

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082379.D
 Acq On : 20 Oct 2015 3:36
 Operator : UM/IZ
 Sample : G4040-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-1.5-05

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-BF101015.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	4.297	186	189	200	rVB	23351	37479	1.19%	0.144%
2	4.971	245	248	260	rVB	927776	1721335	54.57%	6.606%
3	5.406	283	286	288	rBV	2306832	2490309	78.94%	9.557%
4	5.794	318	320	323	rBV	38385	42607	1.35%	0.164%
5	6.446	374	377	380	rBV	1845359	2225850	70.56%	8.542%
6	6.572	386	388	391	rBV	2613781	2443407	77.46%	9.377%
7	6.800	406	408	411	rBV	606645	522132	16.55%	2.004%
8	6.960	419	422	424	rBV	2253378	2123601	67.32%	8.149%
9	7.372	455	458	461	rBV	1158062	1432211	45.40%	5.496%
10	8.092	519	521	523	rBV	779336	659731	20.91%	2.532%
11	9.178	613	616	618	rBV	3100147	3154561	100.00%	12.106%
12	9.246	620	622	624	rVB2	28280	36633	1.16%	0.141%
13	9.566	648	650	653	rBV	403557	471638	14.95%	1.810%
14	9.783	667	669	671	rVB	28542	34030	1.08%	0.131%
15	9.852	672	675	677	rVV	887359	767523	24.33%	2.945%
16	10.183	701	704	706	rBV	28730	39877	1.26%	0.153%
17	10.275	711	712	714	rBV	70234	75572	2.40%	0.290%
18	10.503	729	732	735	rBV	33513	58097	1.84%	0.223%
19	10.640	742	744	747	rBV	1355046	1525716	48.37%	5.855%
20	10.755	752	754	757	rBV	124632	167802	5.32%	0.644%
21	11.075	780	782	786	rBV3	18000	39240	1.24%	0.151%
22	11.201	791	793	794	rBV	125224	105558	3.35%	0.405%
23	11.235	794	796	799	rVB	50595	67793	2.15%	0.260%
24	11.338	803	805	809	rBV2	750451	857332	27.18%	3.290%
25	11.578	824	826	829	rBV3	36261	61153	1.94%	0.235%
26	11.623	829	830	832	rVB	46605	63956	2.03%	0.245%
27	11.875	848	852	854	rBV2	67821	118207	3.75%	0.454%
28	11.955	857	859	862	rVB2	33121	50579	1.60%	0.194%
29	12.035	865	866	868	rVB	45174	37348	1.18%	0.143%
30	12.115	871	873	876	rBV2	31326	51759	1.64%	0.199%
31	12.424	899	900	903	rVB	34260	34044	1.08%	0.131%
32	12.549	909	911	914	rBV	139043	164487	5.21%	0.631%
33	12.778	929	931	935	rBV	145669	230772	7.32%	0.886%
34	12.938	942	945	947	rBV	1742369	2466840	78.20%	9.467%

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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 >
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35	13.281	973	975	977	rBV2	35816	57379	1.82%	0.220%
36	14.012	1035	1039	1040	rBV3	442533	732823	23.23%	2.812%
37	15.510	1167	1170	1177	rVB	428714	655960	20.79%	2.517%
38	16.161	1225	1227	1231	rVB	111552	232794	7.38%	0.893%

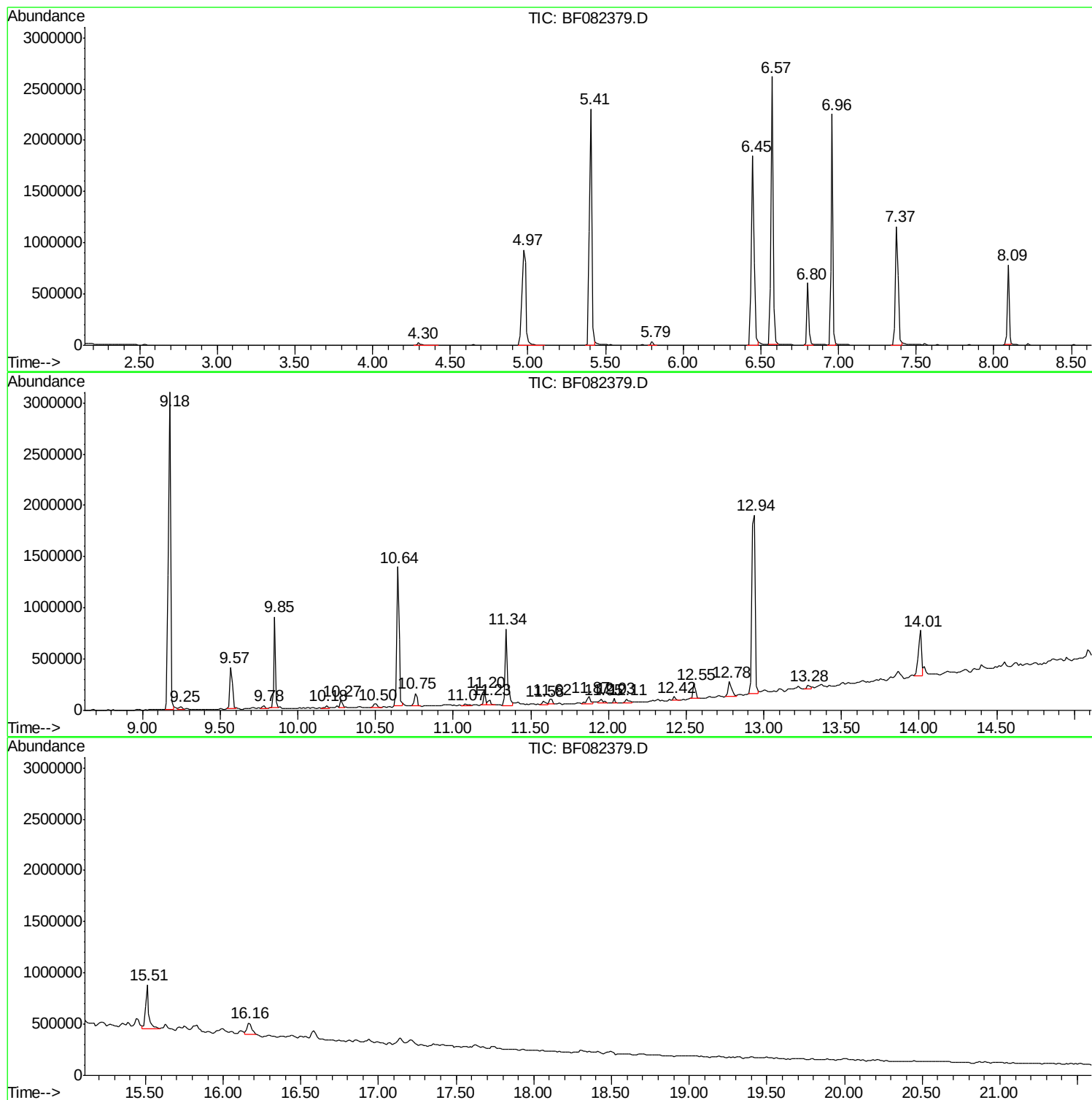
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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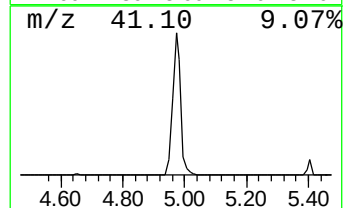
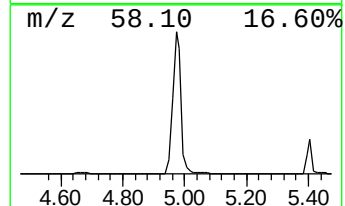
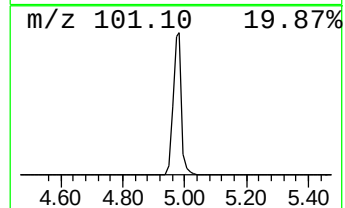
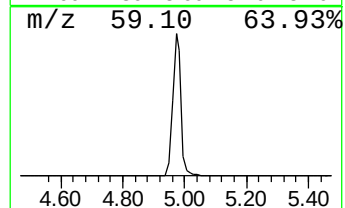
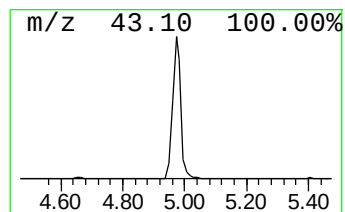
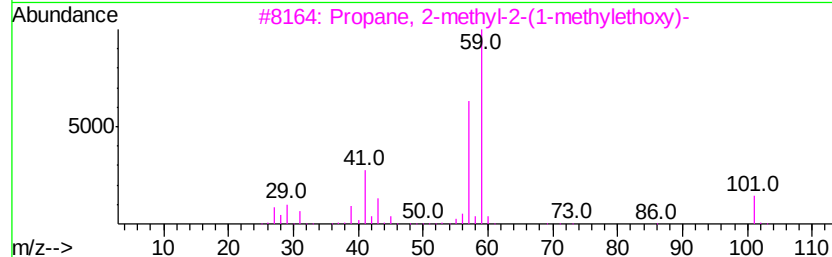
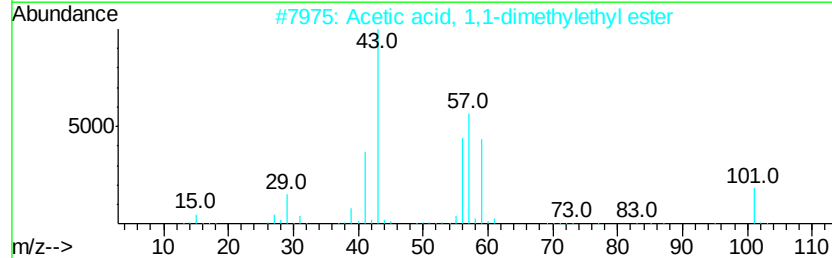
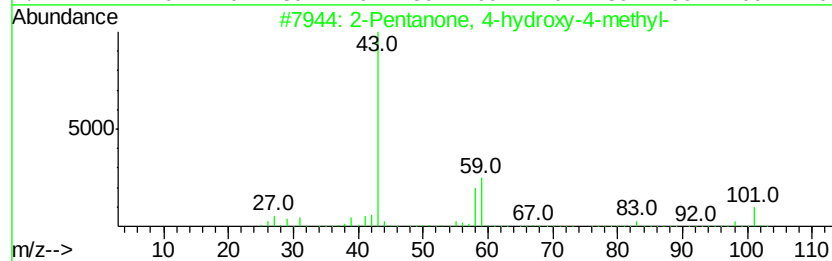
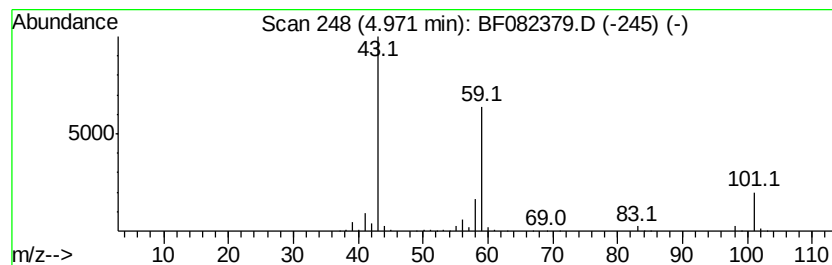
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.97	65.93 ng	1721340	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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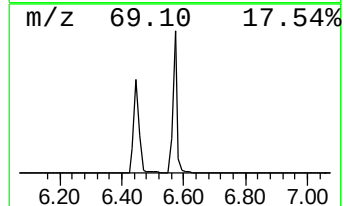
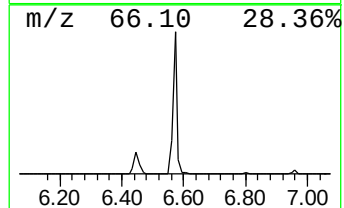
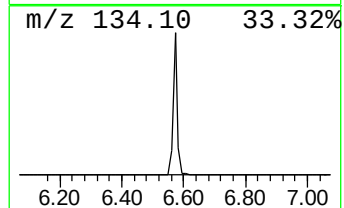
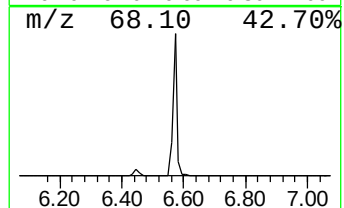
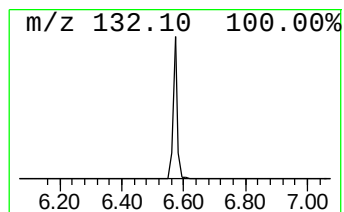
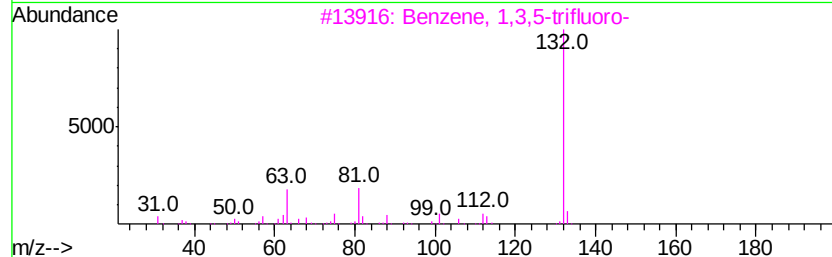
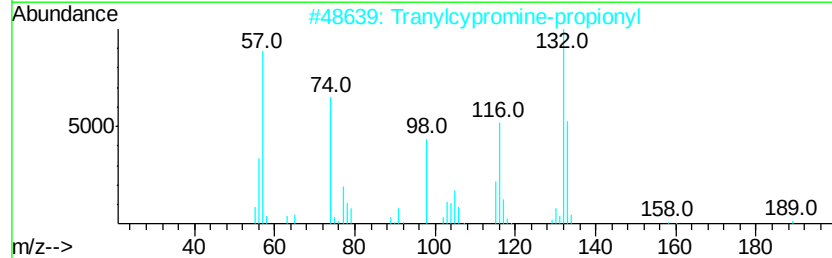
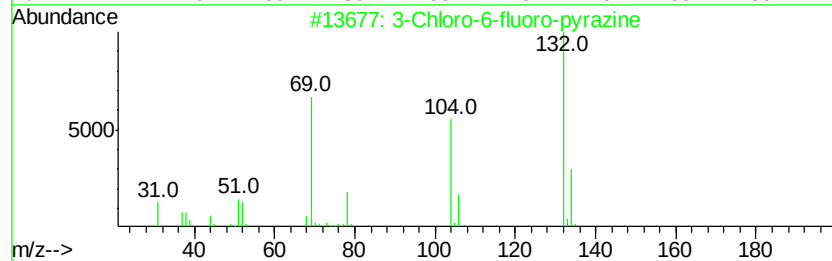
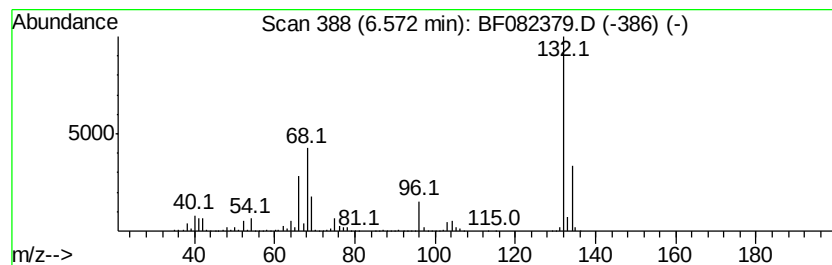
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	93.59 ng	2443410	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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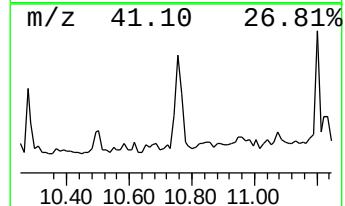
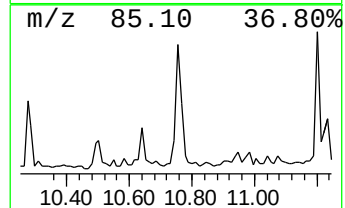
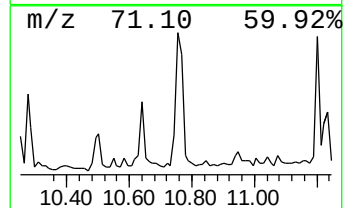
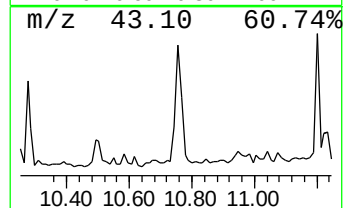
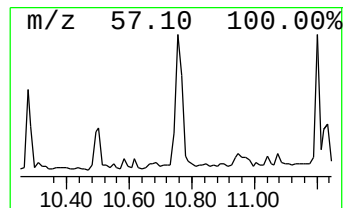
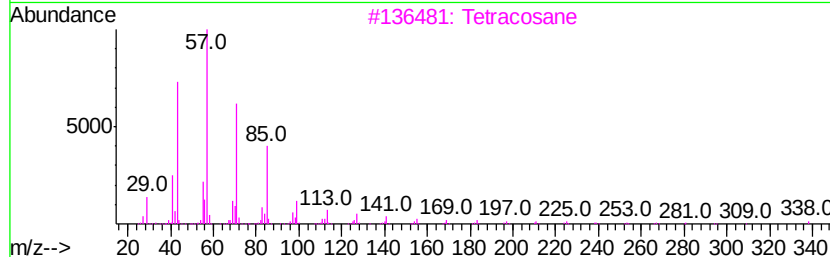
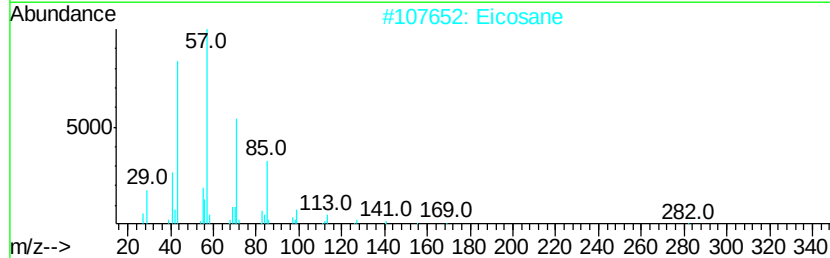
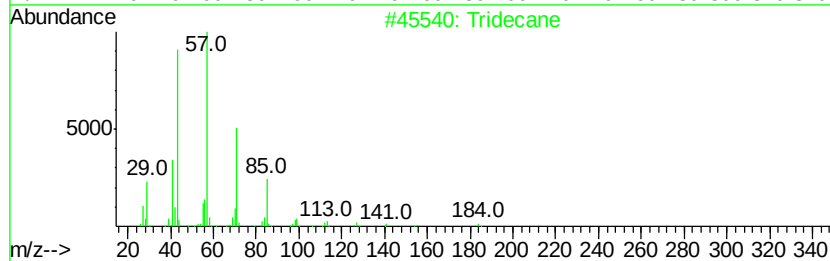
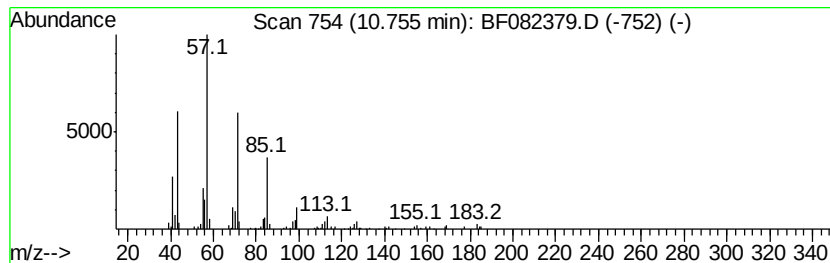
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.75	3.91 ng	167802	Phenanthrene-d10	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



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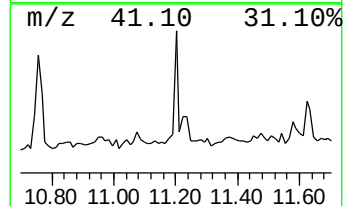
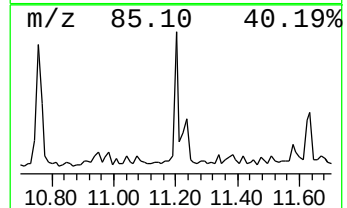
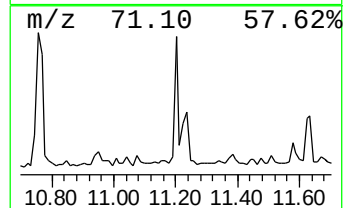
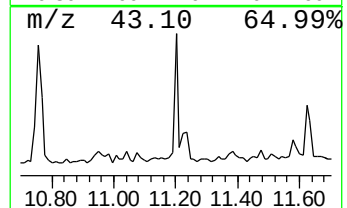
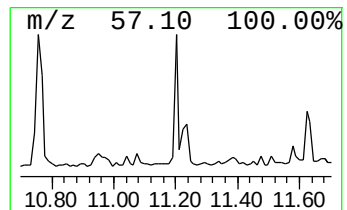
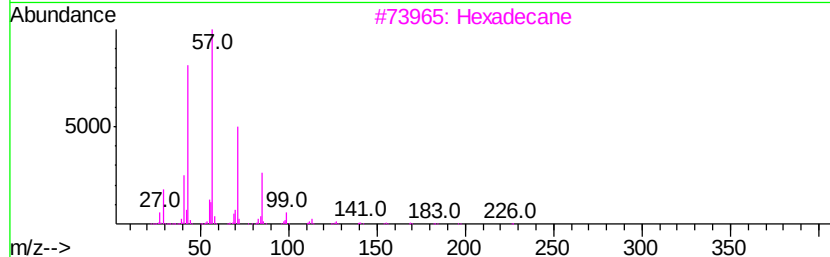
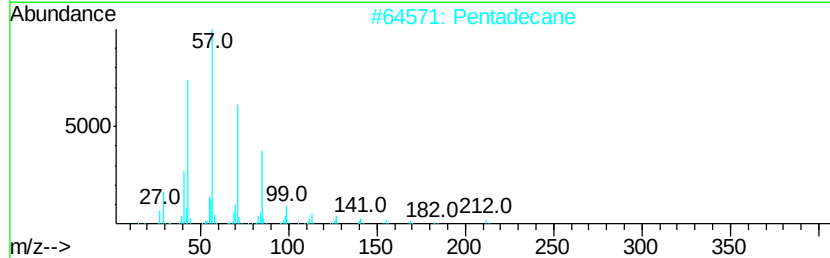
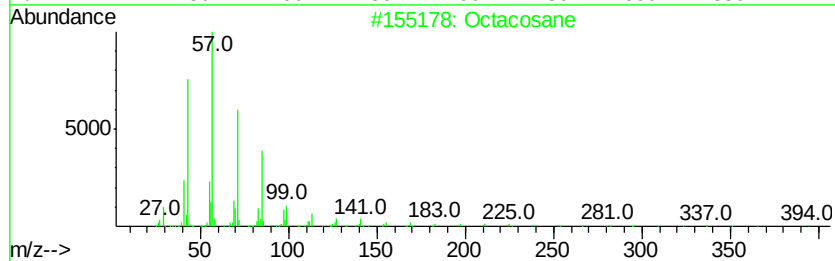
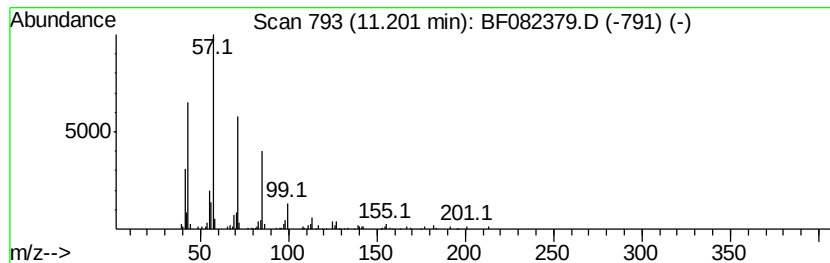
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.46 ng	105558	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	90
2	Pentadecane		212	C15H32	000629-62-9	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
5	Heptadecane		240	C17H36	000629-78-7	86



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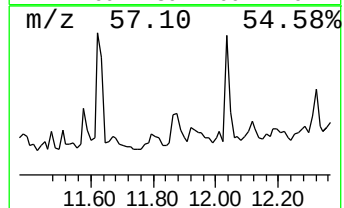
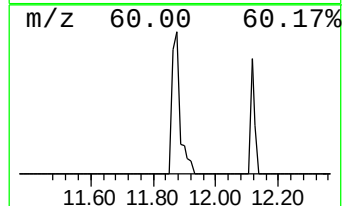
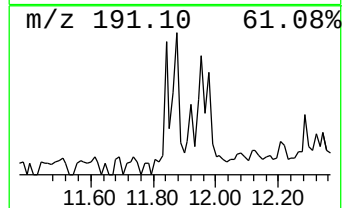
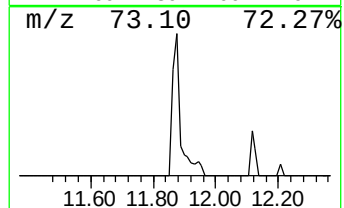
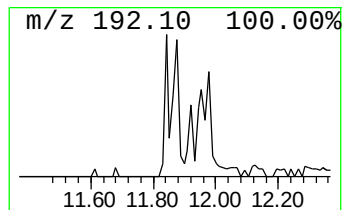
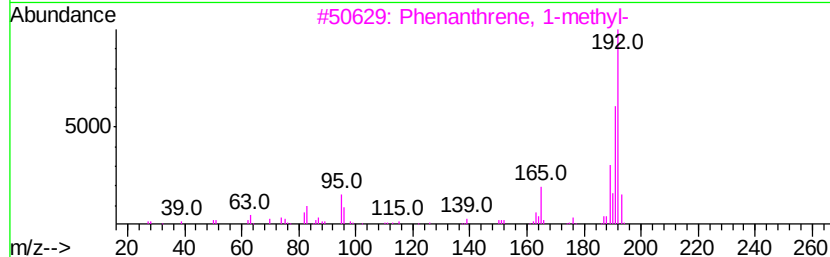
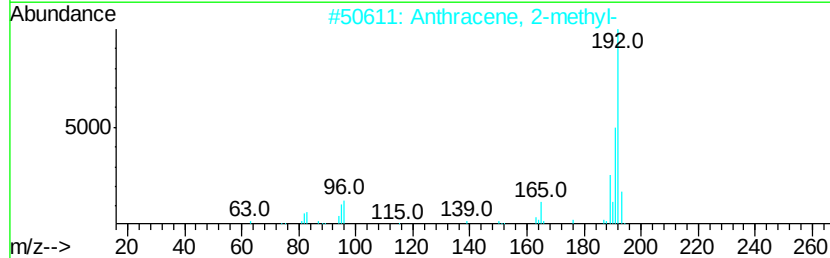
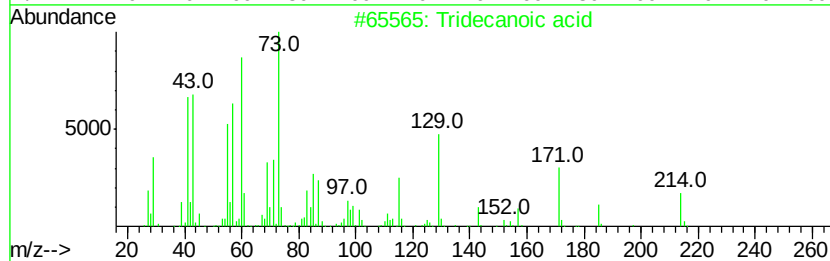
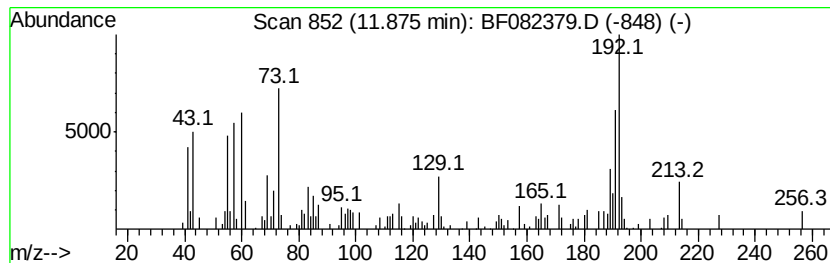
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	2.76 ng	118207	Phenanthrene-d10	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50



Data Path : U:\HPCHEM1\BNA_F\DATA\BF101915\
Data File : BF082379.D
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Instrument :
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ClientSampleId :
IM-MLA-1.5-05

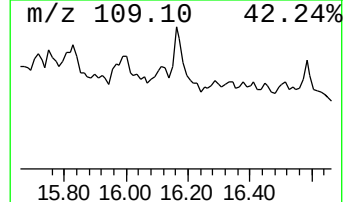
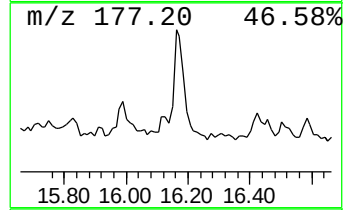
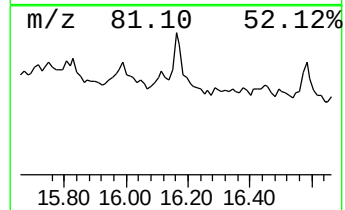
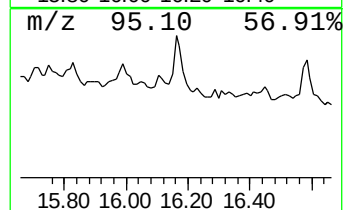
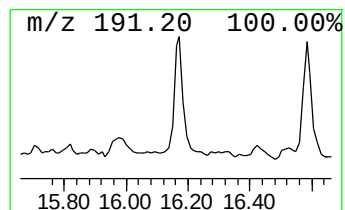
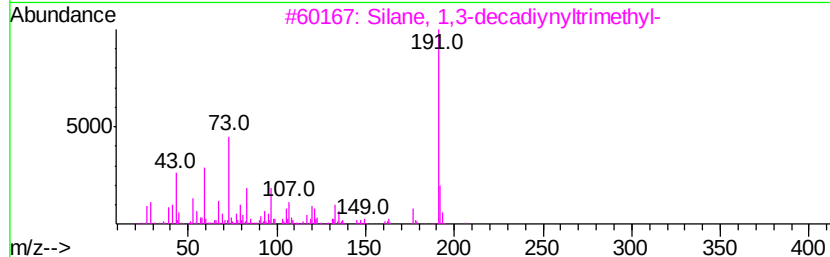
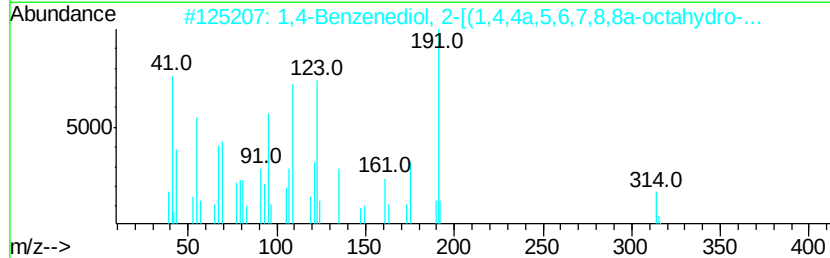
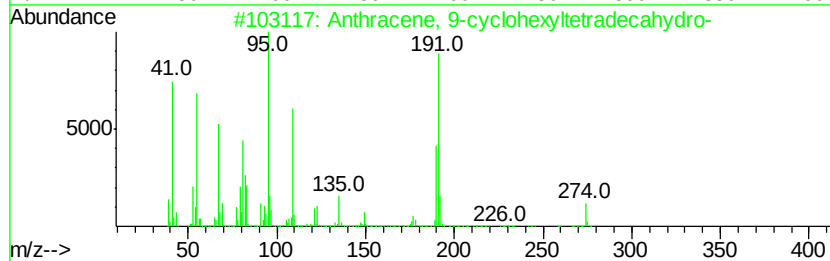
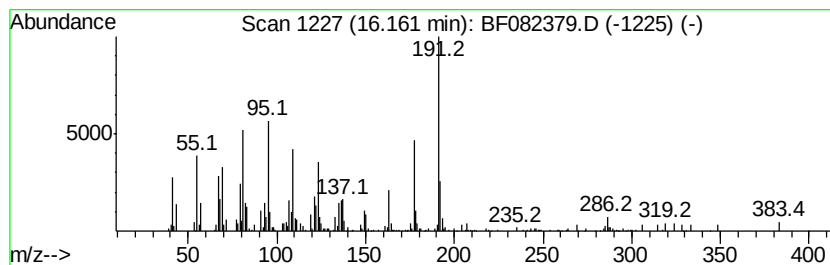
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown16.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	7.10 ng	232794	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	40
2		1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314	C21H30O2	039707-55-6	35
3		Silane, 1,3-decadiynyltrimethyl-	206	C13H22Si	084751-17-7	27
4		3-Nitrophenyl 3,4-dimethoxycinna...	328	C17H16N2O5	300672-81-5	22
5		Acetamide, N-[3-[(2,5-dioxo-1-p...	303	C16H21N3O3	027550-64-7	22



Data Path : U:\HPCHEM1\BNA_F\DATA\BF101915\
Data File : BF082379.D
Acq On : 20 Oct 2015 3:36
Operator : UM/IZ
Sample : G4040-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-1.5-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	4.97	65.9	ng	1721340	1	6.80	522132	20.0
unknown6.57	6.57	93.6	ng	2443410	1	6.80	522132	20.0
Tridecane	10.75	3.9	ng	167802	4	11.34	857332	20.0
Octacosane	11.20	2.5	ng	105558	4	11.34	857332	20.0
Tridecanoic acid	11.87	2.8	ng	118207	4	11.34	857332	20.0
unknown16.16	16.16	7.1	ng	232794	6	15.51	655960	20.0