

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083216.D
 Acq On : 23 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4512-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-DIRT-1

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-BF112115.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	4.787	242	245	260	rVB	1861654	2871865	56.92%	5.216%
2	5.244	283	285	288	rBV	4036627	4578588	90.75%	8.315%
3	6.307	376	378	381	rBV	3803218	5045509	100.00%	9.163%
4	6.410	385	387	390	rBV	3709594	4809204	95.32%	8.734%
5	6.639	404	407	410	rBV	1469969	1332983	26.42%	2.421%
6	6.799	418	421	423	rBV	3587783	3774765	74.81%	6.855%
7	7.210	454	457	460	rBV	3133625	3162756	62.68%	5.744%
8	7.930	517	520	524	rBV2	1689937	2002264	39.68%	3.636%
9	9.005	611	614	617	rBV	4469272	4887933	96.88%	8.877%
10	9.405	647	649	652	rBV	783017	784919	15.56%	1.425%
11	9.622	666	668	670	rBV	129272	144596	2.87%	0.263%
12	9.679	670	673	675	rBV	1495860	1782790	35.33%	3.238%
13	9.862	685	689	690	rBV	26906	53903	1.07%	0.098%
14	10.125	706	712	714	rBV	264513	274219	5.43%	0.498%
15	10.216	717	720	724	rVB3	33732	87791	1.74%	0.159%
16	10.342	728	731	732	rBV	122450	153566	3.04%	0.279%
17	10.456	739	741	744	rBV2	2123664	2878962	57.06%	5.228%
18	10.593	751	753	757	rBV	264814	306002	6.06%	0.556%
19	10.845	772	775	777	rVV3	35136	56205	1.11%	0.102%
20	10.913	779	781	784	rVB3	38227	52272	1.04%	0.095%
21	11.039	787	792	794	rBV2	176390	227221	4.50%	0.413%
22	11.153	799	802	805	rBV	1393249	1915538	37.97%	3.479%
23	11.222	805	808	811	rVB2	78906	121705	2.41%	0.221%
24	11.393	820	823	827	rBV2	49234	89276	1.77%	0.162%
25	11.462	827	829	833	rVV2	35748	53104	1.05%	0.096%
26	11.656	840	846	847	rBV2	58132	174332	3.46%	0.317%
27	11.679	847	848	849	rVV	97129	118661	2.35%	0.215%
28	11.702	849	850	854	rVV2	549104	624151	12.37%	1.134%
29	11.759	854	855	861	rVV2	126732	203465	4.03%	0.370%
30	11.873	863	865	869	rVV4	41711	80938	1.60%	0.147%
31	11.942	869	871	872	rVV	45039	61705	1.22%	0.112%
32	11.976	872	874	877	rVB2	48383	76136	1.51%	0.138%
33	12.193	891	893	895	rBV	76857	109272	2.17%	0.198%
34	12.354	905	907	909	rBV	621381	568302	11.26%	1.032%

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35	12.399	909	911	914	rVV3	57015	138196	2.74%	0.251%
36	12.479	917	918	922	rVV3	249906	368863	7.31%	0.670%
37	12.582	924	927	929	rVV	511009	671428	13.31%	1.219%
38	12.628	929	931	936	rVB4	46309	100695	2.00%	0.183%
39	12.731	938	940	943	rVV	3042297	3902625	77.35%	7.087%
40	12.799	943	946	948	rVV3	36647	66324	1.31%	0.120%
41	12.914	952	956	958	rVB2	68495	134505	2.67%	0.244%
42	12.982	958	962	963	rBV2	63686	112885	2.24%	0.205%
43	13.016	963	965	969	rVV3	64117	121462	2.41%	0.221%
44	13.131	974	975	979	rBV	35580	66218	1.31%	0.120%
45	13.211	980	982	985	rVB	117694	148319	2.94%	0.269%
46	13.416	999	1000	1004	rVB2	39915	54381	1.08%	0.099%
47	13.519	1007	1009	1011	rBV2	55352	98535	1.95%	0.179%
48	13.645	1017	1020	1024	rBV2	219955	332196	6.58%	0.603%
49	13.771	1028	1031	1037	rBV2	1424876	1928327	38.22%	3.502%
50	13.874	1037	1040	1042	rBV3	46851	91778	1.82%	0.167%
51	14.159	1063	1065	1067	rBV	44896	58481	1.16%	0.106%
52	14.274	1073	1075	1079	rVB2	132484	223438	4.43%	0.406%
53	14.628	1104	1106	1110	rVB	55560	58343	1.16%	0.106%
54	14.685	1110	1111	1113	rBV2	84857	82309	1.63%	0.149%
55	14.765	1116	1118	1122	rBV	240595	438074	8.68%	0.796%
56	14.857	1124	1126	1127	rBV	159435	173514	3.44%	0.315%
57	15.028	1139	1141	1144	rVB	154108	194123	3.85%	0.353%
58	15.085	1144	1146	1148	rBV	180214	244750	4.85%	0.444%
59	15.142	1148	1151	1153	rBV	759453	1120106	22.20%	2.034%
60	15.554	1185	1187	1190	rBV	158232	246447	4.88%	0.448%
61	16.228	1244	1246	1252	rVB3	52554	109053	2.16%	0.198%
62	16.388	1258	1260	1265	rVB2	84165	172580	3.42%	0.313%
63	16.765	1290	1293	1296	rBV	75555	140721	2.79%	0.256%

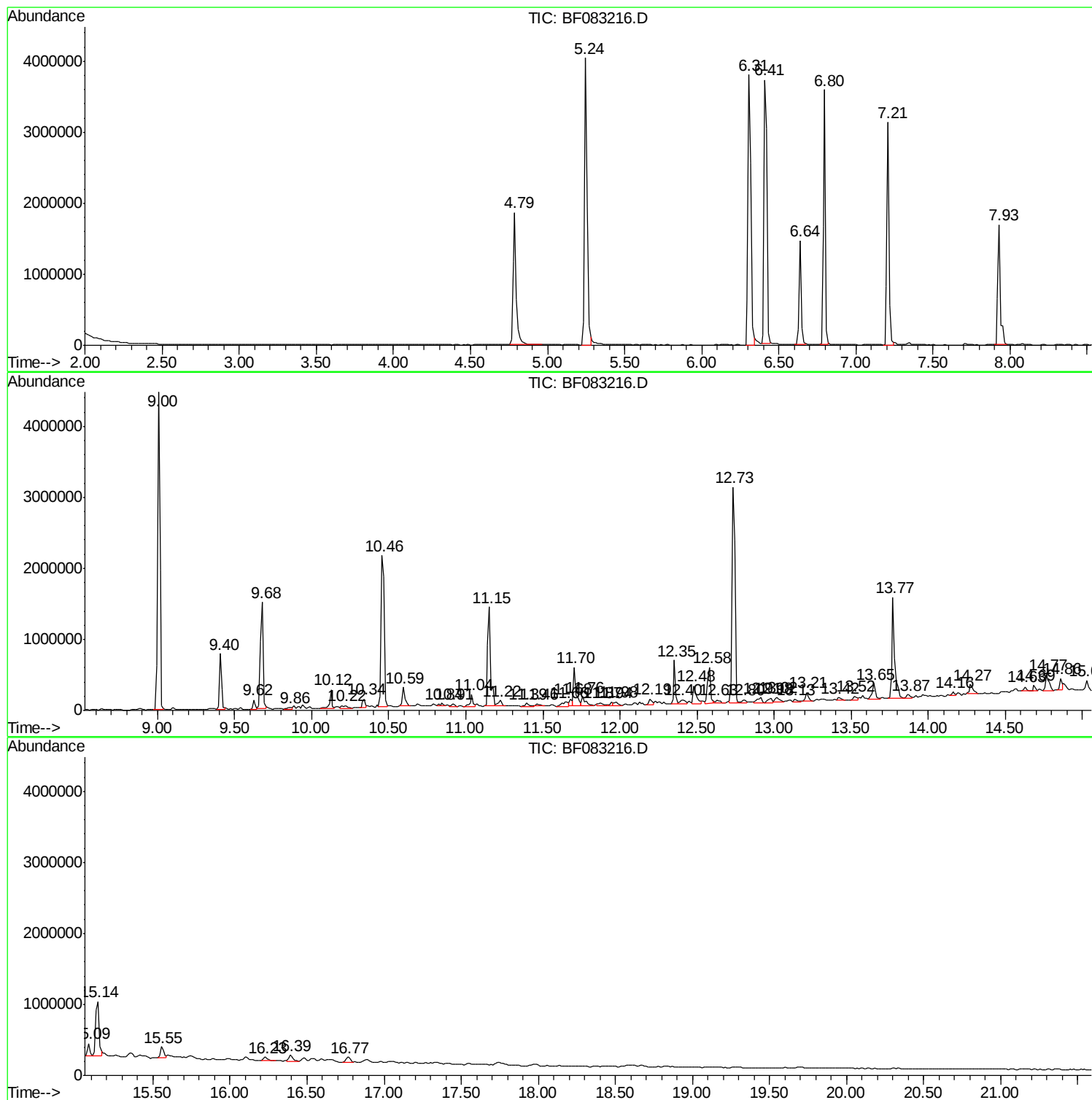
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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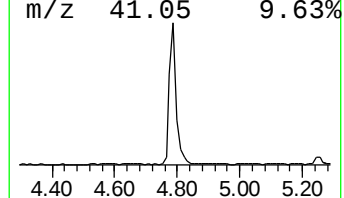
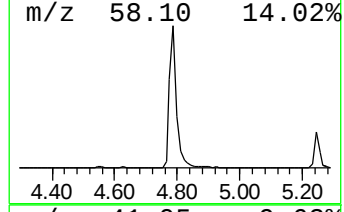
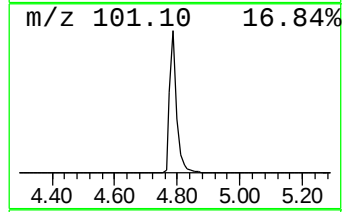
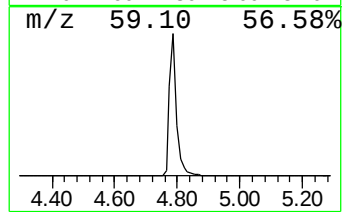
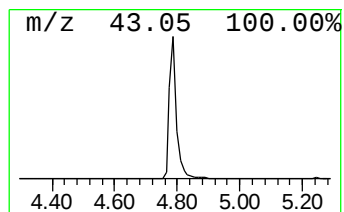
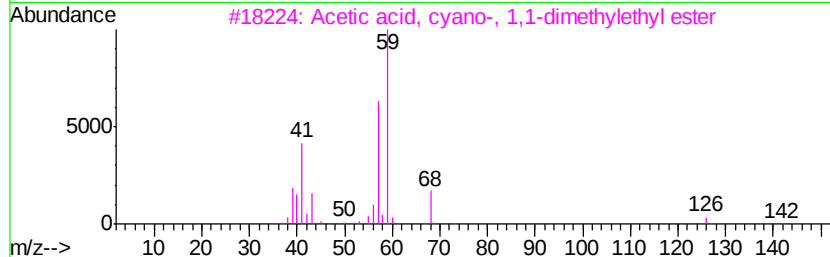
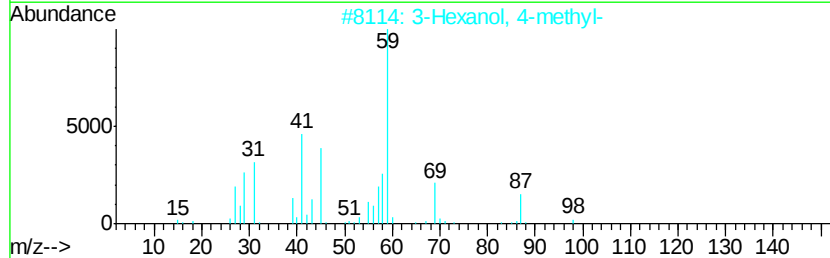
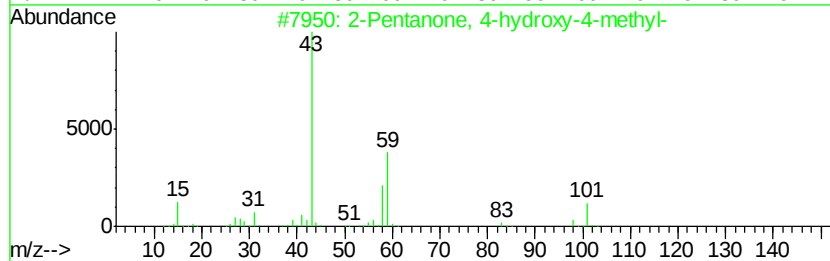
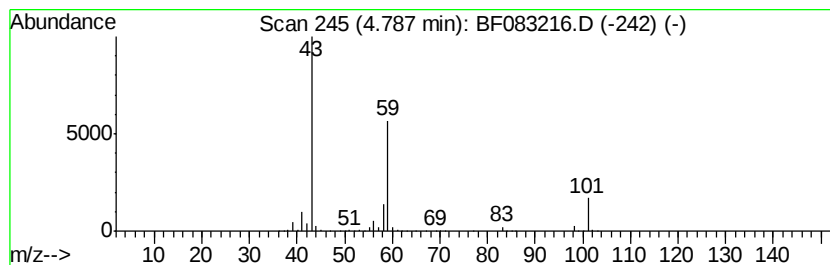
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	43.09 ng	2871870	1,4-Dichlorobenzene-d4	6.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9



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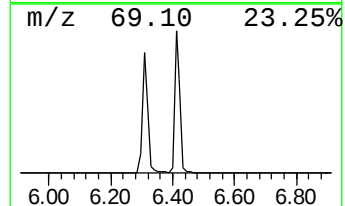
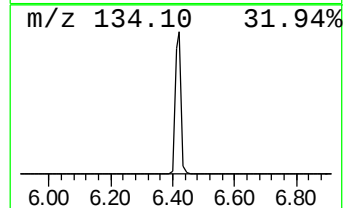
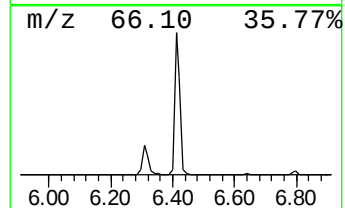
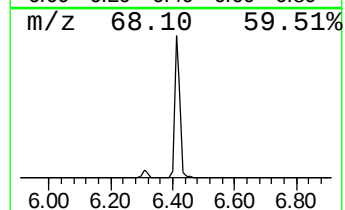
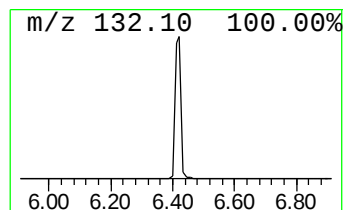
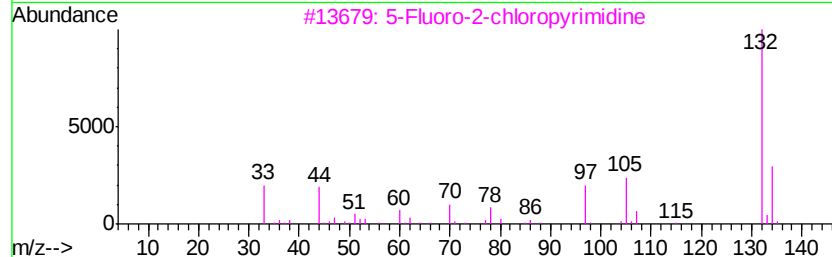
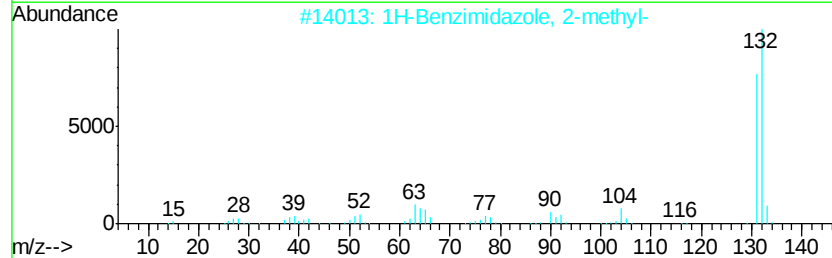
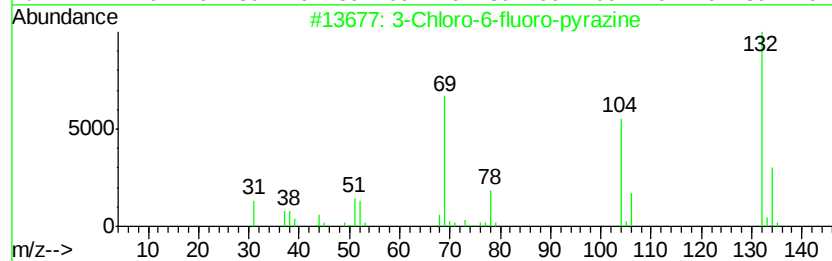
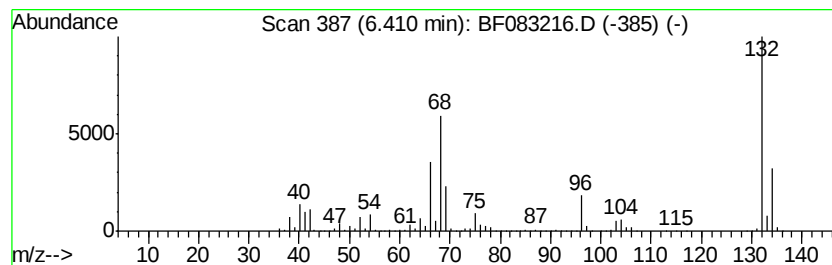
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	72.16 ng	4809200	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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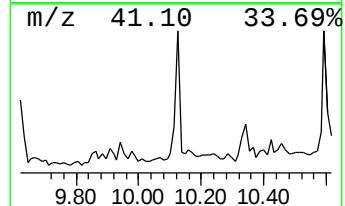
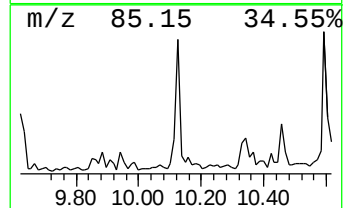
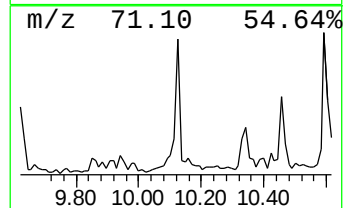
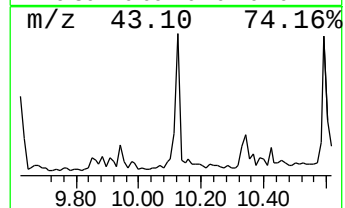
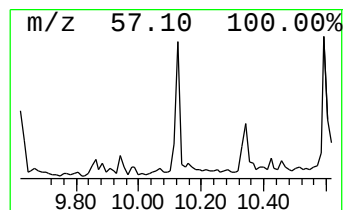
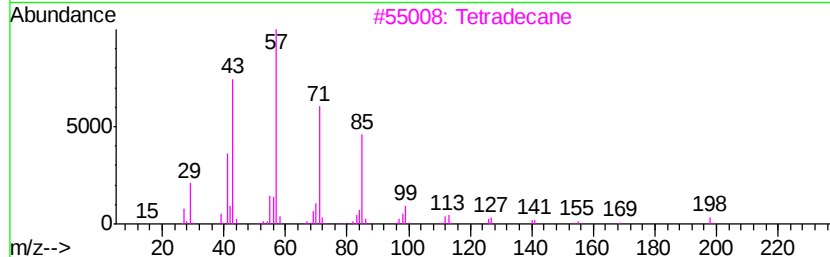
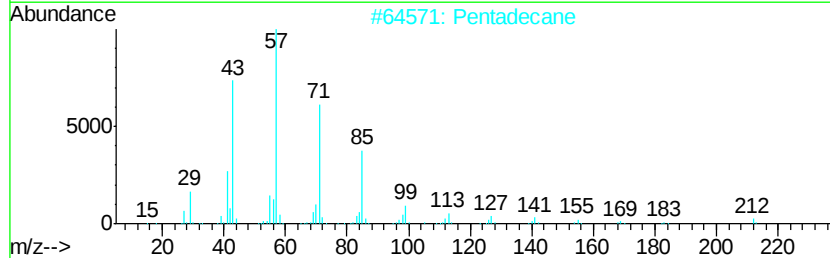
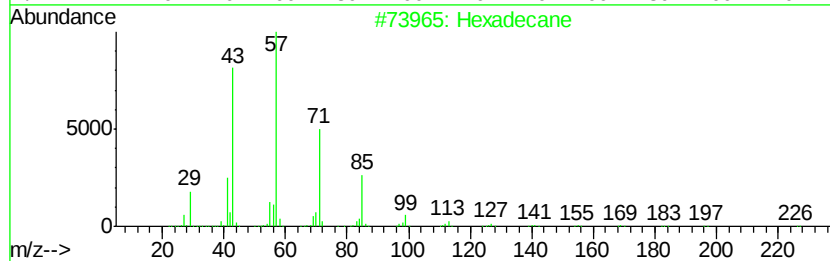
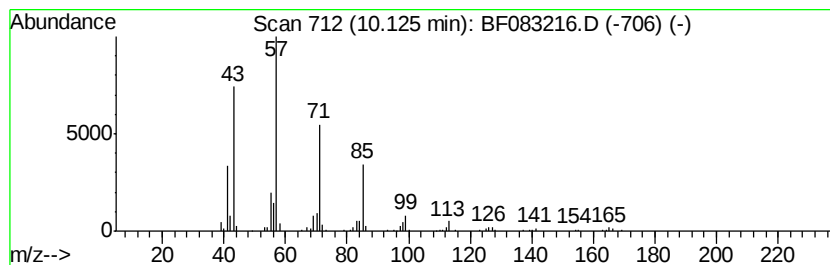
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	3.08 ng	274219	Acenaphthene-d10	9.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Tetradecane		198	C14H30	000629-59-4	83
4	Tridecane		184	C13H28	000629-50-5	78
5	Heptadecane, 2,6,10,14-tetramethyl-		296	C21H44	018344-37-1	72



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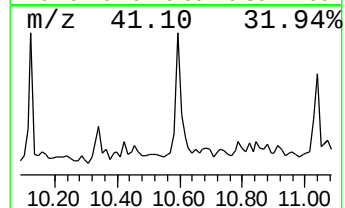
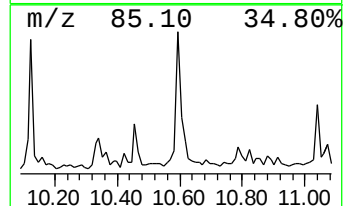
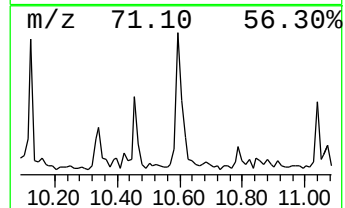
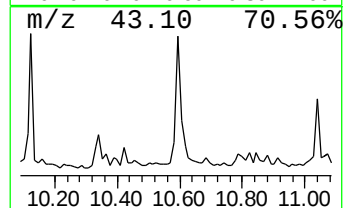
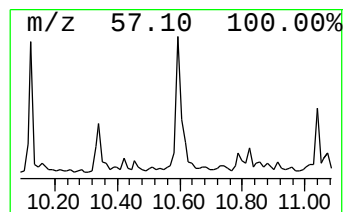
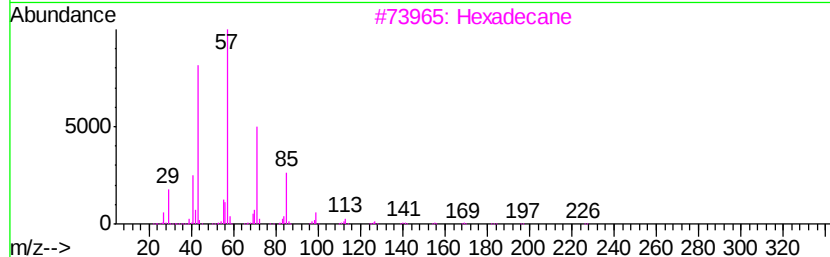
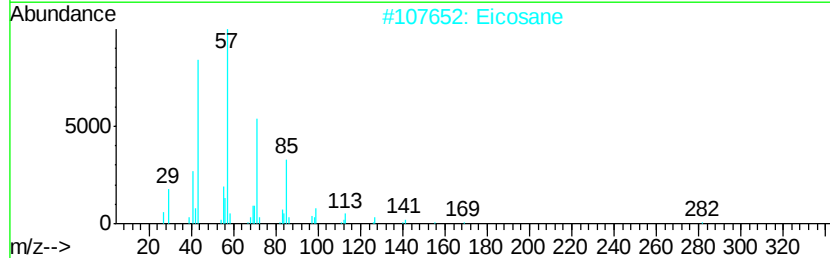
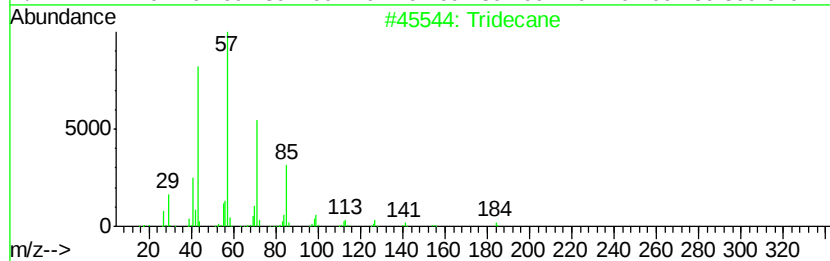
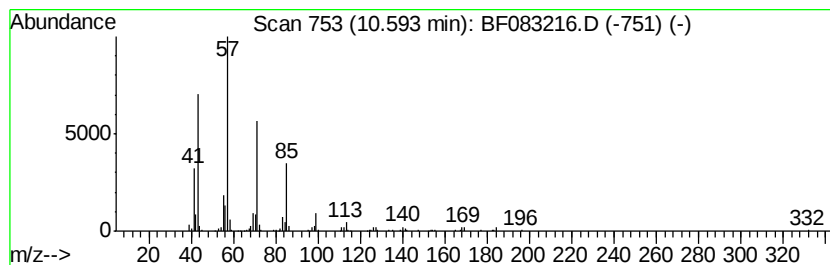
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.19 ng	306002	Phenanthrene-d10	11.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	94
2	Eicosane		282	C20H42	000112-95-8	91
3	Hexadecane		226	C16H34	000544-76-3	91
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
5	Tetradecane		198	C14H30	000629-59-4	80



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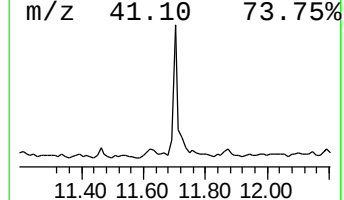
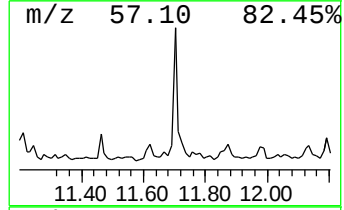
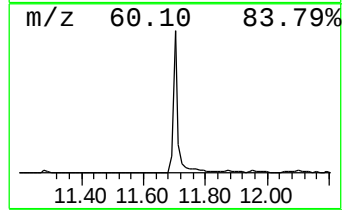
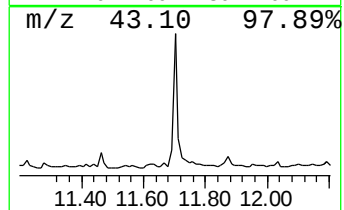
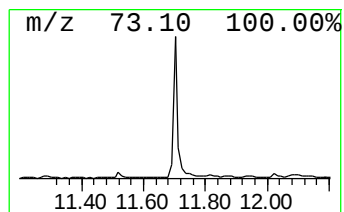
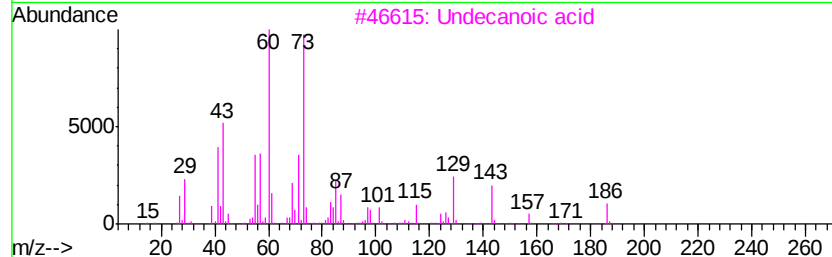
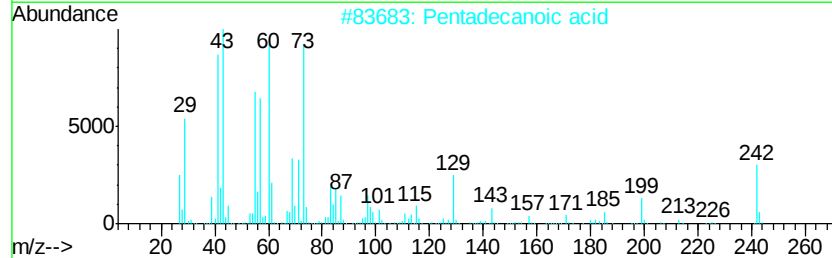
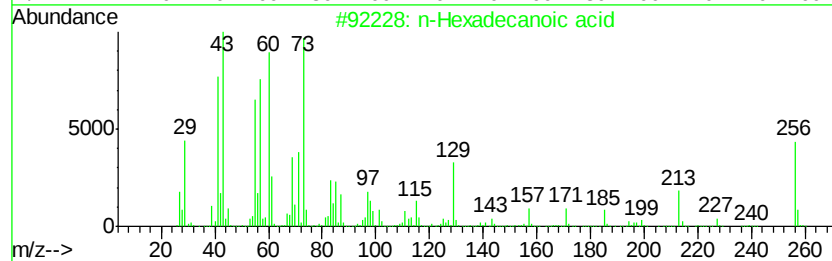
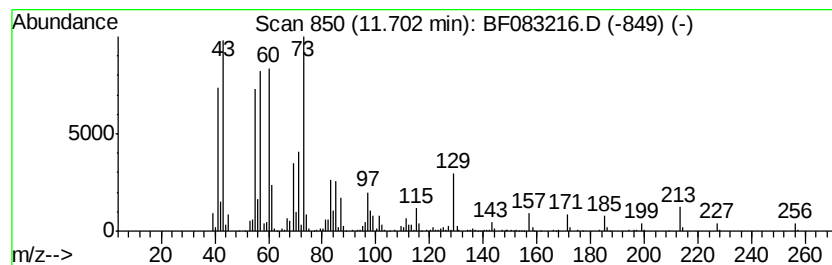
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.70	6.52 ng	624151	Phenanthrene-d10		11.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Undecanoic acid	186	C11H22O2	000112-37-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Pentadecane	212	C15H32	000629-62-9	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083216.D
Acq On : 23 Nov 2015 21:08
Operator : UM/IZ
Sample : G4512-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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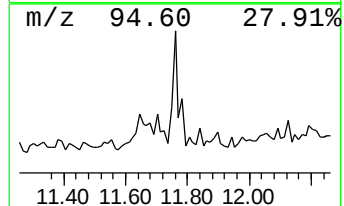
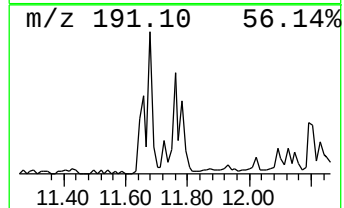
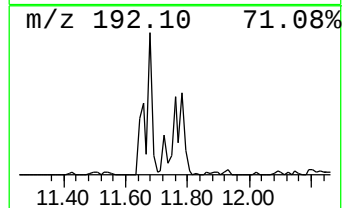
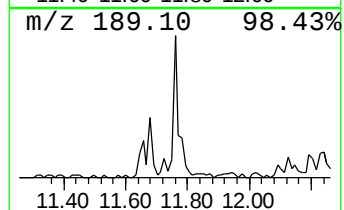
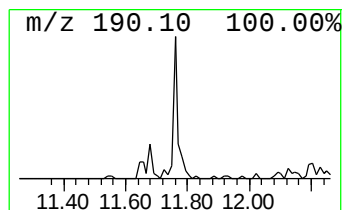
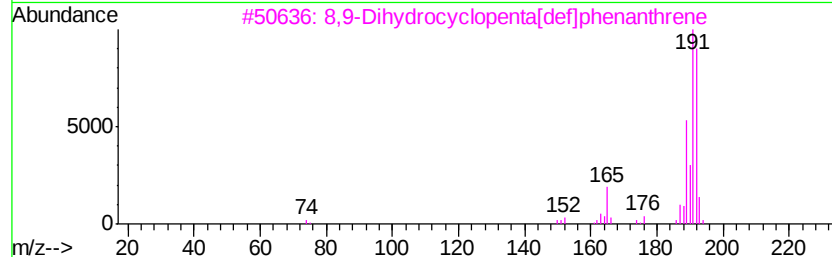
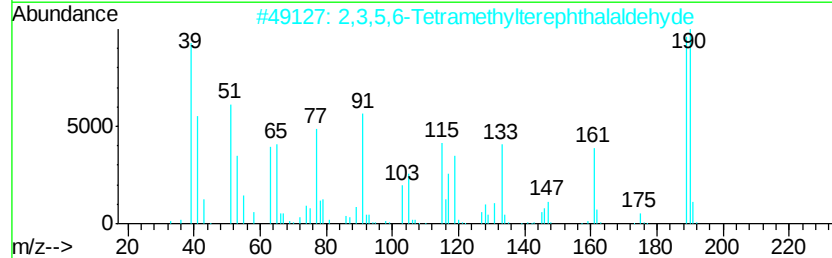
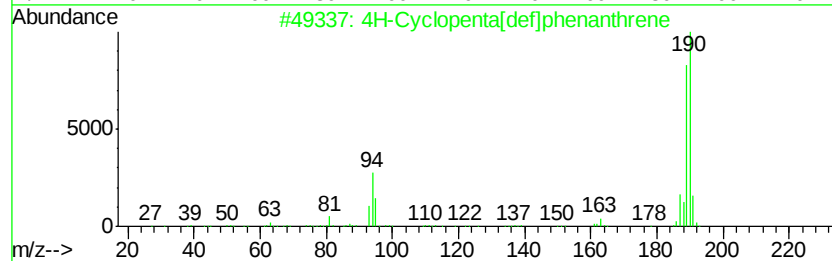
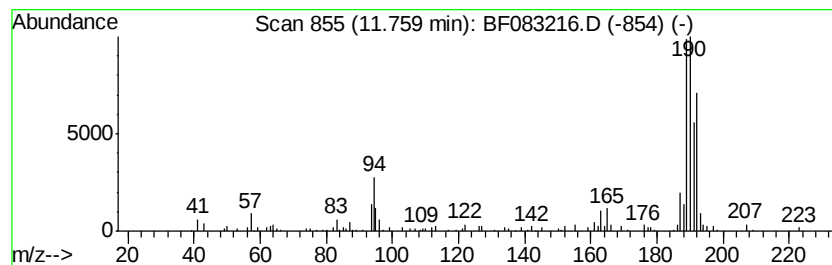
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.12 ng	203465	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
4		5-Bromofuroic acid	190	C5H3BrO3	000585-70-6	30
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083216.D
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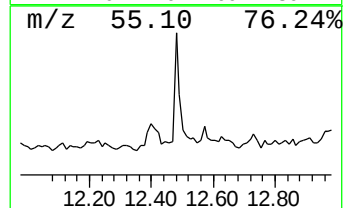
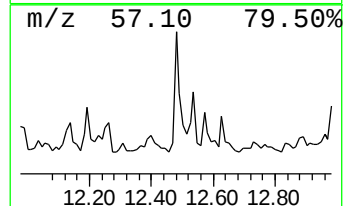
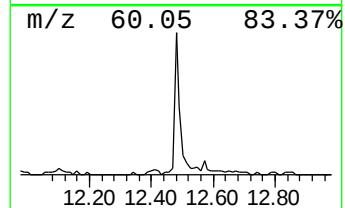
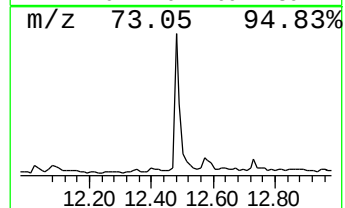
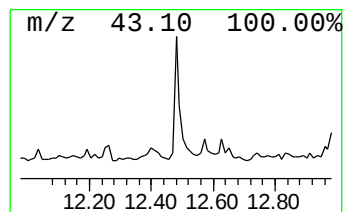
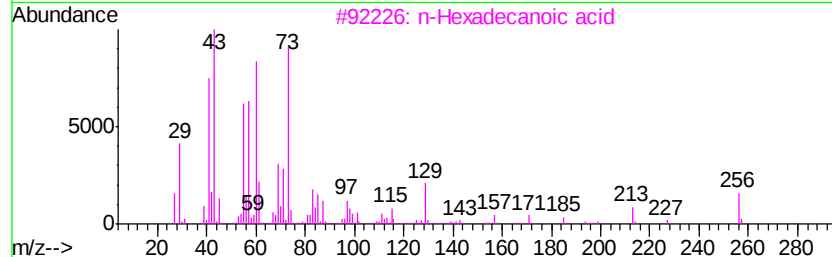
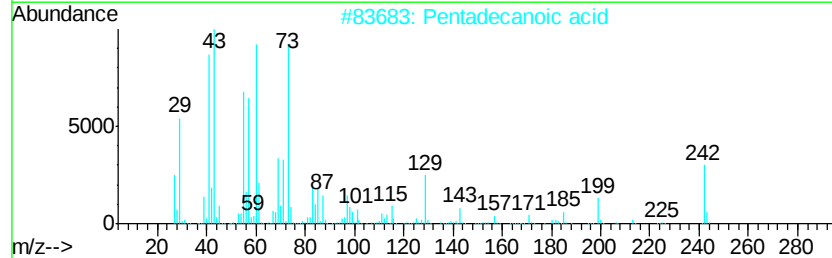
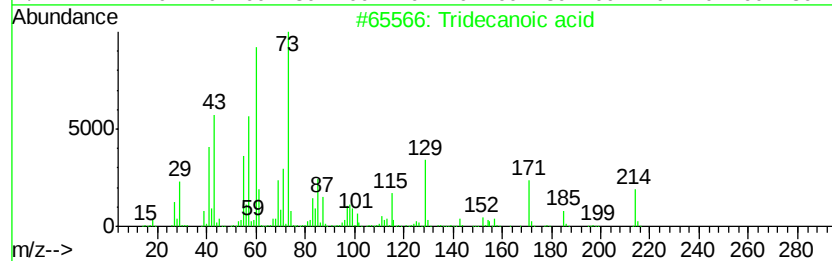
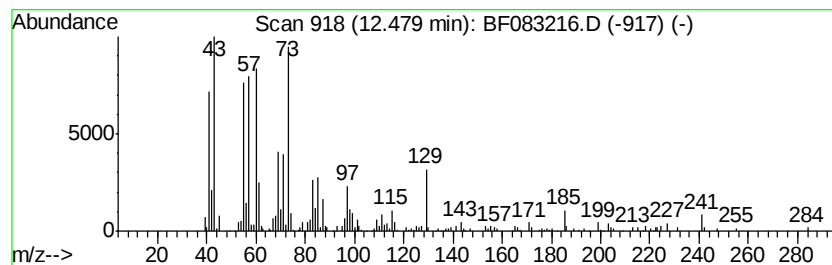
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.83 ng	368863	Chrysene-d12	13.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	90
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4			2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	25
5			12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083216.D
Acq On : 23 Nov 2015 21:08
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Misc :
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ClientSampleId :
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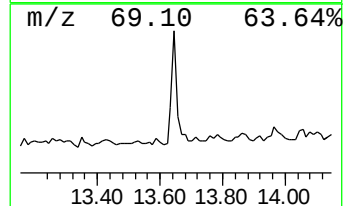
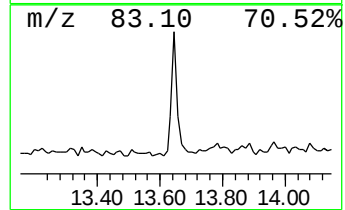
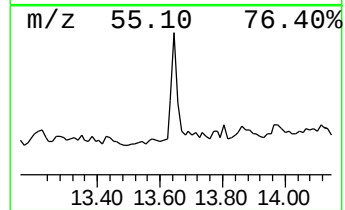
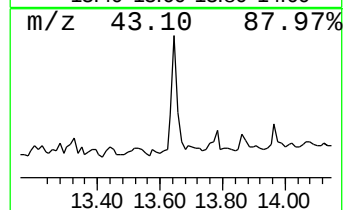
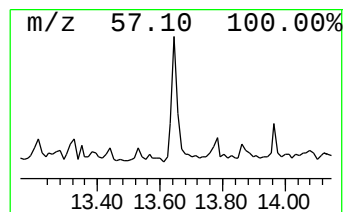
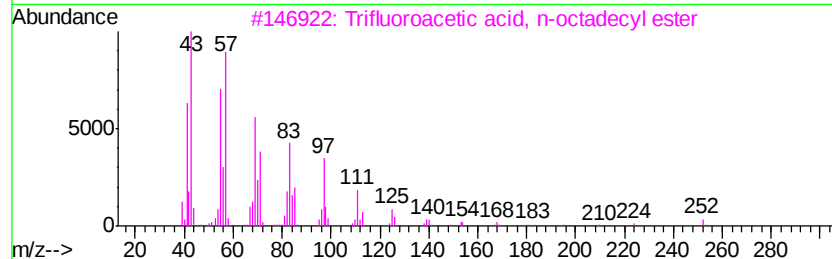
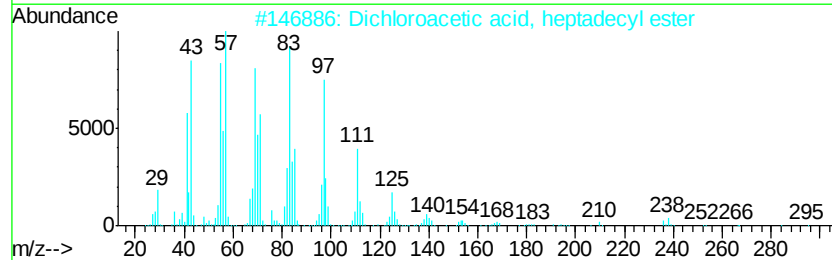
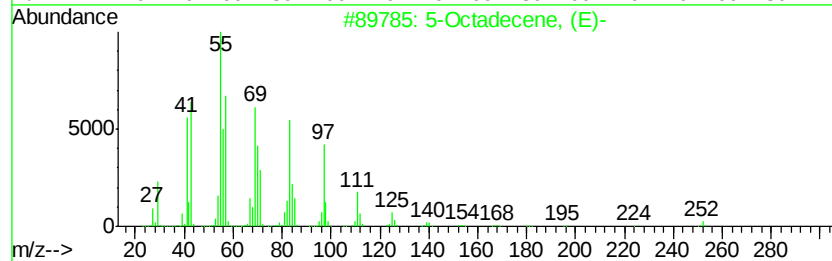
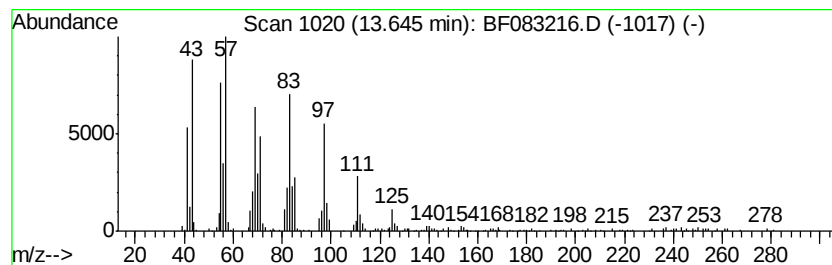
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5-Octadecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.45 ng	332196	Chrysene-d12	13.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3			Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
4			Pentafluoropropionic acid, octadecyl...	416	C21H37F5O2	1000280-07-7	91
5			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
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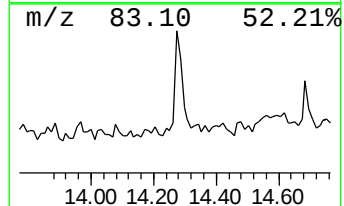
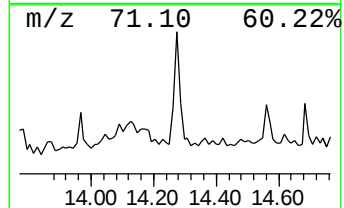
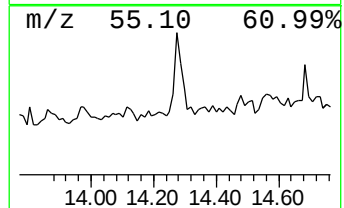
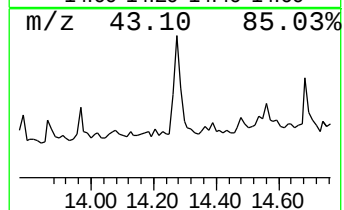
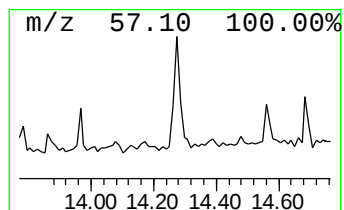
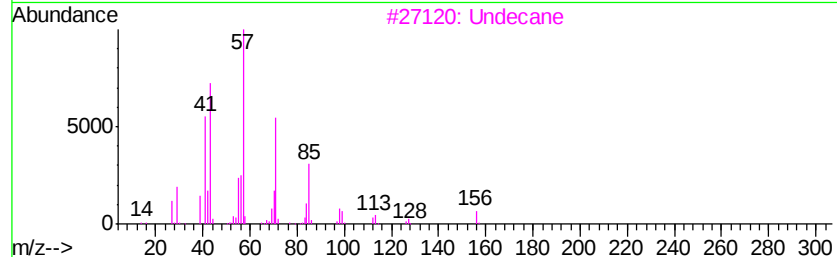
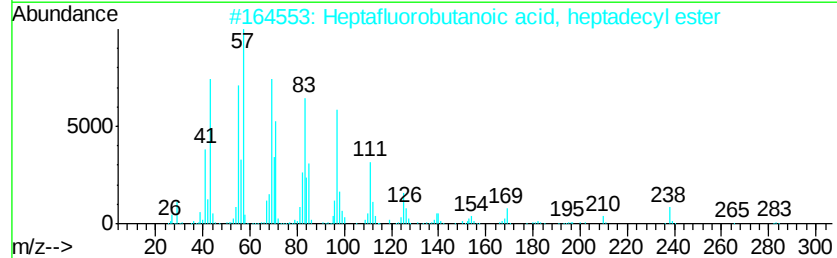
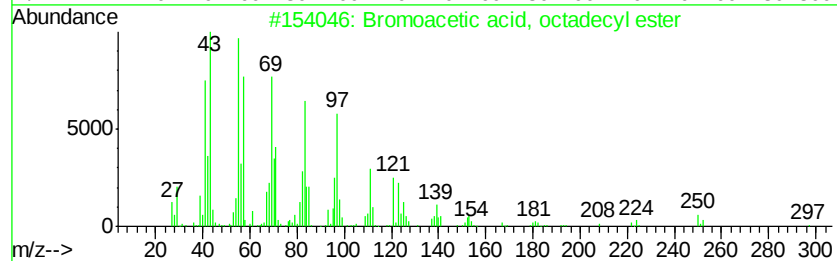
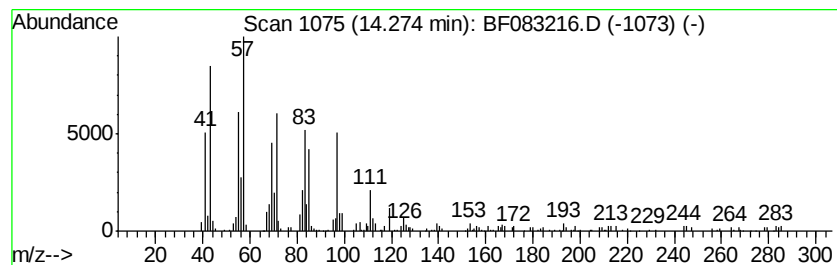
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Bromoacetic acid, octadecyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.32 ng	223438	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	53
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	53
3		Undecane	156	C11H24	001120-21-4	46
4		1,2-Octadecanediol	286	C18H38O2	020294-76-2	43
5		Tetradecane	198	C14H30	000629-59-4	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
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Acq On : 23 Nov 2015 21:08
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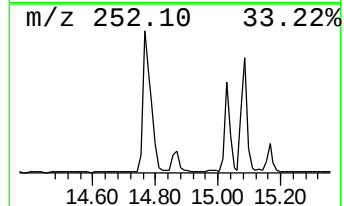
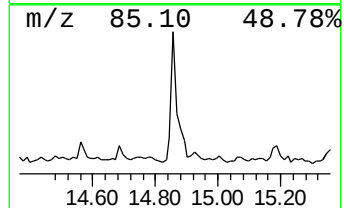
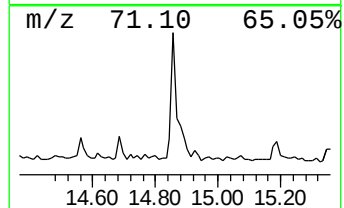
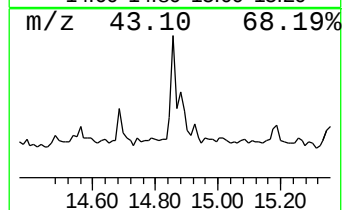
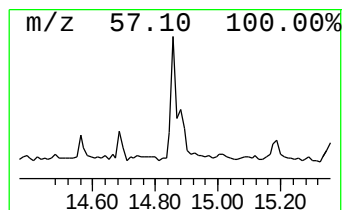
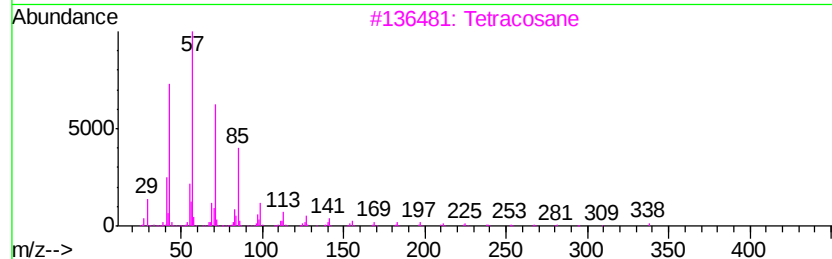
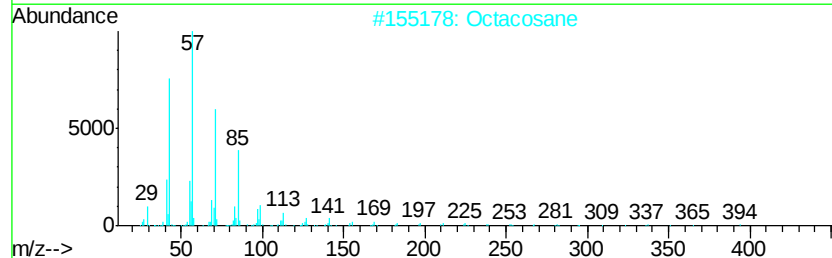
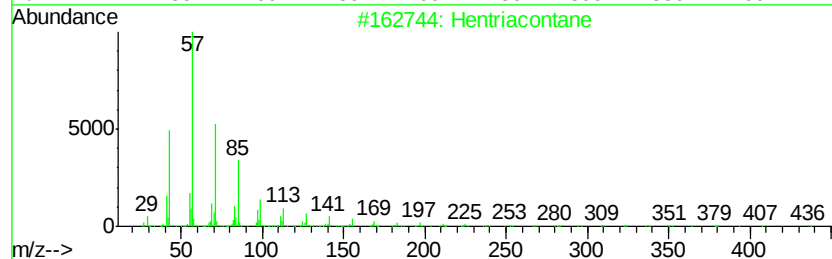
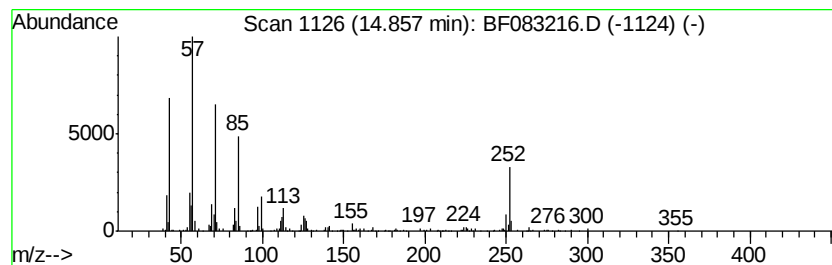
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.10 ng	173514	Perylene-d12	15.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	74
2			Octacosane	394	C28H58	000630-02-4	74
3			Tetracosane	338	C24H50	000646-31-1	72
4			Nonacosane	408	C29H60	000630-03-5	72
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
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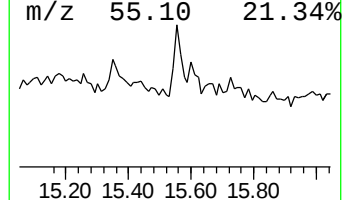
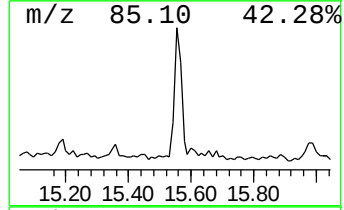
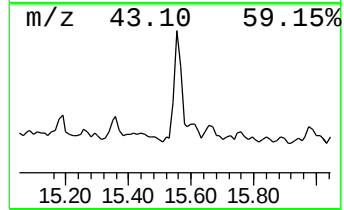
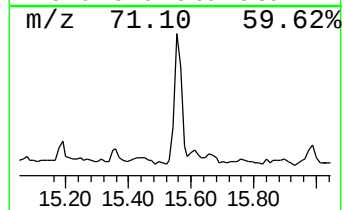
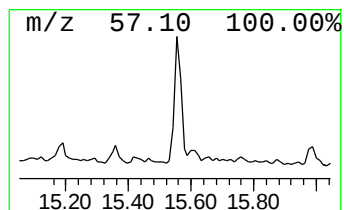
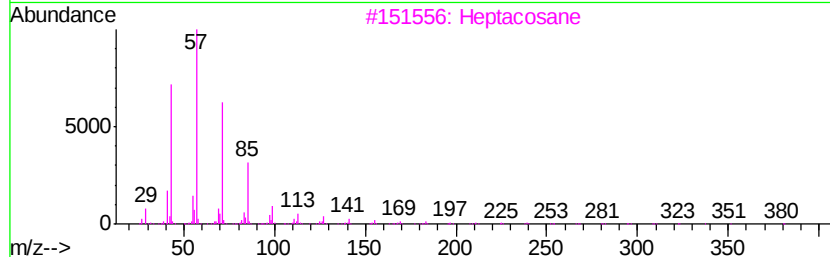
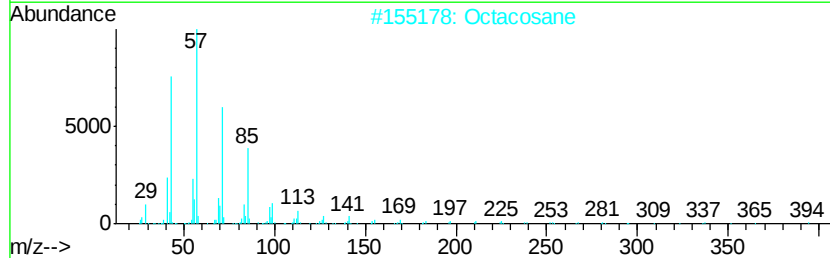
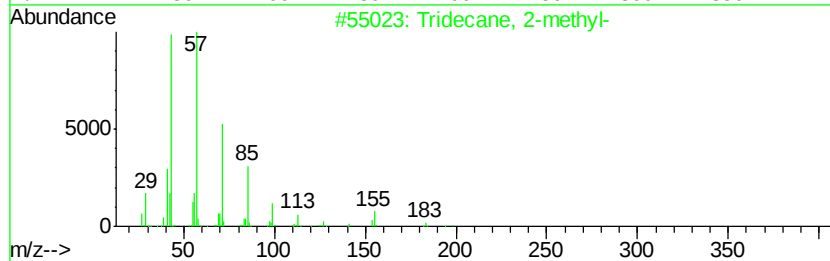
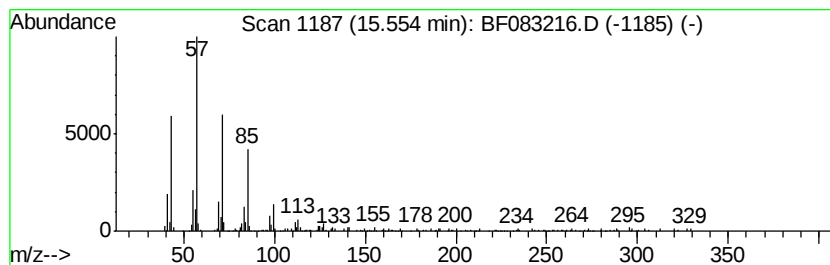
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	4.40 ng	246447	Perylene-d12	15.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
2		Octacosane	394	C28H58	000630-02-4	83
3		Heptacosane	380	C27H56	000593-49-7	83
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083216.D
Acq On : 23 Nov 2015 21:08
Operator : UM/IZ
Sample : G4512-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILL-DIRT-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.79	43.1	ng	2871870	1	6.64	1332980	20.0
unknown6.41	6.41	72.2	ng	4809200	1	6.64	1332980	20.0
Hexadecane	10.12	3.1	ng	274219	3	9.68	1782790	20.0
Tridecane	10.59	3.2	ng	306002	4	11.15	1915540	20.0
n-Hexadecanoic acid	11.70	6.5	ng	624151	4	11.15	1915540	20.0
4H-Cyclopenta[def...	11.76	2.1	ng	203465	4	11.15	1915540	20.0
Tridecanoic acid	12.48	3.8	ng	368863	5	13.77	1928330	20.0
5-Octadecene, (E)-	13.65	3.5	ng	332196	5	13.77	1928330	20.0
Bromoacetic acid,...	14.27	2.3	ng	223438	5	13.77	1928330	20.0
Hentriacontane	14.86	3.1	ng	173514	6	15.14	1120110	20.0
Tridecane, 2-methyl-	15.55	4.4	ng	246447	6	15.14	1120110	20.0