

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082798.D
 Acq On : 7 Nov 2015 9:08
 Operator : UM/IZ
 Sample : G4246-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14C

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-BF110715.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	5.036	254	258	260	rBV	2009044	3118324	50.71%	5.379%
2	5.459	292	295	297	rBV	4540948	5883279	95.68%	10.148%
3	6.476	381	384	387	rBV	4047497	6148821	100.00%	10.606%
4	6.613	393	396	399	rBV	5385480	5194816	84.48%	8.961%
5	6.842	414	416	419	rBV	1343778	1486951	24.18%	2.565%
6	7.002	428	430	433	rVB	4122485	3948993	64.22%	6.812%
7	7.413	462	466	468	rBV	3035631	4030599	65.55%	6.953%
8	8.133	526	529	531	rBV	2355775	2067996	33.63%	3.567%
9	9.208	621	623	626	rVB	3928947	5347349	86.97%	9.224%
10	9.608	655	658	660	rBV	1711905	1543192	25.10%	2.662%
11	9.882	680	682	685	rBV	1563136	2003358	32.58%	3.456%
12	10.305	717	719	720	rBV	132689	112367	1.83%	0.194%
13	10.671	748	751	754	rBV	3366863	3540108	57.57%	6.107%
14	10.808	761	763	767	rVB	91291	140792	2.29%	0.243%
15	11.254	800	802	803	rBV	114760	107348	1.75%	0.185%
16	11.368	809	812	814	rBV	2532786	2180105	35.46%	3.761%
17	11.905	857	859	864	rBV2	244864	319365	5.19%	0.551%
18	12.579	915	918	919	rBV	53879	62447	1.02%	0.108%
19	12.694	925	928	931	rBV	72556	87439	1.42%	0.151%
20	12.785	934	936	939	rVB2	244502	288917	4.70%	0.498%
21	12.865	939	943	945	rVB2	76610	84250	1.37%	0.145%
22	12.957	948	951	953	rBV	5456471	4909782	79.85%	8.469%
23	13.494	996	998	1001	rBV	230856	222747	3.62%	0.384%
24	13.745	1016	1020	1022	rBV3	68743	119733	1.95%	0.207%
25	13.871	1027	1031	1034	rBV2	236479	453378	7.37%	0.782%
26	13.997	1040	1042	1045	rBV	1477960	2084537	33.90%	3.596%
27	14.191	1056	1059	1065	rVB2	51271	91770	1.49%	0.158%
28	14.500	1083	1086	1089	rBV2	79337	163979	2.67%	0.283%
29	15.117	1138	1140	1142	rBV	93644	116617	1.90%	0.201%
30	15.425	1164	1167	1170	rBV	1161498	1516434	24.66%	2.616%
31	15.905	1206	1209	1211	rBV	38435	64462	1.05%	0.111%
32	15.951	1211	1213	1217	rBV4	23233	63911	1.04%	0.110%
33	16.385	1247	1251	1257	rVB3	25703	72822	1.18%	0.126%
34	17.231	1321	1325	1331	rVB7	29990	90971	1.48%	0.157%

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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:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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35	17.403	1336	1340	1343	rBV5	31536	90115	1.47%	0.155%
36	17.608	1354	1358	1363	rVB7	24579	65132	1.06%	0.112%
37	18.409	1422	1428	1431	rBV6	17196	62570	1.02%	0.108%
38	19.334	1504	1509	1518	rVB6	21041	86809	1.41%	0.150%

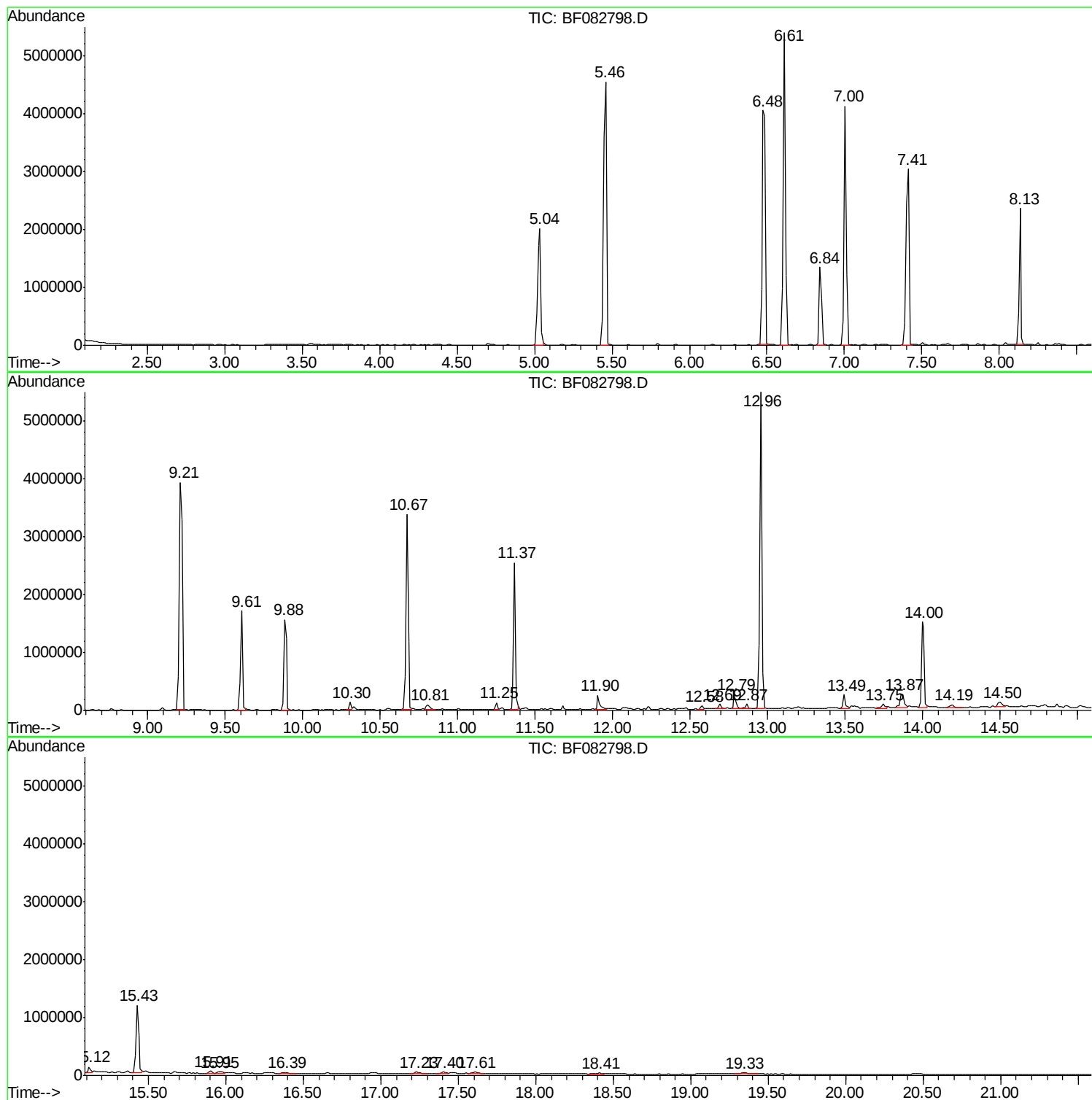
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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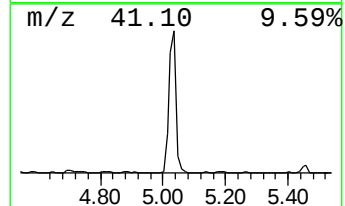
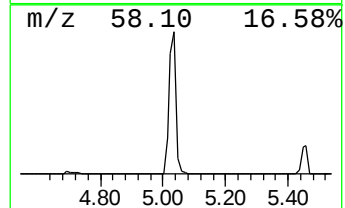
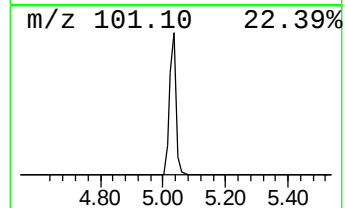
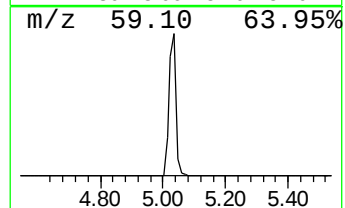
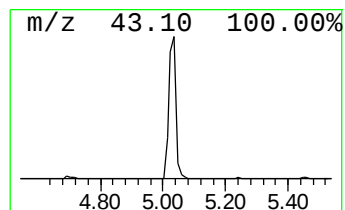
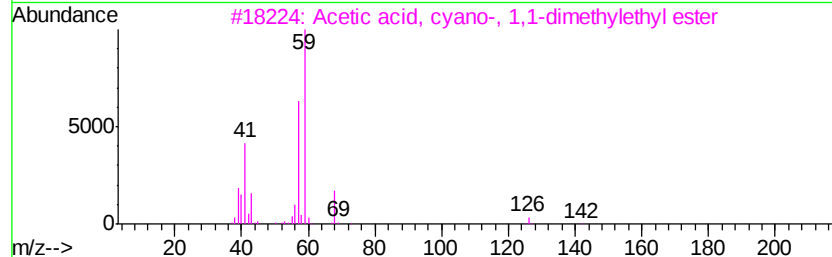
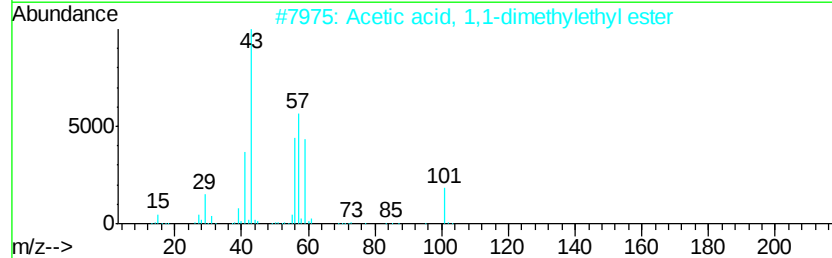
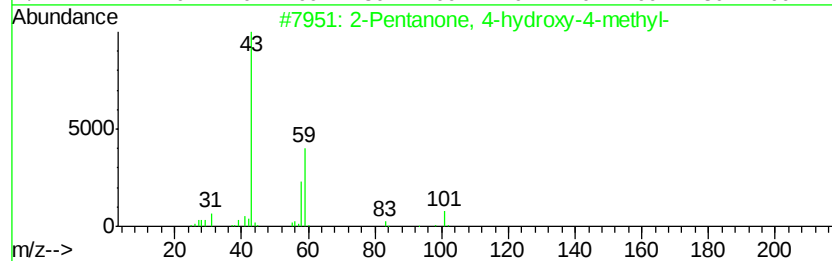
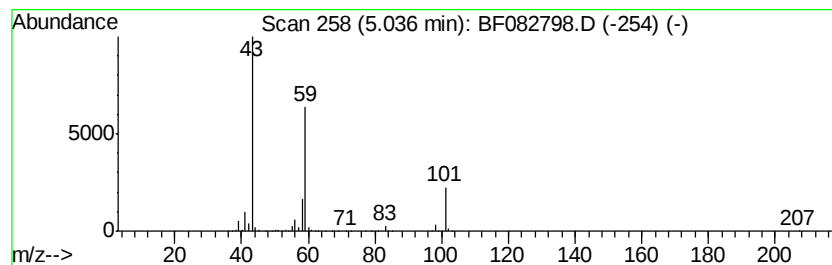
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	41.94 ng	3118320	1,4-Dichlorobenzene-d4	6.84

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	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17	
4	Acetone	58	C3H6O	000067-64-1	9	
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9	



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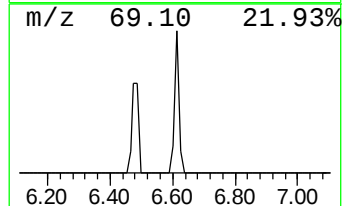
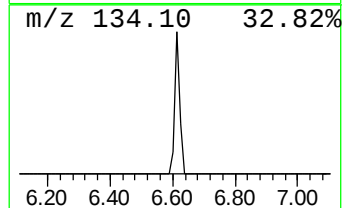
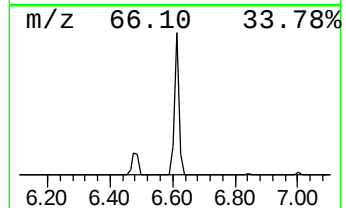
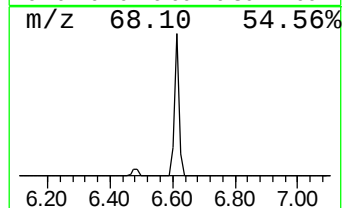
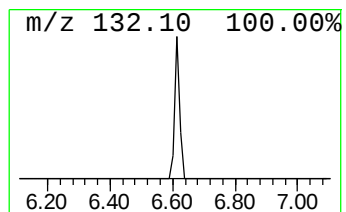
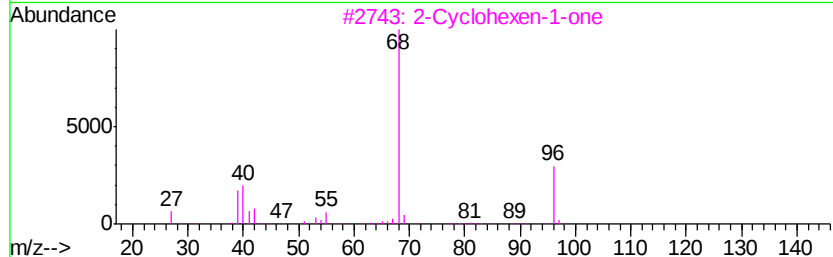
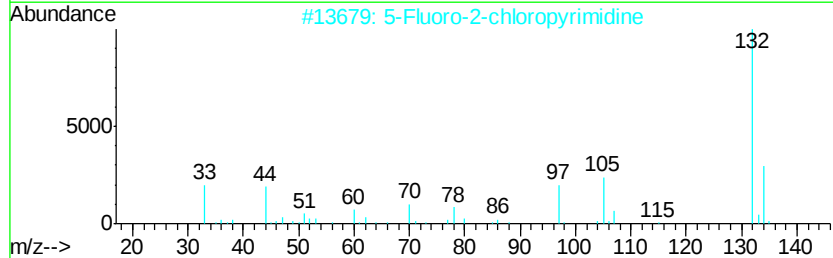
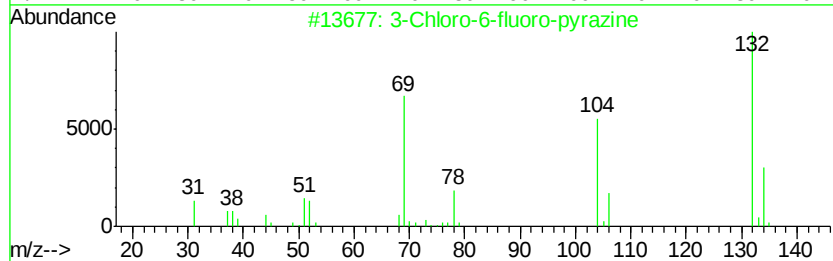
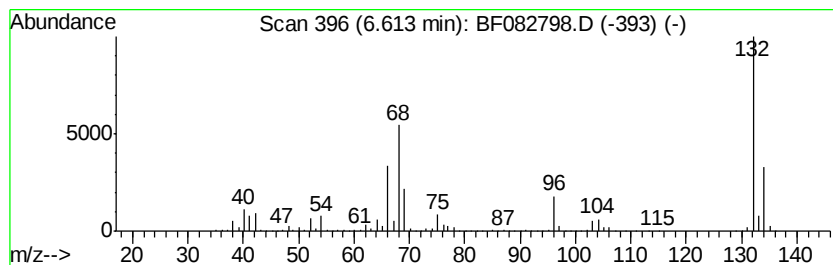
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	69.87 ng	5194820	1,4-Dichlorobenzene-d4	6.84

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



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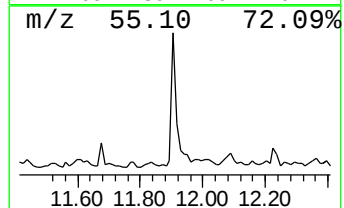
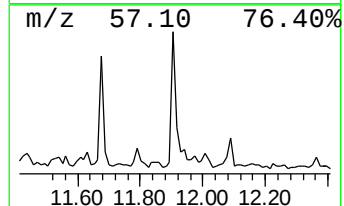
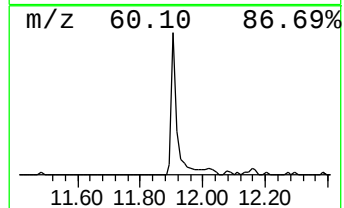
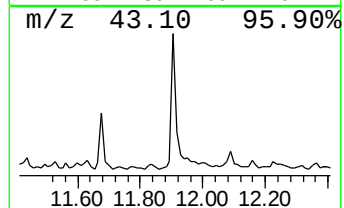
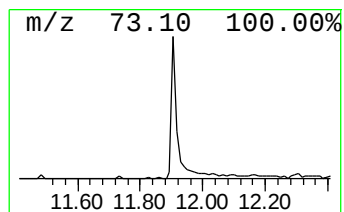
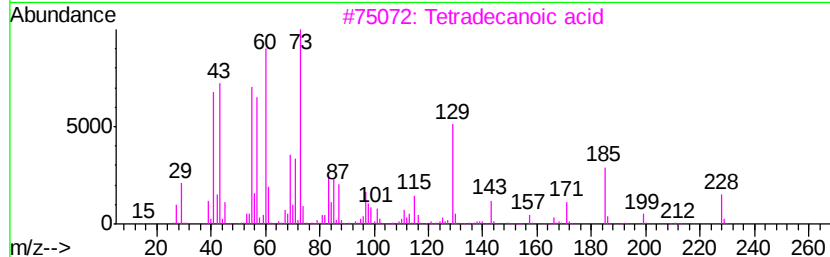
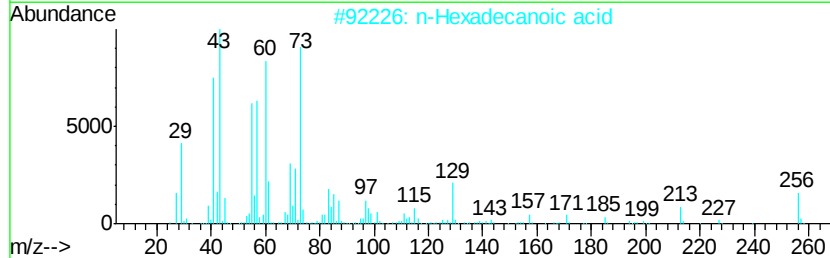
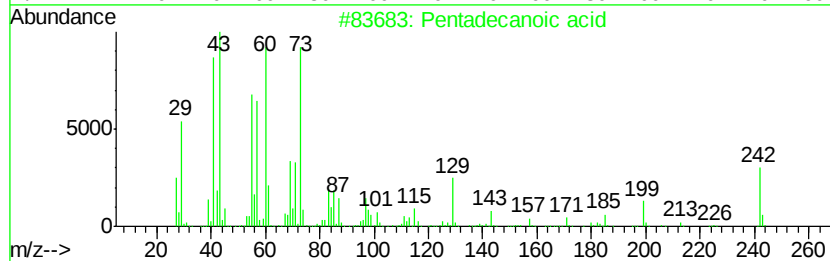
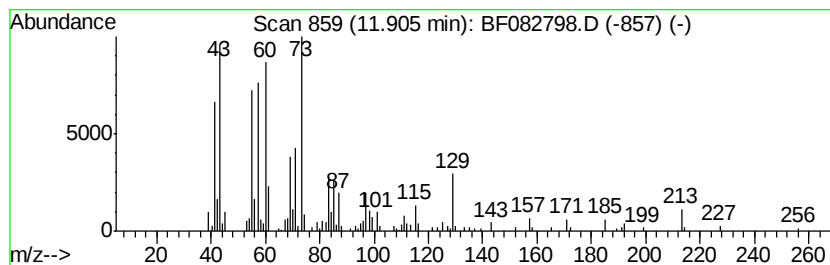
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.93 ng	319365	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64



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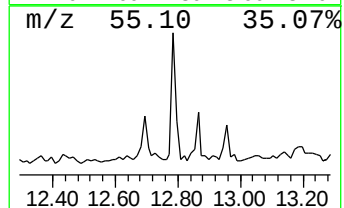
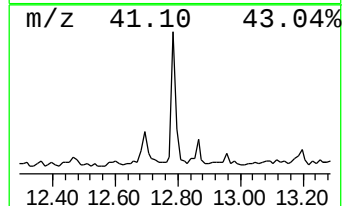
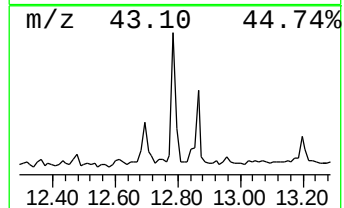
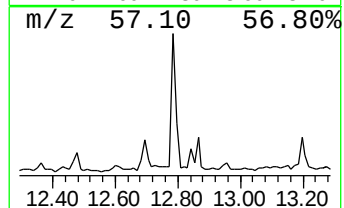
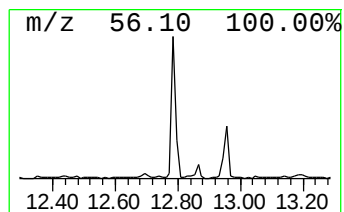
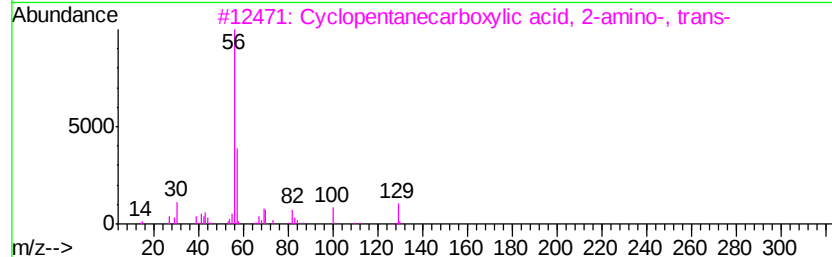
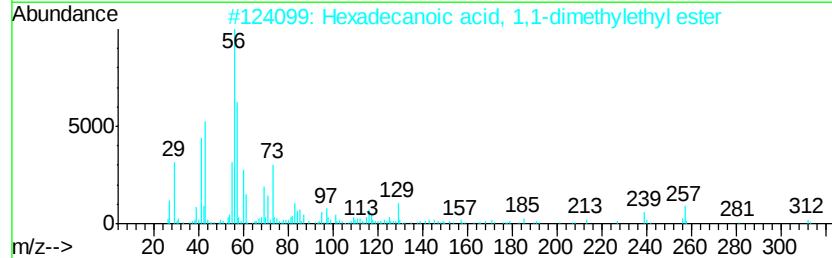
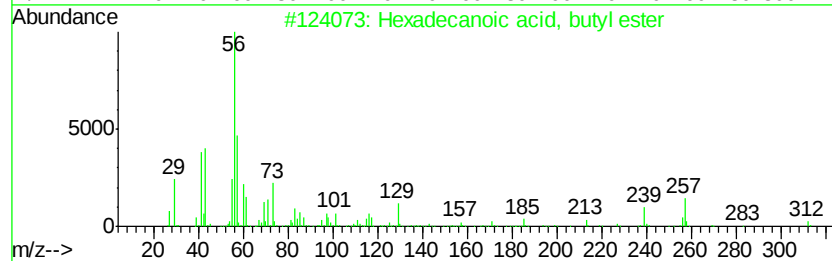
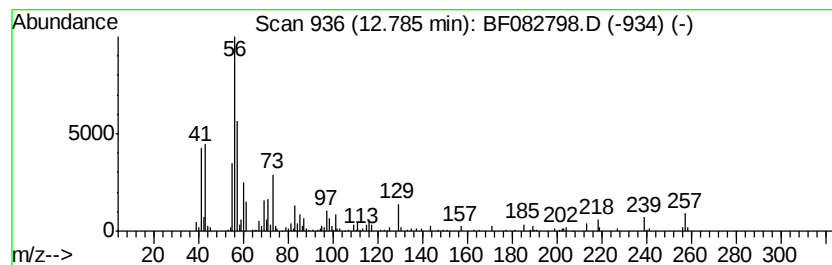
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.77 ng	288917	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	72
3		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
4		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
5		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	38



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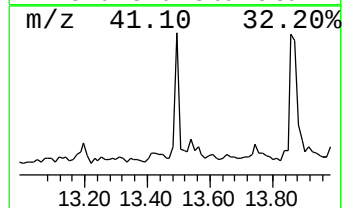
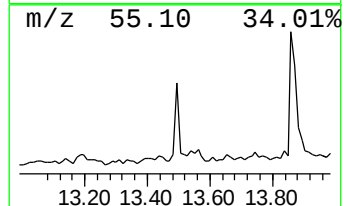
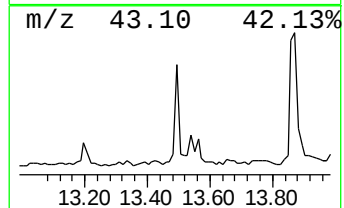
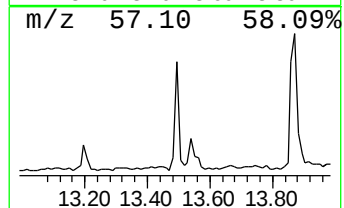
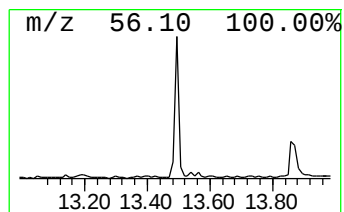
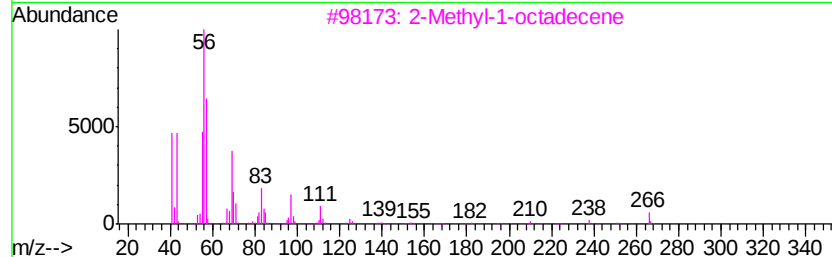
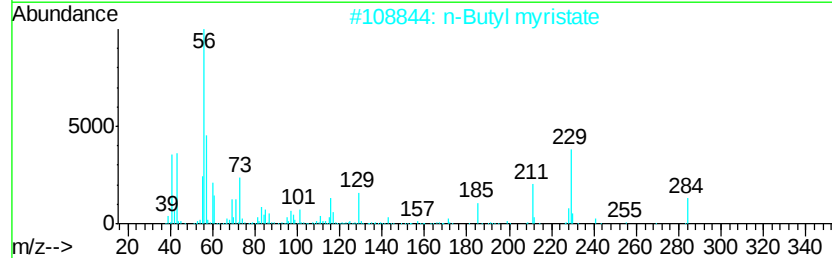
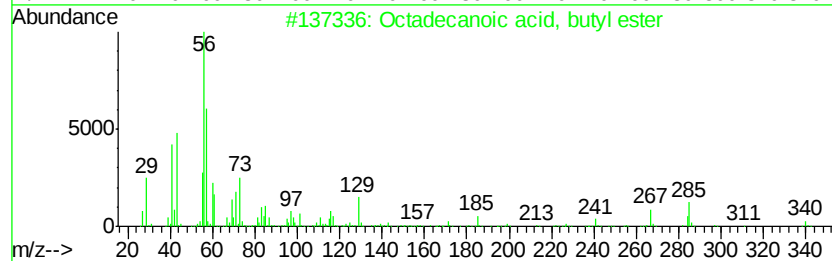
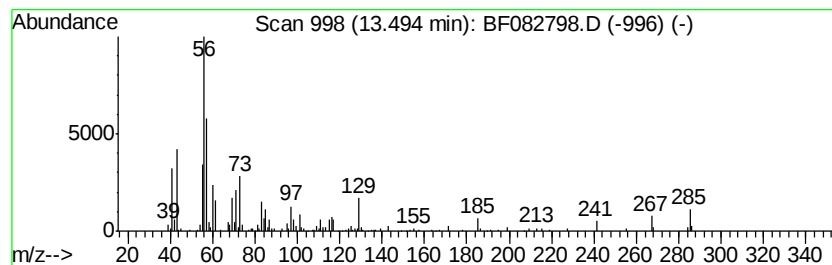
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.14 ng	222747	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2		n-Butyl myristate	284	C18H36O2	000110-36-1	72
3		2-Methyl-1-octadecene	266	C19H38	061868-20-0	38
4		Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	38
5		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082798.D
Acq On : 7 Nov 2015 9:08
Operator : UM/IZ
Sample : G4246-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

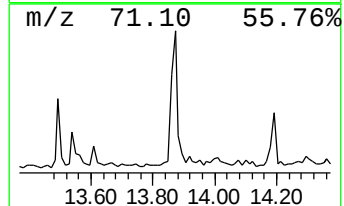
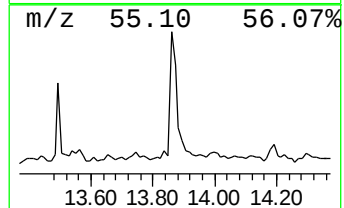
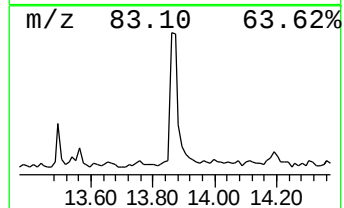
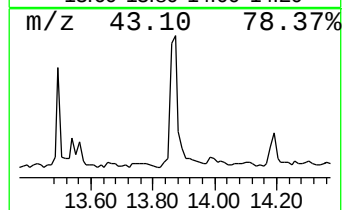
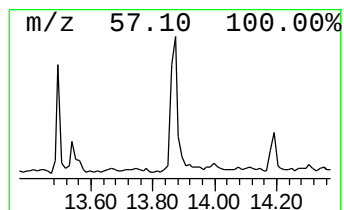
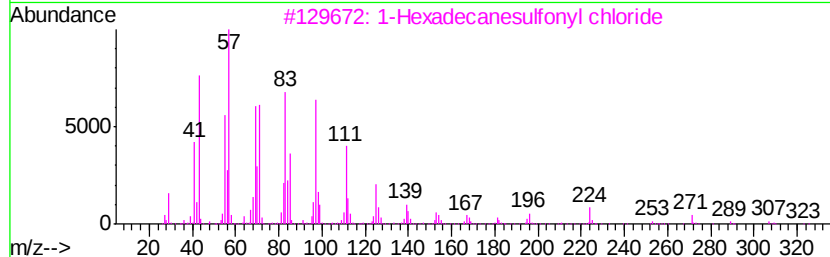
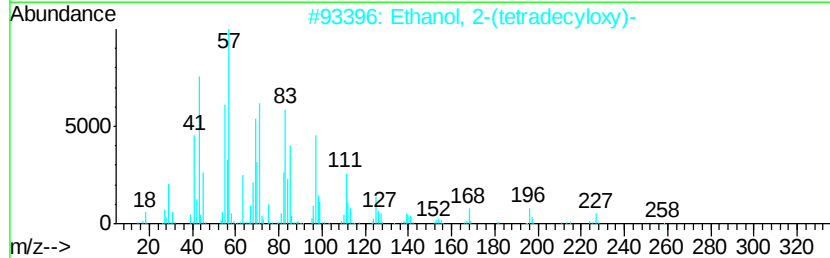
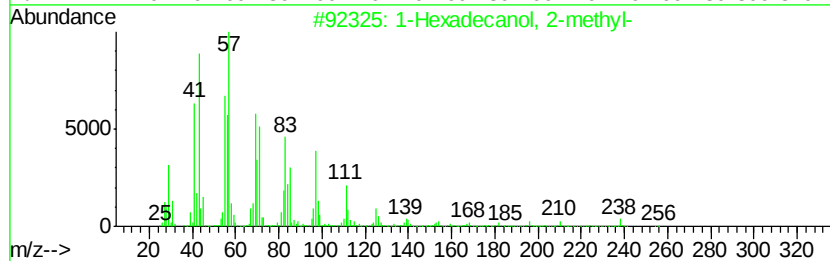
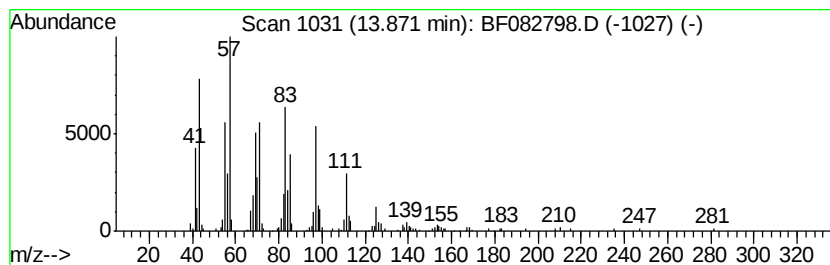
Instrument :
BNA_F
ClientSampleId :
T-14C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Hexadecanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.87	4.35 ng	453378	Chrysene-d12	14.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	91	
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87	
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87	
4	Cyclopentadecane	210	C15H30	000295-48-7	83	
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	81	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082798.D
Acq On : 7 Nov 2015 9:08
Operator : UM/IZ
Sample : G4246-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-14C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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...	5.04	41.9	ng	3118320	1	6.84	1486950	20.0
unknown6.61	6.61	69.9	ng	5194820	1	6.84	1486950	20.0
Pentadecanoic acid	11.91	2.9	ng	319365	4	11.37	2180110	20.0
Hexadecanoic acid...	12.79	2.8	ng	288917	5	14.01	2084540	20.0
Octadecanoic acid...	13.49	2.1	ng	222747	5	14.01	2084540	20.0
1-Hexadecanol, 2-...	13.87	4.3	ng	453378	5	14.01	2084540	20.0