

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084028.D
 Acq On : 23 Dec 2015 9:50
 Operator : UM/SJ
 Sample : G4919-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALL

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-BF122215.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	5.013	253	256	265	rBB	203906	280097	21.42%	2.393%
2	5.447	292	294	296	rBV	1176581	1135174	86.80%	9.699%
3	6.476	382	384	386	rBV	1134206	1104680	84.47%	9.438%
4	6.602	393	395	397	rBV	1389206	1249100	95.51%	10.672%
5	6.830	413	415	417	rBV	264682	249232	19.06%	2.129%
6	6.979	426	428	431	rBV	735628	876267	67.00%	7.487%
7	7.390	462	464	467	rBV	758437	693261	53.01%	5.923%
8	8.110	525	527	530	rBV	422116	357785	27.36%	3.057%
9	9.196	619	622	624	rBV	958987	1307843	100.00%	11.174%
10	9.585	654	656	658	rBV	312712	252056	19.27%	2.154%
11	9.871	678	681	683	rBB	389806	416339	31.83%	3.557%
12	10.305	718	719	721	rVB	34527	25089	1.92%	0.214%
13	10.522	735	738	741	rBV	25533	43961	3.36%	0.376%
14	10.659	747	750	752	rBV	933827	986270	75.41%	8.427%
15	10.716	752	755	757	rVV	18646	28850	2.21%	0.246%
16	10.774	759	760	764	rVV2	40415	58985	4.51%	0.504%
17	10.968	775	777	782	rBV2	6742	18143	1.39%	0.155%
18	11.219	797	799	801	rBV	18858	22841	1.75%	0.195%
19	11.345	809	810	813	rBV	334806	418396	31.99%	3.575%
20	11.539	822	827	832	rBV	16607	21291	1.63%	0.182%
21	12.259	888	890	892	rBV	24770	24647	1.88%	0.211%
22	12.762	932	934	936	rBV	97300	84566	6.47%	0.723%
23	12.831	936	940	942	rVB2	10966	16821	1.29%	0.144%
24	12.934	947	949	951	rBV	1281014	1108422	84.75%	9.470%
25	13.414	989	991	993	rBV	20516	20599	1.58%	0.176%
26	13.460	993	995	998	rBV	61818	73134	5.59%	0.625%
27	13.517	998	1000	1001	rBV	7942	13360	1.02%	0.114%
28	13.837	1025	1028	1031	rBV	60628	80518	6.16%	0.688%
29	13.894	1031	1033	1035	rVV2	10024	14641	1.12%	0.125%
30	13.985	1039	1041	1044	rVB	326512	330342	25.26%	2.822%
31	14.157	1054	1056	1058	rBV	17407	19532	1.49%	0.167%
32	14.454	1081	1082	1084	rBV2	10943	16652	1.27%	0.142%
33	14.648	1093	1099	1100	rBV2	9014	19072	1.46%	0.163%
34	15.083	1134	1137	1139	rBV2	8271	13257	1.01%	0.113%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	15.425	1164	1167	1173	rBV	169056	264269	20.21%	2.258%
36	16.065	1221	1223	1231	rVB3	8603	22568	1.73%	0.193%
37	16.477	1256	1259	1264	rVB2	11426	18409	1.41%	0.157%
38	17.540	1347	1352	1357	rVB5	5201	17901	1.37%	0.153%

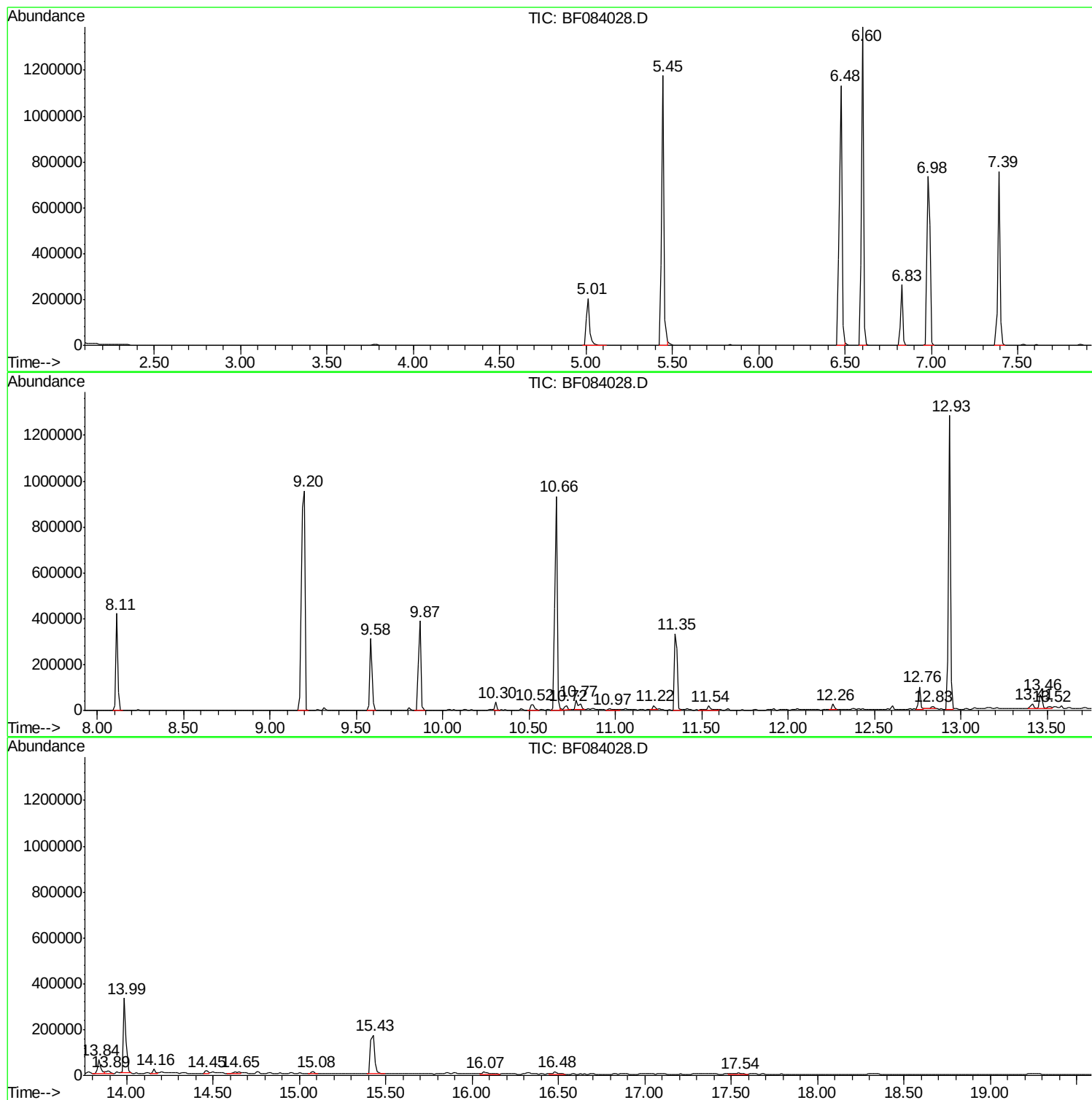
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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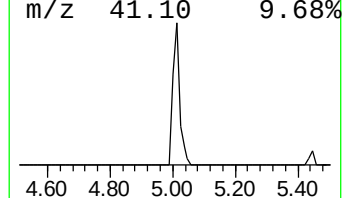
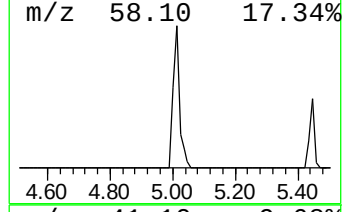
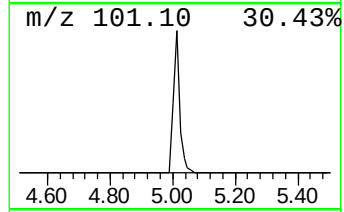
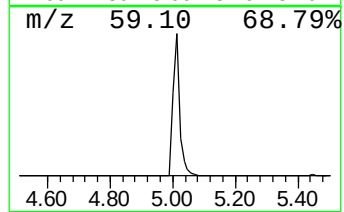
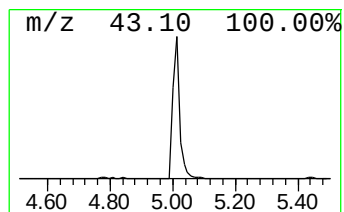
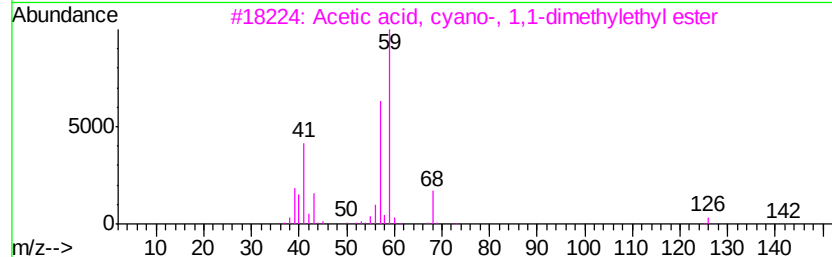
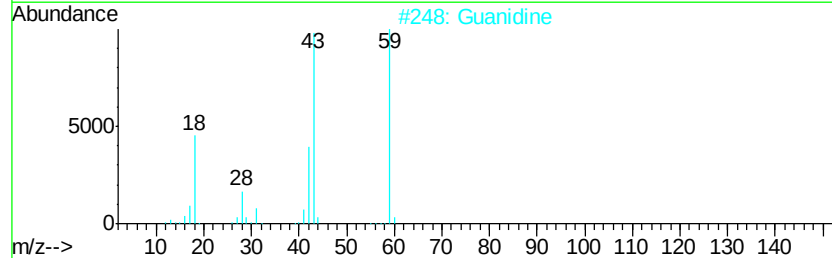
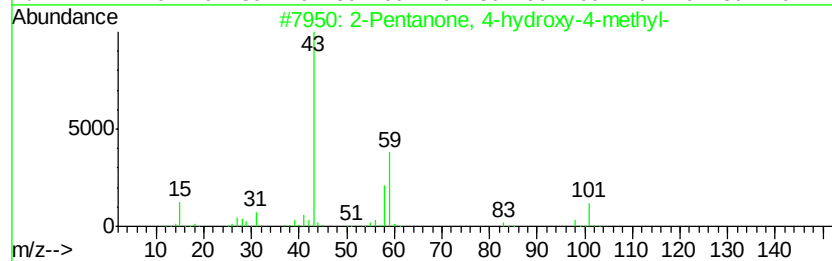
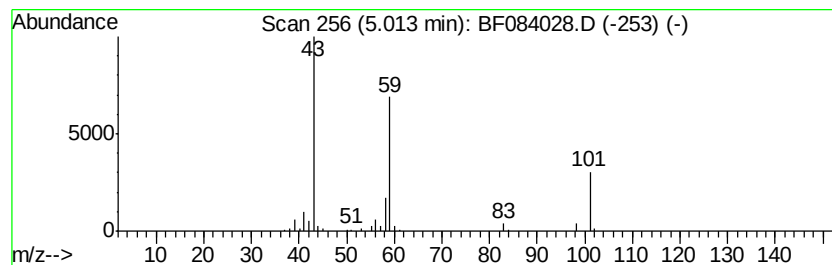
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	22.48 ng	280097	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Guanidine	59	CH5N3	000113-00-8	43
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		2-Nonanone	142	C9H18O	000821-55-6	12
5		Acetone	58	C3H6O	000067-64-1	10



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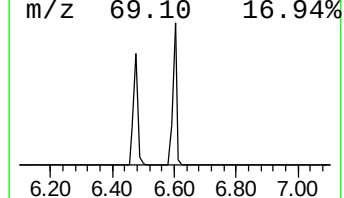
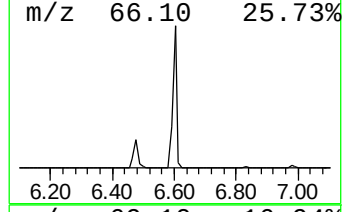
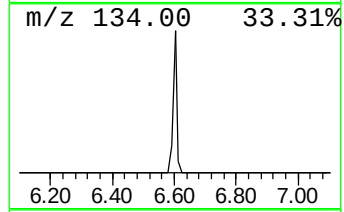
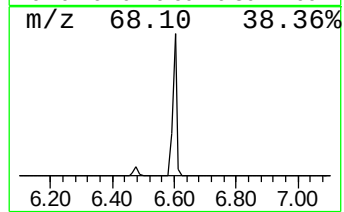
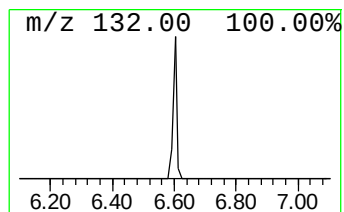
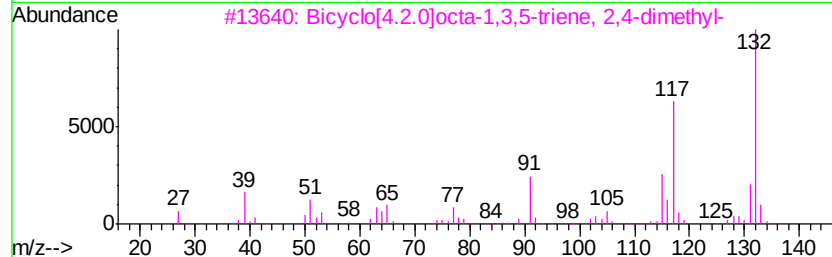
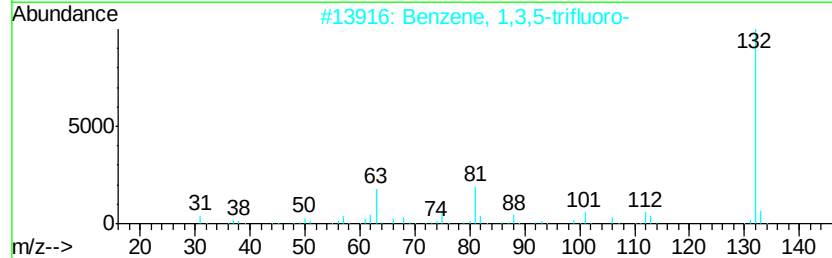
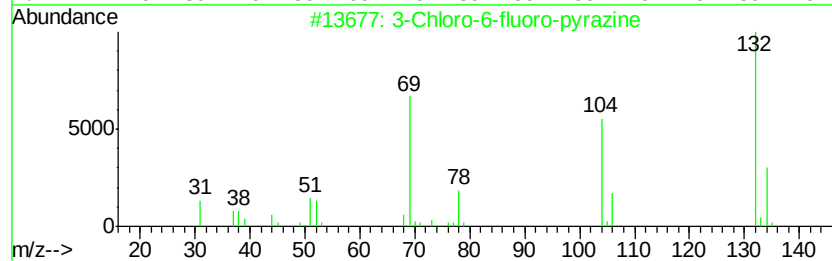
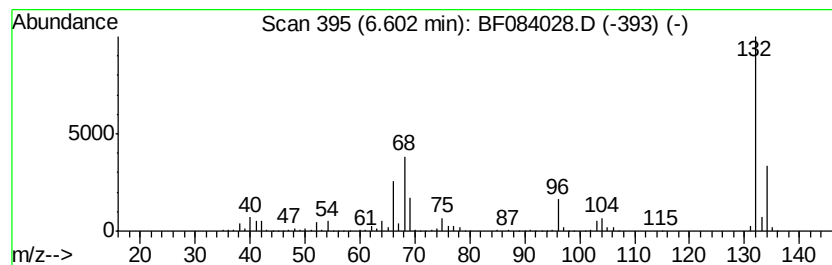
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	100.24 ng	1249100	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3		Bicyclo[4.2.0]octa-1,3,5-triene, ...	132	C10H12	028749-81-7	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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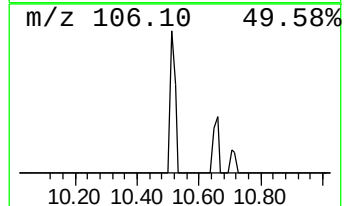
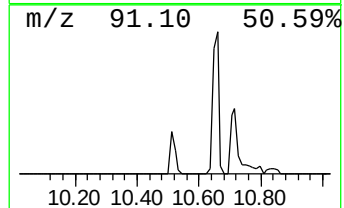
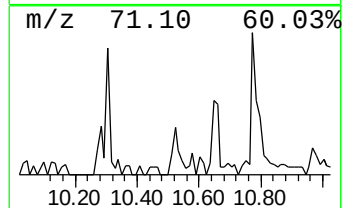
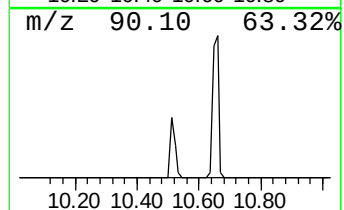
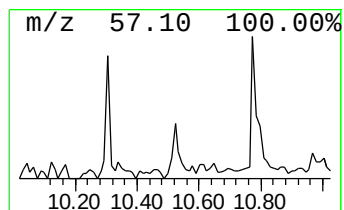
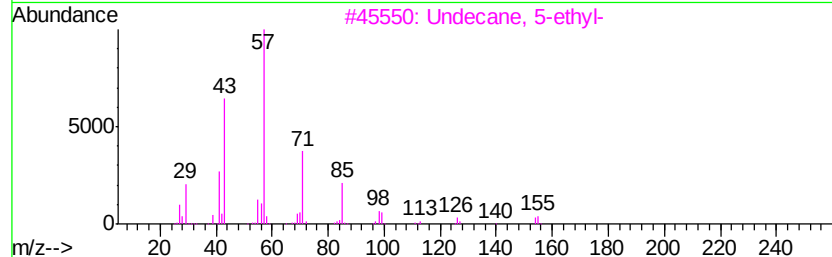
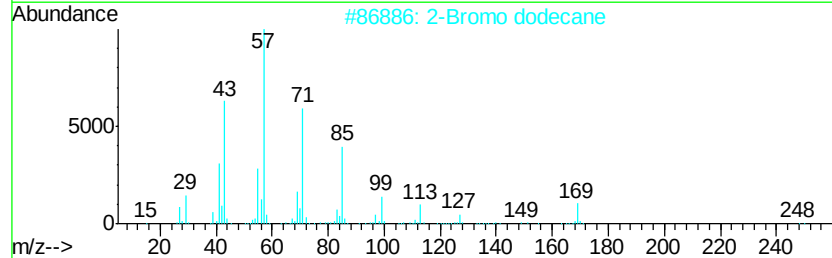
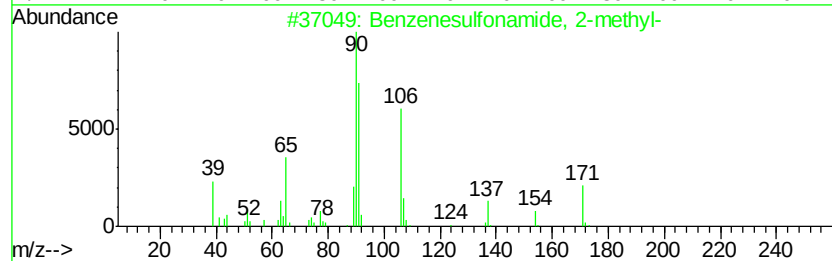
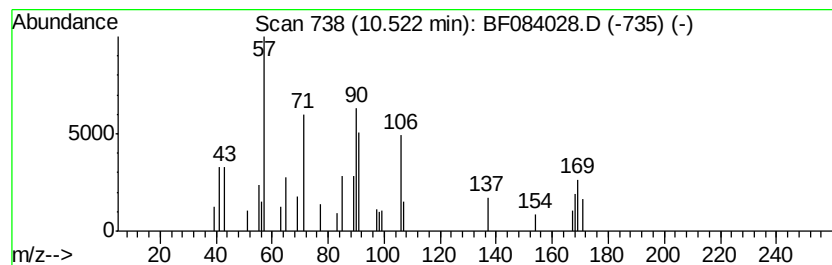
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown10.52 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.52	2.11 ng	43961	Acenaphthene-d10		9.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	46
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	22
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	10
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	10
5	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	10



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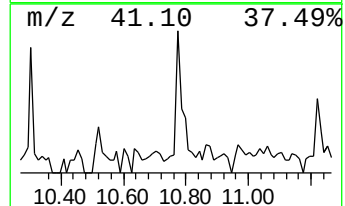
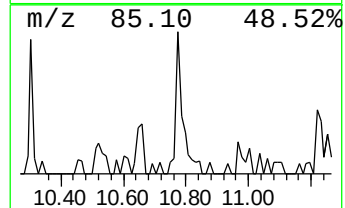
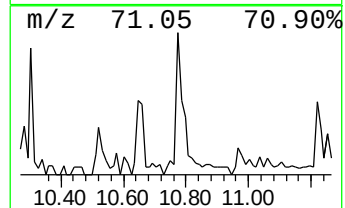
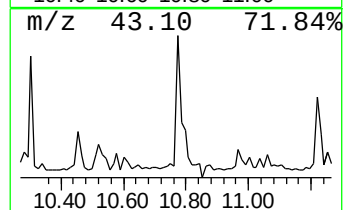
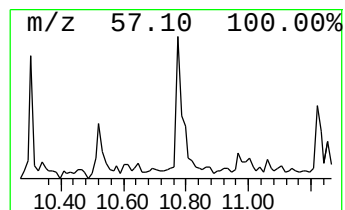
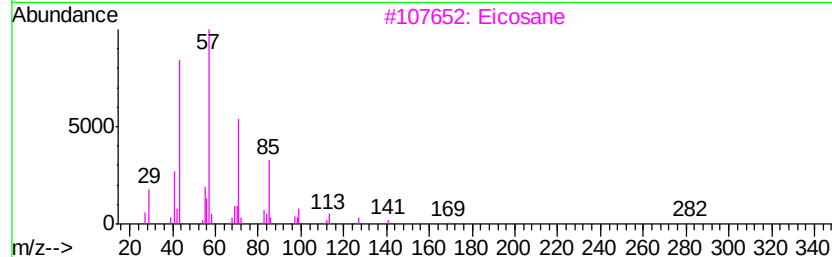
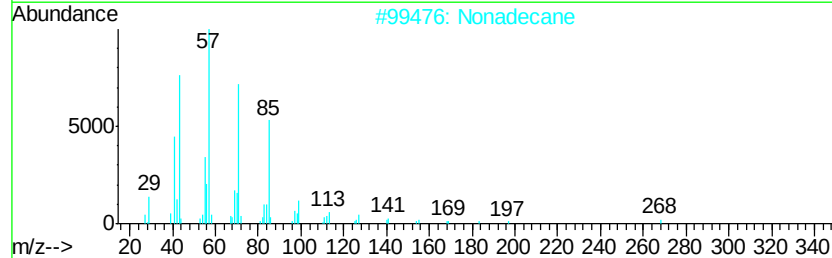
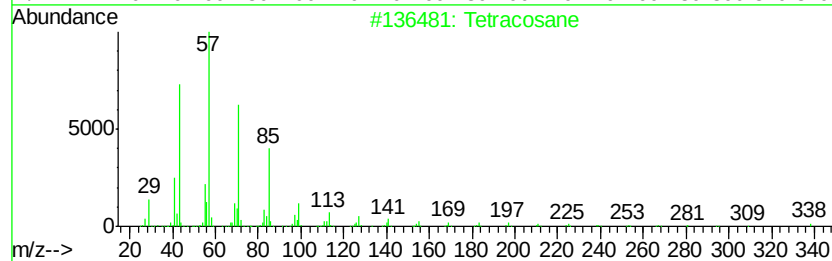
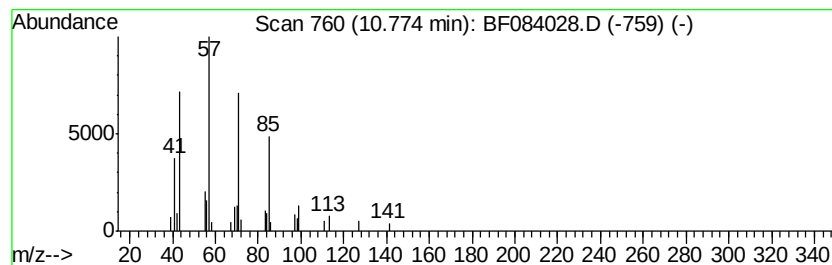
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.82 ng	58985	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Nonadecane	268	C19H40	000629-92-5	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Heptadecane	240	C17H36	000629-78-7	90



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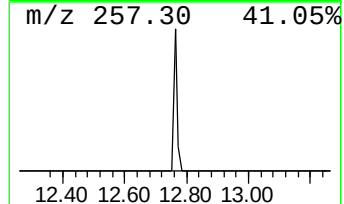
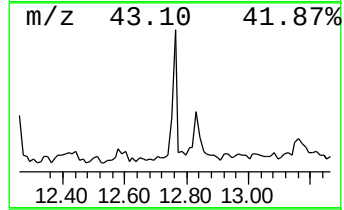
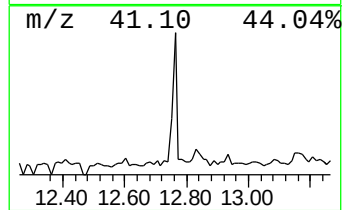
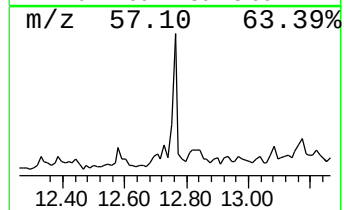
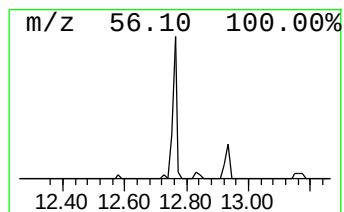
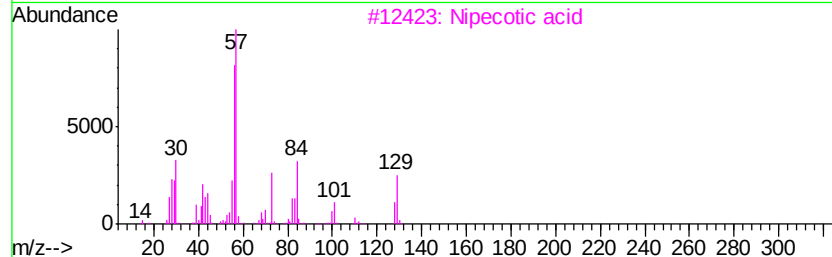
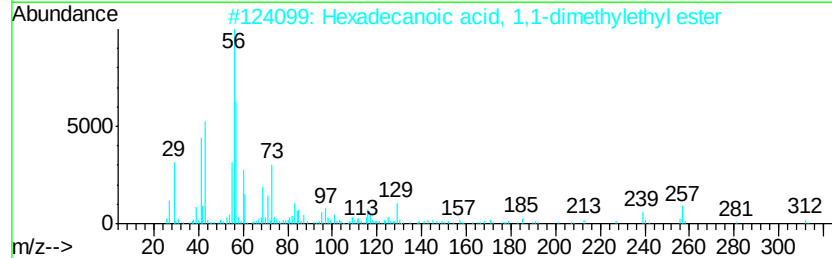
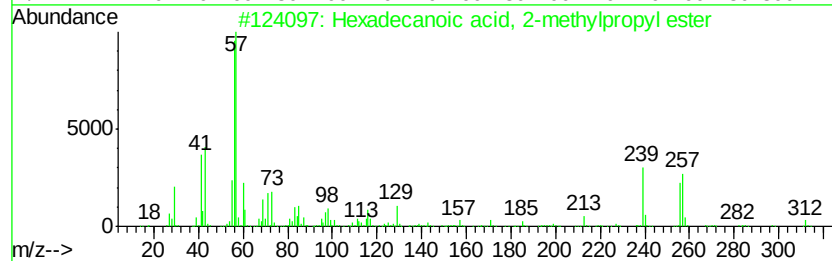
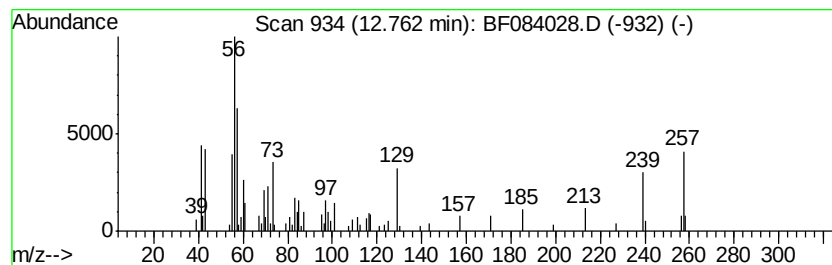
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Peak Number 6 Hexadecanoic acid, 2-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	5.12 ng	84566	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	53
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	47
3		Nipecotic acid	129	C6H11NO2	000498-95-3	38
4		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	22
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	22



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ClientSampleId :
WEST-SIDEWALL

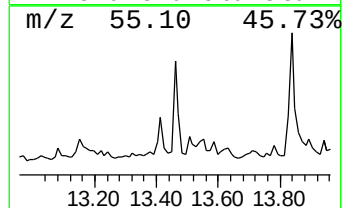
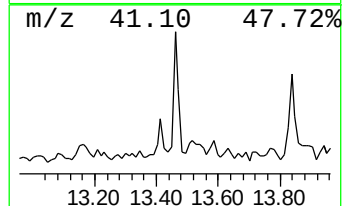
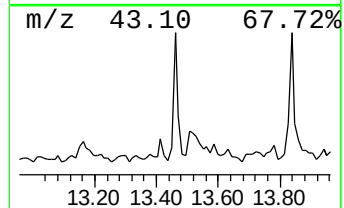
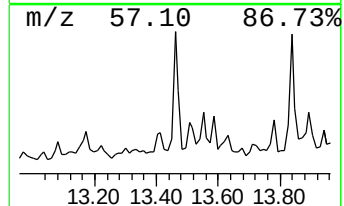
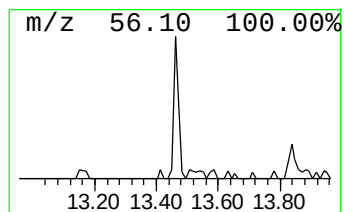
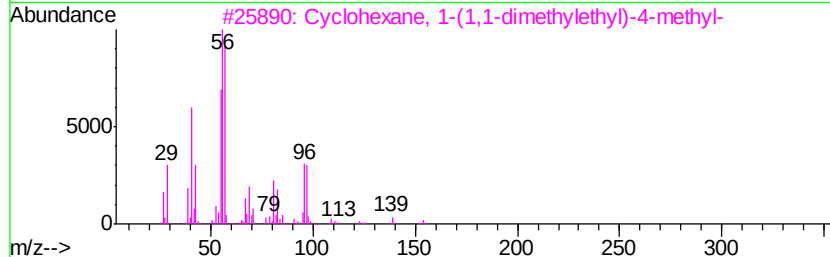
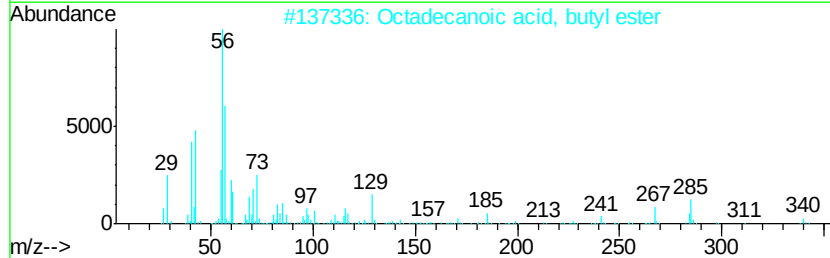
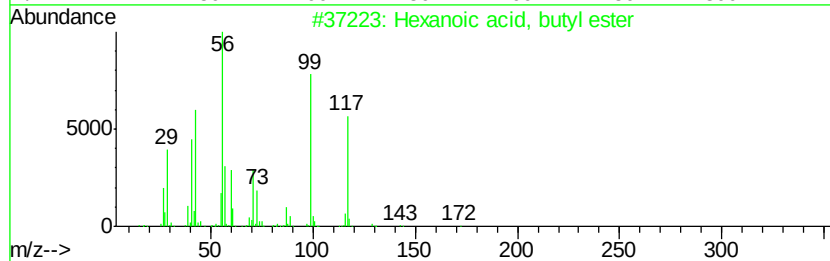
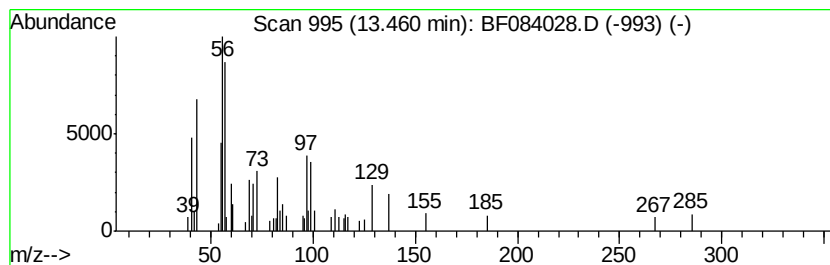
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.46 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	4.43 ng	73134	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, butyl ester	172	C10H20O2	000626-82-4	38
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	35
3		Cyclohexane, 1-(1,1-dimethylethyl)-4-methyl-	154	C11H22	075736-66-2	35
4		n-Capric acid isobutyl ester	228	C14H28O2	030673-38-2	25
5		Octanoic acid, hexyl ester	228	C14H28O2	001117-55-1	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084028.D
Acq On : 23 Dec 2015 9:50
Operator : UM/SJ
Sample : G4919-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

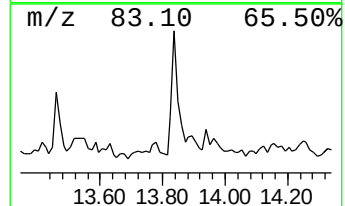
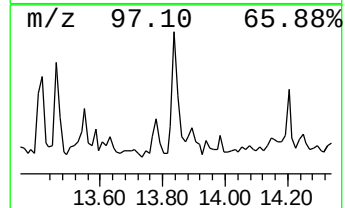
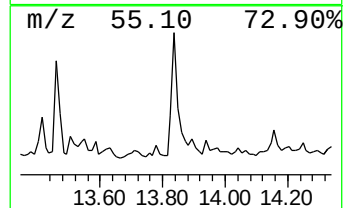
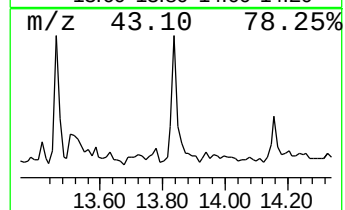
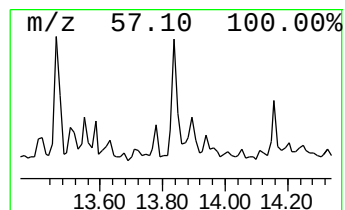
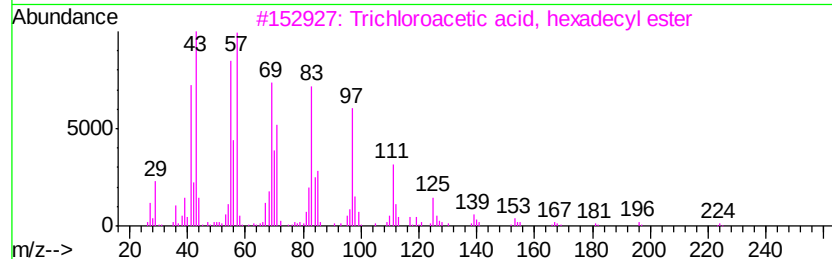
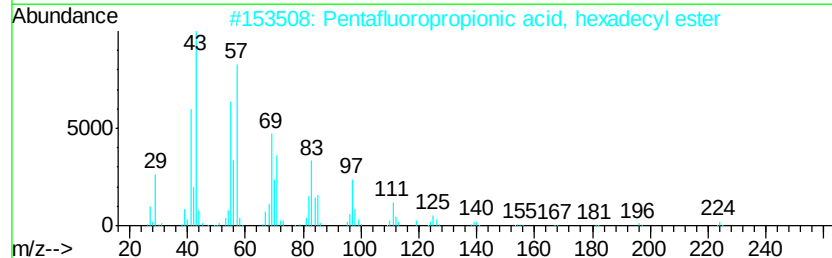
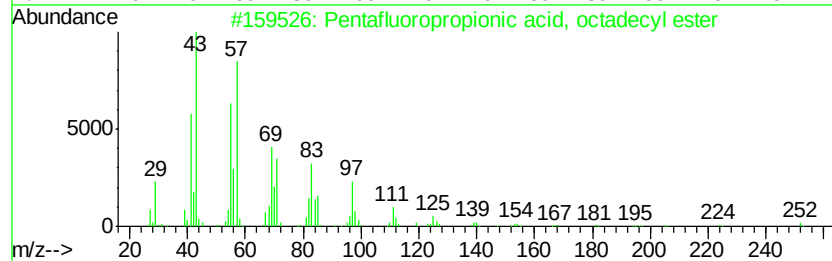
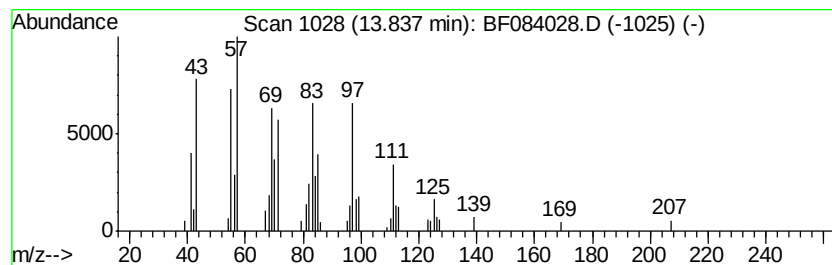
Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.84	4.87 ng	80518	Chrysene-d12		13.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, octadecyl...	416	C21H37F5O2	1000280-07-7	90
2		Pentafluoropropionic acid, hexadecyl...	388	C19H33F5O2	006222-07-7	81
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	74
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	74
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084028.D
Acq On : 23 Dec 2015 9:50
Operator : UM/SJ
Sample : G4919-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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...	5.01	22.5	ng	280097	1	6.83	249232	20.0
unknown6.60	6.60	100.2	ng	1249100	1	6.83	249232	20.0
unknown10.52	10.52	2.1	ng	43961	3	9.87	416339	20.0
Tetracosane	10.77	2.8	ng	58985	4	11.35	418396	20.0
Hexadecanoic acid...	12.76	5.1	ng	84566	5	13.99	330342	20.0
unknown13.46	13.46	4.4	ng	73134	5	13.99	330342	20.0
Pentafluoropropio...	13.84	4.9	ng	80518	5	13.99	330342	20.0