

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083137.D
 Acq On : 22 Nov 2015 4:32
 Operator : UM/IZ
 Sample : G4480-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY SF_002-SPLPSVOC1

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	4.810	244	247	263	rBV	977936	1345700	19.70%	2.383%
2	5.256	284	286	296	rBV	2655769	2715704	39.76%	4.808%
3	6.307	377	378	384	rBV	1289107	1797012	26.31%	3.182%
4	6.422	386	388	391	rBV	4193479	4638377	67.91%	8.212%
5	6.650	406	408	411	rBV	1431509	1274973	18.67%	2.257%
6	6.810	419	422	424	rBV	4788934	4803783	70.33%	8.505%
7	7.222	455	458	461	rBV	3614969	3928686	57.52%	6.956%
8	7.359	468	470	473	rBV2	63739	113417	1.66%	0.201%
9	7.942	518	521	531	rVB2	1500846	2067162	30.26%	3.660%
10	8.650	581	583	585	rVV	85656	91315	1.34%	0.162%
11	8.753	589	592	594	rVB	116003	125282	1.83%	0.222%
12	9.016	612	615	618	rVV	5176488	6830642	100.00%	12.094%
13	9.348	642	644	646	rBV	41919	72022	1.05%	0.128%
14	9.416	649	650	653	rBV	244983	318290	4.66%	0.564%
15	9.691	671	674	675	rBV	1558758	1845699	27.02%	3.268%
16	9.713	675	676	679	rVV	518608	580750	8.50%	1.028%
17	9.759	679	680	683	rVB	79169	75296	1.10%	0.133%
18	9.896	689	692	693	rBV	306056	404596	5.92%	0.716%
19	9.919	693	694	700	rVB2	38810	77737	1.14%	0.138%
20	10.136	706	713	715	rBV3	102031	161954	2.37%	0.287%
21	10.228	719	721	724	rVB	634353	607833	8.90%	1.076%
22	10.479	740	743	745	rBV	3240265	4347082	63.64%	7.697%
23	10.605	752	754	758	rBV	138092	157605	2.31%	0.279%
24	10.971	784	786	789	rVV	533629	490849	7.19%	0.869%
25	11.051	791	793	798	rVB2	171642	260365	3.81%	0.461%
26	11.165	800	803	807	rVV2	1862864	3174103	46.47%	5.620%
27	11.222	807	808	812	rVB2	179870	233203	3.41%	0.413%
28	11.405	821	824	828	rVB	210585	315192	4.61%	0.558%
29	11.474	828	830	832	rBV	88489	101315	1.48%	0.179%
30	11.714	849	851	855	rBV3	774584	1055912	15.46%	1.869%
31	11.771	855	856	862	rVB2	82606	117704	1.72%	0.208%
32	11.885	862	866	868	rVB	43289	73392	1.07%	0.130%
33	11.976	868	874	878	rBV4	126475	240588	3.52%	0.426%
34	12.365	906	908	910	rBV	157785	160424	2.35%	0.284%

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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

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35	12.399	910	911	916	rVV2	76064	164306	2.41%	0.291%
36	12.502	918	920	925	rVV	575465	820282	12.01%	1.452%
37	12.594	925	928	931	rVB2	92745	119074	1.74%	0.211%
38	12.754	939	942	944	rBV	6069588	6796772	99.50%	12.034%
39	13.668	1019	1022	1026	rBV	386689	629571	9.22%	1.115%
40	13.782	1030	1032	1035	rBV	1751301	1735668	25.41%	3.073%
41	15.154	1149	1152	1155	rBV	1053042	1455423	21.31%	2.577%
42	15.634	1191	1194	1201	rVB4	55705	156203	2.29%	0.277%

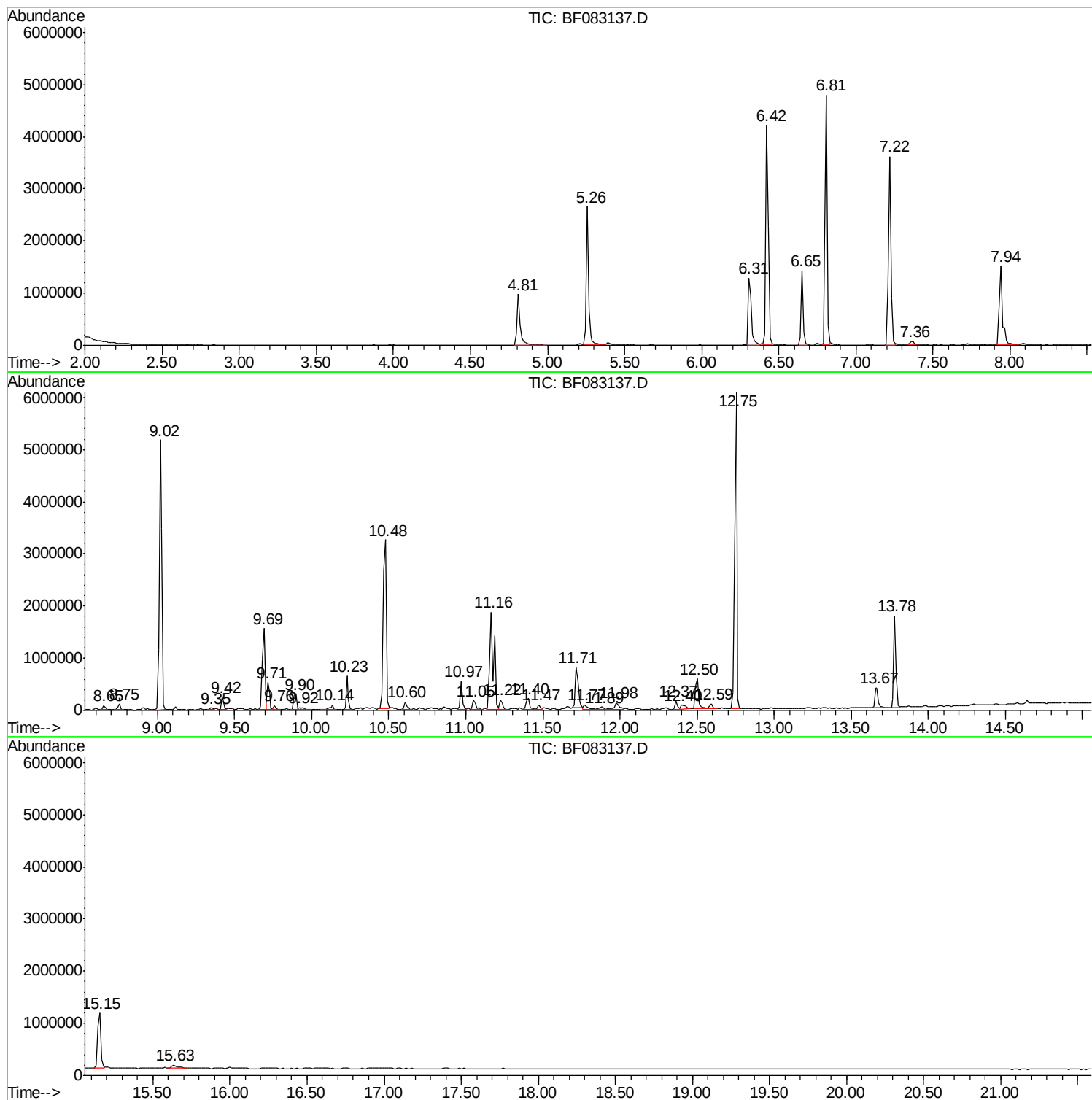
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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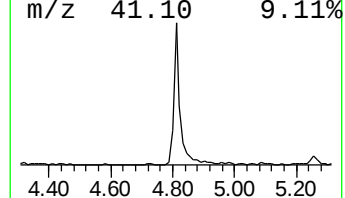
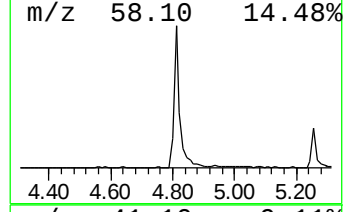
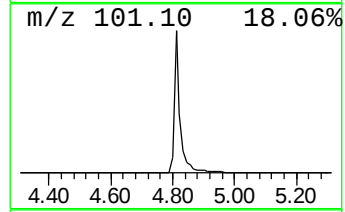
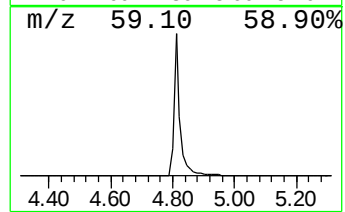
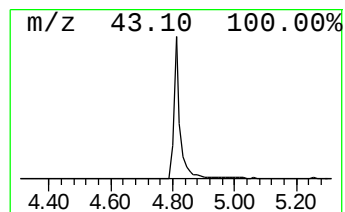
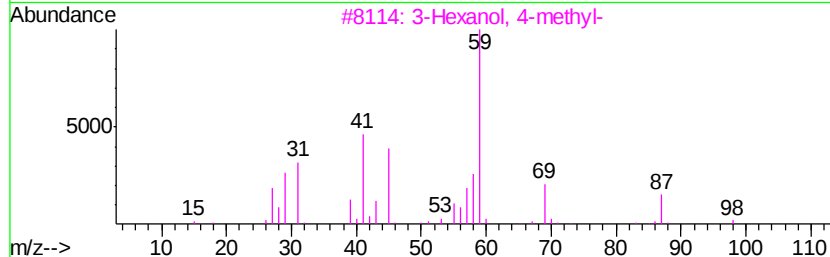
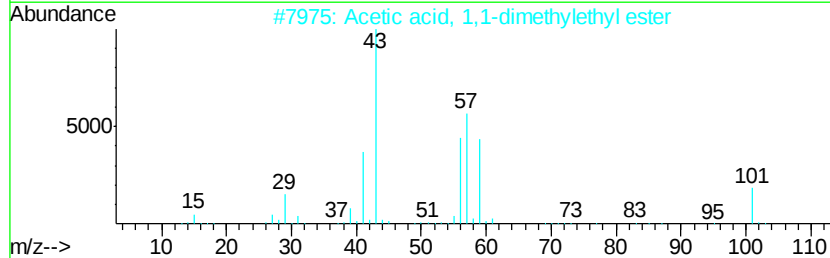
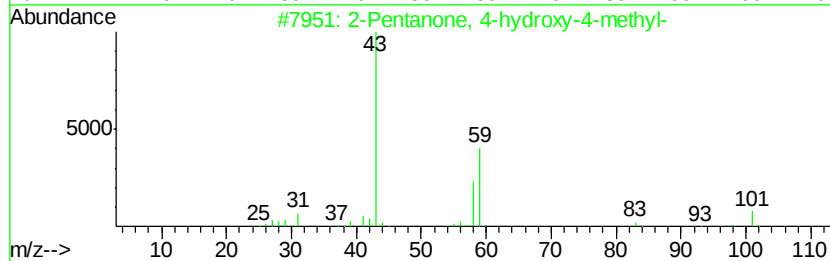
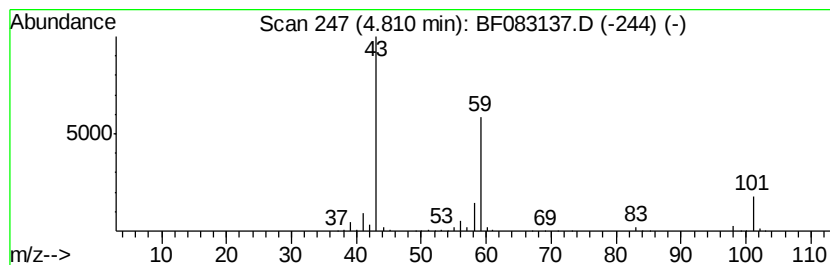
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.81	21.11 ng	1345700	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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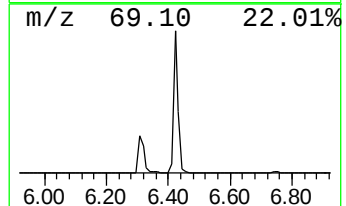
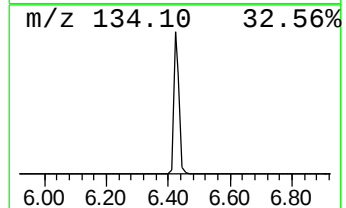
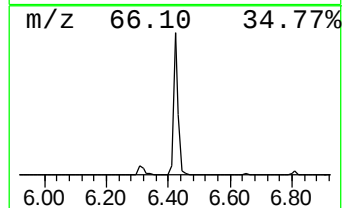
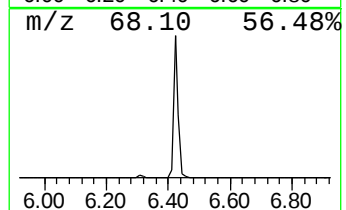
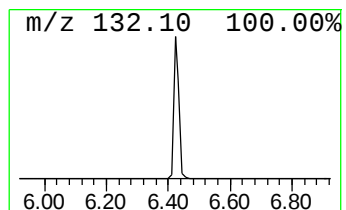
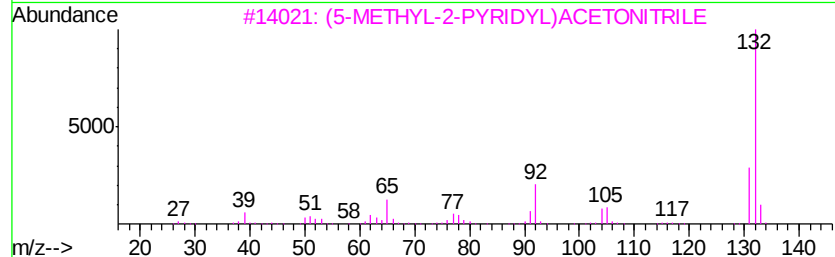
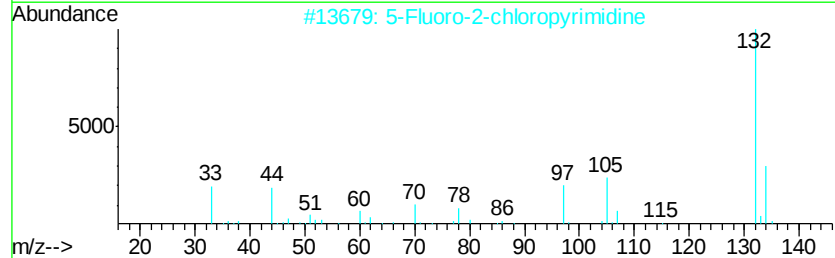
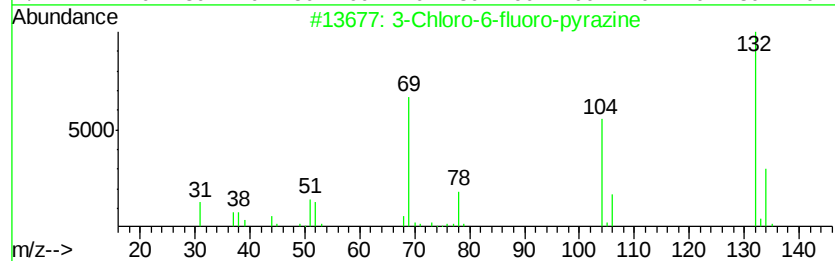
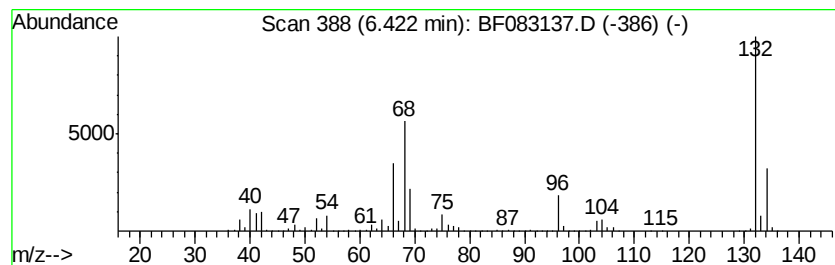
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Peak Number 2 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	72.76 ng	4638380	1,4-Dichlorobenzene-d4	6.65

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	12
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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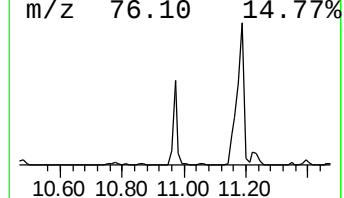
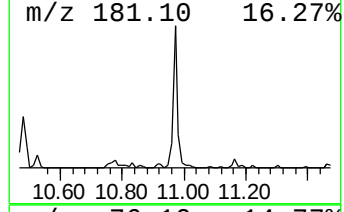
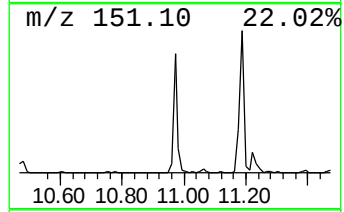
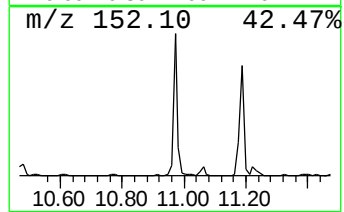
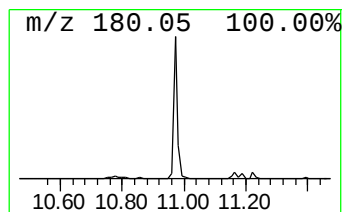
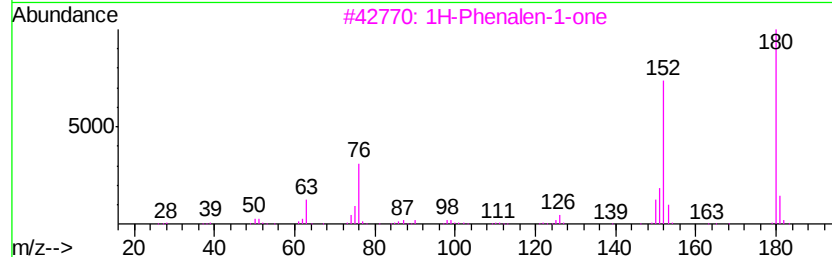
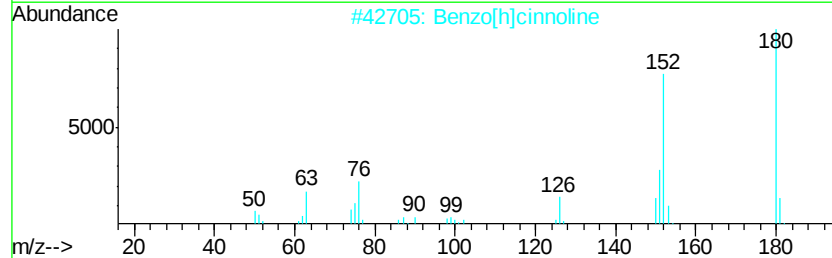
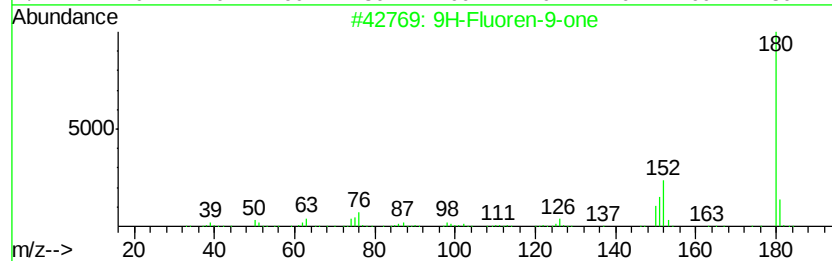
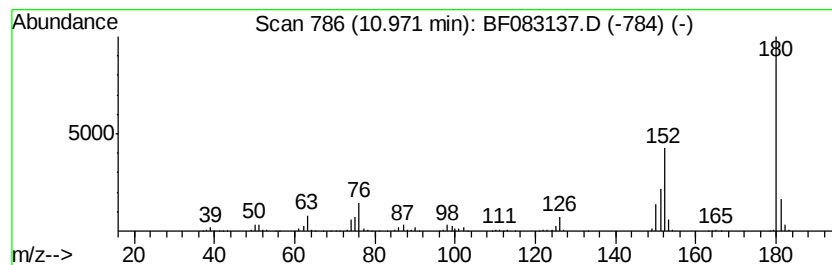
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9H-Fluoren-9-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.97	3.09 ng	490849	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	45
5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	42



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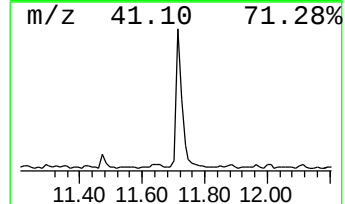
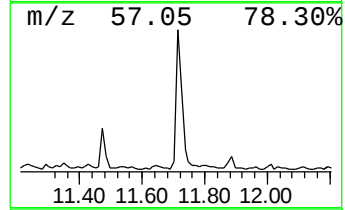
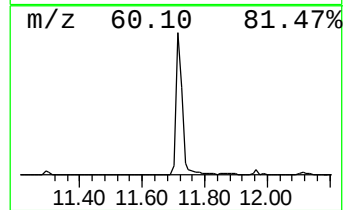
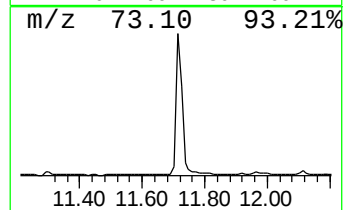
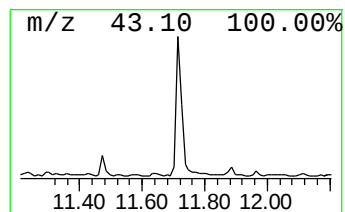
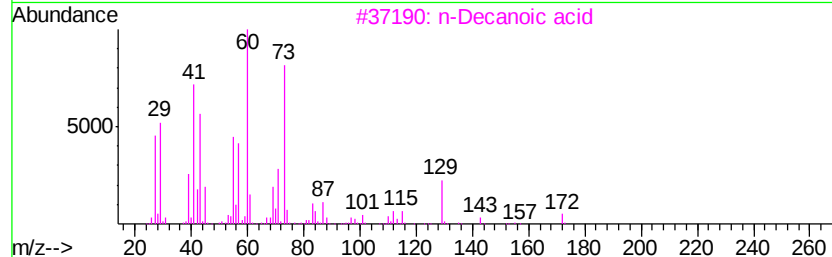
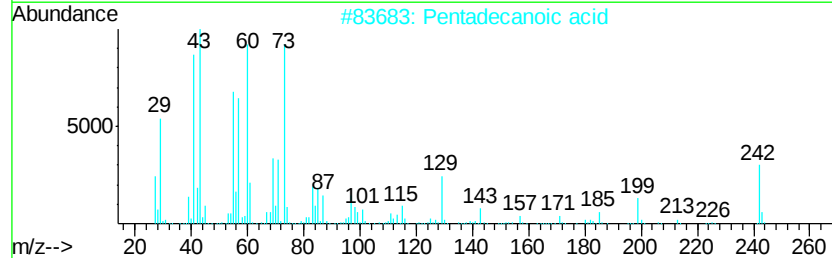
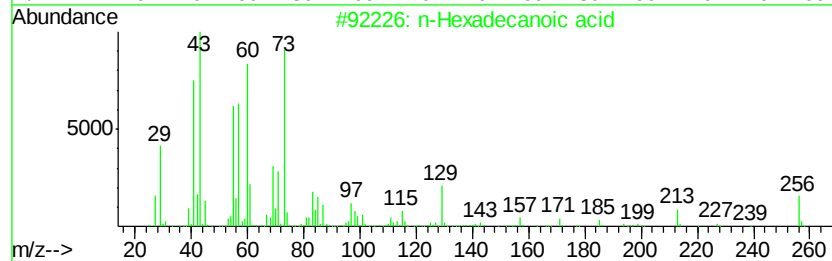
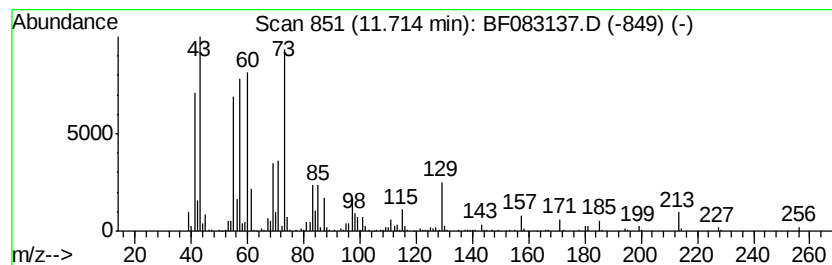
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	6.65 ng	1055910	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	58
4	Heptanoic acid	130	C7H14O2	000111-14-8	43
5	Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	43



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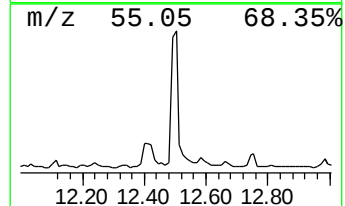
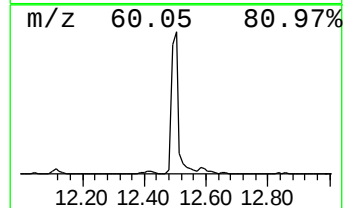
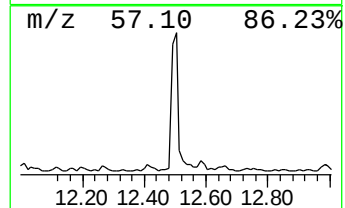
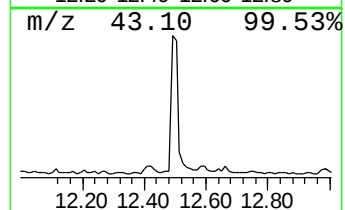
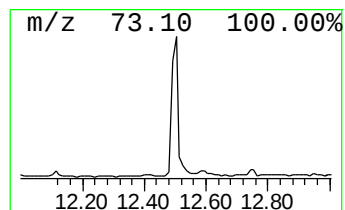
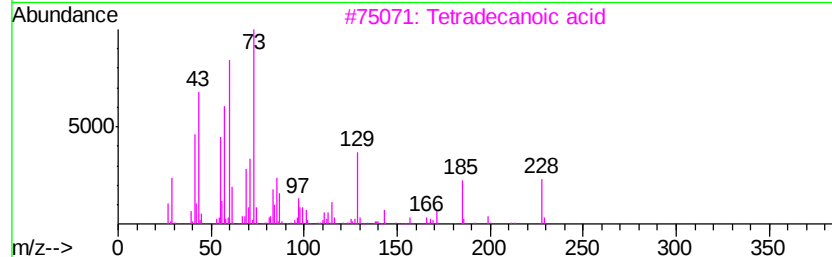
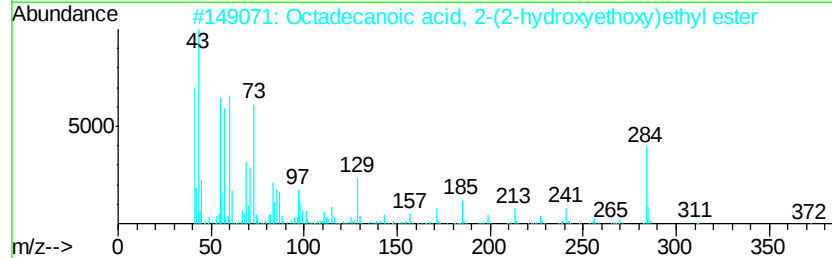
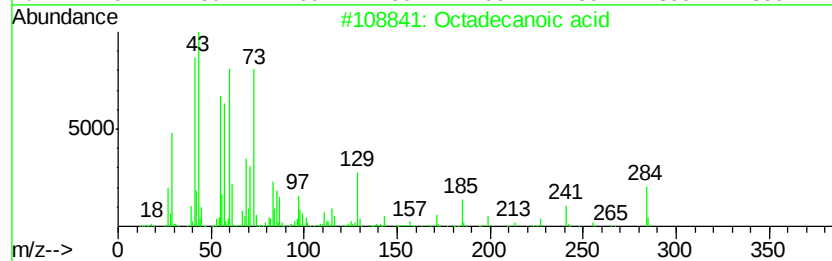
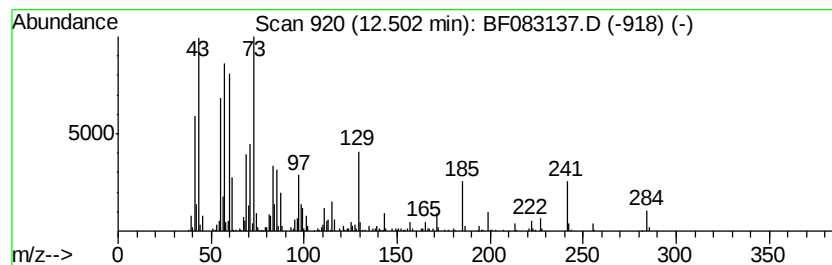
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Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	9.45 ng	820282	Chrysene-d12	13.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083137.D
Acq On : 22 Nov 2015 4:32
Operator : UM/IZ
Sample : G4480-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIBERTY SF_002-SPLPSVOC1

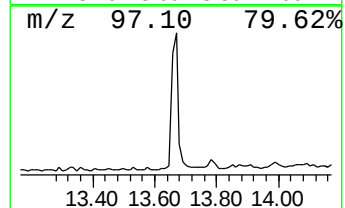
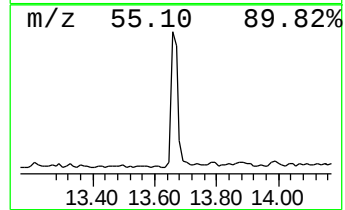
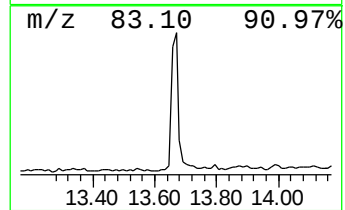
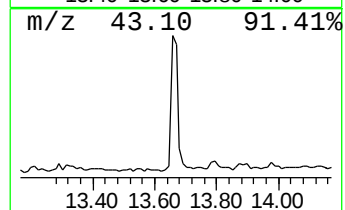
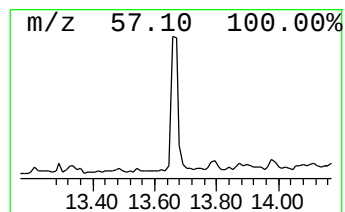
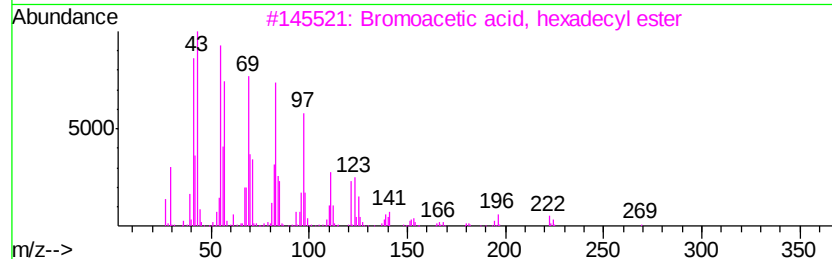
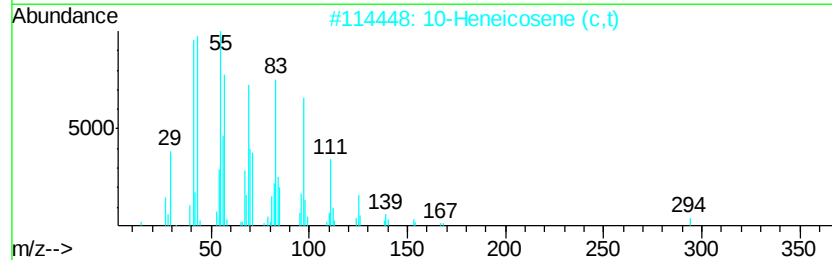
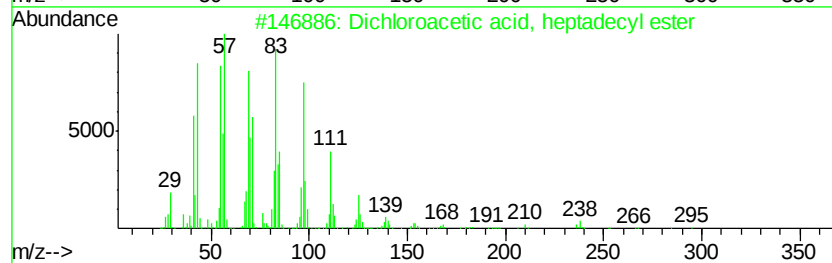
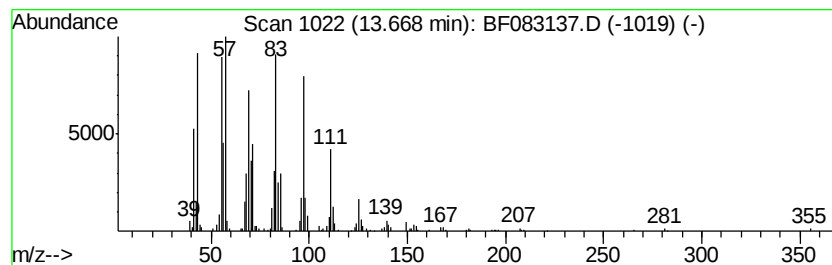
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	7.25 ng	629571	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		10-Heneicosene (c,t)	294	C21H42	095008-11-0	91
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4		1-Docosene	308	C22H44	001599-67-3	91
5		1-Tricosene	322	C23H46	018835-32-0	91



Data Path : V:\HPCHEM1\BNA_F\DATA\BF112115\
Data File : BF083137.D
Acq On : 22 Nov 2015 4:32
Operator : UM/IZ
Sample : G4480-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

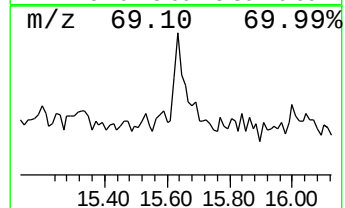
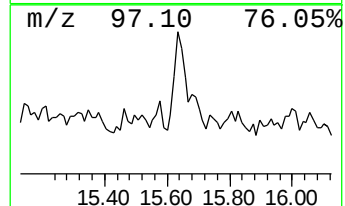
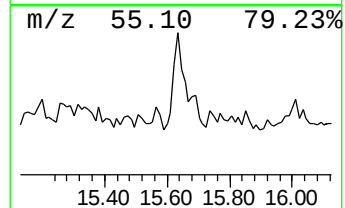
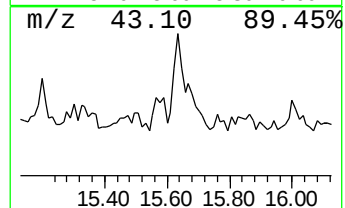
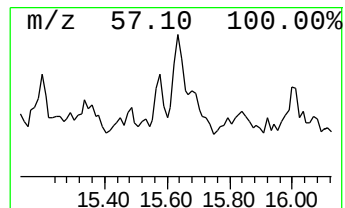
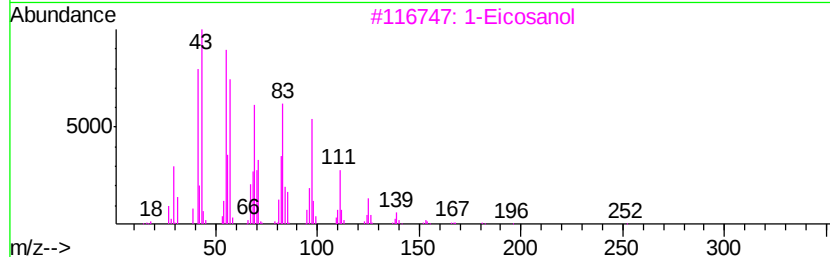
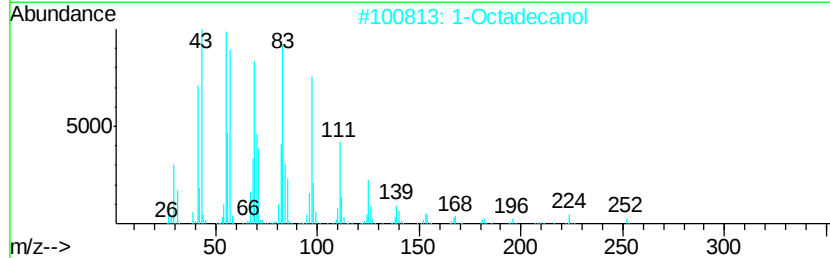
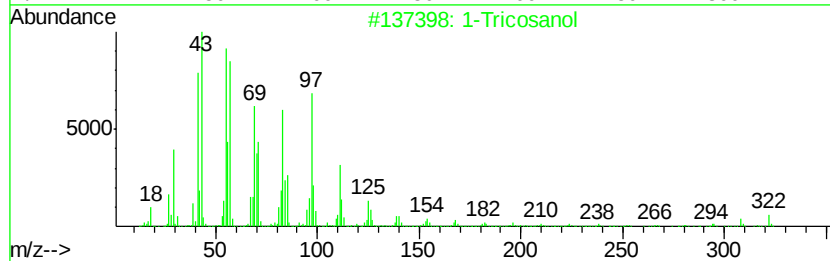
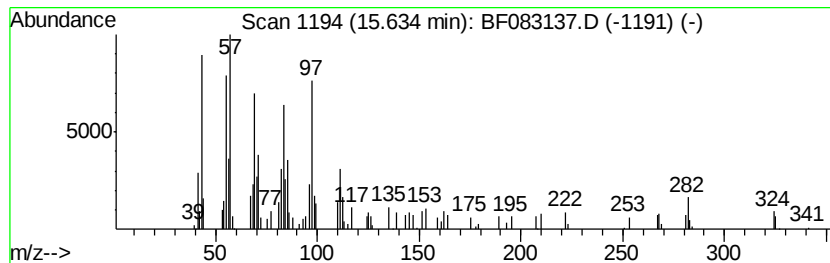
Instrument :
BNA_F
ClientSampleId :
LIBERTY SF_002-SPLPSVOC1

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 8 1-Tricosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.15 ng	156203	Perylene-d12	15.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tricosanol	340 C23H48O	003133-01-5	80
2	1-Octadecanol	270 C18H38O	000112-92-5	80
3	1-Eicosanol	298 C20H42O	000629-96-9	62
4	2- Chloropropionic acid, octadec...	360 C21H41ClO2	088104-31-8	62
5	1-Tetracosanol	354 C24H50O	000506-51-4	58



Data Path : V:\HPCHEM1\BNA_F\DATA\BF112115\
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Sample : G4480-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIBERTY SF_002-SPLPSVOC1

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...	4.81	21.1	ng	1345700	1	6.65	1274970	20.0
unknown6.42	6.42	72.8	ng	4638380	1	6.65	1274970	20.0
9H-Fluoren-9-one	10.97	3.1	ng	490849	4	11.16	3174100	20.0
n-Hexadecanoic acid	11.71	6.7	ng	1055910	4	11.16	3174100	20.0
Octadecanoic acid	12.50	9.4	ng	820282	5	13.78	1735670	20.0
Dichloroacetic ac...	13.67	7.3	ng	629571	5	13.78	1735670	20.0
1-Tricosanol	15.63	2.1	ng	156203	6	15.15	1455420	20.0