

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102880.D
 Acq On : 9 Feb 2018 11:23
 Operator : SJ/JU
 Sample : J1493-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-1-4-DENSE-GRADE-AGG-RCA

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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	2.152	5	11	20	rVB	422589	542372	6.74%	1.378%
2	5.128	508	517	520	rVB	4398185	8047319	100.00%	20.440%
3	5.498	576	580	584	rBV	2061374	1899168	23.60%	4.824%
4	5.834	632	637	643	rVB	82913	83789	1.04%	0.213%
5	6.134	682	688	694	rBV2	66543	94044	1.17%	0.239%
6	6.410	732	735	742	rBV	174717	191752	2.38%	0.487%
7	6.510	747	752	757	rBV	3024171	3124661	38.83%	7.937%
8	6.651	772	776	779	rBV	2792812	2426071	30.15%	6.162%
9	6.887	812	816	819	rVB	1292015	1161943	14.44%	2.951%
10	7.040	838	842	846	rVB	3351653	3111272	38.66%	7.903%
11	7.445	906	911	914	rBV	2799388	2821568	35.06%	7.167%
12	8.063	1012	1016	1020	rBV	224122	207775	2.58%	0.528%
13	8.169	1030	1034	1037	rBV	1702169	1476276	18.34%	3.750%
14	9.239	1212	1216	1220	rBV	3815100	3820519	47.48%	9.704%
15	9.351	1231	1235	1238	rVB2	130143	127411	1.58%	0.324%
16	9.522	1258	1264	1270	rBV2	53056	103493	1.29%	0.263%
17	9.633	1279	1283	1286	rBV	260785	243858	3.03%	0.619%
18	9.845	1316	1319	1321	rVB	209727	146475	1.82%	0.372%
19	9.875	1321	1324	1328	rVB	307989	242290	3.01%	0.615%
20	9.922	1328	1332	1336	rBV	1697771	1544867	19.20%	3.924%
21	10.345	1397	1404	1407	rBV	259766	221374	2.75%	0.562%
22	10.710	1463	1466	1472	rBV	1084871	970440	12.06%	2.465%
23	10.816	1482	1484	1494	rVB	211413	234956	2.92%	0.597%
24	11.269	1557	1561	1563	rBV	94281	84442	1.05%	0.214%
25	11.410	1581	1585	1588	rBV	1652870	1437741	17.87%	3.652%
26	12.622	1787	1791	1795	rBV2	106070	117658	1.46%	0.299%
27	12.857	1825	1831	1834	rBV2	84268	113011	1.40%	0.287%
28	12.998	1850	1855	1858	rBV	2861061	2722986	33.84%	6.916%
29	13.880	2002	2005	2008	rBV	159240	163611	2.03%	0.416%
30	14.051	2030	2034	2041	rVB	1006150	929722	11.55%	2.362%
31	15.539	2282	2287	2297	rVB	720057	956745	11.89%	2.430%

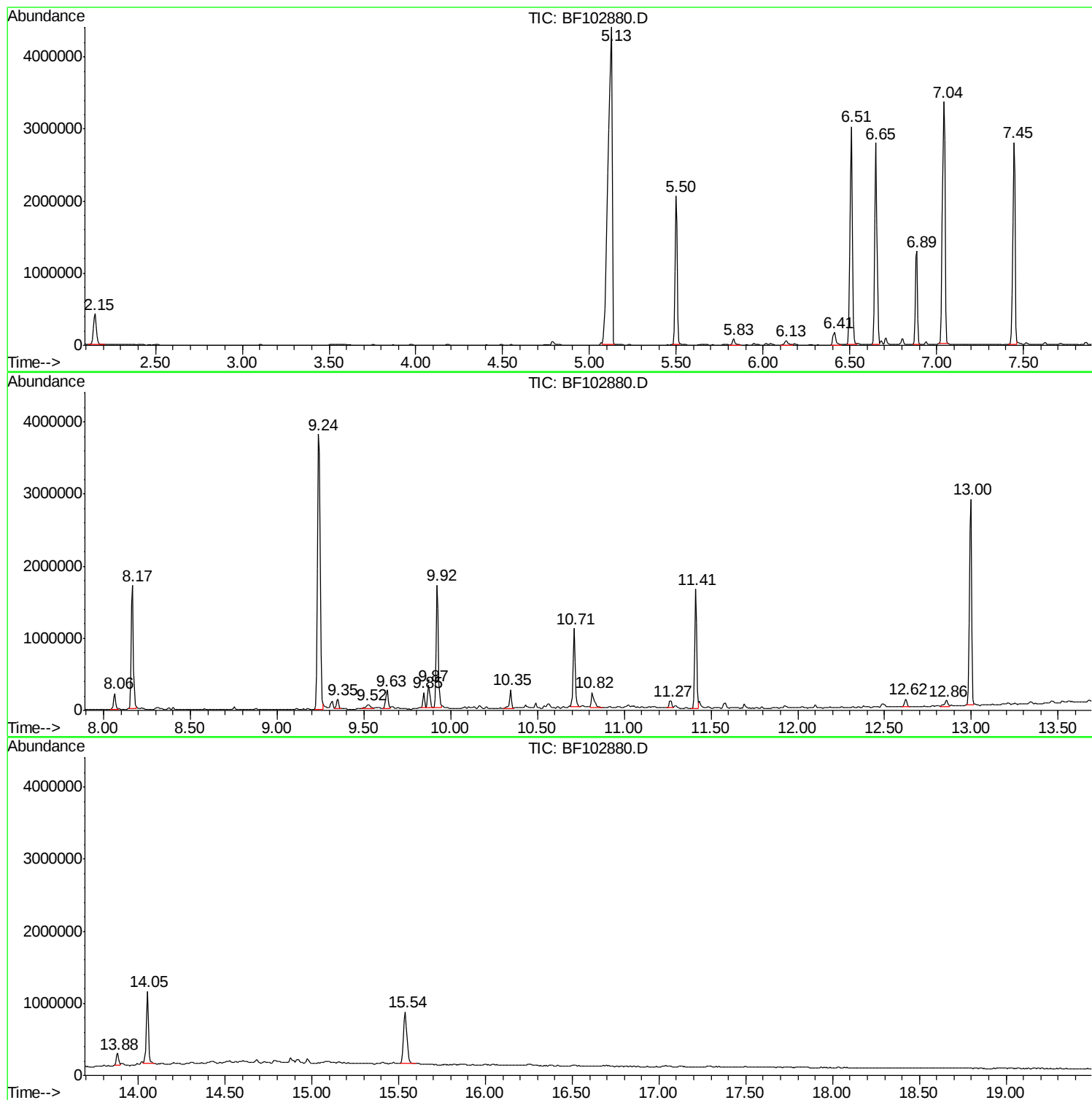
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ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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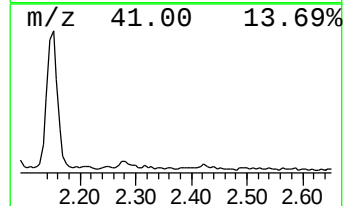
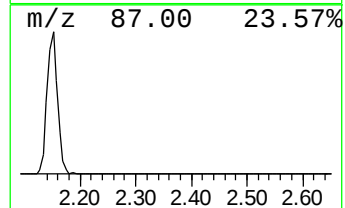
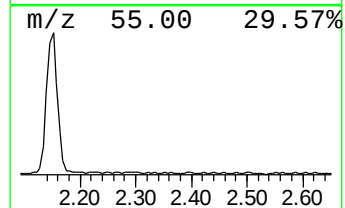
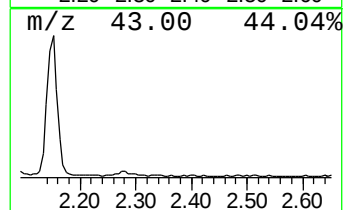
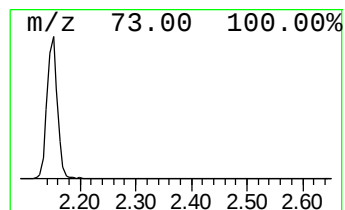
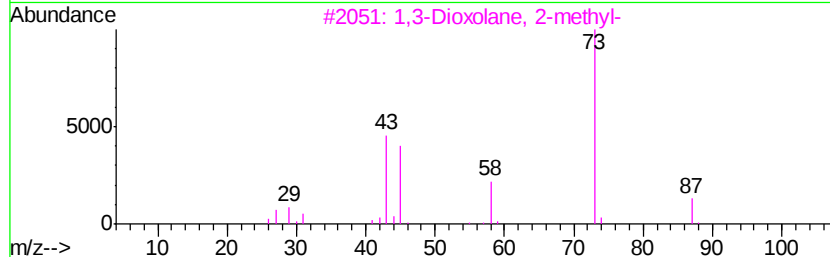
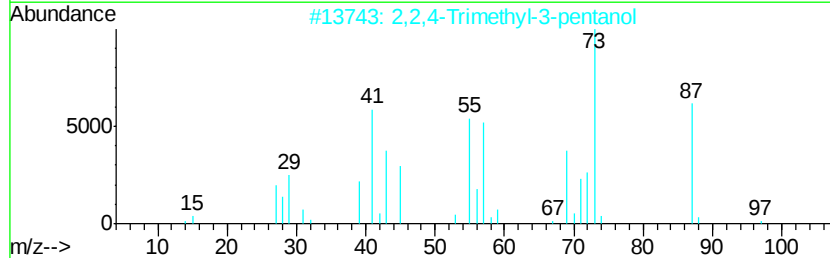
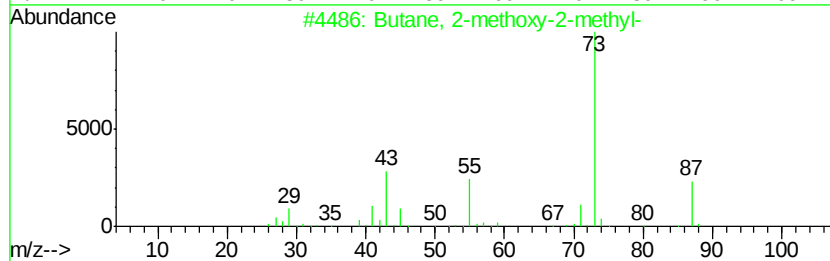
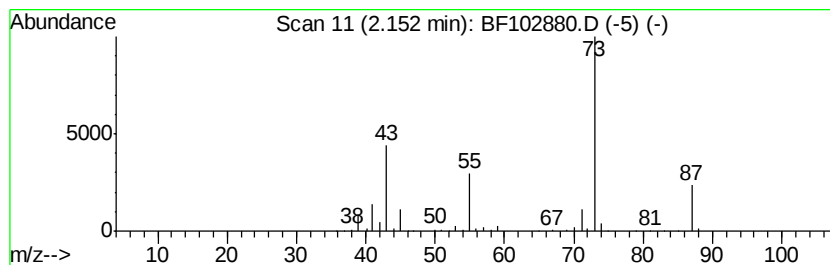
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	9.34 ng	542372	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12



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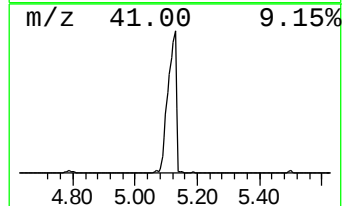
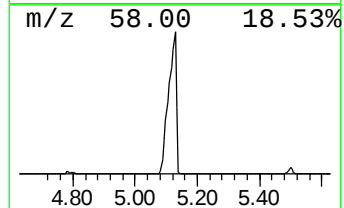
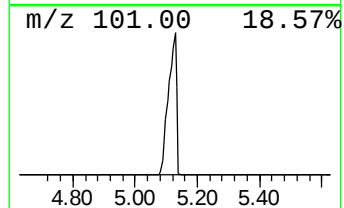
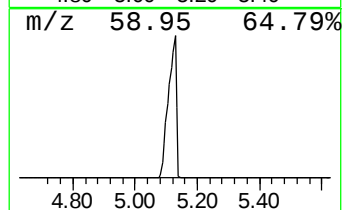
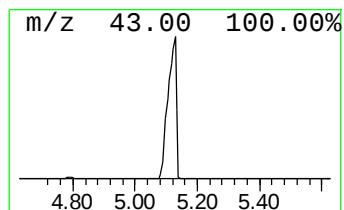
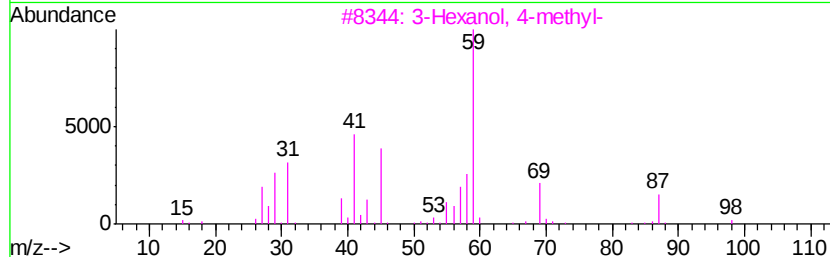
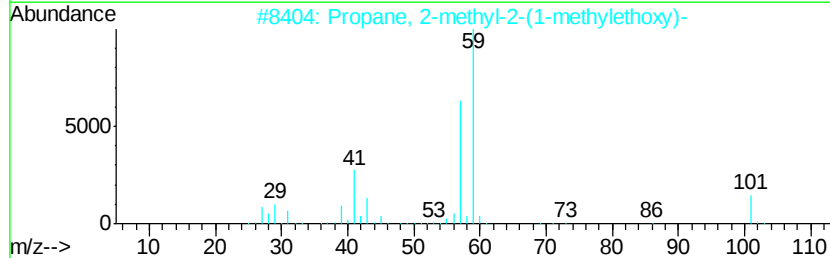
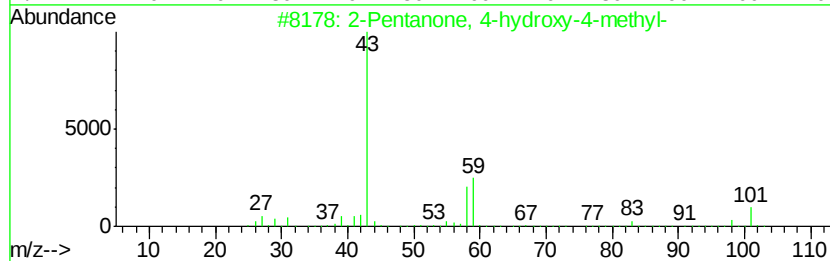
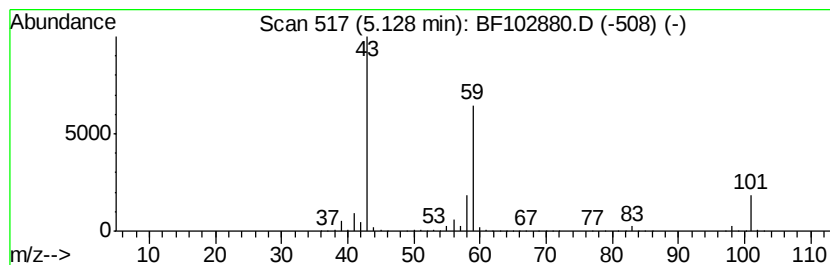
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	138.52 ng	8047320	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	33
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



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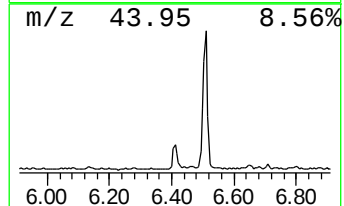
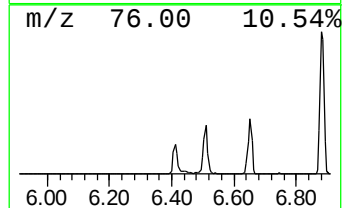
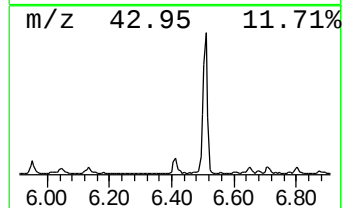
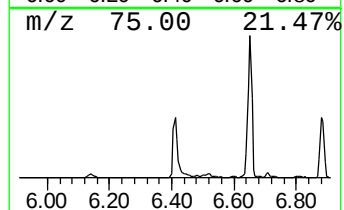
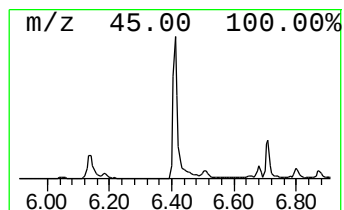
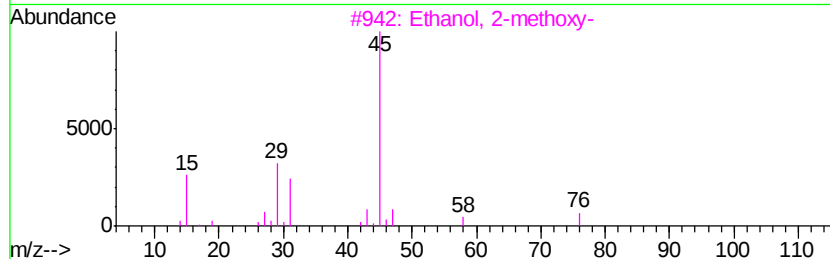
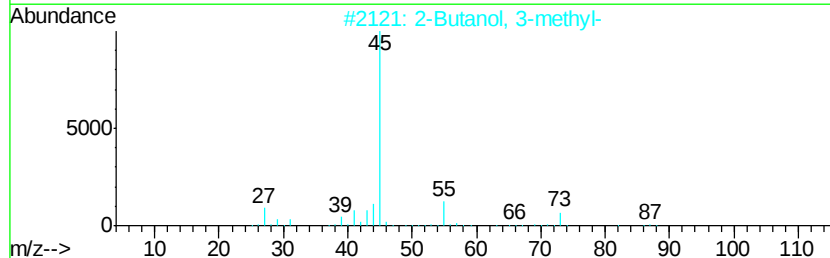
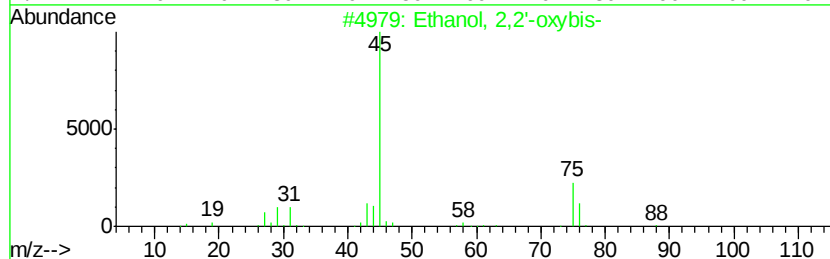
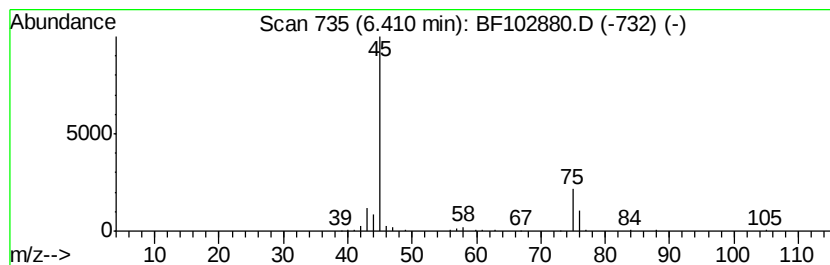
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2,2'-oxybis- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	3.30 ng	191752	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	83
2			2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	53
3			Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9
4			2-Hydrazinoethanol	76	C2H8N2O	000109-84-2	9
5			Isopropyl Alcohol	60	C3H8O	000067-63-0	9



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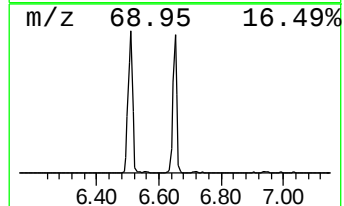
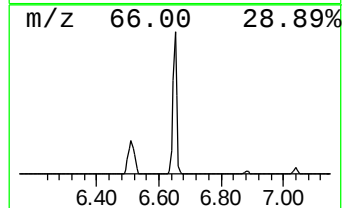
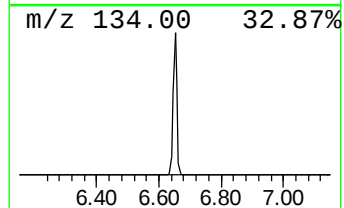
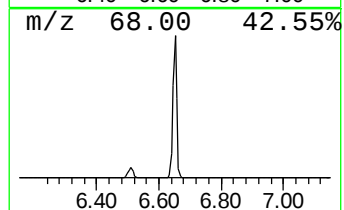
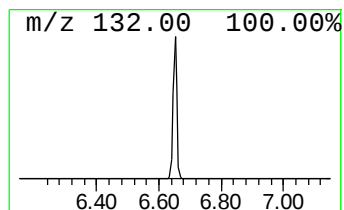
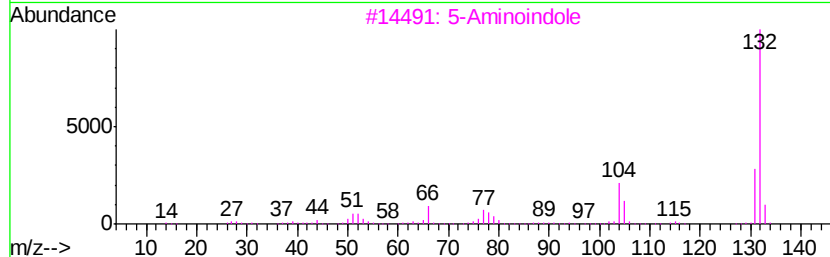
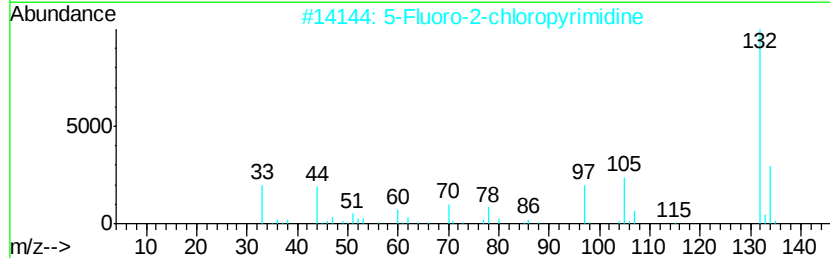
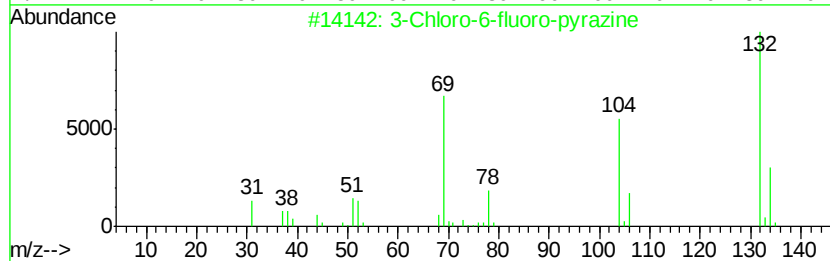
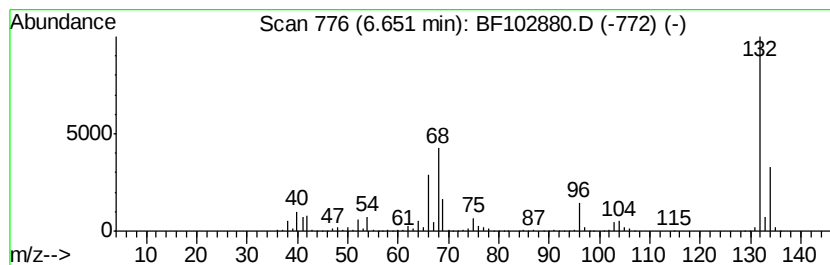
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Peak Number 4 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	41.76 ng	2426070	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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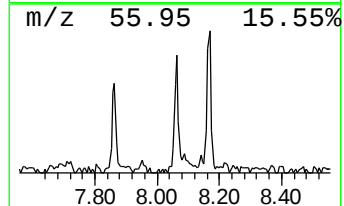
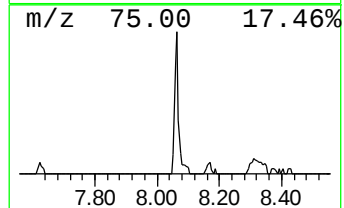
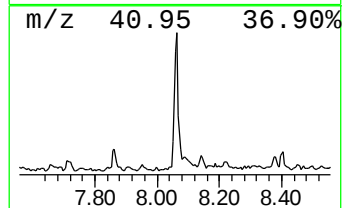
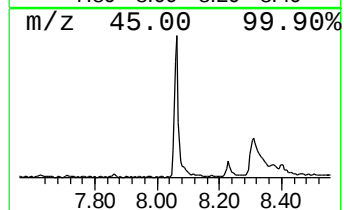
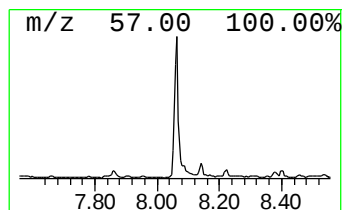
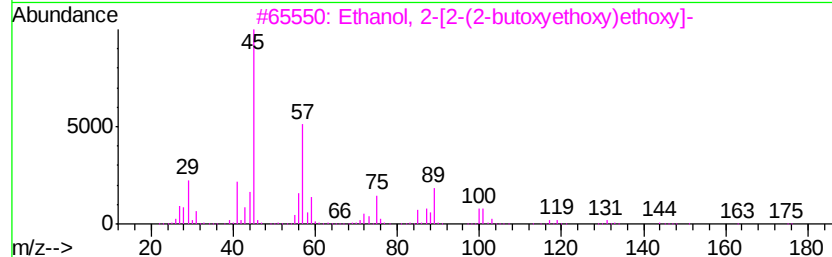
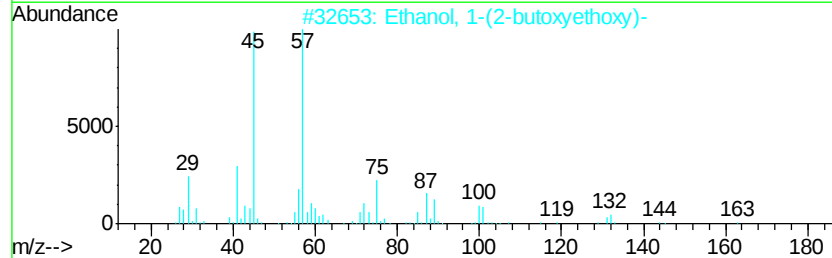
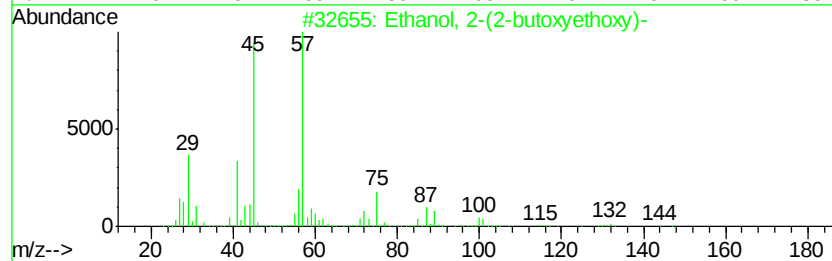
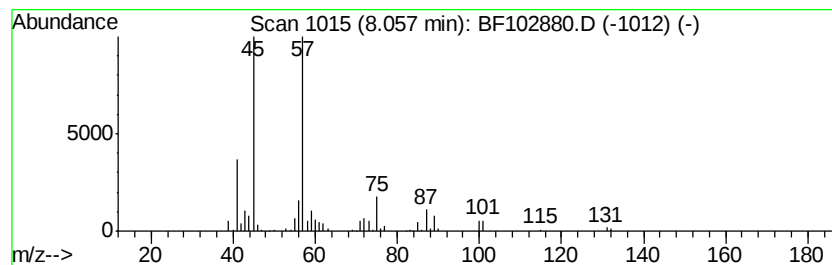
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	2.81 ng	207775	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2		Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	86
3		Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
4		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5		Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	53



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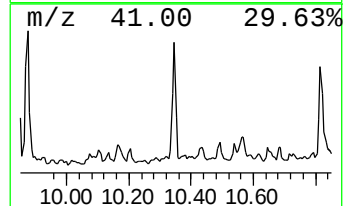
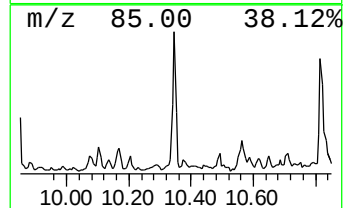
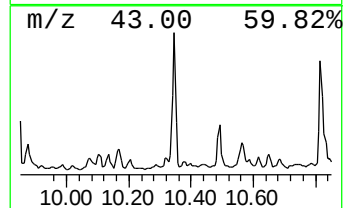
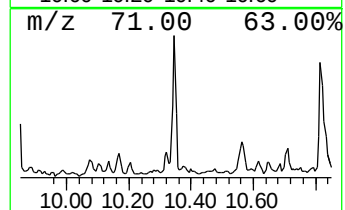
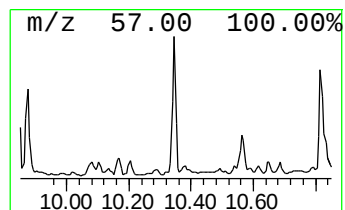
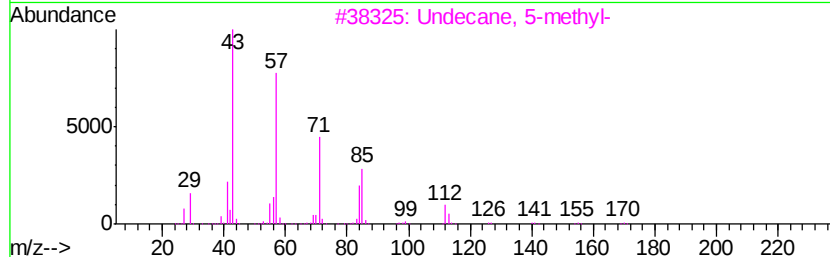
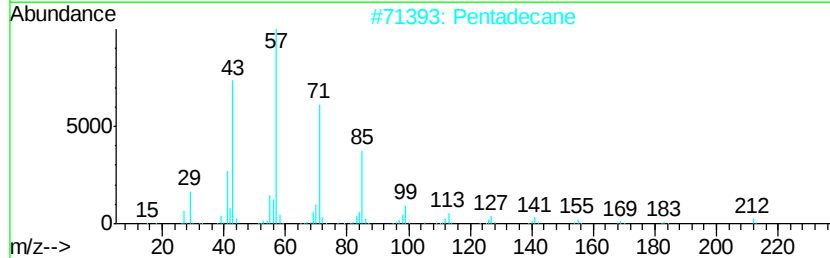
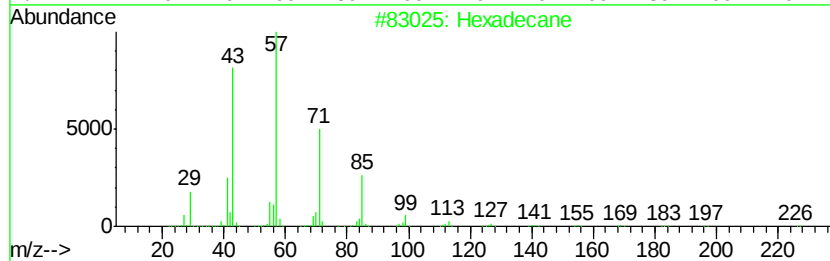
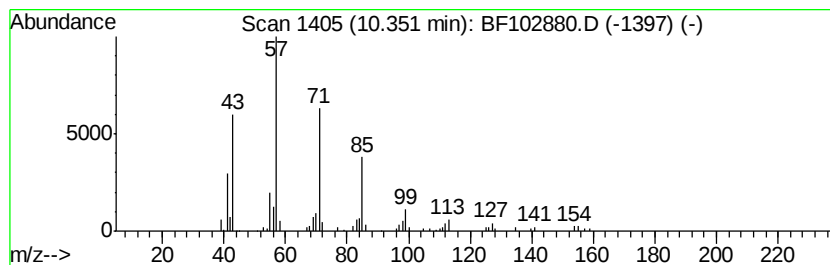
Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.87 ng	221374	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Pentadecane	212 C15H32	000629-62-9	90
3	Undecane, 5-methyl-	170 C12H26	001632-70-8	83
4	Tridecane	184 C13H28	000629-50-5	83
5	Undecane, 2-methyl-	170 C12H26	007045-71-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020918\
Data File : BF102880.D
Acq On : 9 Feb 2018 11:23
Operator : SJ/JU
Sample : J1493-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCA

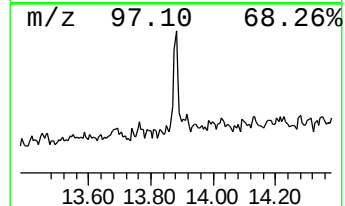
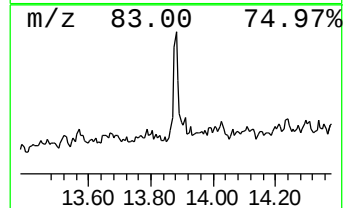
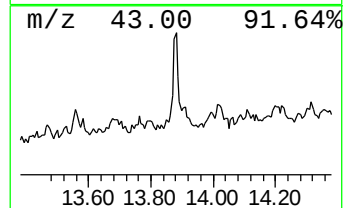
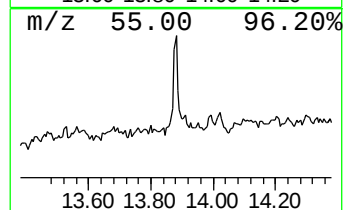
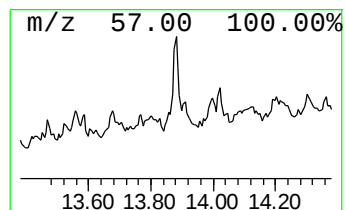
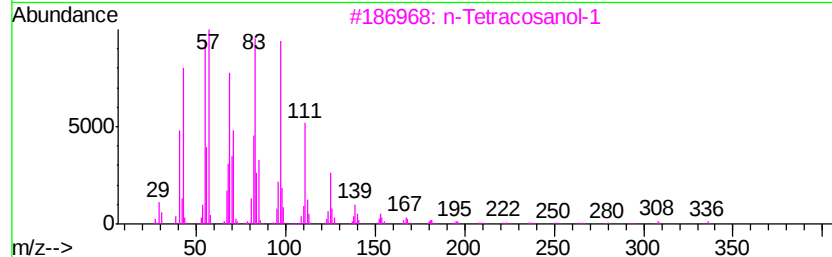
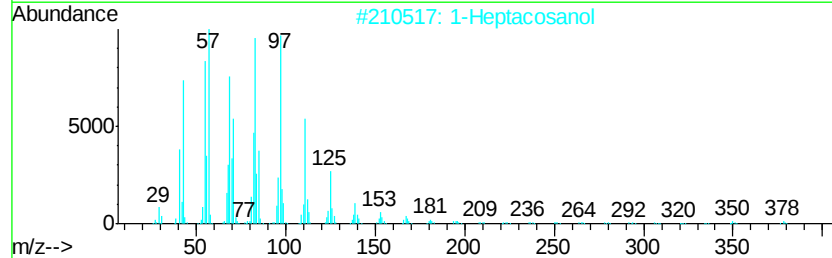
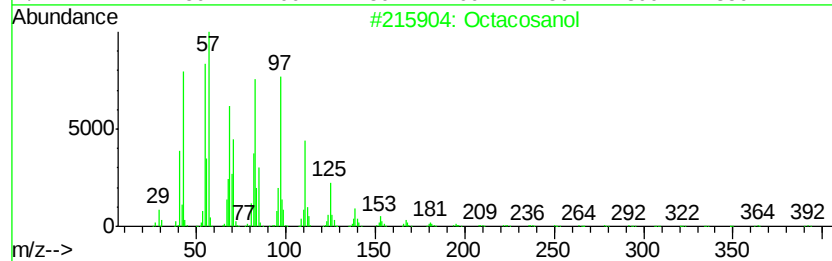
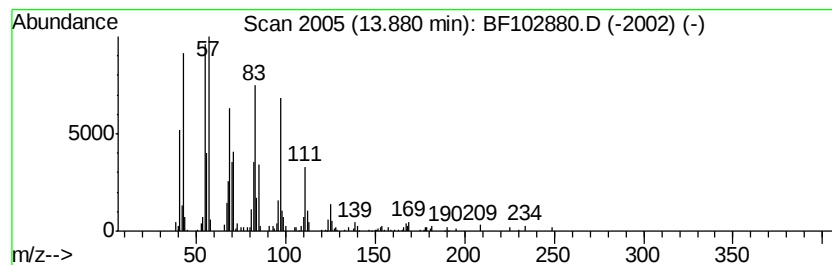
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	3.52 ng	163611	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	91
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020918\
Data File : BF102880.D
Acq On : 9 Feb 2018 11:23
Operator : SJ/JU
Sample : J1493-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.15	9.3	ng	542372	1	6.89	1161940	20.0
2-Pentanone, 4-hy...	5.13	138.5	ng	8047320	1	6.89	1161940	20.0
Ethanol, 2,2'-oxy...	6.41	3.3	ng	191752	1	6.89	1161940	20.0
unknown6.65	6.65	41.8	ng	2426070	1	6.89	1161940	20.0
Ethanol, 2-(2-but...	8.06	2.8	ng	207775	2	8.17	1476280	20.0
Hexadecane	10.35	2.9	ng	221374	3	9.92	1544870	20.0
Octacosanol	13.88	3.5	ng	163611	5	14.05	929722	20.0