LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

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-BF110817.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	5.081	505	509	515	rBV	195066	238222	3.16%	0.619%
2	5.475	567	576	580	rBV	1153380	1153790	15.31%	2.997%
3	6.163	689	693	697	rBV	410127	339365	4.50%	0.882%
4	6.487	738	748	753	rVB	770992	751797	9.98%	1.953%
5	6.634	767	773	776	rBV	1874859	1916409	25.44%	4.979%
6	6.857	807	811	814	rBV	554048	470958	6.25%	1.224%
7	6.916	817	821	823	rBV	109758	84187	1.12%	0.219%
8	7.016	832	838	841	rBV	1863059	1802860	23.93%	4.684%
9	7.169	859	864	868	rBV	128479	139876	1.86%	0.363%
10	7.428	903	908	910	rVV	1517204	1563590	20.75%	4.062%
11	7.457	910	913	917	rVV	107611	93329	1.24%	0.242%
12	7.645	943	945	953	rVB4	54230	90249	1.20%	0.234%
13	7.886	982	986	989	rVB3	236514	284905	3.78%	0.740%
14	8.139	1023	1029	1032	rBV	709498	676939	8.99%	1.759%
15	8.204	1038	1040	1043	rVB	232008	165516	2.20%	0.430%
16	8.357	1062	1066	1068	rBV	301518	237545	3.15%	0.617%
17	8.381	1068	1070	1074	rVV	344097	272737	3.62%	0.709%
18	8.951	1164	1167	1171	rVB	121442	105157	1.40%	0.273%
19	9.222	1207	1213	1216	rBV	2921553	2781310	36.92%	7.226%
20	9.339	1227	1233	1236	rBV	1144641	1305795	17.33%	3.392%
21	9.551	1266	1269	1272	rBV	75435	80475	1.07%	0.209%
22	9.757	1301	1304	1307	rBV	189655	161128	2.14%	0.419%
23	9.898	1322	1328	1331	rVB3	895592	1224099	16.25%	3.180%
24	10.063	1342	1356	1359	rBV	4379230	7533756	100.00%	19.572%
25	10.104	1359	1363	1367	rVB3	191486	186155	2.47%	0.484%
26	10.304	1392	1397	1403	rVB4	64997	138396	1.84%	0.360%
27	10.433	1416	1419	1423	rBV3	116062	129279	1.72%	0.336%
28	10.475	1423	1426	1429	rVV	1189189	1023922	13.59%	2.660%
29	10.522	1432	1434	1441	rVB2	64490	101207	1.34%	0.263%
30	10.639	1451	1454	1458	rBV2	63764	107303	1.42%	0.279%
31	10.692	1458	1463	1466	rVB	1602601	1560316	20.71%	4.054%
32	10.804	1477	1482	1490	rVB2	102932	143870	1.91%	0.374%
33	10.992	1508	1514	1515	rBV5	39823	75560	1.00%	0.196%
34	11.057	1520	1525	1531	rVV2	144792	212502	2.82%	0.552%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.133	1535	1538	1539	rVV3	81570	88405	1.17%	0.230%
36	11.151	1539	1541	1545	rVV	465450	453993	6.03%	1.179%
37	11.198	1546	1549	1551	rVV	130597	145227	1.93%	0.377%
38	11.216	1551	1552	1556	rVV	89603	101026	1.34%	0.262%
39	11.269	1559	1561	1568	rVB2	73508	84858	1.13%	0.220%
40	11.386	1577	1581	1583	rBV	811607	682058	9.05%	1.772%
41	11.510	1599	1602	1606	rVB	176230	157040	2.08%	0.408%
42	11.563	1607	1611	1615	rVB	1686535	1653030	21.94%	4.294%
43	11.910	1666	1670	1673	rBV	324118	257692	3.42%	0.669%
44	12.280	1727	1733	1735	rBV	302020	330618	4.39%	0.859%
45	12.480	1763	1767	1771	rBV	413441	390256	5.18%	1.014%
46	12.598	1783	1787	1792	rBV	1450530	1430049	18.98%	3.715%
47	12.692	1800	1803	1815	rVB	317161	350512	4.65%	0.911%
48	12.974	1846	1851	1854	rBV	2397491	2314206	30.72%	6.012%
49	13.268	1897	1901	1906	rVV2	196794	307274	4.08%	0.798%
50	13.321	1908	1910	1918	rVB	158805	164556	2.18%	0.428%
51	13.427	1924	1928	1932	rBV	213375	218211	2.90%	0.567%
52	13.545	1944	1948	1953	rVB	558997	526595	6.99%	1.368%
53	14.021	2025	2029	2033	rBV	462447	435993	5.79%	1.133%
54	14.157	2048	2052	2053	rBV	203880	200629	2.66%	0.521%
55	14.292	2072	2075	2079	rBV	88044	82896	1.10%	0.215%
56	14.404	2091	2094	2101	rVB	105709	110682	1.47%	0.288%
57	14.992	2190	2194	2203	rVB	127645	233004	3.09%	0.605%
58	15.492	2274	2279	2287	rVB2	373121	485728	6.45%	1.262%
59	16.086	2374	2380	2391	rVB2	47077	135383	1.80%	0.352%

Sum of corrected areas: 38492425

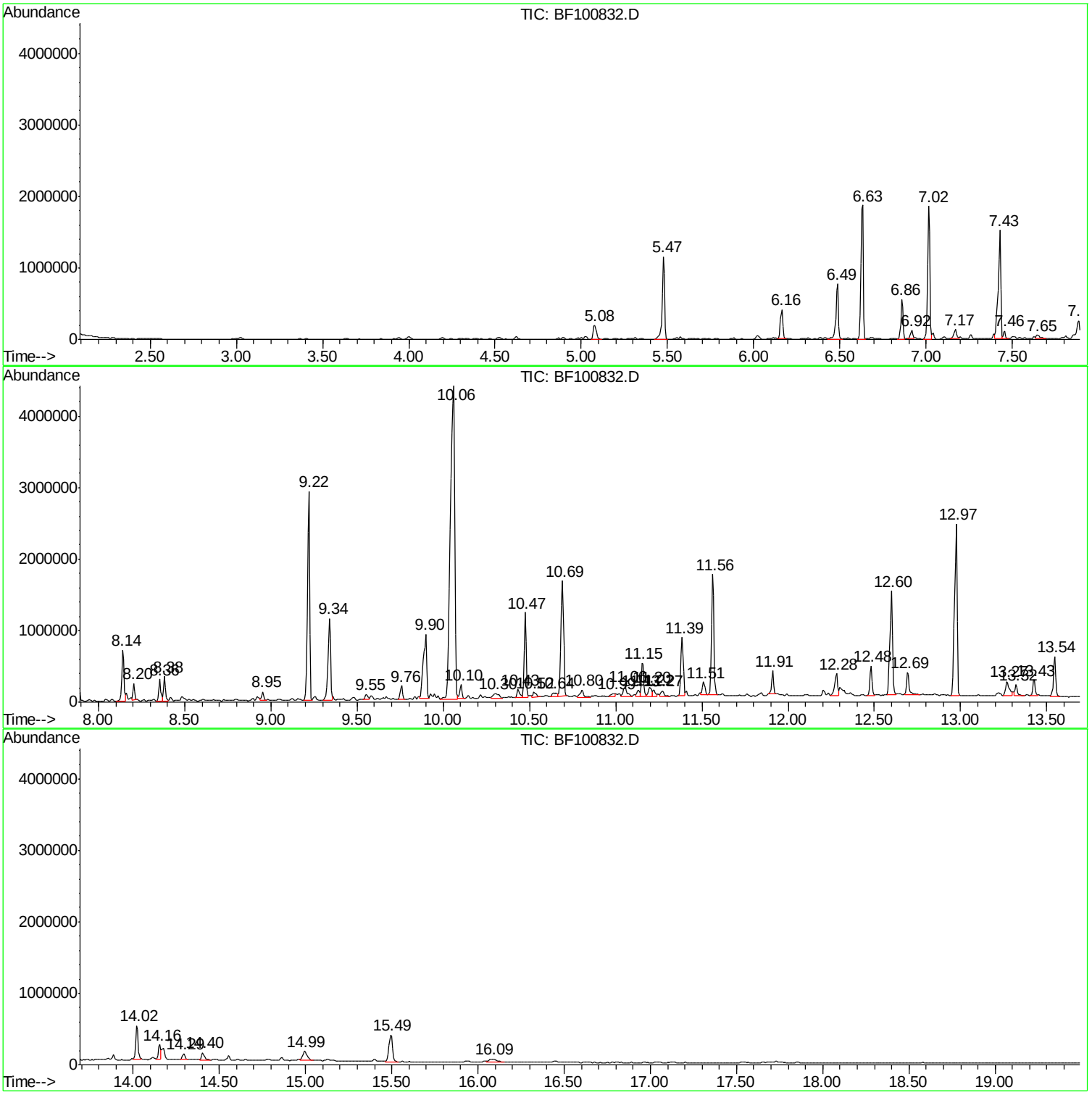
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

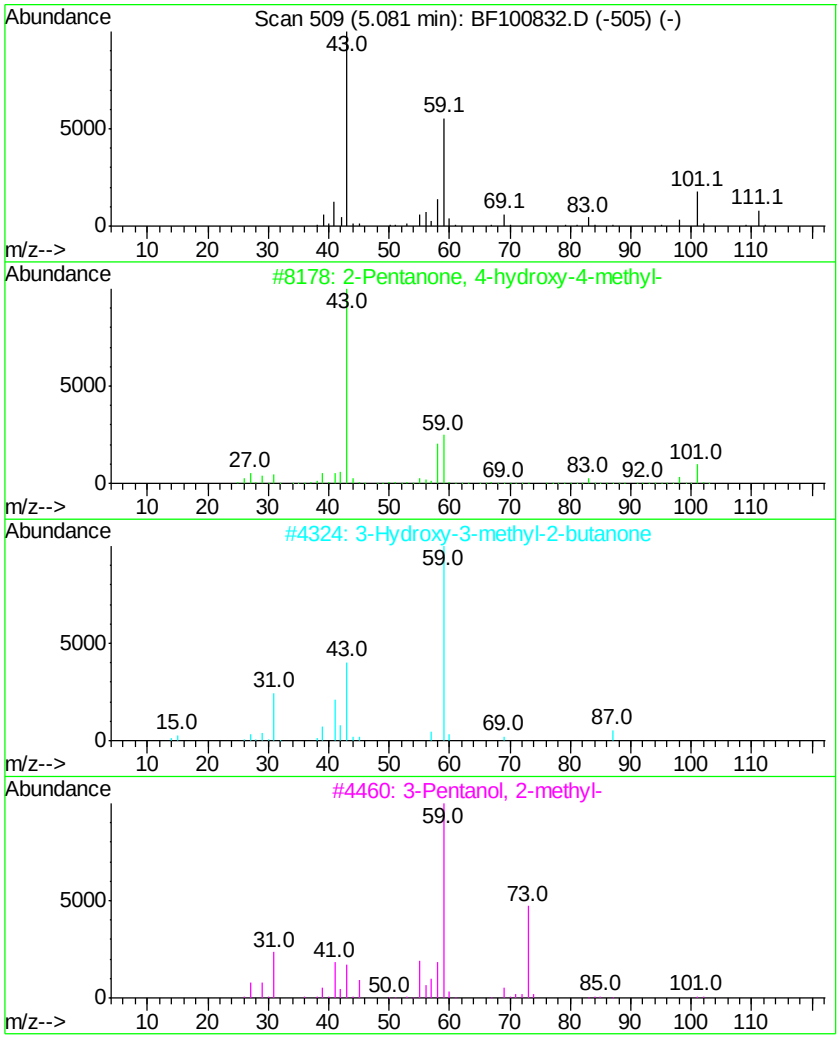
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

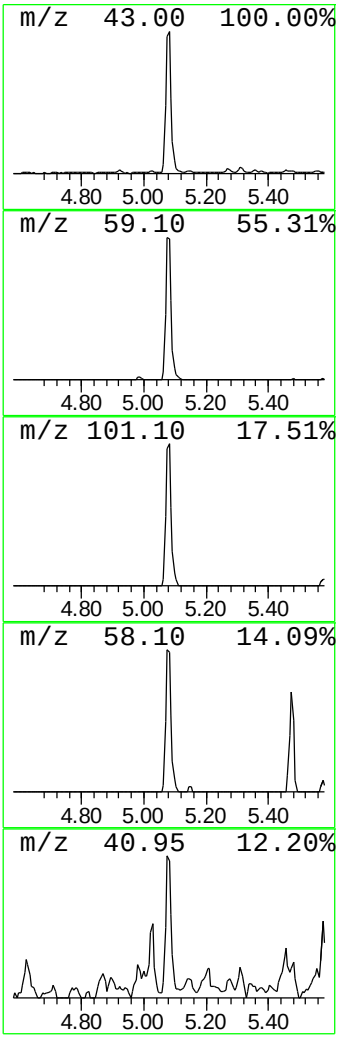
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	10.12 ng	238222	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	36
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

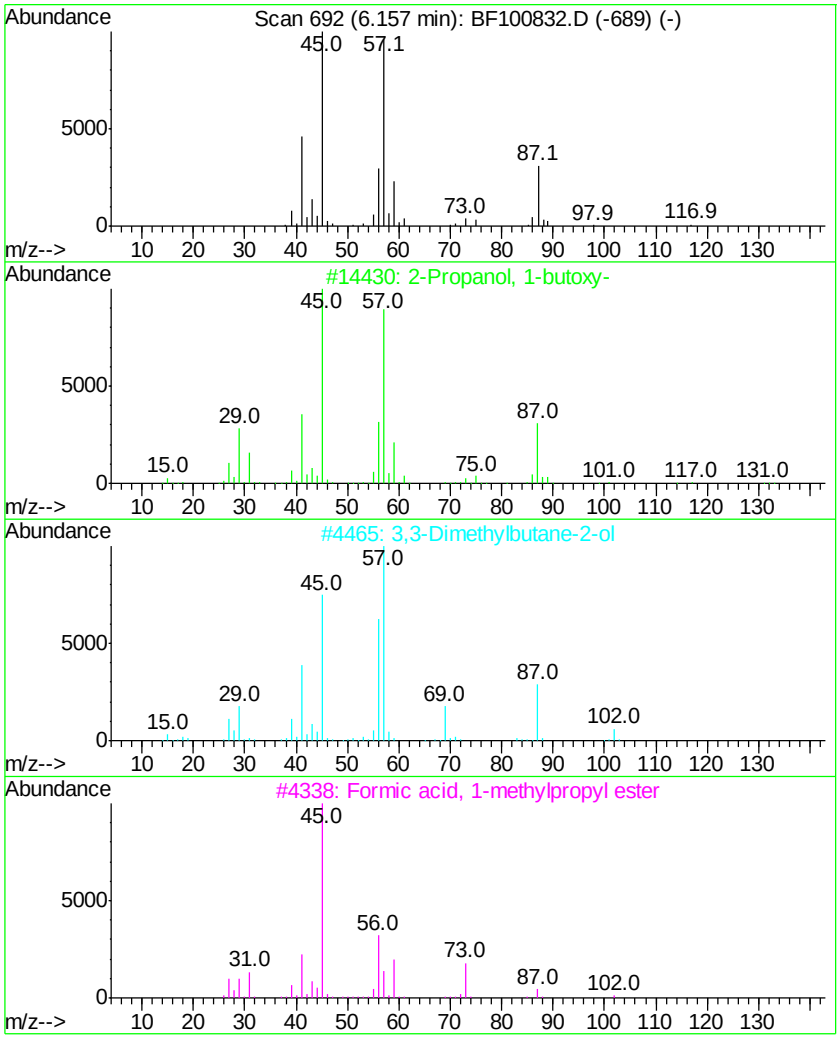
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

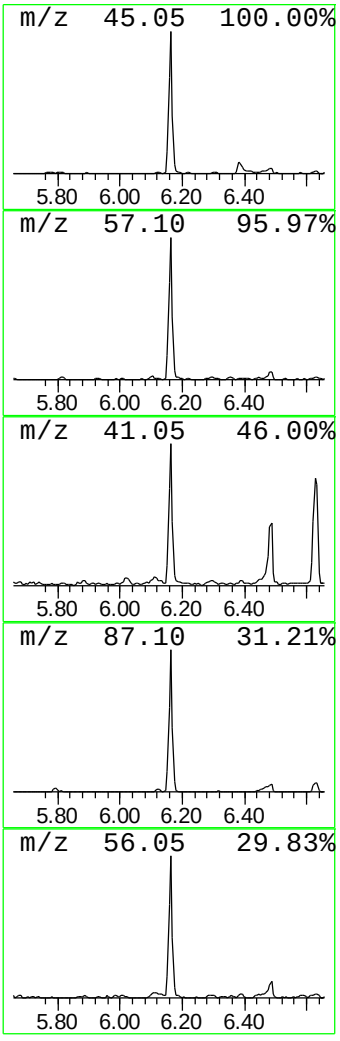
****

Peak Number 2 2-Propanol, 1-butoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	14.41 ng	339365	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
3	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	45
4	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	42
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	42





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

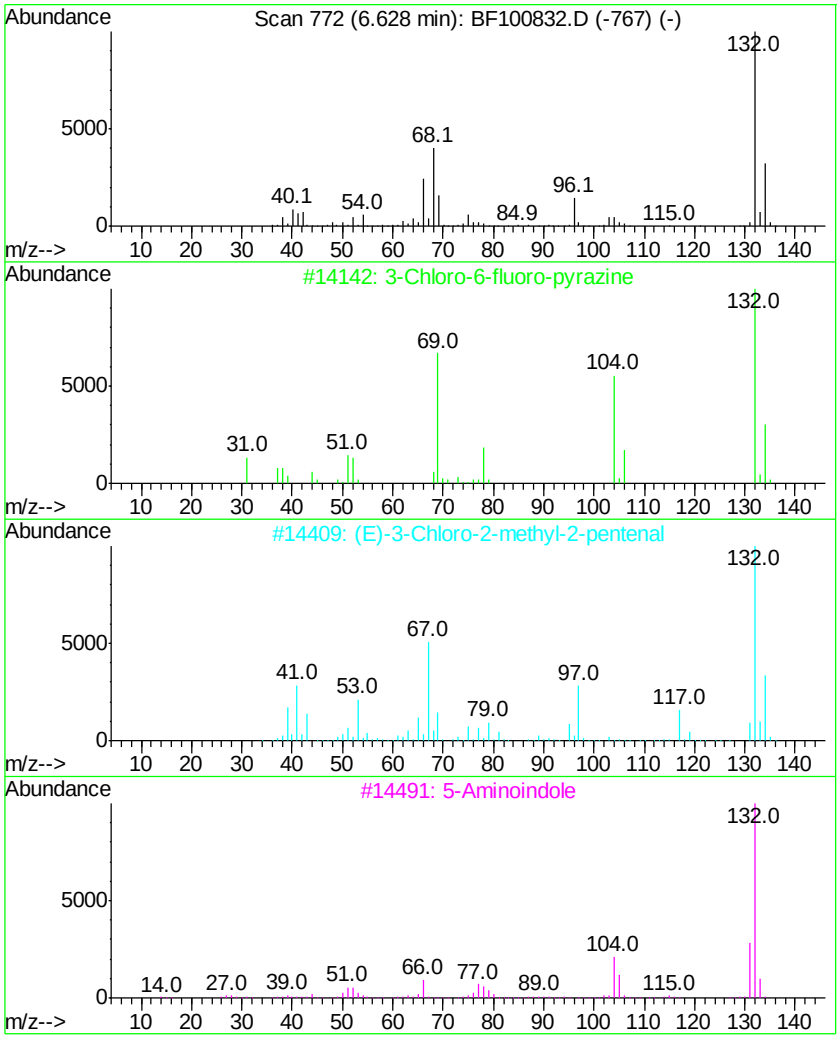
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

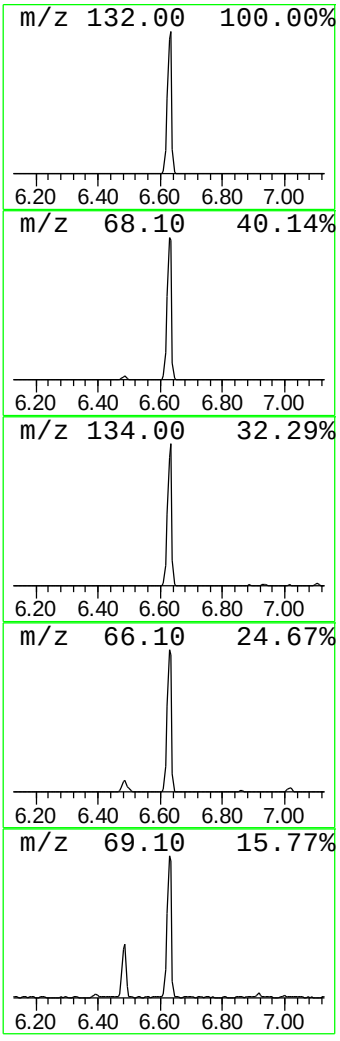
****

Peak Number 3 unknown6.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	81.38 ng	1916410	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	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

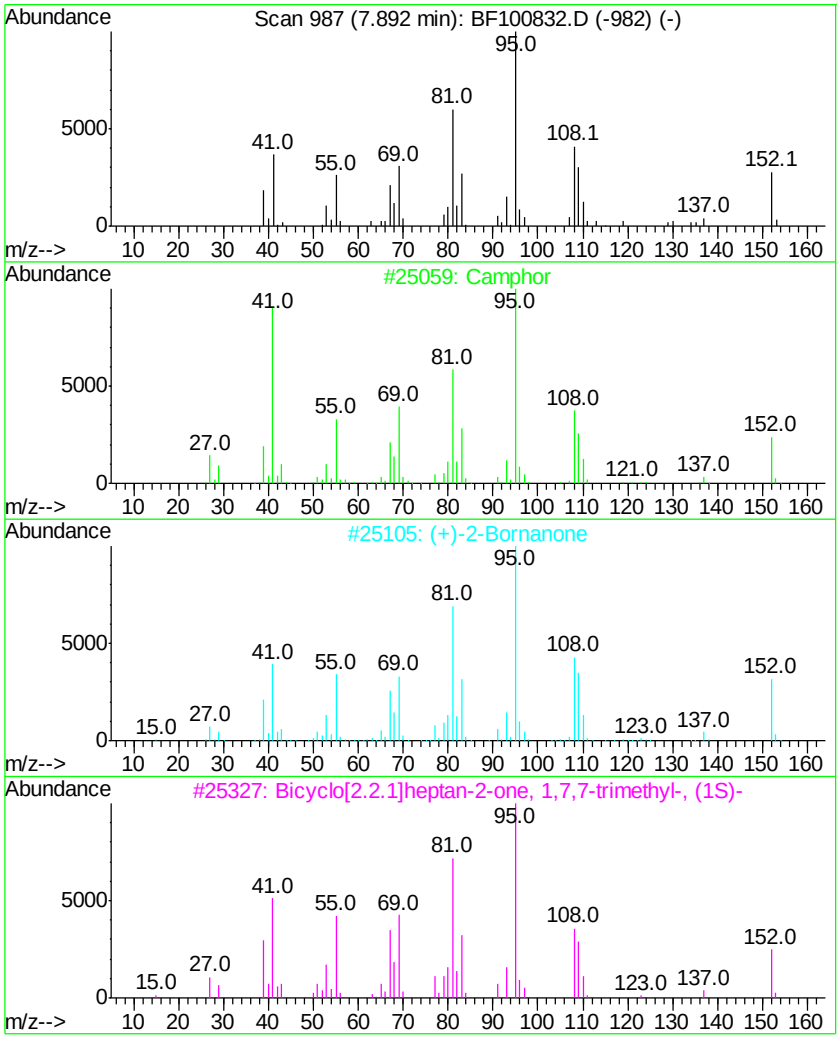
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

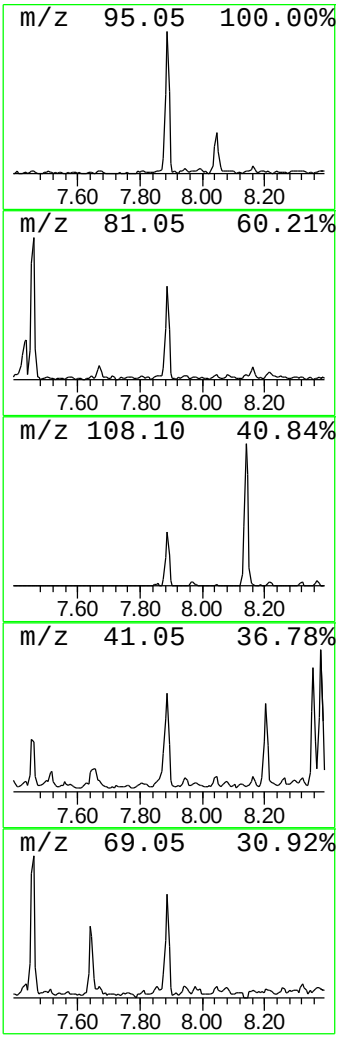
****

Peak Number 5 Camphor Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	8.42 ng	284905	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
4	Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152	C10H16O	062560-53-6	50
5	Diisopropylaminoacrylonitryl	152	C9H16N2	038691-28-0	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

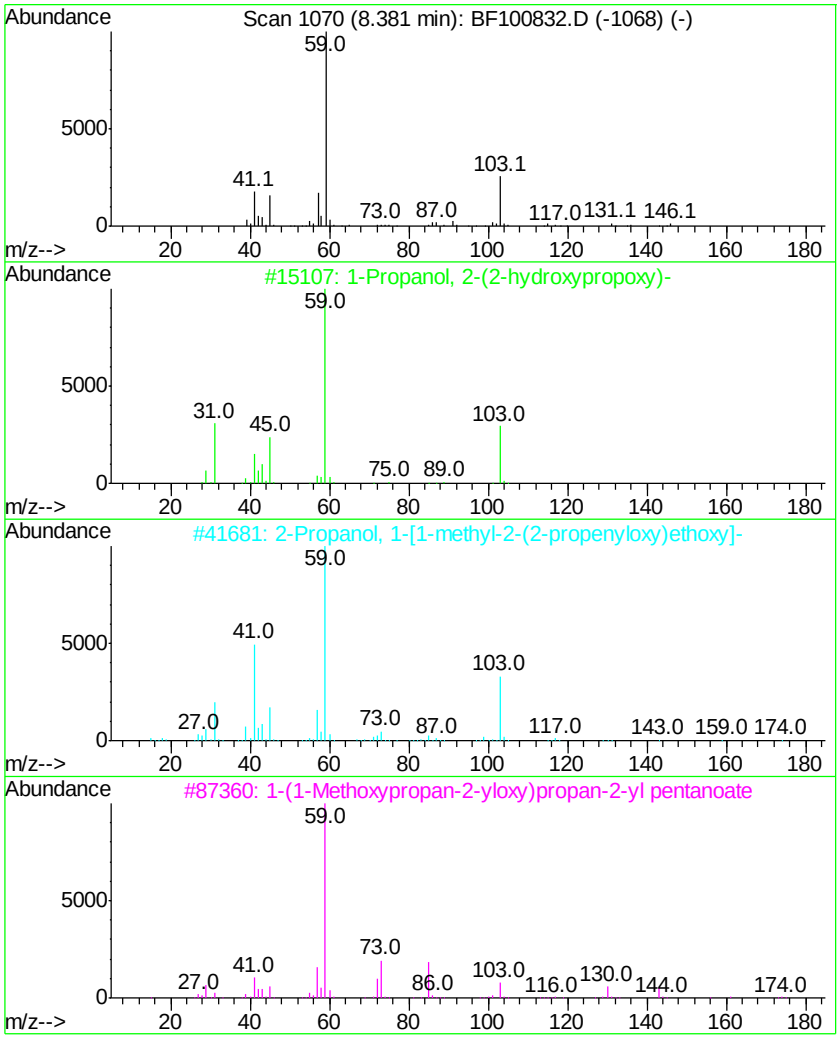
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

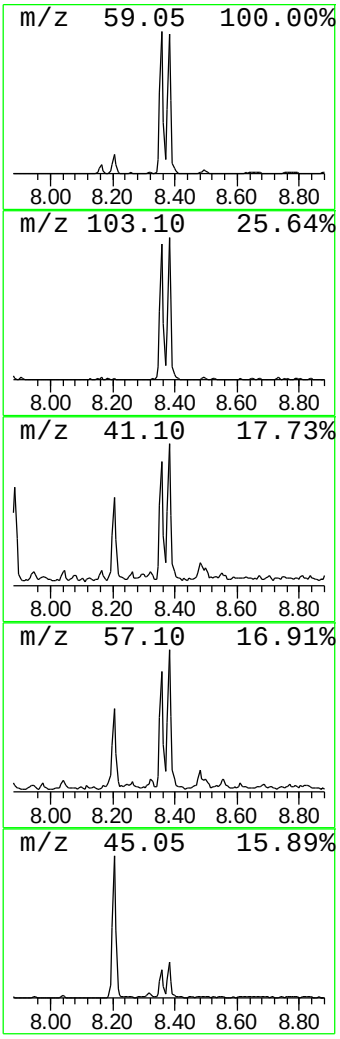
****

Peak Number 6 1-Propanol, 2-(2-hydroxypro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	8.06 ng	272737	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
3	1-(1-Methoxypropan-2-yloxy)propa...	232	C12H24O4	1000367-13-4	59
4	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	59
5	3-Methyl-oxirane-2-carboxylic ac...	116	C5H8O3	1000194-20-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

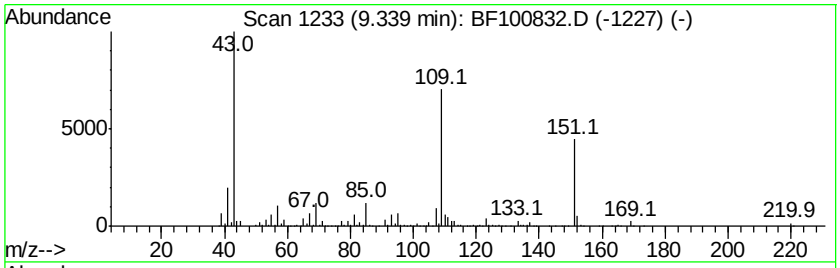
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

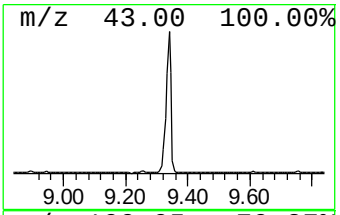
****

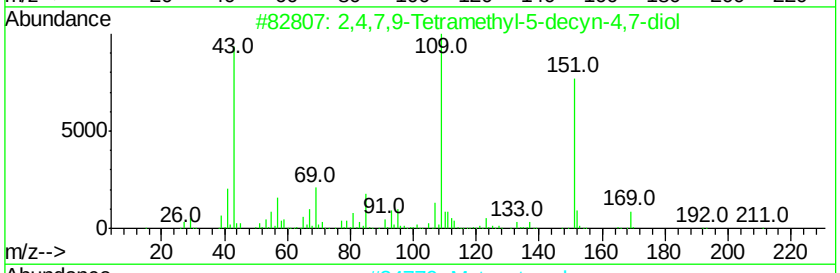
Peak Number 7 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

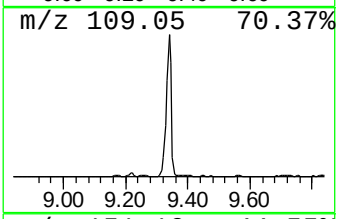
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	21.33 ng	1305800	Acenaphthene-d10	9.90

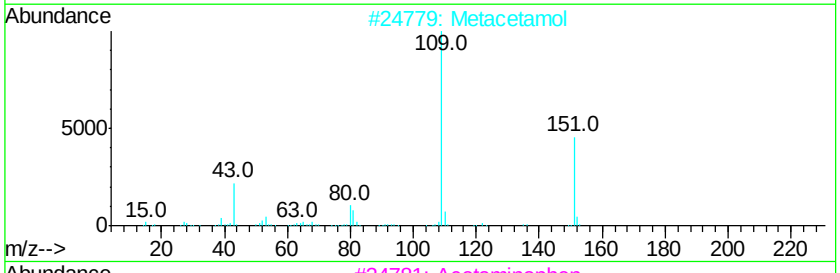
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	53
3	Acetaminophen	151	C8H9NO2	000103-90-2	53
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
5	Diacetamate	193	C10H11NO3	002623-33-8	42

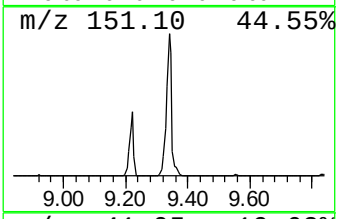


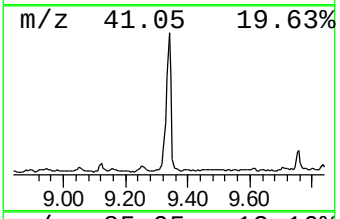


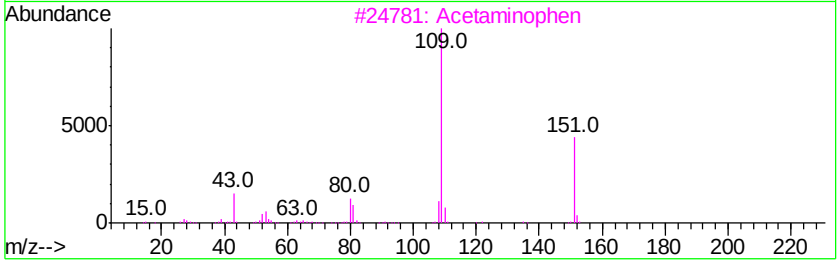


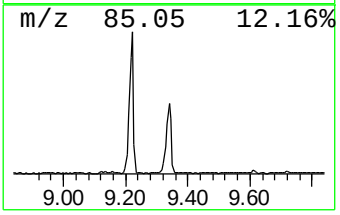












Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

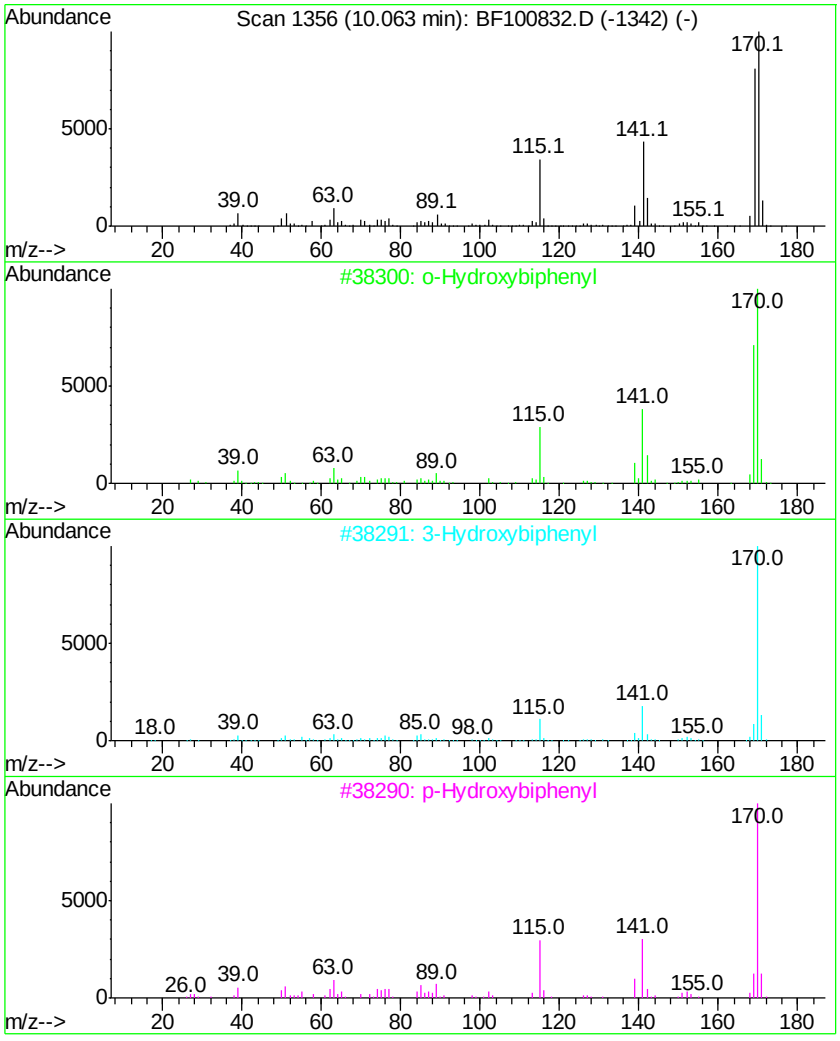
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

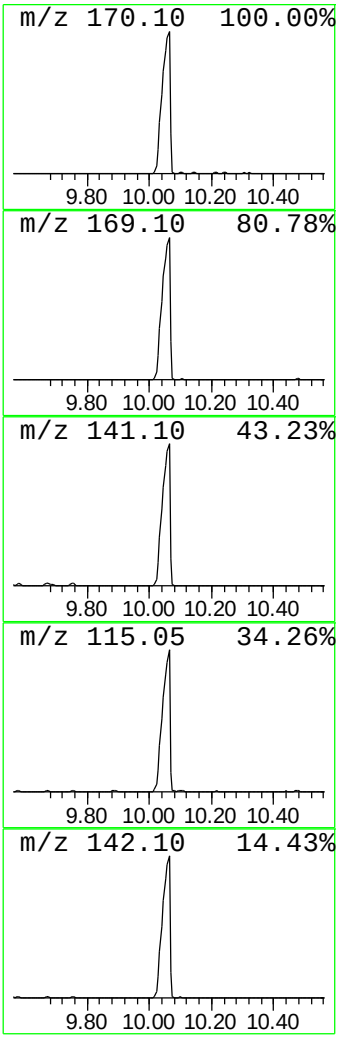
****

Peak Number 8 o-Hydroxybiphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	123.09 ng	7533760	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	64
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	62
4	2,3-Dihydro-1H-cyclopenta[b]quin...	170	C11H10N2	007193-24-0	50
5	Benzaldehyde, 2-fluoro-4-hydroxy...	170	C8H7FO3	079418-75-0	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

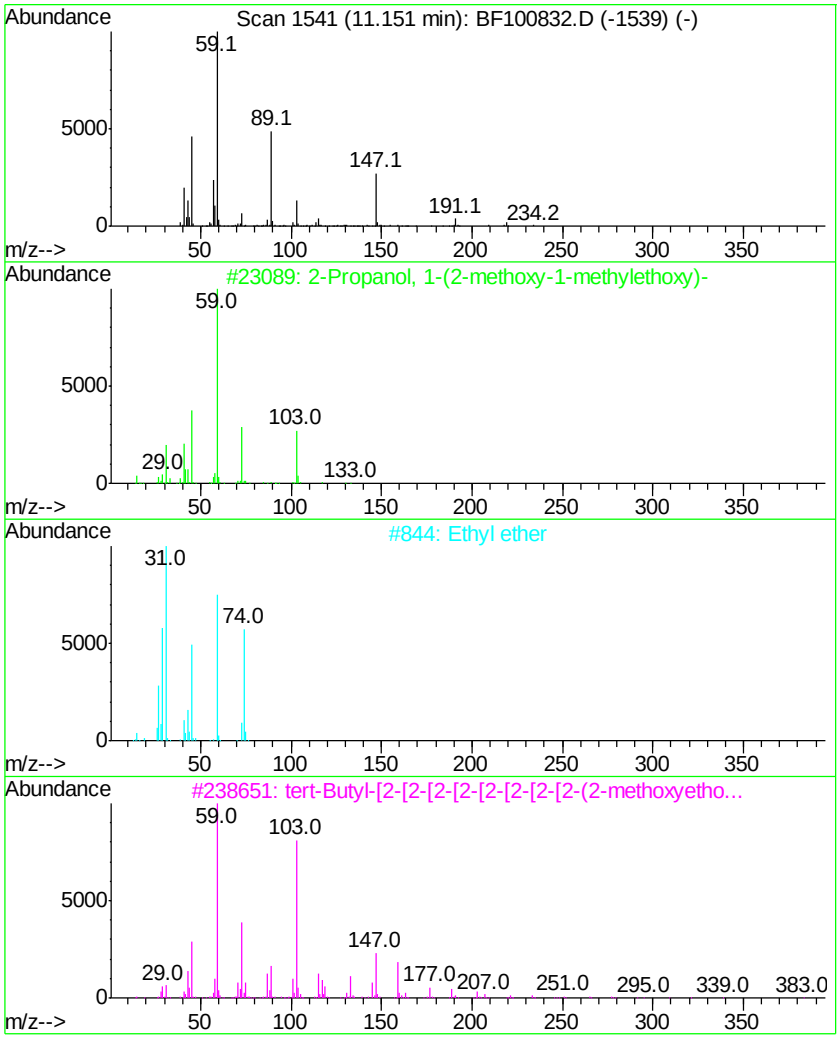
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

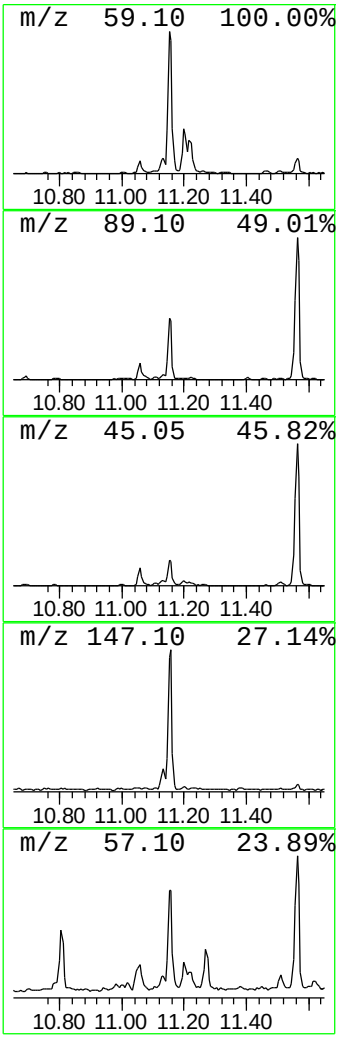
****

Peak Number 10 unknown11.15 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	13.31 ng	453993	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	47
2	Ethyl ether	74	C4H10O	000060-29-7	38
3	tert-Butyl-[2-[2-[2-[2-[2-[2-[2-...	542	C25H54O10Si	1000352-09-9	38
4	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	38
5	1-Propanol, 3-[3-(1-methylethoxy...	176	C9H20O3	054518-03-5	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

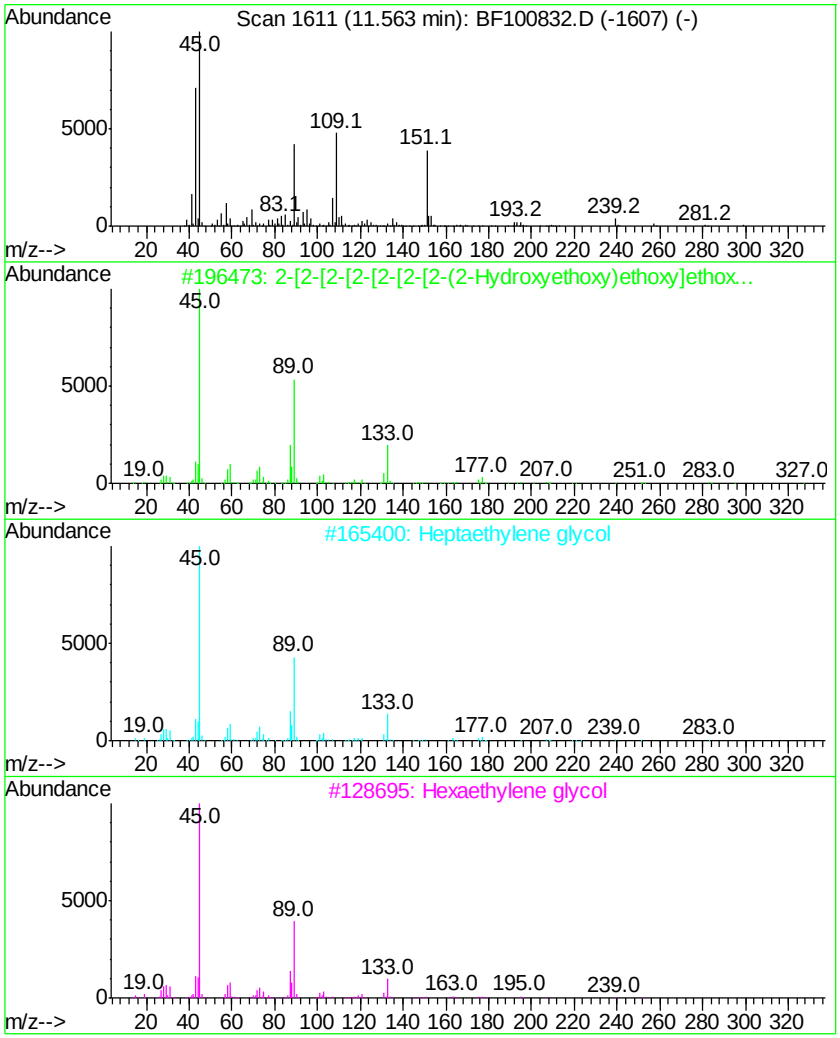
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

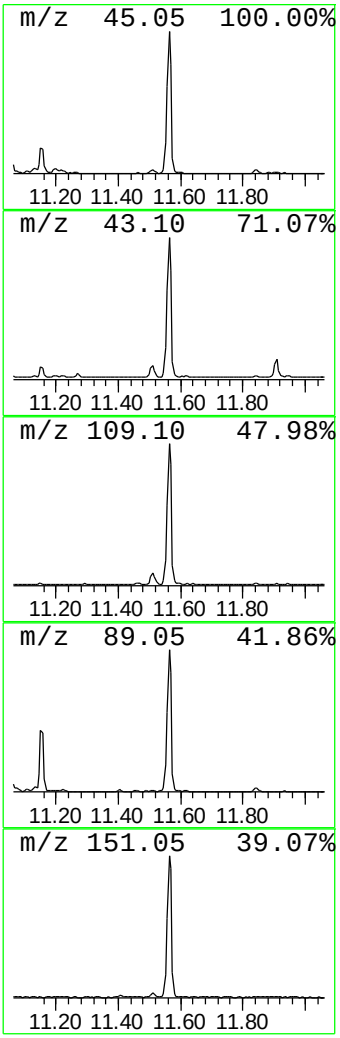
****

Peak Number 11 unknown11.56 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	48.47 ng	1653030	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	23
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	23
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	23
4	3-Methoxymethoxy-2-methyl-non-1-ene	200	C12H24O2	1000192-54-6	22
5	Bromomethyl methyl ether	124	C2H5BrO	013057-17-5	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

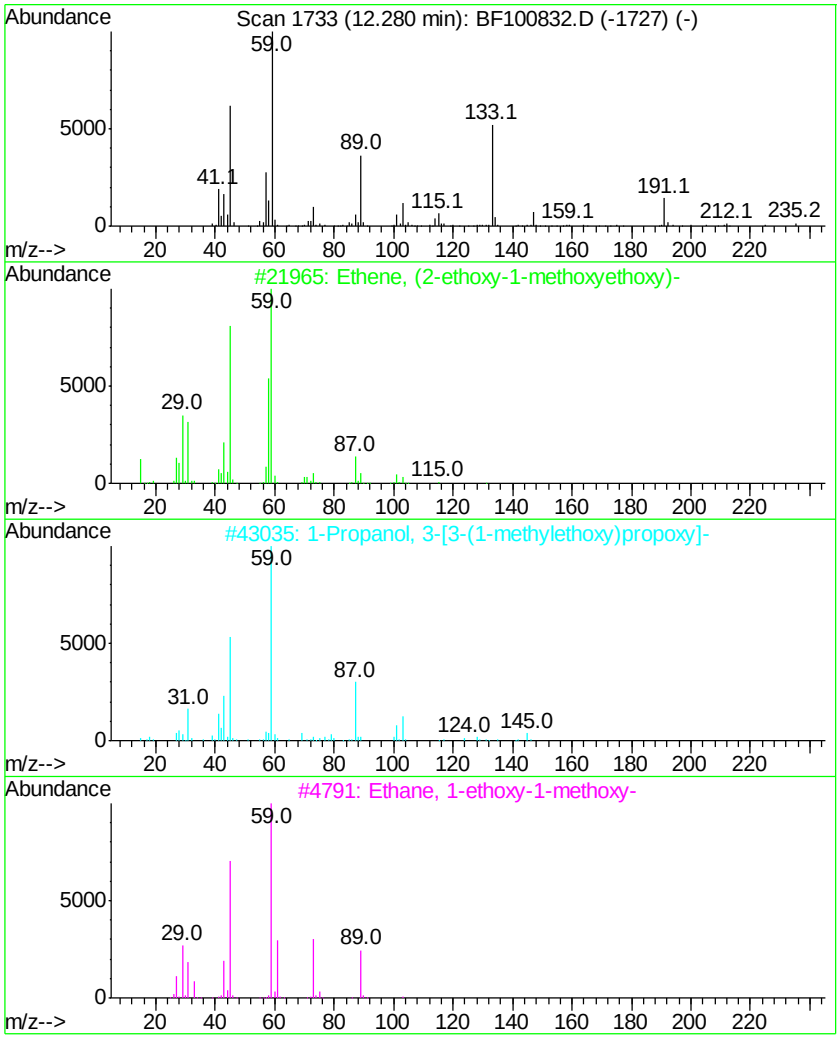
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

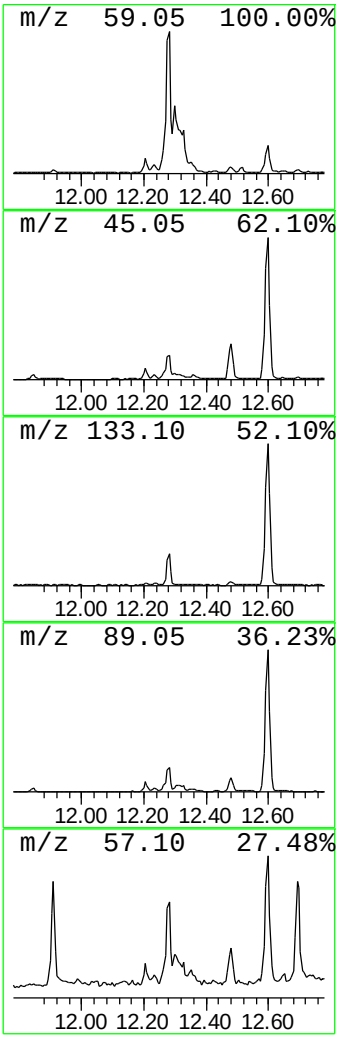
****

Peak Number 12 unknown12.28 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	9.69 ng	330618	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, (2-ethoxy-1-methoxyethoxy)-	146	C7H14O3	054063-18-2	47
2	1-Propanol, 3-[3-(1-methylethoxy...	176	C9H20O3	054518-03-5	47
3	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	47
4	Ethyl ether	74	C4H10O	000060-29-7	47
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Methox...	428	C19H40O10	1000352-04-3	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

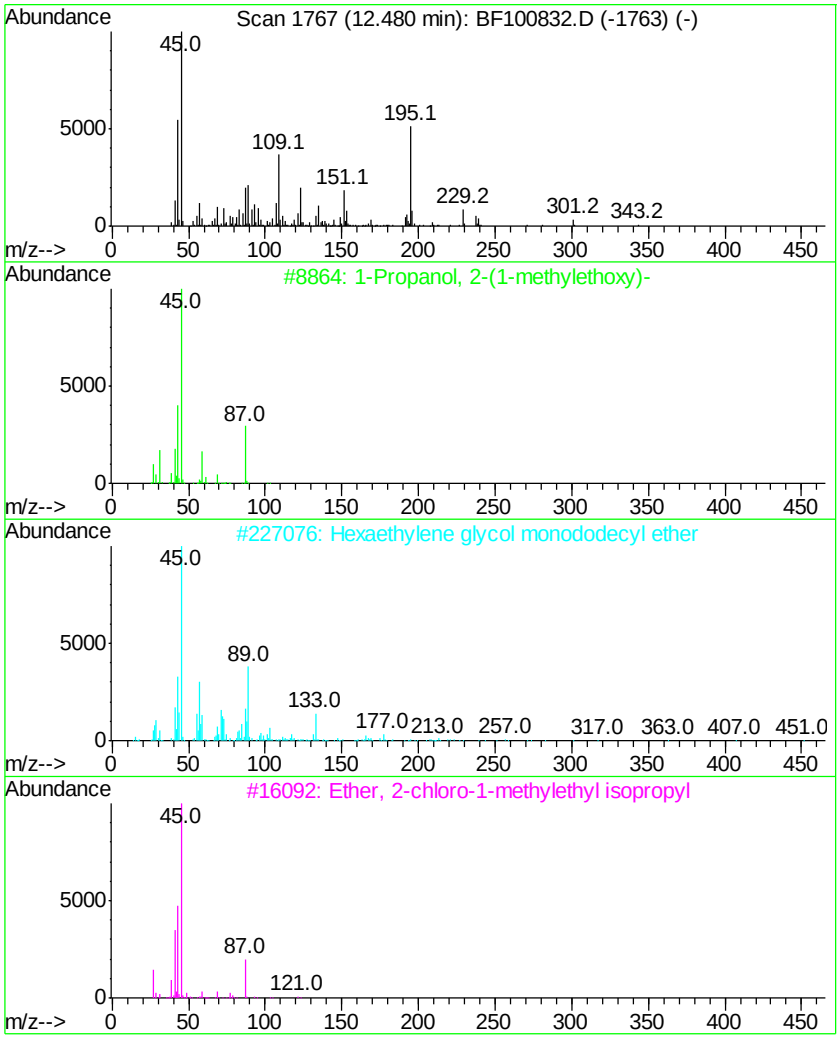
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

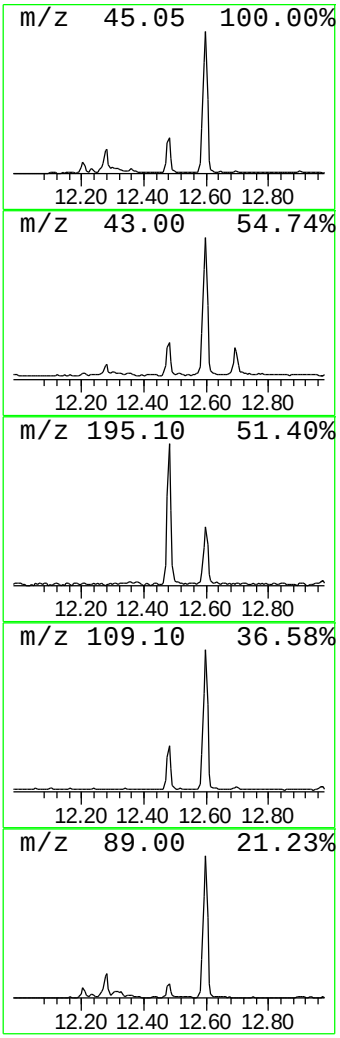
****

Peak Number 13 unknown12.48 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	11.44 ng	390256	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	35
2	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	35
3	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	35
4	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	35
5	Phenelzine	136	C8H12N2	000051-71-8	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

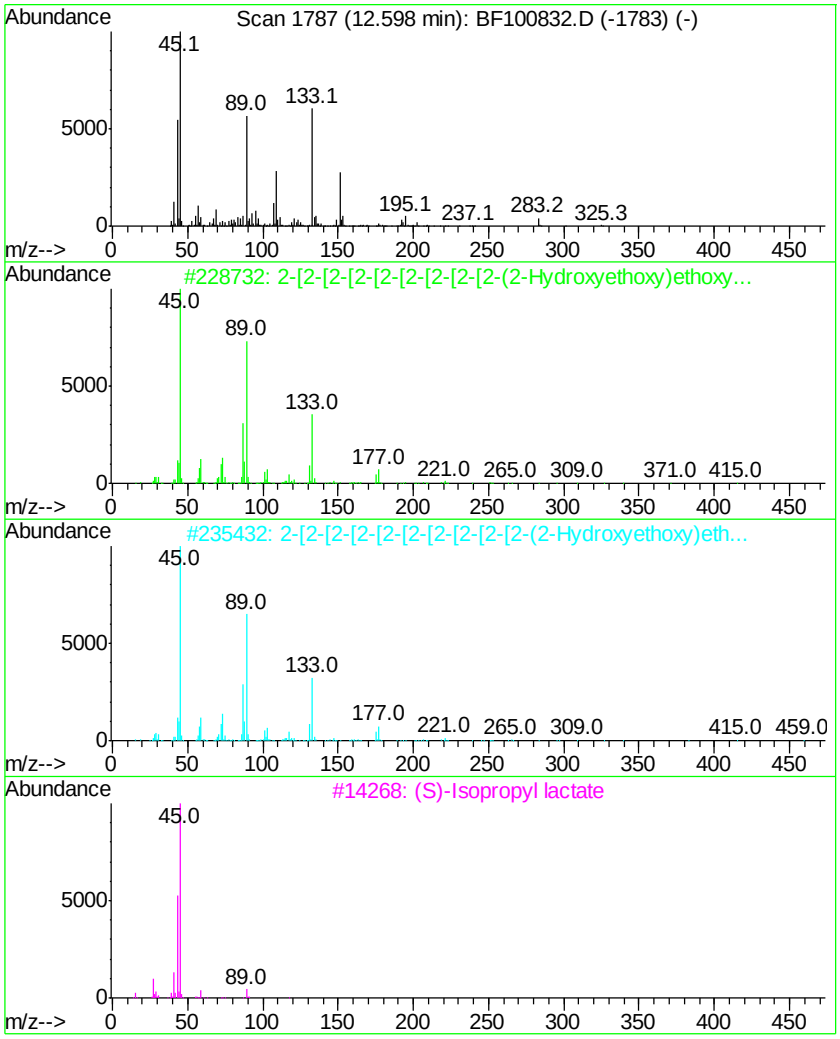
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

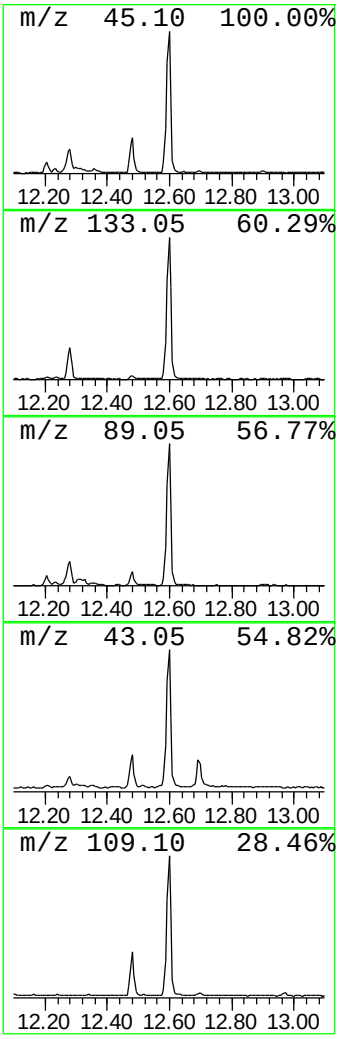
****

Peak Number 14 unknown12.60 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	41.93 ng	1430050	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	42
2	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	42
3	(S)-Isopropyl lactate	132	C6H12O3	063697-00-7	32
4	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	22
5	Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

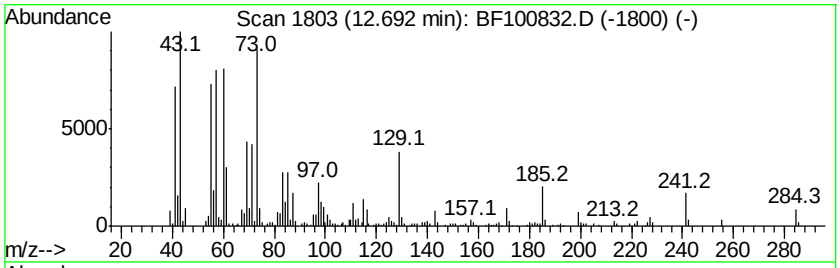
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

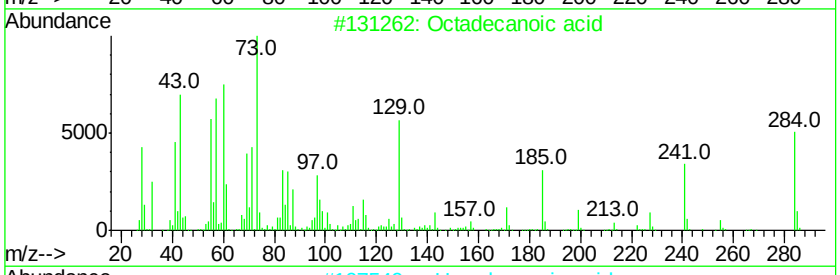
****

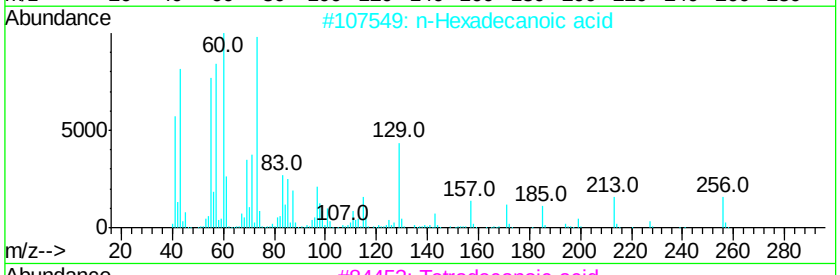
Peak Number 15 Octadecanoic acid Concentration Rank 13

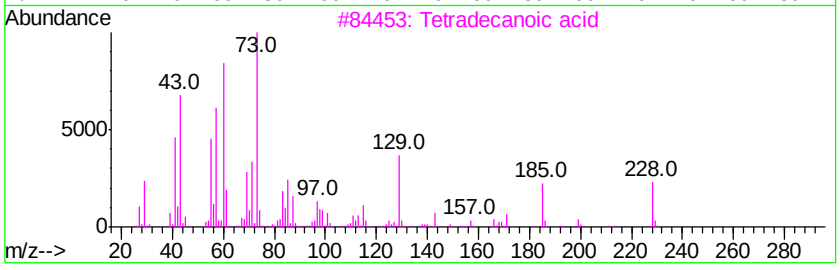
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	10.28 ng	350512	Phenanthrene-d10	11.39

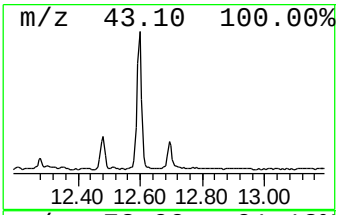
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68

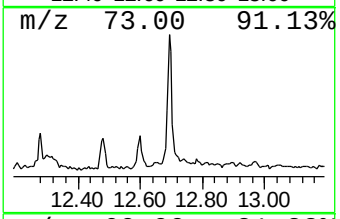


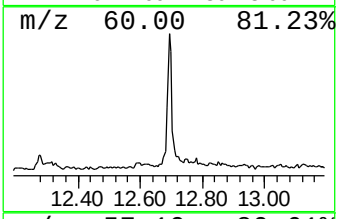


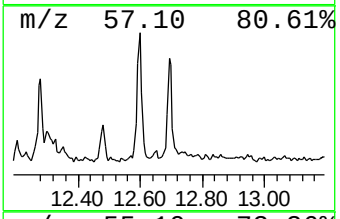


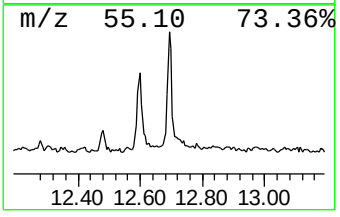












Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

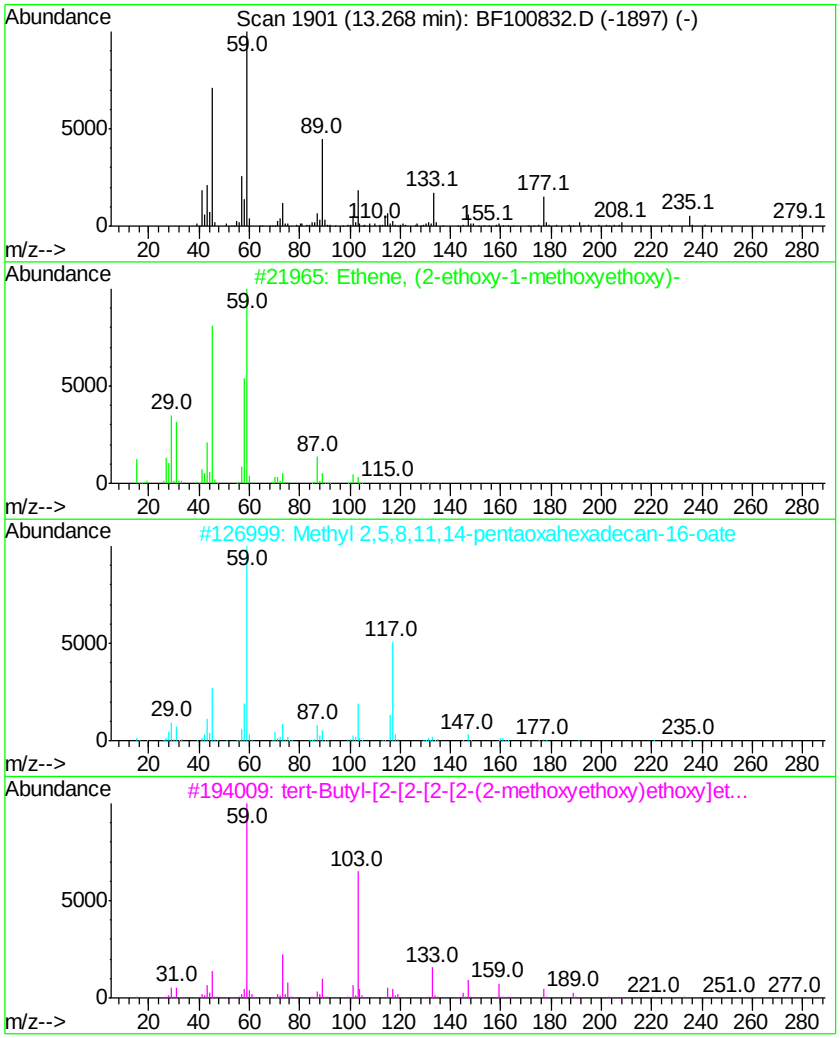
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

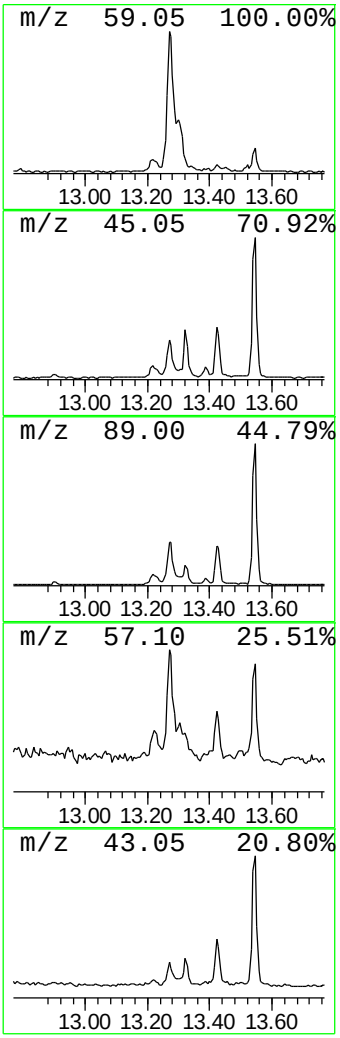
****

Peak Number 16 Ethene, (2-ethoxy-1-methoxy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	14.10 ng	307274	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, (2-ethoxy-1-methoxyethoxy)-	146	C7H14O3	054063-18-2	50
2	Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	47
3	tert-Butyl-[2-[2-[2-[2-(2-methox...	366	C17H38O6Si	1000352-11-8	47
4	tert-Butyl-[2-[2-[2-[2-[2-(2-met...	410	C19H42O7Si	1000352-11-9	47
5	Ethyl ether	74	C4H10O	000060-29-7	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

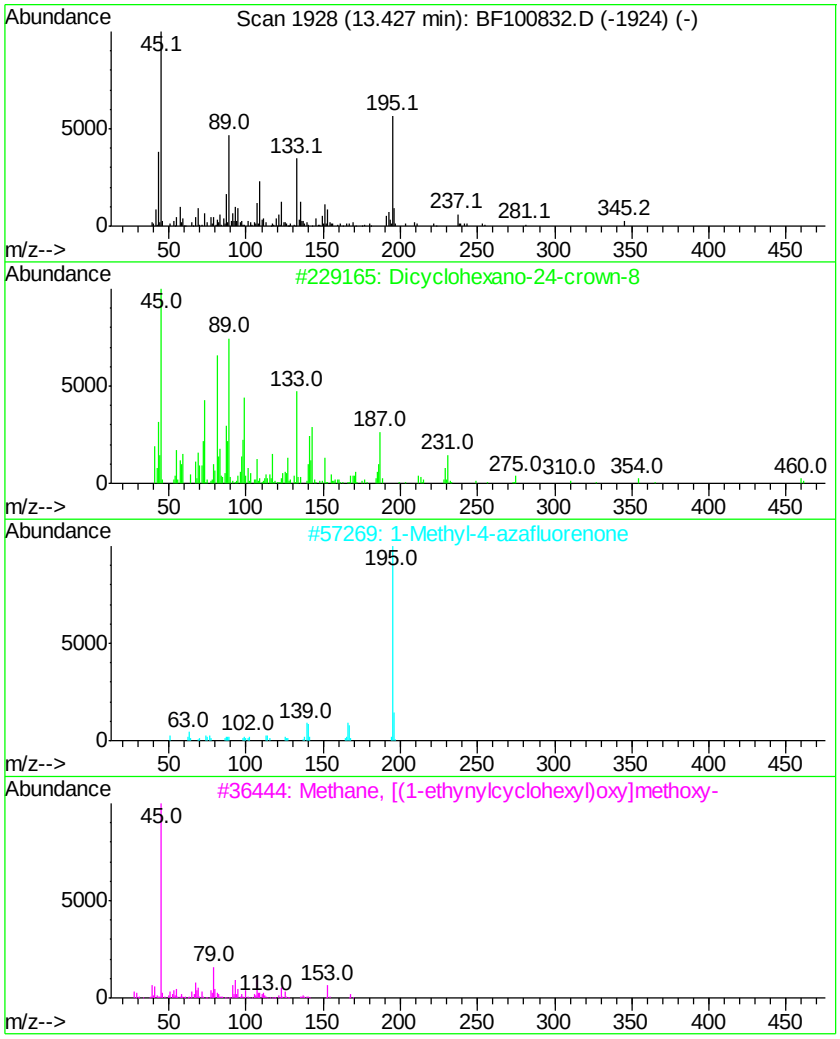
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

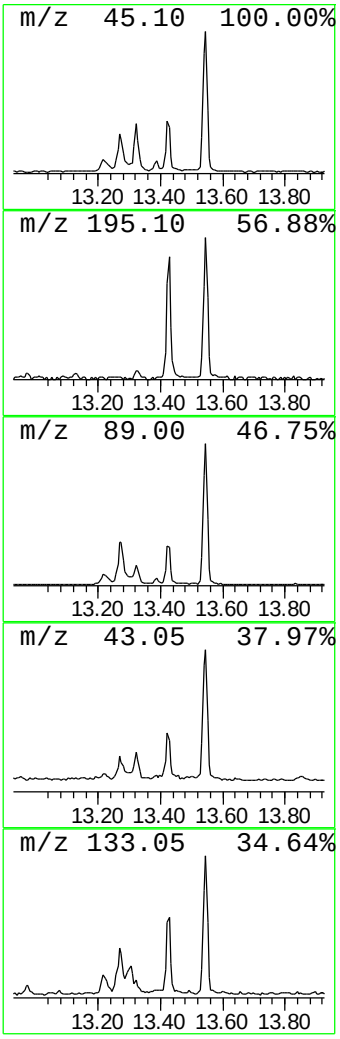
****

Peak Number 17 unknown13.43 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	10.01 ng	218211	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclohexano-24-crown-8	460	C24H44O8	017455-23-1	35
2	1-Methyl-4-azafluorenone	195	C13H9NO	058787-04-5	18
3	Methane, [(1-ethynylcyclohexyl)o...	168	C10H16O2	005609-21-2	14
4	8-Methyl-4-azafluorenone	195	C13H9NO	064292-03-1	14
5	1-Tetradecanol, methyl ether	228	C15H32O	1000333-91-8	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

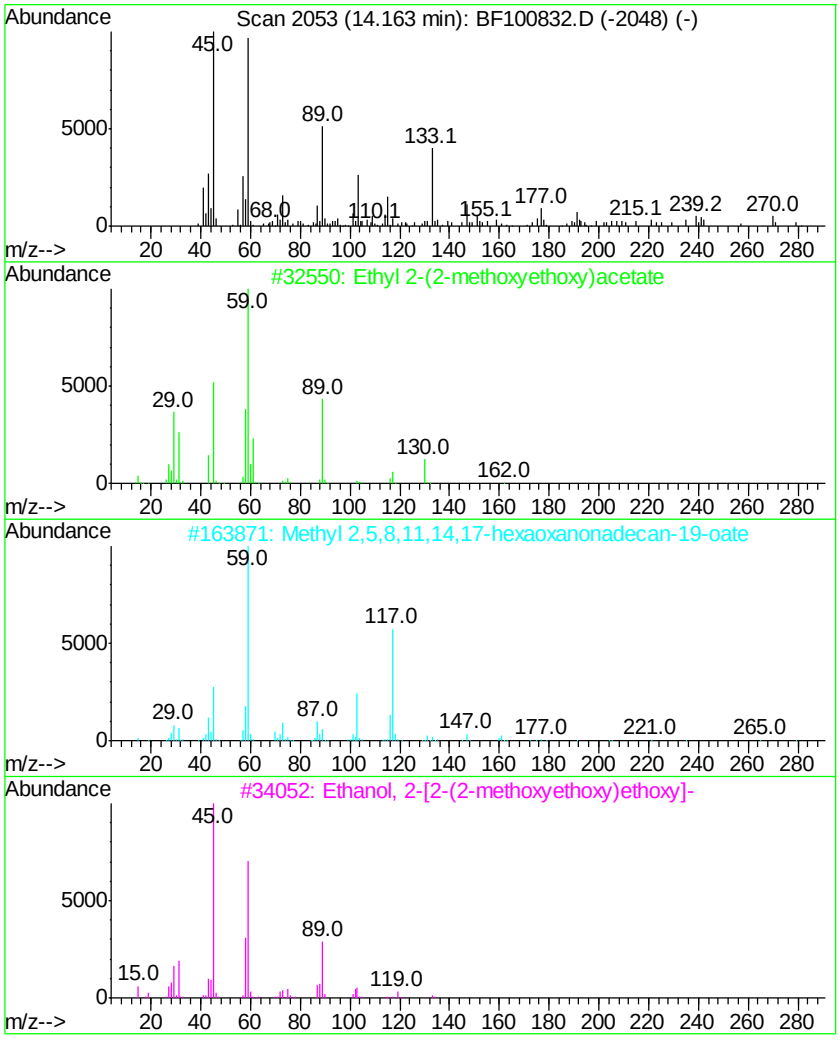
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

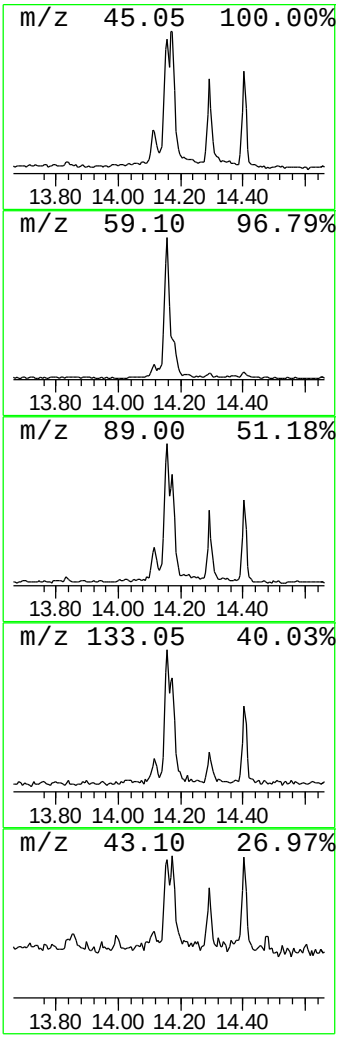
****

Peak Number 19 Ethyl 2-(2-methoxyethoxy)ac... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	9.20 ng	200629	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 2-(2-methoxyethoxy)acetate	162	C7H14O4	1000366-88-9	50
2	Methyl 2,5,8,11,14,17-hexaoxanon...	324	C14H28O8	1000366-81-4	46
3	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	45
4	Ethyl ether	74	C4H10O	000060-29-7	43
5	.beta.-D-Mannofuranoside, 3,6,9-...	402	C17H32B2O9	1000155-77-2	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

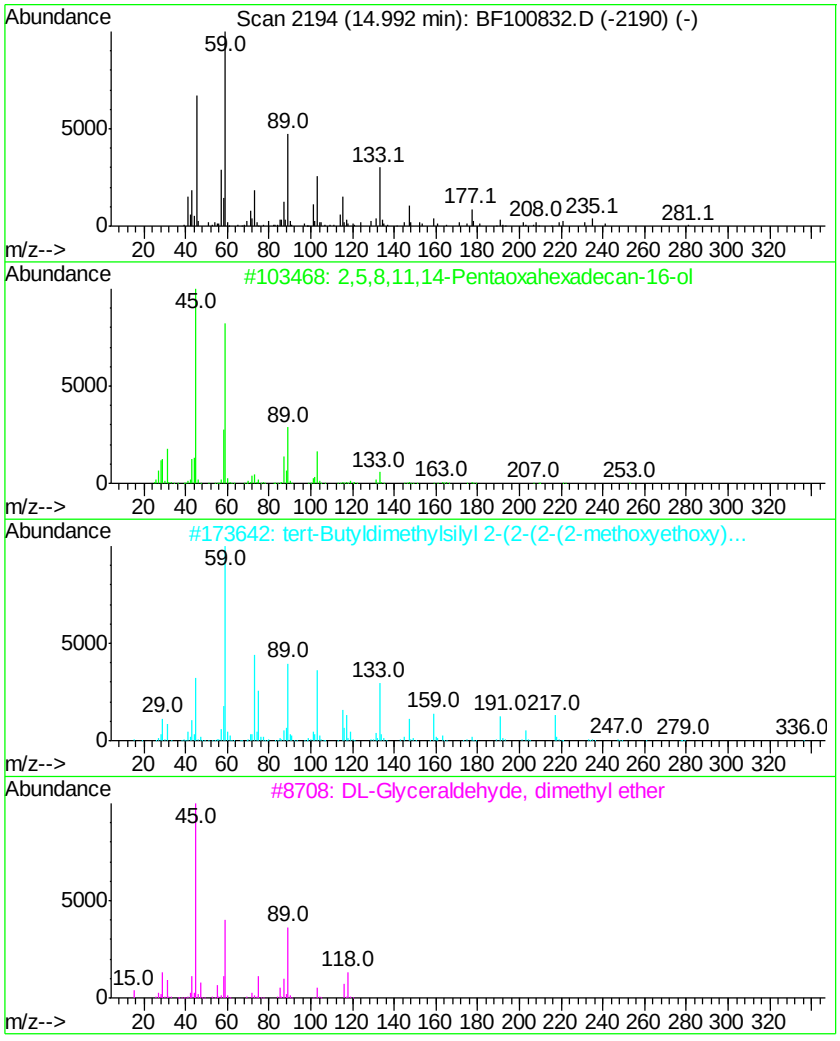
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

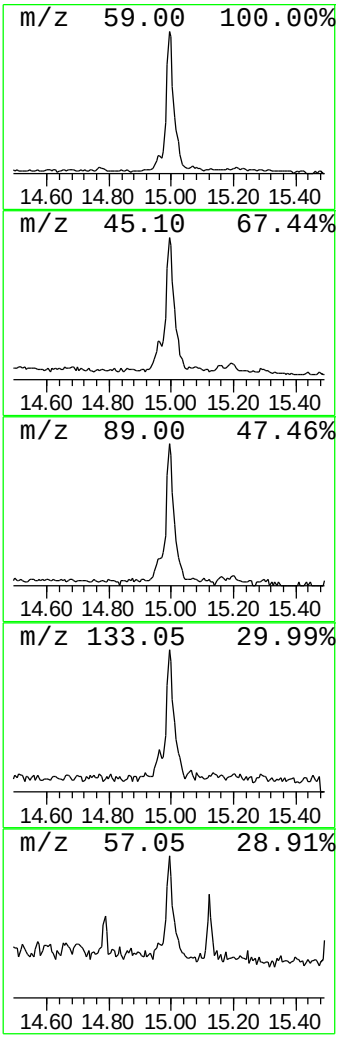
****

Peak Number 20 2,5,8,11,14-Pentaoxahexadec... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	9.59 ng	233004	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	59
2	tert-Butyldimethylsilyl 2-(2-(2-...	336	C15H32O6Si	1000366-91-7	53
3	DL-Glyceraldehyde, dimethyl ether	118	C5H10O3	1000332-93-3	43
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	40
5	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100832.D
Acq On : 22 Nov 2017 19:27
Operator : SJ/JU
Sample : I6558-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1243

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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-Pentanone, 4-hy...	5.08	10.1	ng	238222	1	6.86	470958	20.0
2-Propanol, 1-but...	6.16	14.4	ng	339365	1	6.86	470958	20.0
unknown6.63	6.63	81.4	ng	1916410	1	6.86	470958	20.0
Camphor	7.89	8.4	ng	284905	2	8.14	676939	20.0
1-Propanol, 2-(2-...	8.38	8.1	ng	272737	2	8.14	676939	20.0
2,4,7,9-Tetrameth...	9.34	21.3	ng	1305800	3	9.90	1224100	20.0
o-Hydroxybiphenyl	10.06	123.1	ng	7533760	3	9.90	1224100	20.0
unknown11.15	11.15	13.3	ng	453993	4	11.39	682058	20.0
unknown11.56	11.56	48.5	ng	1653030	4	11.39	682058	20.0
unknown12.28	12.28	9.7	ng	330618	4	11.39	682058	20.0
unknown12.48	12.48	11.4	ng	390256	4	11.39	682058	20.0
unknown12.60	12.60	41.9	ng	1430050	4	11.39	682058	20.0
Octadecanoic acid	12.69	10.3	ng	350512	4	11.39	682058	20.0
Ethene, (2-ethoxy...	13.27	14.1	ng	307274	5	14.02	435993	20.0
unknown13.43	13.43	10.0	ng	218211	5	14.02	435993	20.0
Ethyl 2-(2-methox...	14.16	9.2	ng	200629	5	14.02	435993	20.0
2,5,8,11,14-Penta...	14.99	9.6	ng	233004	6	15.49	485728	20.0