LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107945.D
Acq On : 3 Aug 2018 18:39
Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

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-BF073018.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	5.178	479	483	499	rBV	118953	212791	5.23%	0.796%
2	5.601	551	555	567	rBV	227021	733124	18.02%	2.744%
3	5.684	567	569	578	rVV2	89433	194181	4.77%	0.727%
4	5.748	578	580	589	rVB	29882	60124	1.48%	0.225%
5	6.613	723	727	743	rBV	187961	710413	17.47%	2.659%
6	6.725	743	746	759	rBV	1534233	2473379	60.81%	9.257%
7	6.954	781	785	791	rBV	293347	501286	12.32%	1.876%
8	7.101	807	810	828	rBV	2067028	2775876	68.24%	10.389%
9	7.289	840	842	847	rVB2	39141	41039	1.01%	0.154%
10	7.483	872	875	878	rBV	251291	270464	6.65%	1.012%
11	7.519	878	881	899	rVB	1088116	1810452	44.51%	6.776%
12	7.748	917	920	926	rVB6	34230	58244	1.43%	0.218%
13	8.048	965	971	976	rVV5	49113	94031	2.31%	0.352%
14	8.230	996	1002	1014	rBV	581251	988675	24.31%	3.700%
15	8.430	1031	1036	1041	rVB6	36677	78992	1.94%	0.296%
16	8.507	1043	1049	1050	rBV6	36636	62132	1.53%	0.233%
17	8.530	1050	1053	1056	rBV2	57852	72258	1.78%	0.270%
18	8.601	1060	1065	1067	rBV2	209043	299350	7.36%	1.120%
19	8.707	1080	1083	1089	rVB4	98669	136430	3.35%	0.511%
20	8.807	1097	1100	1104	rVB2	54987	59102	1.45%	0.221%
21	8.913	1115	1118	1121	rBV4	31604	43227	1.06%	0.162%
22	8.942	1121	1123	1126	rVV3	39737	47146	1.16%	0.176%
23	8.977	1126	1129	1136	rVV5	75161	120744	2.97%	0.452%
24	9.042	1137	1140	1146	rVV3	114803	179019	4.40%	0.670%
25	9.095	1146	1149	1154	rVV6	58482	103537	2.55%	0.387%
26	9.307	1180	1185	1196	rBV	3221946	4067597	100.00%	15.223%
27	9.589	1230	1233	1236	rBV2	111704	121629	2.99%	0.455%
28	9.624	1236	1239	1242	rVV2	101634	119133	2.93%	0.446%
29	9.666	1242	1246	1249	rVV3	166929	222458	5.47%	0.833%
30	9.701	1249	1252	1258	rVV	135423	226540	5.57%	0.848%
31	9.754	1258	1261	1265	rVB3	85098	90577	2.23%	0.339%
32	9.989	1298	1301	1308	rBV2	849510	919926	22.62%	3.443%
33	10.107	1319	1321	1323	rBV	223740	222325	5.47%	0.832%
34	10.172	1330	1332	1334	rBV	130915	130300	3.20%	0.488%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.789	1433	1437	1446	rBV	1525027	2055526	50.53%	7.693%
36	11.489	1553	1556	1562	rVB	682490	756950	18.61%	2.833%
37	12.007	1642	1644	1656	rVB4	359452	482711	11.87%	1.807%
38	12.742	1766	1769	1773	rVV	138883	139614	3.43%	0.523%
39	12.789	1774	1777	1788	rVB	314819	417831	10.27%	1.564%
40	13.071	1821	1825	1845	rVB	2422204	2889326	71.03%	10.814%
41	13.618	1916	1918	1922	rVB	106391	92659	2.28%	0.347%
42	14.142	2004	2007	2017	rBV	568067	739706	18.19%	2.768%
43	15.677	2263	2268	2288	rVB	444383	898432	22.09%	3.362%

Sum of corrected areas: 26719256

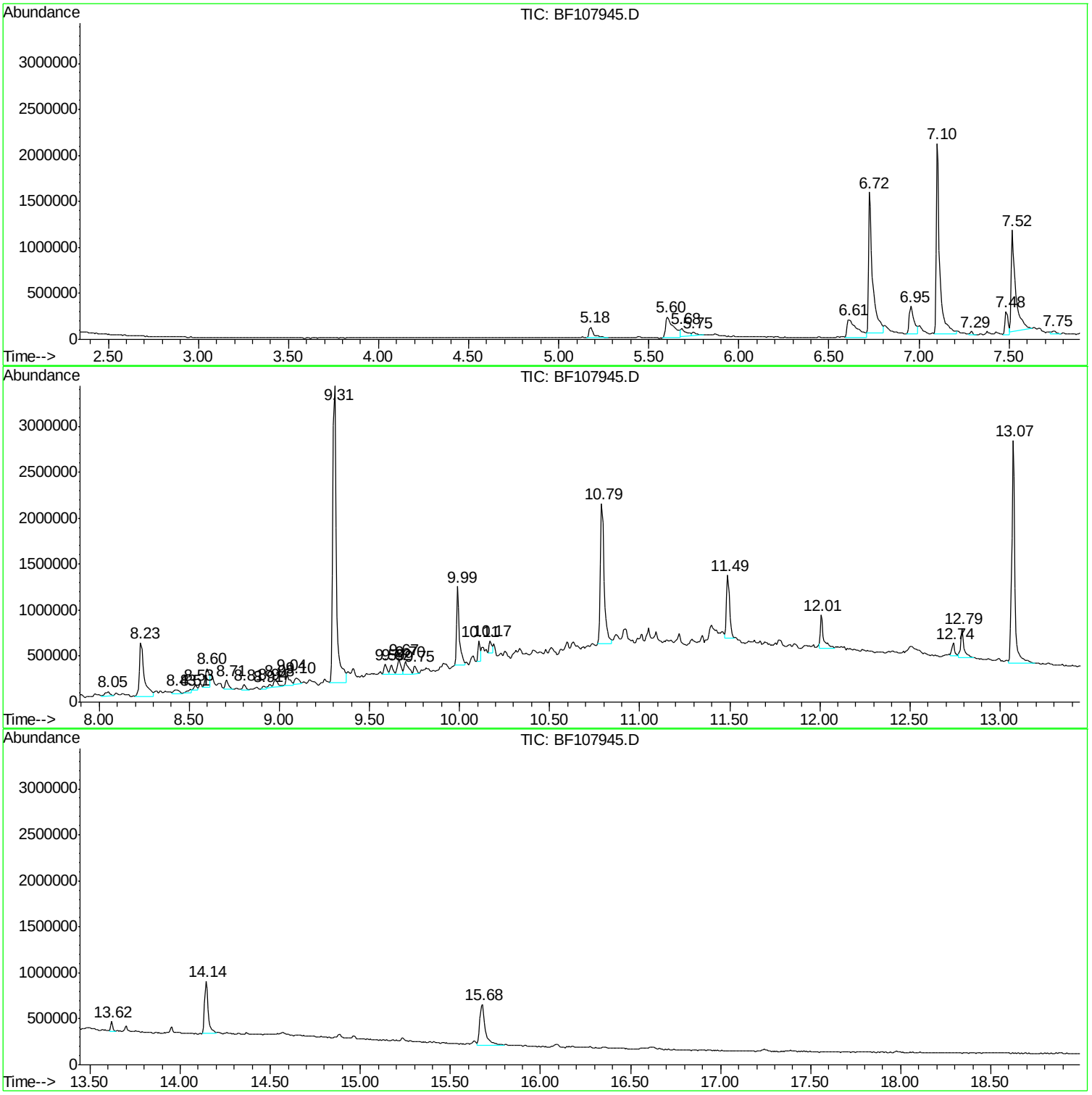
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107945.D
Acq On : 3 Aug 2018 18:39
Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107945.D
Acq On : 3 Aug 2018 18:39
Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

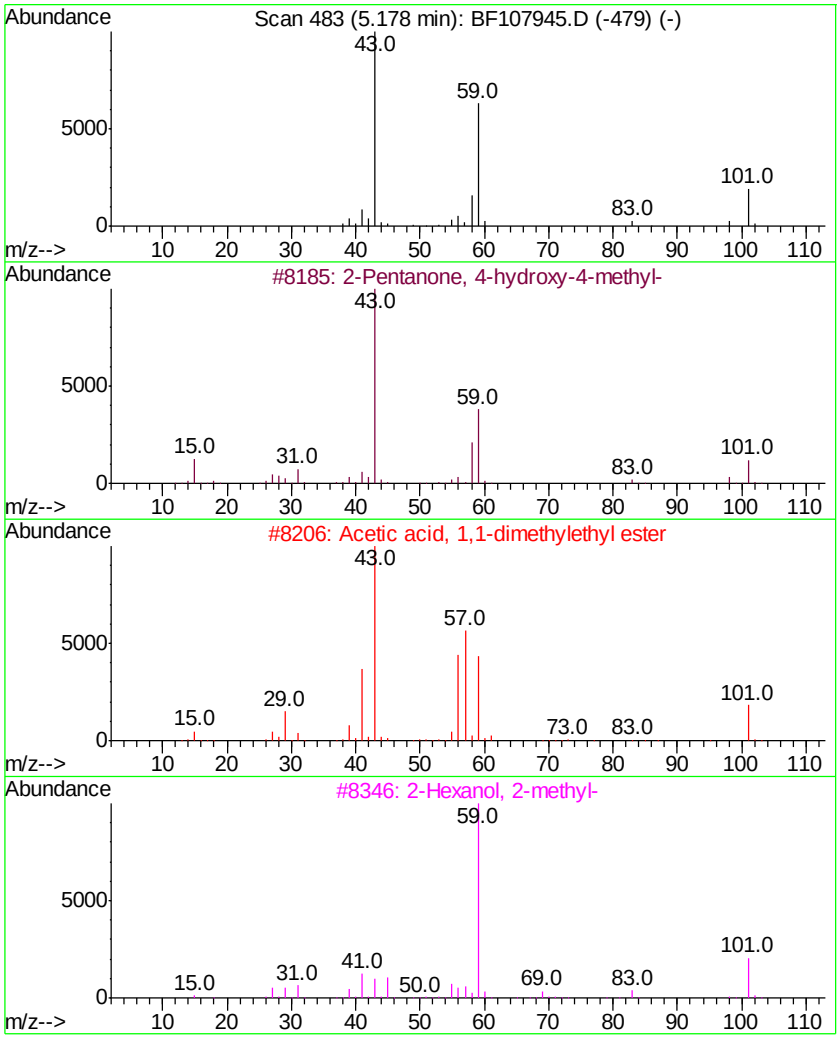
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

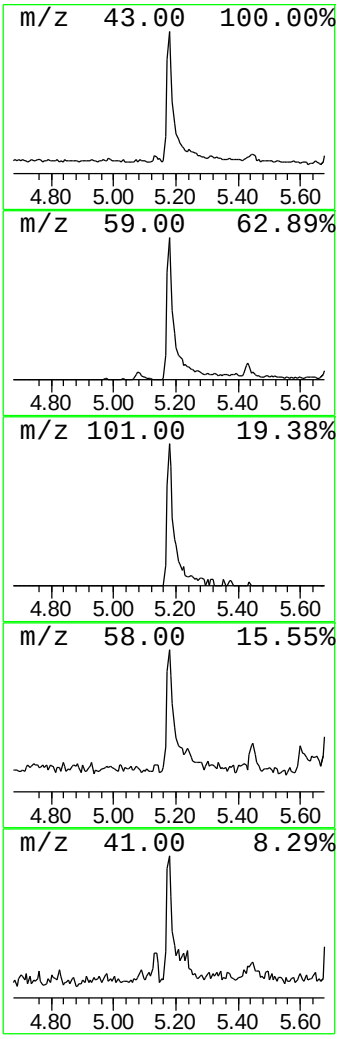
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	8.49 ng	212791	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	1,2-Butanediol	90	C4H10O2	000584-03-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107945.D
Acq On : 3 Aug 2018 18:39
Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

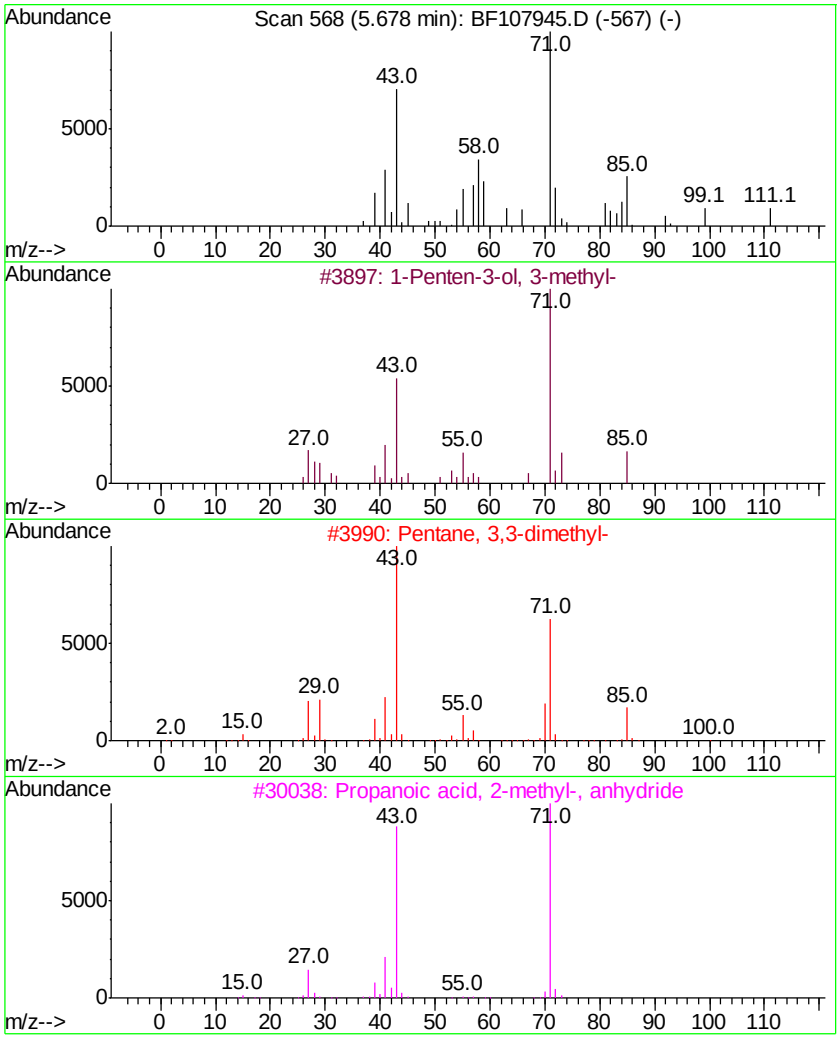
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

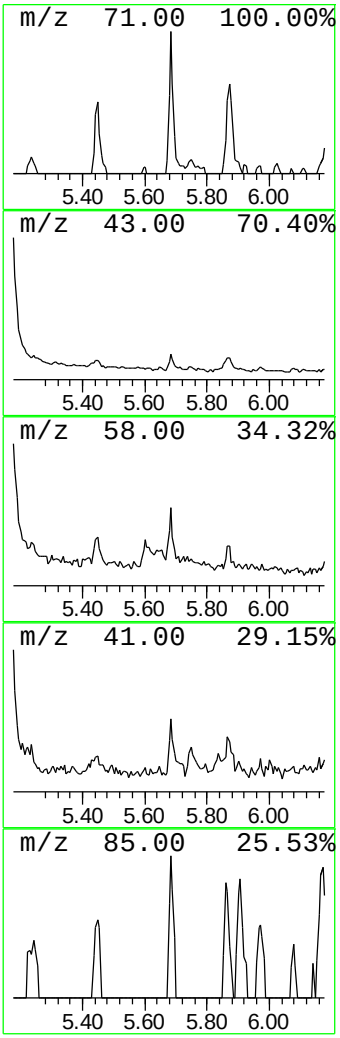
****

Peak Number 2 unknown5.68 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	7.75 ng	194181	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	28
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	25
3	Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	25
4	1,5,7-Octatrien-3-ol, 3,7-dimethyl-	152	C10H16O	029957-43-5	25
5	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	23





Library Search Compound Report

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Data File : BF107945.D
Acq On : 3 Aug 2018 18:39
Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

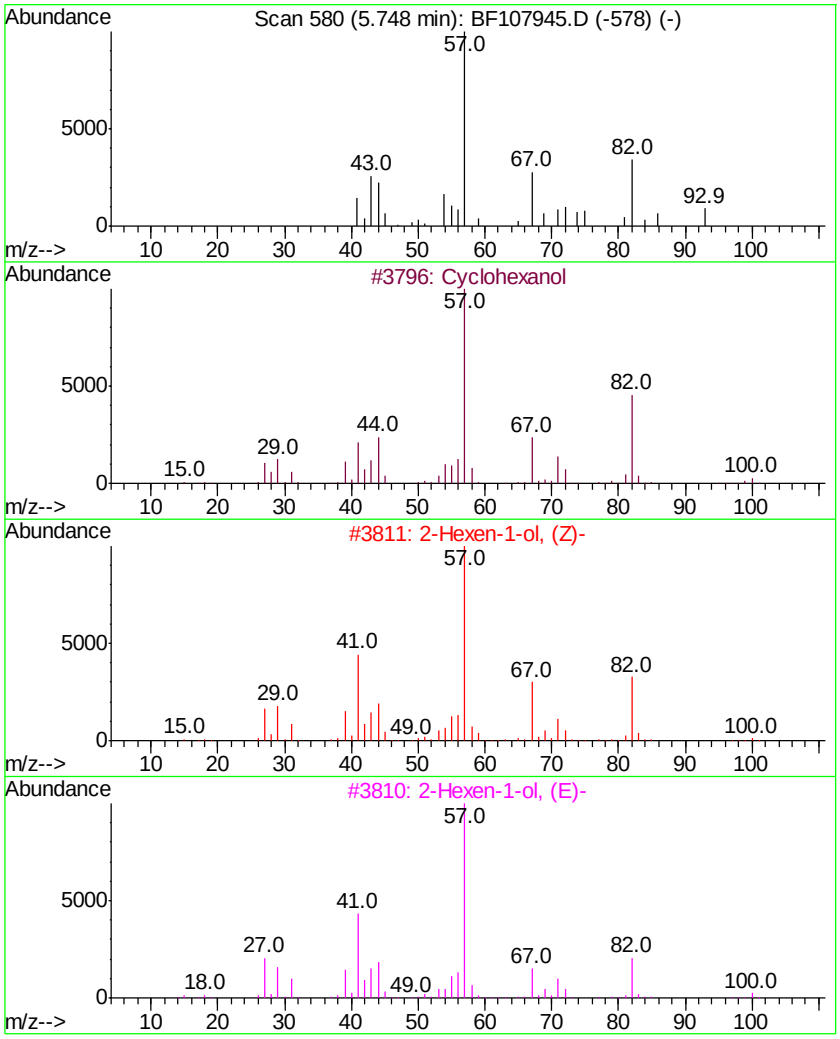
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

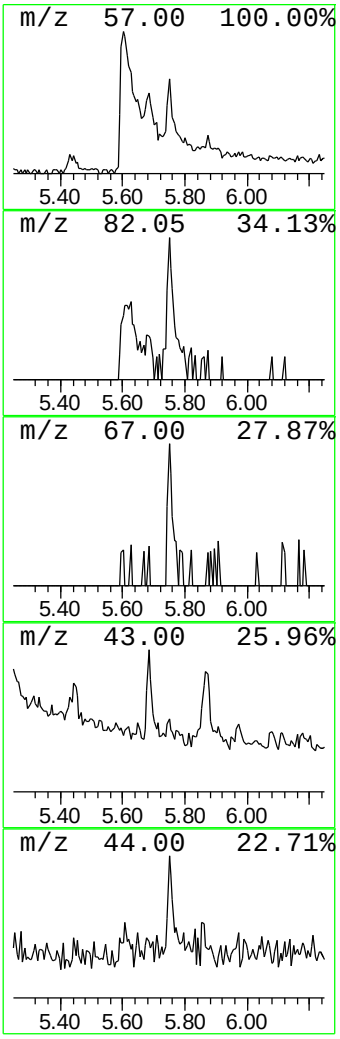
****

Peak Number 3 Cyclohexanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	2.40 ng	60124	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol	100	C6H12O	000108-93-0	50
2	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	50
3	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	28
4	Cyclopentanol	86	C5H10O	000096-41-3	16
5	2-Penten-1-ol, (E)-	86	C5H10O	001576-96-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107945.D
Acq On : 3 Aug 2018 18:39
Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

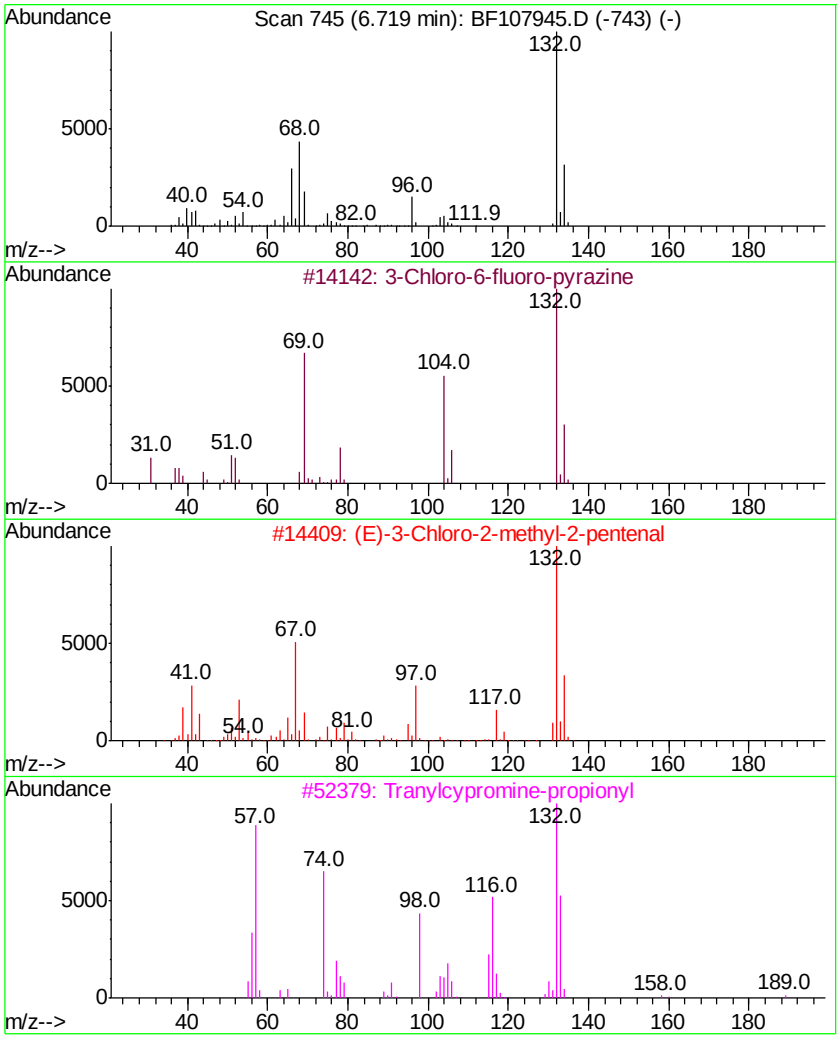
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

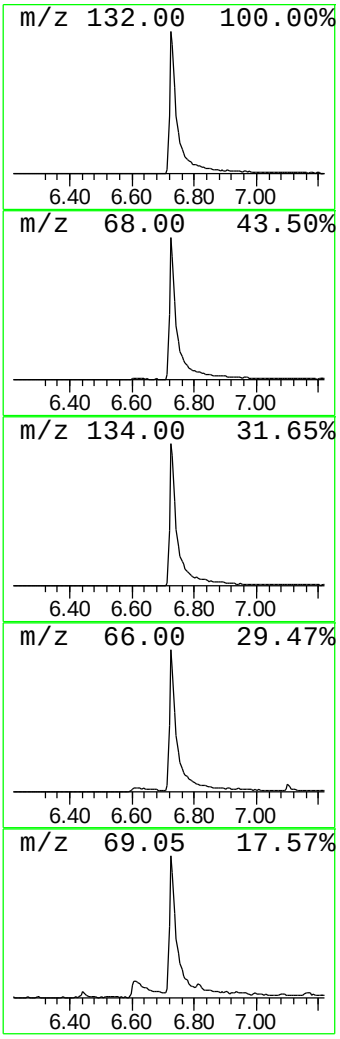
****

Peak Number 4 unknown6.72 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	98.68 ng	2473380	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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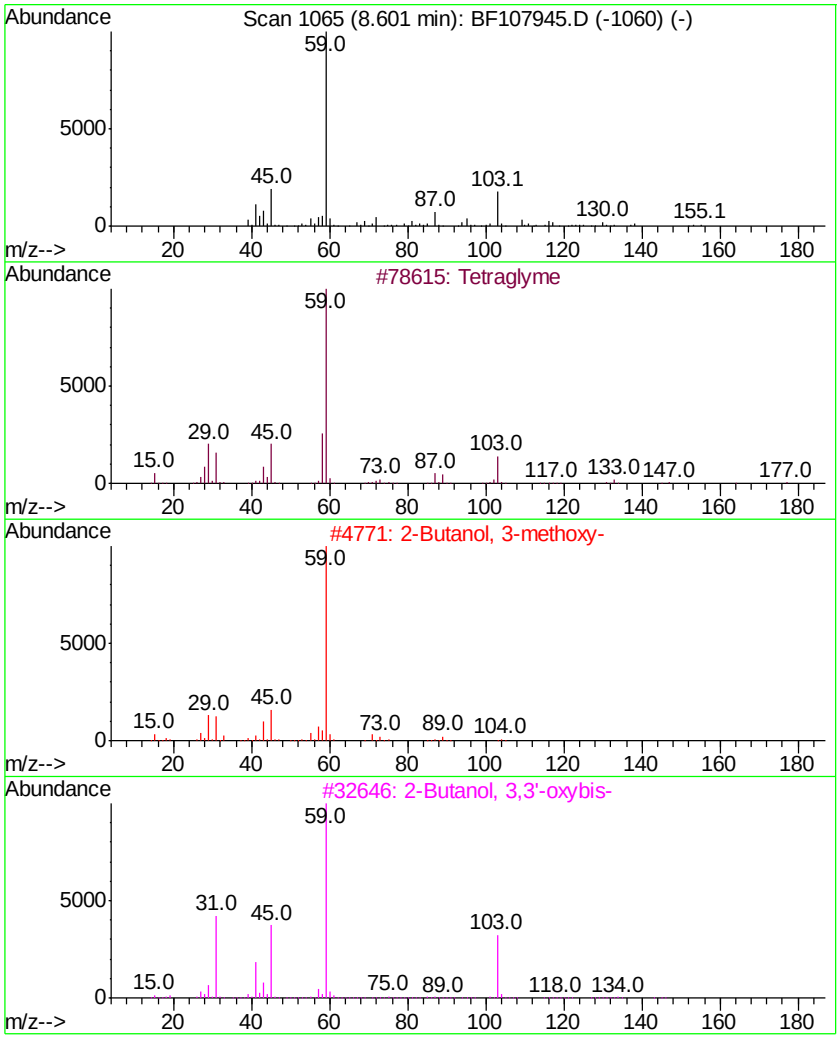
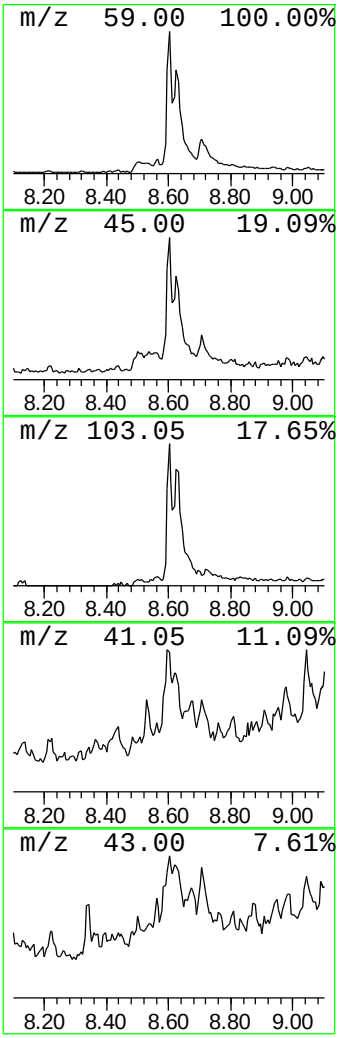
****

Peak Number 6 Tetraglyme Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	6.06 ng	299350	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraglyme	222	C10H22O5	000143-24-8	78
2	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	64
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
4	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	64
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

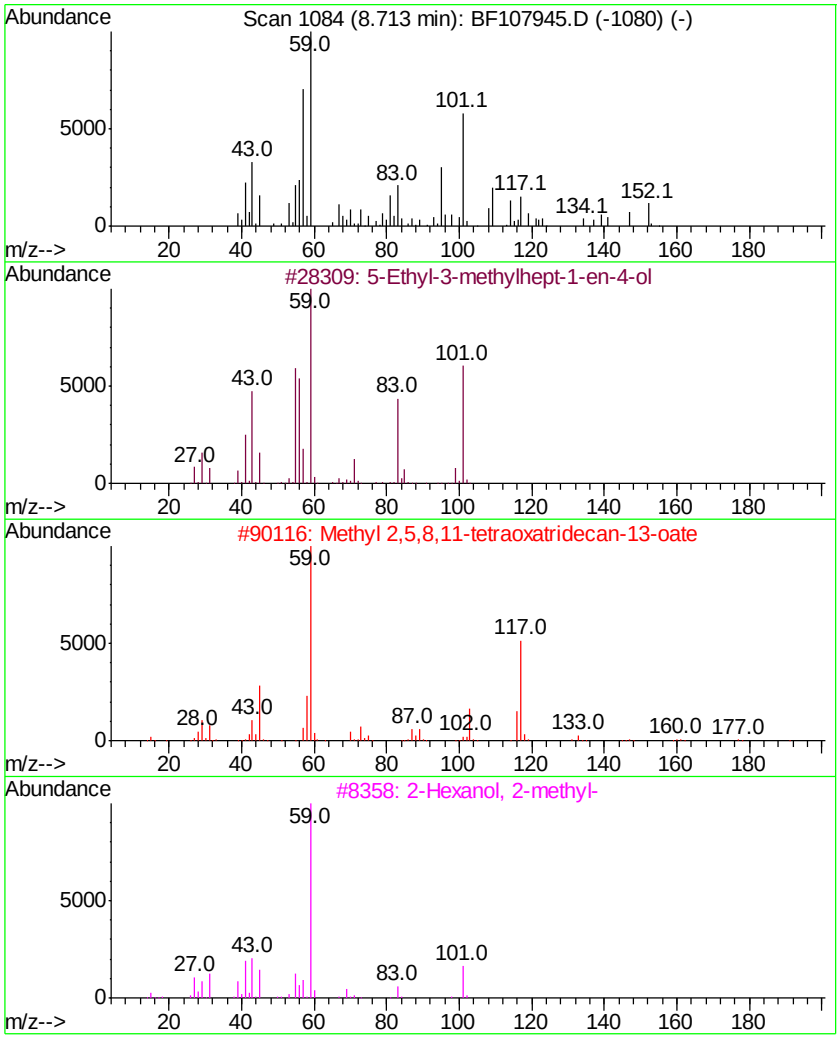
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

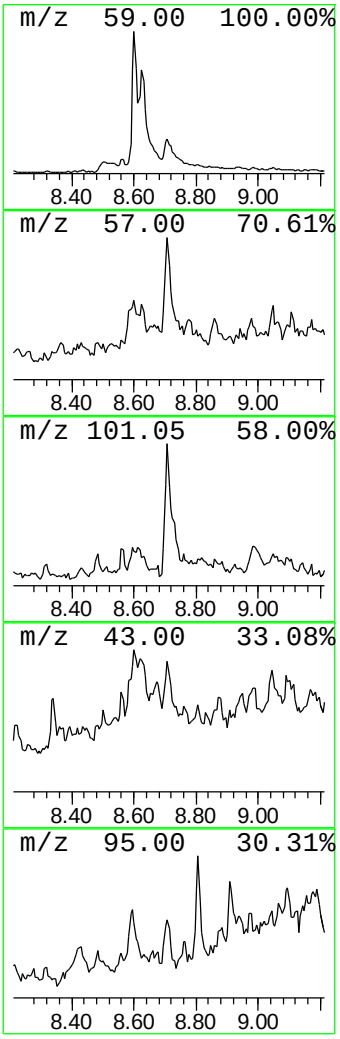
****

Peak Number 7 unknown8.71 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.76 ng	136430	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyl-3-methylhept-1-en-4-ol	156	C10H20O	286424-80-4	38
2	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	32
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Tetraglyme	222	C10H22O5	000143-24-8	25
5	Butyric acid, 4-isopropoxy-, met...	160	C8H16O3	029006-05-1	25





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

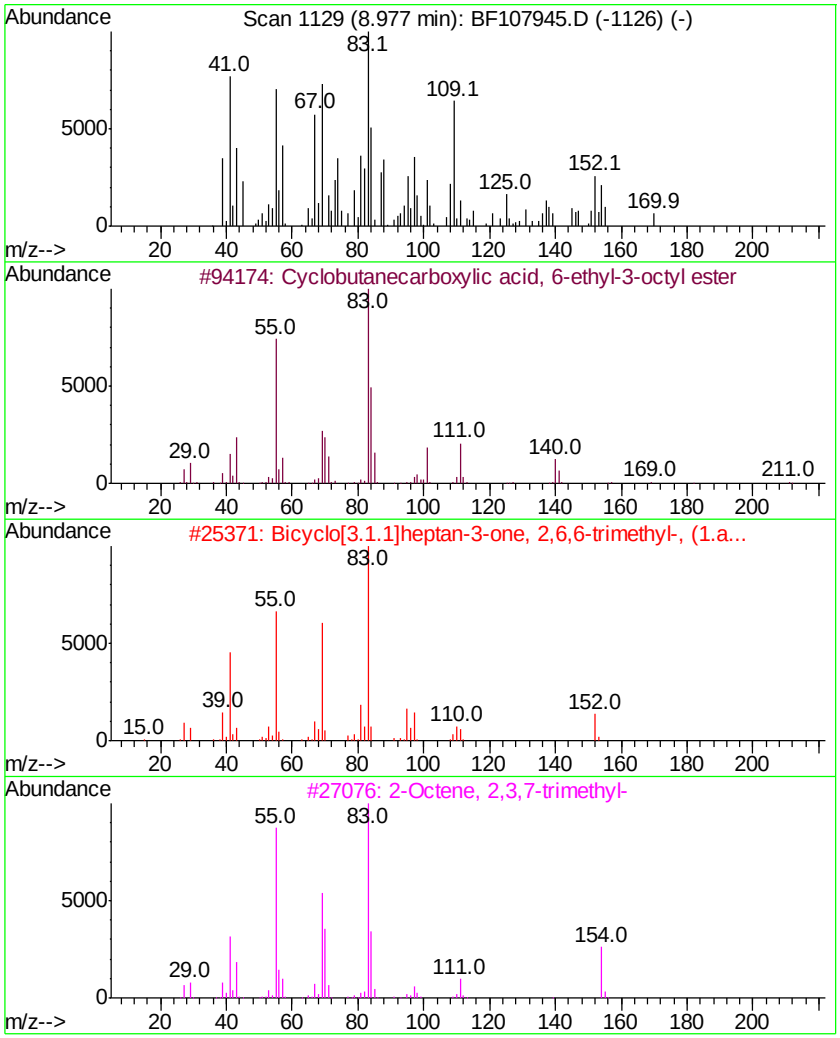
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

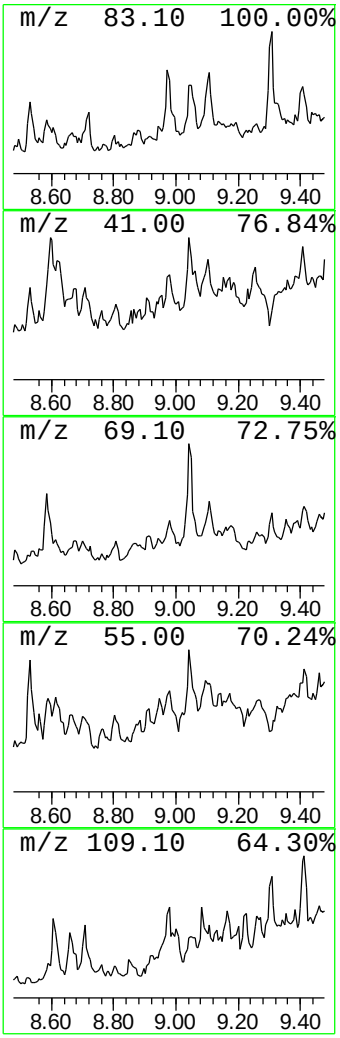
****

Peak Number 8 unknown8.98 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	2.44 ng	120744	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutanecarboxylic acid, 6-et...	240	C15H28O2	1000282-61-1	35
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	35
3	2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	30
4	1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	021370-71-8	27
5	Phosphinous acid, diisopropyl ester	166	C6H15O3P	000691-96-3	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107945.D
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Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

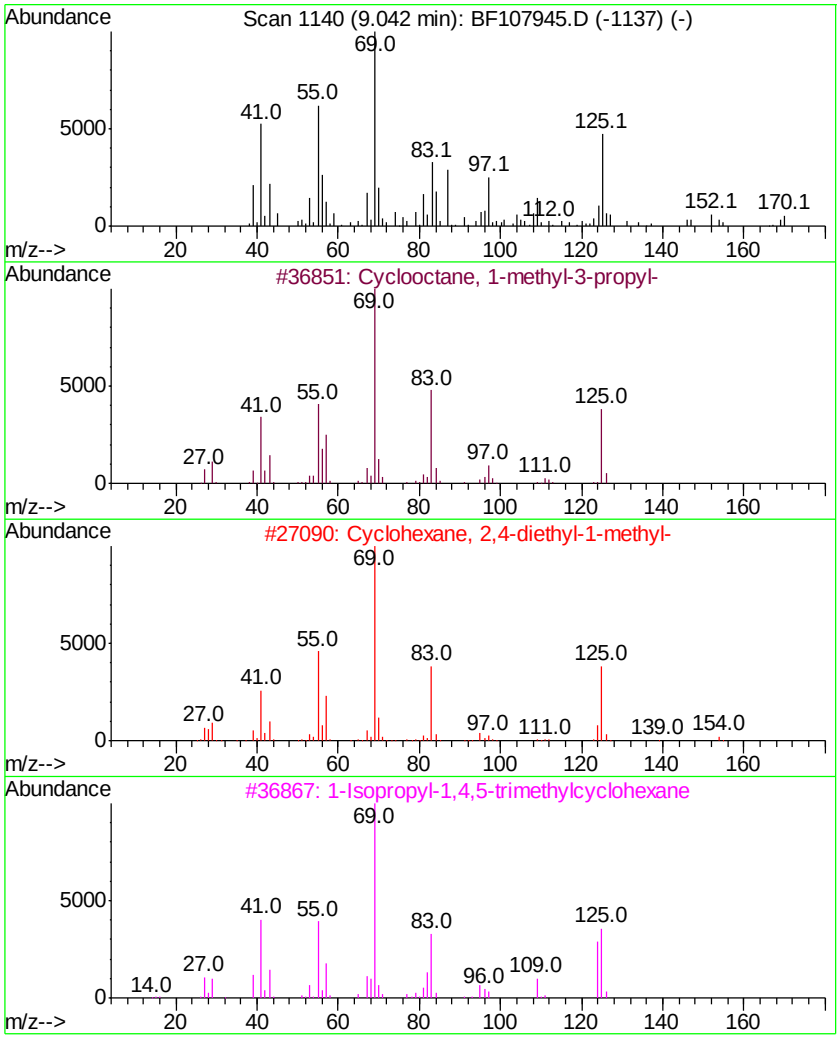
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

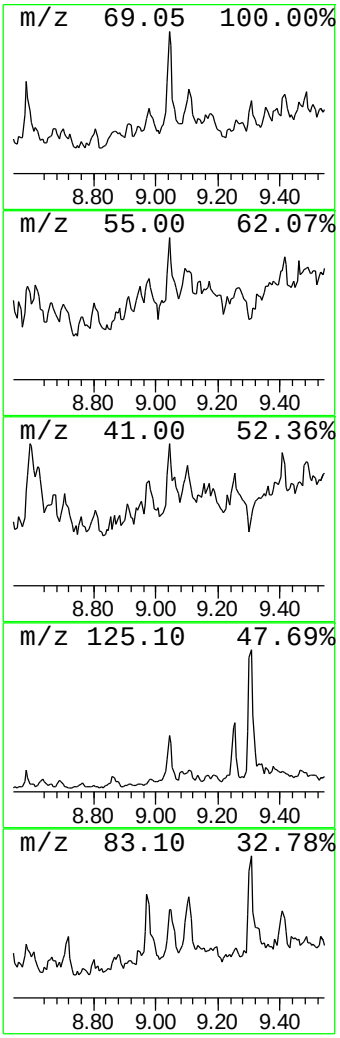
****

Peak Number 9 Cyclooctane, 1-methyl-3-pro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	3.62 ng	179019	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
2	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	50
3	1-Isopropyl-1,4,5-trimethylcyclo...	168	C12H24	219783-06-9	47
4	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	38
5	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107945.D
Acq On : 3 Aug 2018 18:39
Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

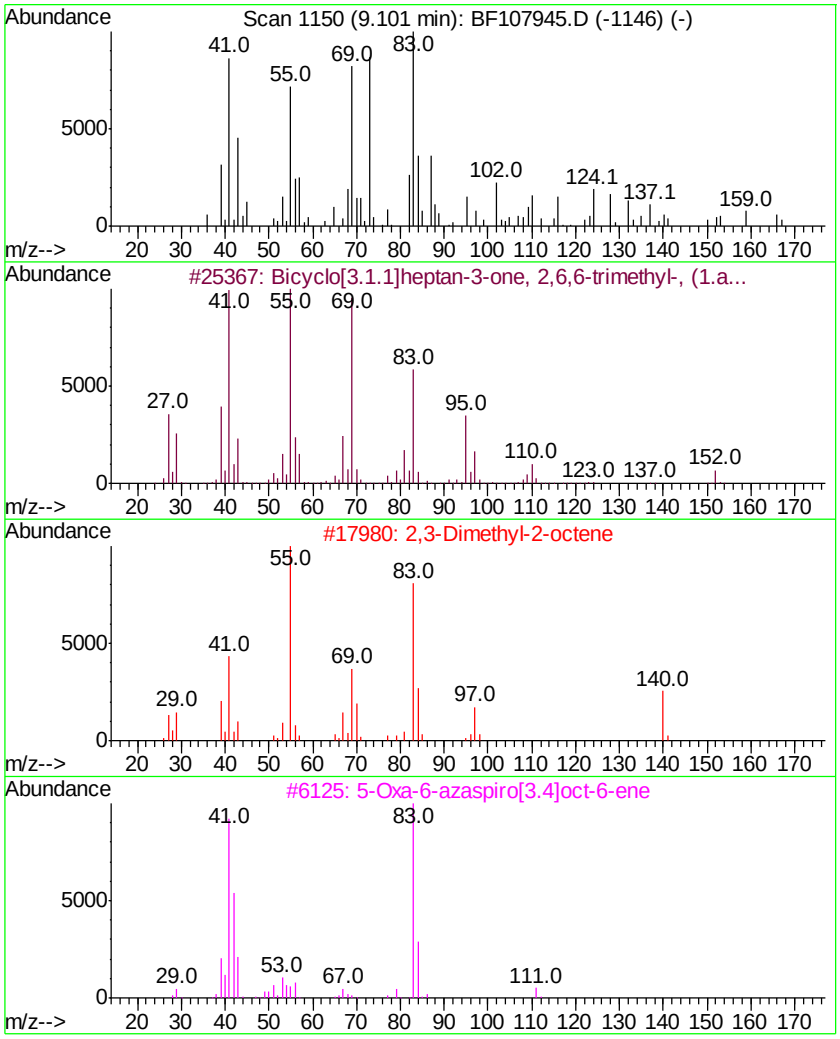
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

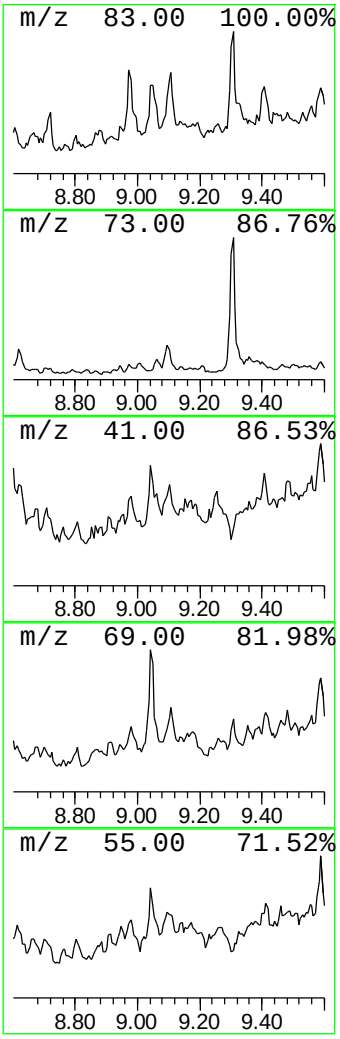
****

Peak Number 10 unknown9.10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.09 ng	103537	Naphthalene-d8	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	22
2	2,3-Dimethyl-2-octene	140	C10H20	019781-18-1	14
3	5-Oxa-6-azaspiro[3.4]oct-6-ene	111	C6H9NO	1000362-18-0	14
4	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	14
5	2-Ethoxy-2-cyclohexen-1-one	140	C8H12O2	029941-82-0	14





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Data File : BF107945.D
Acq On : 3 Aug 2018 18:39
Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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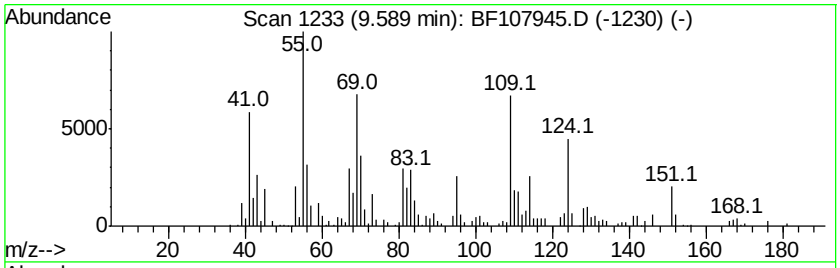
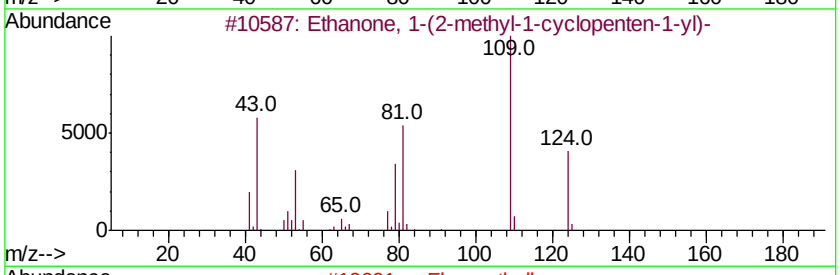
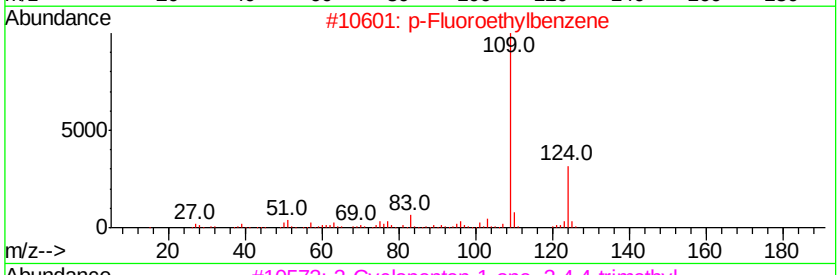
Peak Number 11 unknown9.59 Concentration Rank 13

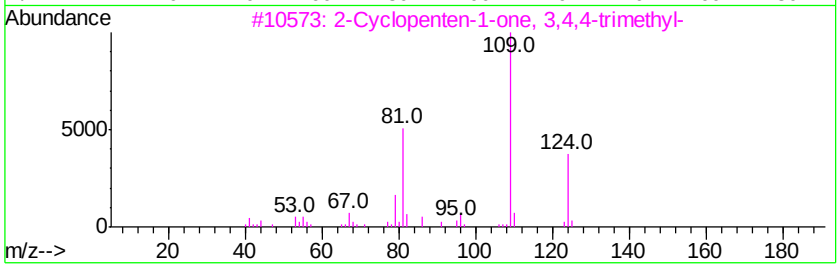
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	2.64 ng	121629	Acenaphthene-d10	9.99

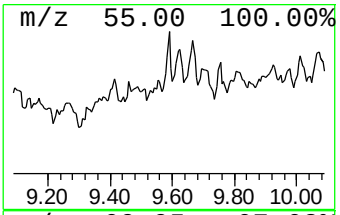
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	38
2	p-Fluoroethylbenzene	124	C8H9F	000459-47-2	38
3	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	38
4	Mequinol	124	C7H8O2	000150-76-5	38
5	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	38

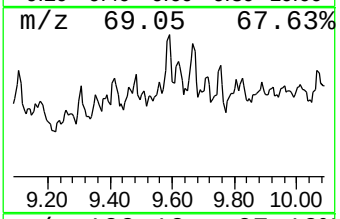


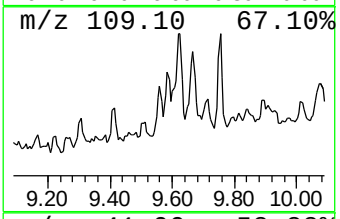


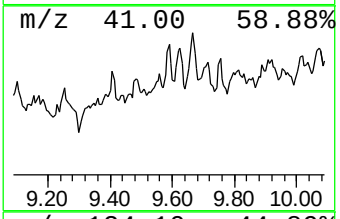


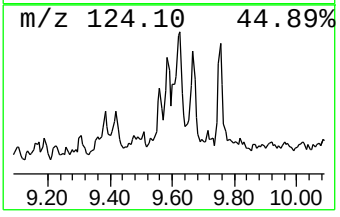












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Data File : BF107945.D
Acq On : 3 Aug 2018 18:39
Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

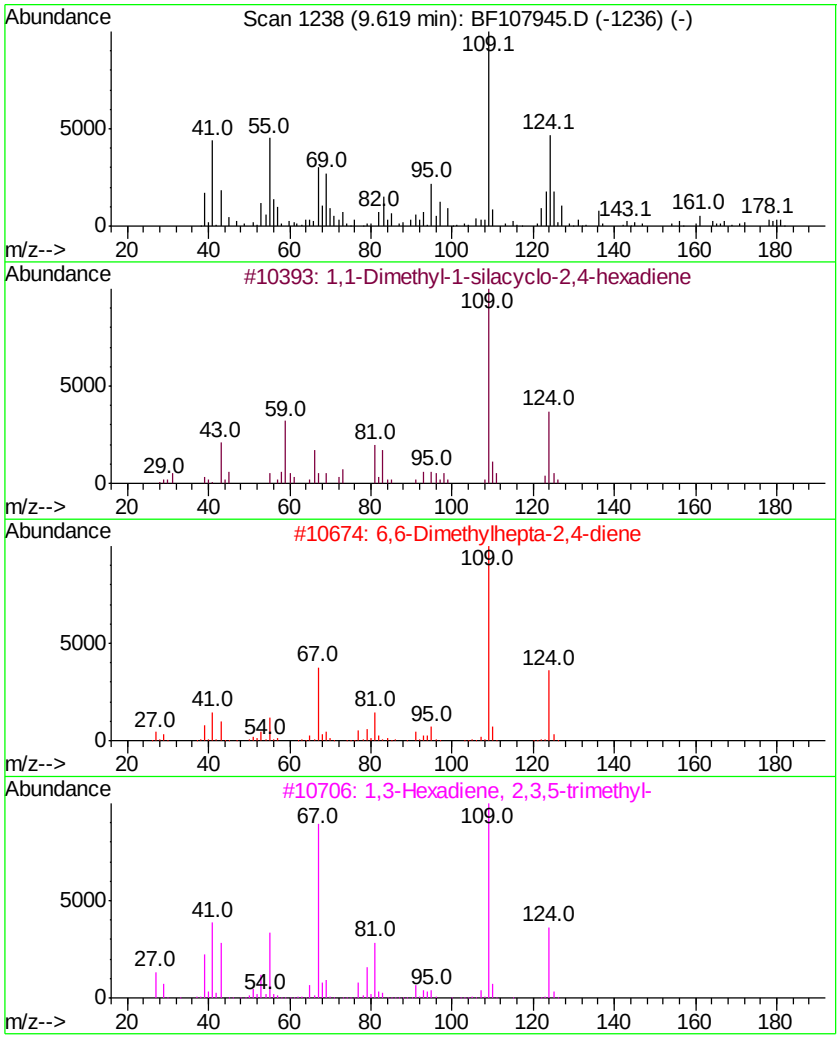
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

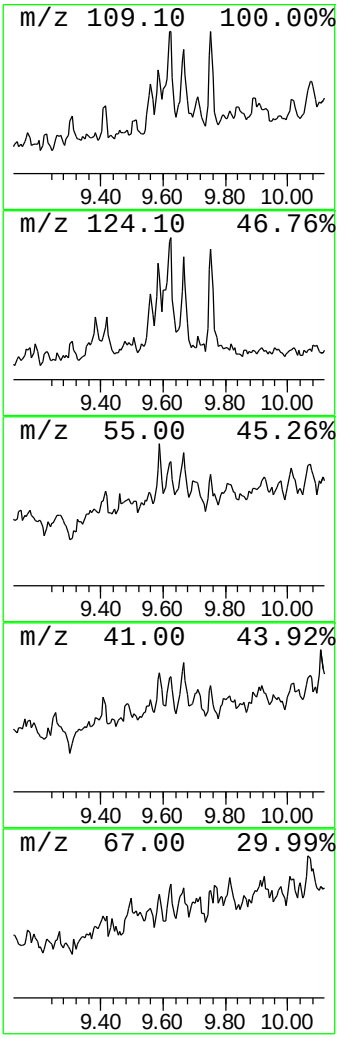
****

Peak Number 12 unknown9.62 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.59 ng	119133	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-1-silacyclo-2,4-hex...	124	C7H12Si	052023-18-4	47
2	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	46
3	1,3-Hexadiene, 2,3,5-trimethyl-	124	C9H16	061142-34-5	43
4	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	43
5	2-Acetyl-5-methylfuran	124	C7H8O2	001193-79-9	43





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

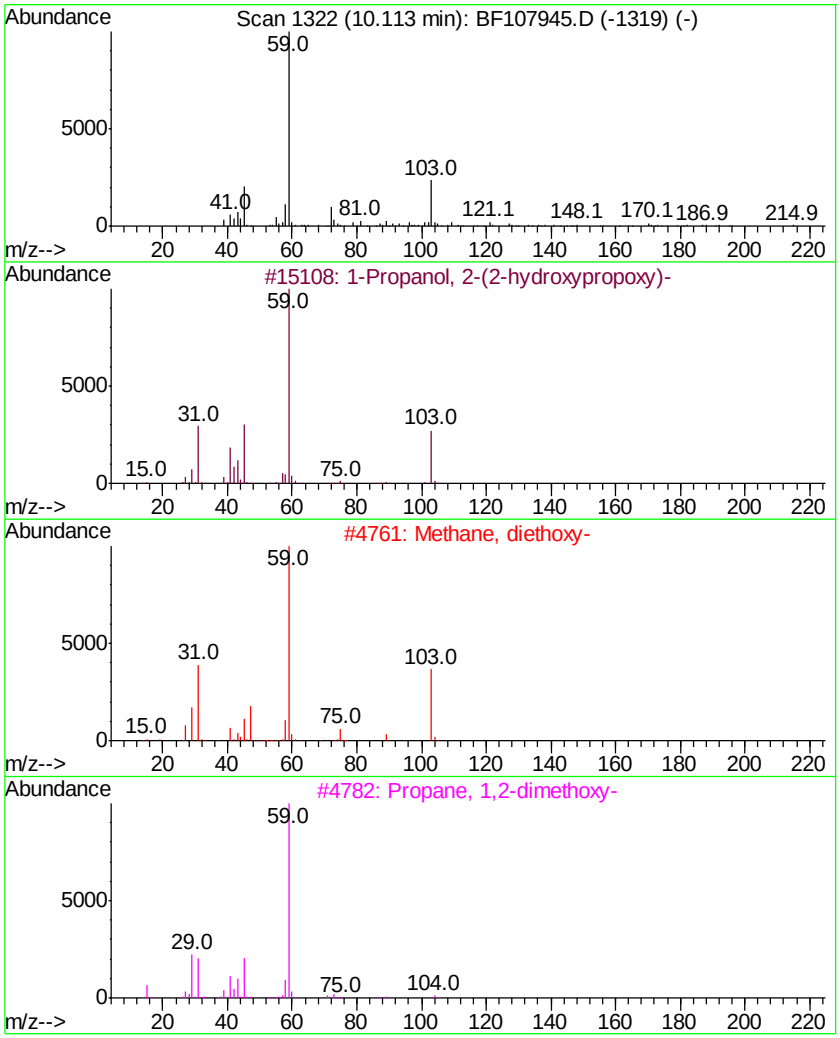
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

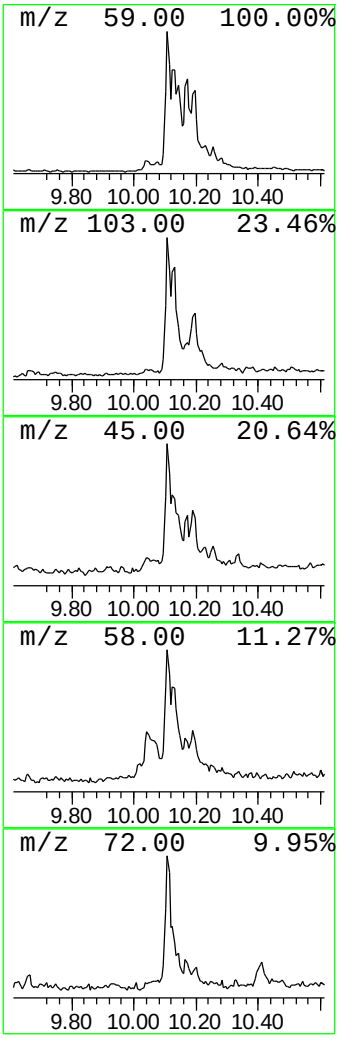
****

Peak Number 13 1-Propanol, 2-(2-hydroxypro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	4.83 ng	222325	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	59
3	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	59
4	1-(1-tert-Butoxypropan-2-yloxy)p...	190	C10H22O3	132739-31-2	59
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	59





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Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

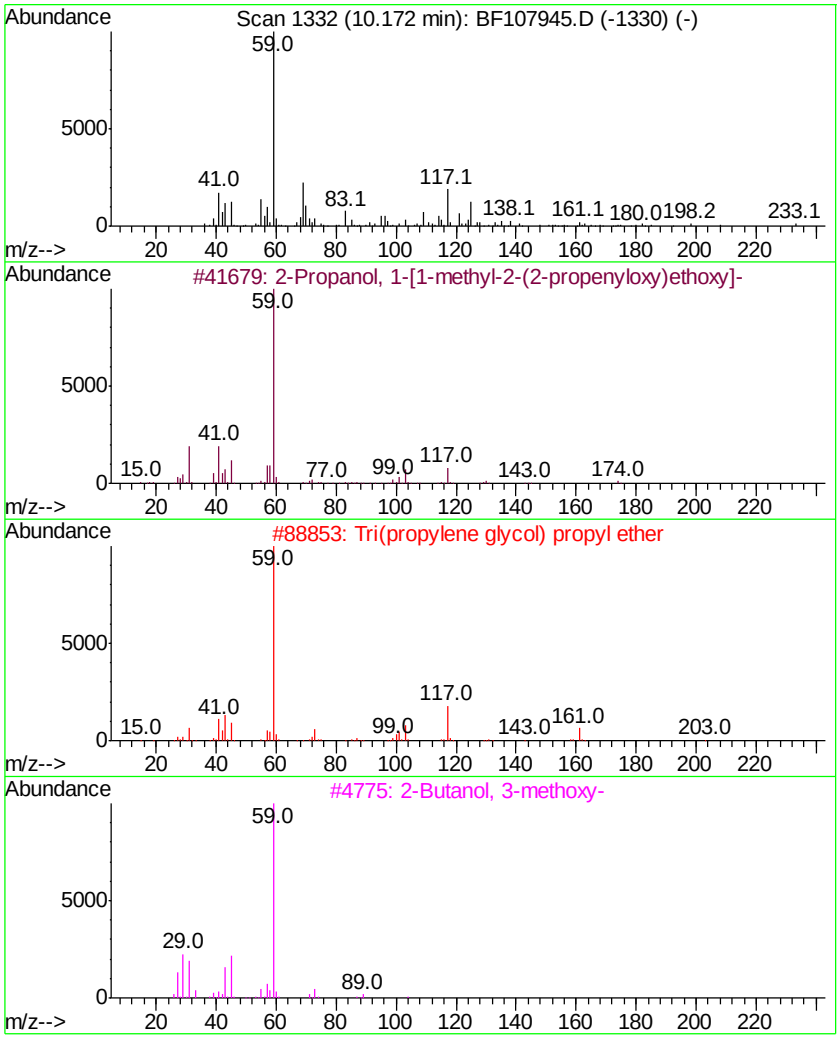
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

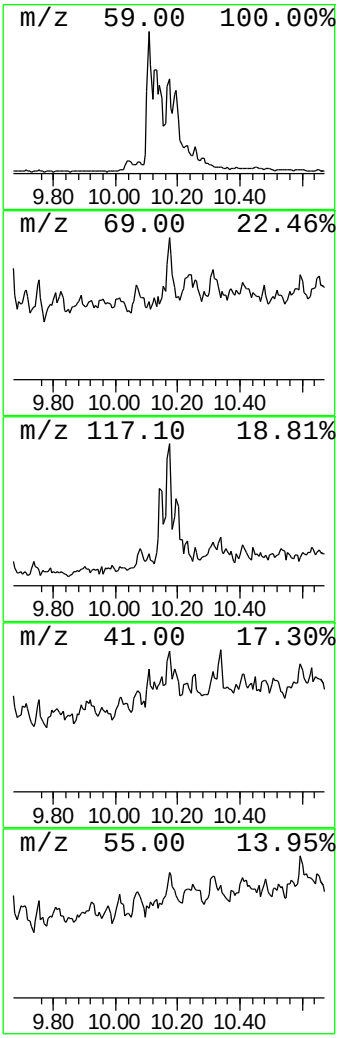
****

Peak Number 14 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.83 ng	130300	Acenaphthene-d10	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	58
2	Tri(propylene glycol) propyl ether	234	C12H26O4	096077-04-2	53
3	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	47
4	2-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	019780-63-3	47
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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Operator : JU/SJ
Sample : J4317-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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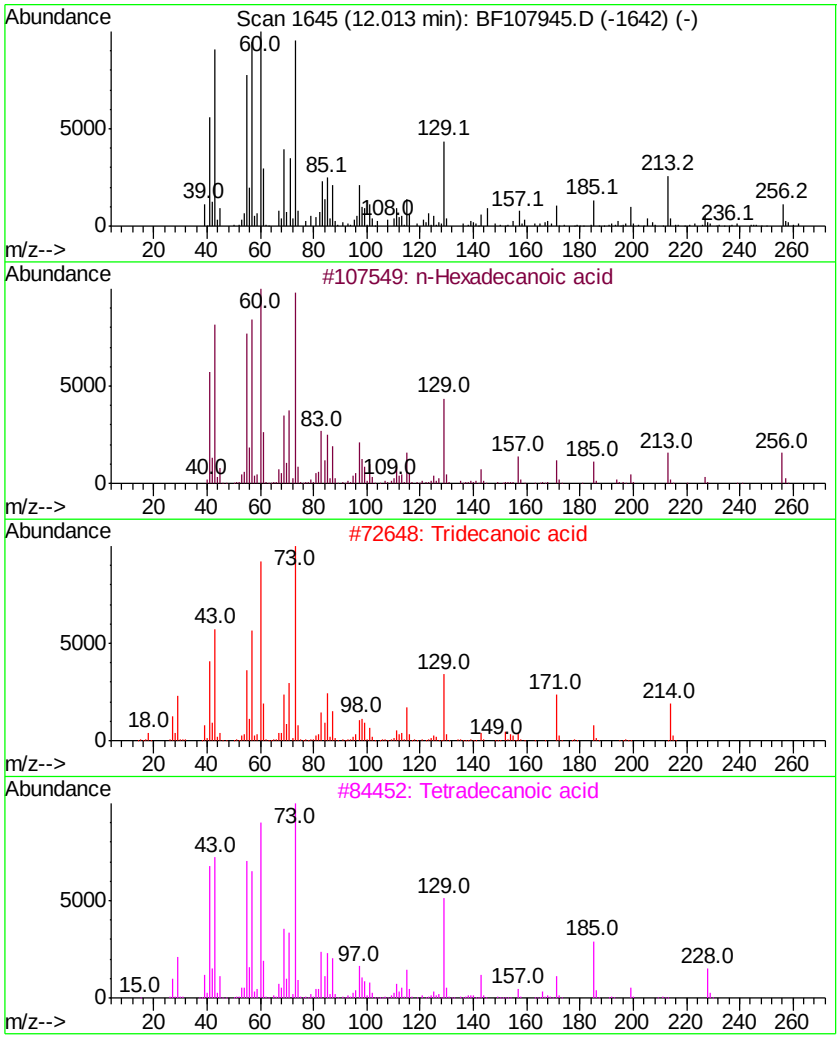
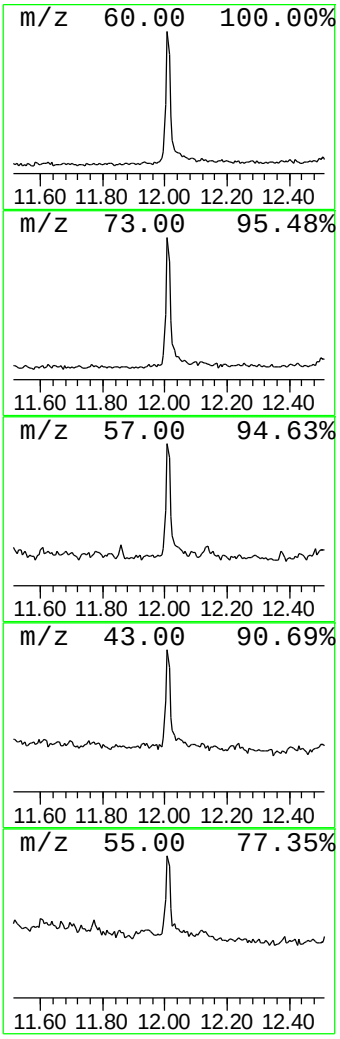
Peak Number 15 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	12.75 ng	482711	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30





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Instrument : BNA_F
ClientSampleId : N28424

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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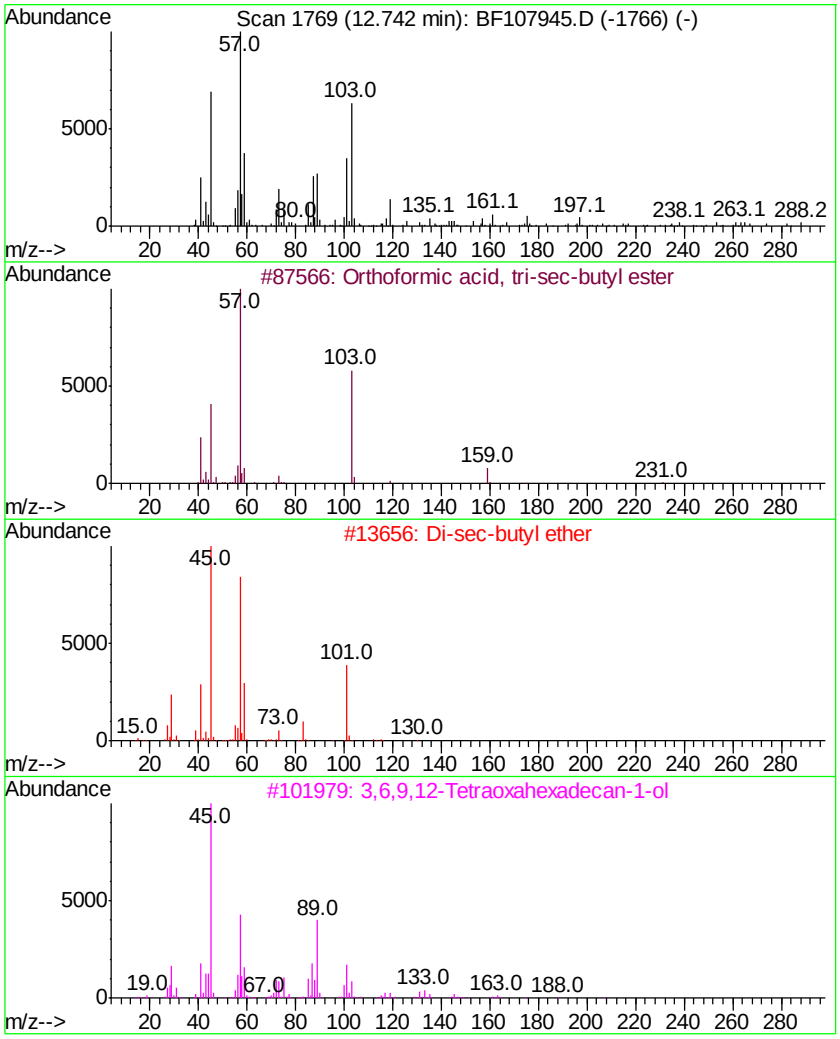
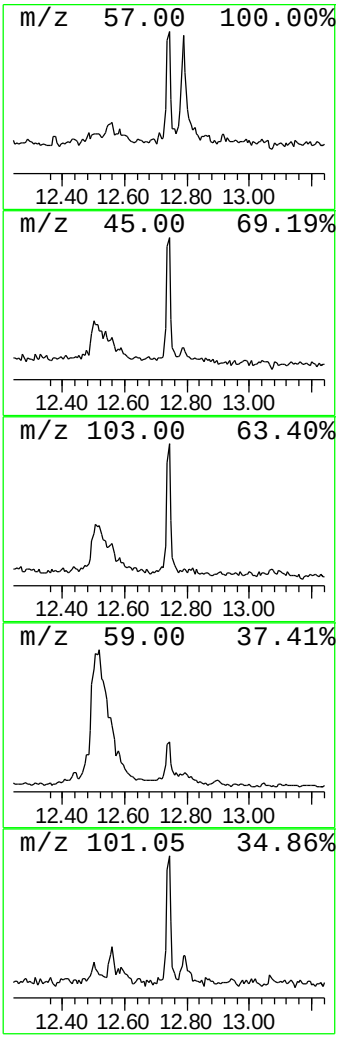
Peak Number 16 unknown12.74 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	3.69 ng	139614	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Orthoformic acid, tri-sec-butyl ...	232	C13H28O3	016754-48-6	38
2	Di-sec-butyl ether	130	C8H18O	006863-58-7	38
3	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	35
4	2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	35
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Met...	472	C21H44O11	1000352-11-2	35





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

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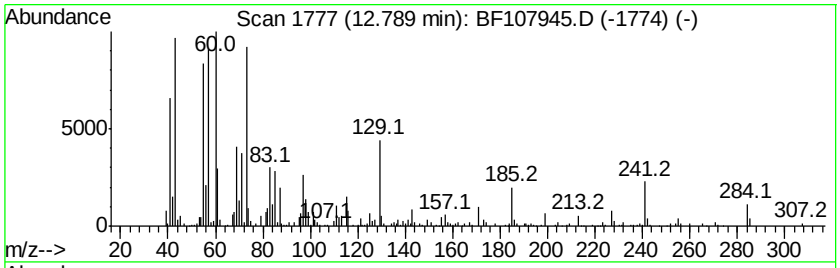
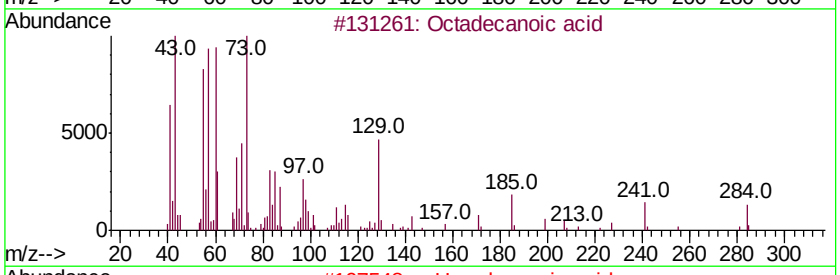
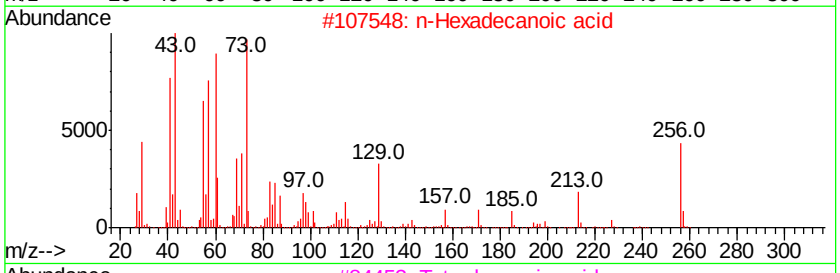
Peak Number 17 Octadecanoic acid Concentration Rank 4

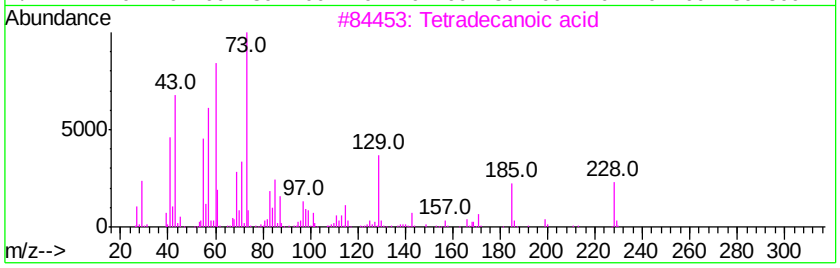
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	11.04 ng	417831	Phenanthrene-d10	11.49

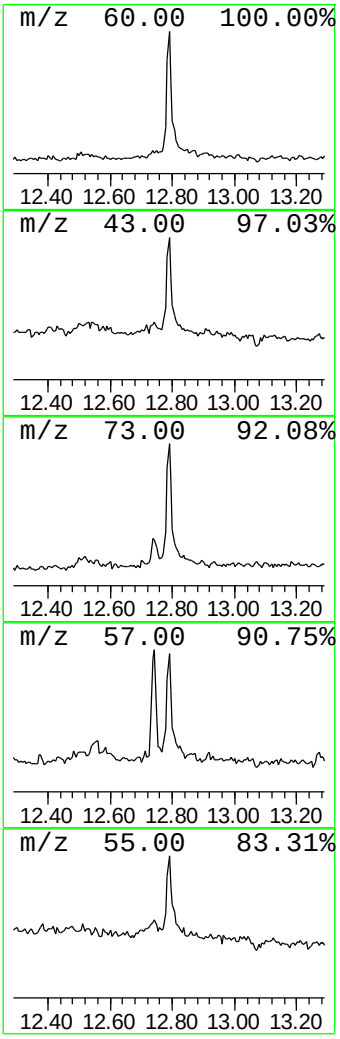
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50











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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

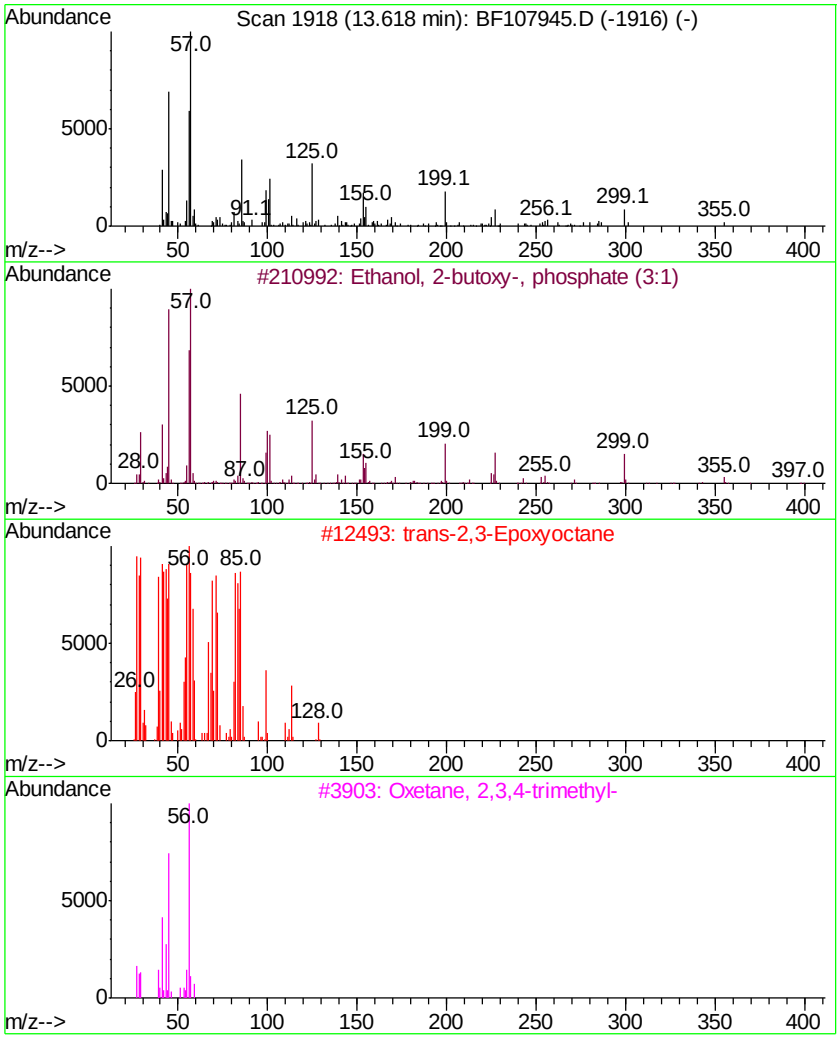
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

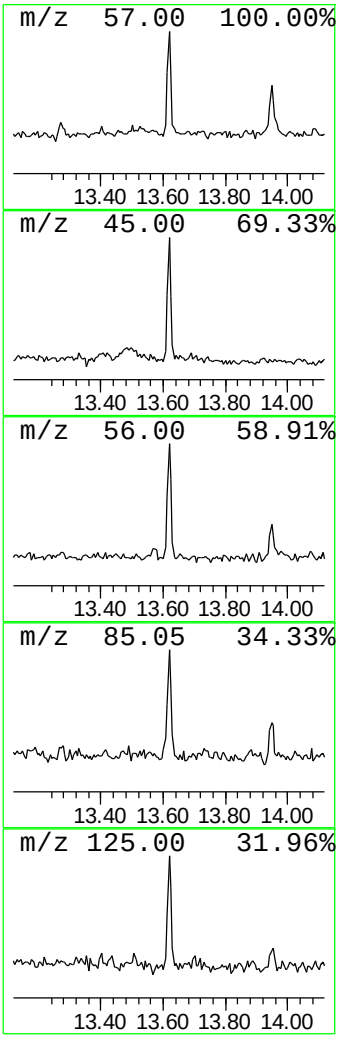
****

Peak Number 18 Ethanol, 2-butoxy-, phospha... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.51 ng	92659	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	53
2	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	38
3	Oxetane, 2,3,4-trimethyl-	100	C6H12O	053778-61-3	27
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	14
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	14





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	8.5	ng	212791	1	6.95	501286	20.0
unknown5.68	5.68	7.8	ng	194181	1	6.95	501286	20.0
Cyclohexanol	5.75	2.4	ng	60124	1	6.95	501286	20.0
unknown6.72	6.72	98.7	ng	2473380	1	6.95	501286	20.0
Tetraglyme	8.60	6.1	ng	299350	2	8.23	988675	20.0
unknown8.71	8.71	2.8	ng	136430	2	8.23	988675	20.0
unknown8.98	8.98	2.4	ng	120744	2	8.23	988675	20.0
Cyclooctane, 1-me...	9.04	3.6	ng	179019	2	8.23	988675	20.0
unknown9.10	9.10	2.1	ng	103537	2	8.23	988675	20.0
unknown9.59	9.59	2.6	ng	121629	3	9.99	919926	20.0
unknown9.62	9.62	2.6	ng	119133	3	9.99	919926	20.0
1-Propanol, 2-(2-...	10.11	4.8	ng	222325	3	9.99	919926	20.0
2-Propanol, 1-[1-...	10.17	2.8	ng	130300	3	9.99	919926	20.0
n-Hexadecanoic acid	12.01	12.8	ng	482711	4	11.49	756950	20.0
unknown12.74	12.74	3.7	ng	139614	4	11.49	756950	20.0
Octadecanoic acid	12.79	11.0	ng	417831	4	11.49	756950	20.0
Ethanol, 2-butoxy...	13.62	2.5	ng	92659	5	14.14	739706	20.0