20.0
Ethanol, 2-[2-(2-...	8.07	3.3	ng	110630	2	8.00	677692	20.0
Ethanol, 2-[2-(2-...	8.47	5.8	ng	195583	2	8.00	677692	20.0
Ethanol, 2-[2-(2-...	9.51	10.2	ng	423598	3	9.75	834305	20.0
2,5,8,11,14-Penta...	9.66	4.5	ng	188395	3	9.75	834305	20.0
Methyl 2-(2-(2-me...	9.80	27.7	ng	1156640	3	9.75	834305	20.0
3,6,9,12-Tetraoxa...	10.86	8.3	ng	323224	4	11.22	783650	20.0
2-[2-[2-[2-[2-[2-...	10.96	12.2	ng	478901	4	11.22	783650	20.0
Tetraetheleneglyc...	11.00	2.4	ng	94434	4	11.22	783650	20.0
2-Propanol, 1,1'-...	11.07	3.9	ng	152022	4	11.22	783650	20.0
Hexaethylene glyc...	11.09	11.4	ng	447172	4	11.22	783650	20.0
1,2-Dideoxy-l-ery...	11.15	4.2	ng	165119	4	11.22	783650	20.0
tert-Butyl-[2-[2-...	11.17	6.1	ng	239449	4	11.22	783650	20.0
3,6,9,12,15-Penta...	12.02	3.2	ng	125972	4	11.22	783650	20.0
Pentaethylene gly...	12.10	5.2	ng	202246	4	11.22	783650	20.0
Methyl 2,5,8,11,1...	12.21	3.0	ng	117086	4	11.22	783650	20.0
Methane, diethoxy-	12.27	4.2	ng	165037	4	11.22	783650	20.0
Heptadecane	15.31	2.4	ng	70236	6	15.25	590526	20.0
Heptacosane	15.71	2.7	ng	79001	6	15.25	590526	20.0