

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082164.D
 Acq On : 10 Oct 2015 00:48
 Operator : UM/IZ
 Sample : G3928-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(46-48)A

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-BF092815.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	5.040	251	254	263	rVB	735248	1101222	49.02%	5.034%
2	5.452	287	290	293	rBV	1655168	2002207	89.13%	9.153%
3	6.492	378	381	383	rBV	1988159	2246413	100.00%	10.269%
4	6.617	390	392	395	rBV	2077719	2101603	93.55%	9.607%
5	6.846	410	412	415	rBV	478917	501849	22.34%	2.294%
6	7.006	423	426	428	rBV	1806895	1643437	73.16%	7.513%
7	7.417	460	462	468	rBV	1028777	1070547	47.66%	4.894%
8	7.520	468	471	475	rVB2	47722	66073	2.94%	0.302%
9	7.875	500	502	504	rBV2	17226	22862	1.02%	0.105%
10	8.035	514	516	519	rBV	39241	53080	2.36%	0.243%
11	8.137	522	525	526	rBV	761460	673657	29.99%	3.079%
12	8.949	594	596	598	rBV	97239	81428	3.62%	0.372%
13	9.086	605	608	610	rBV	50278	47742	2.13%	0.218%
14	9.212	616	619	622	rBV	1553664	2145215	95.50%	9.806%
15	9.555	647	649	652	rBV	16293	27269	1.21%	0.125%
16	9.612	652	654	656	rBV	463051	384093	17.10%	1.756%
17	9.898	676	679	681	rBV	669675	707151	31.48%	3.233%
18	10.298	712	714	715	rBV	29746	34266	1.53%	0.157%
19	10.321	715	716	717	rVB	32925	22848	1.02%	0.104%
20	10.538	733	735	739	rBV	12270	24071	1.07%	0.110%
21	10.686	745	748	750	rBV	1271591	1253704	55.81%	5.731%
22	10.789	756	757	762	rVB	32772	56021	2.49%	0.256%
23	11.246	794	797	798	rBV	21218	32231	1.43%	0.147%
24	11.384	806	809	810	rBV	534600	566246	25.21%	2.588%
25	11.406	810	811	813	rVB	56600	44764	1.99%	0.205%
26	11.601	825	828	832	rBV4	13318	24028	1.07%	0.110%
27	11.669	832	834	835	rVV	25408	23456	1.04%	0.107%
28	11.909	851	855	857	rBV	133383	145778	6.49%	0.666%
29	11.989	861	862	868	rVB	25444	45322	2.02%	0.207%
30	12.424	898	900	902	rBV2	18295	23096	1.03%	0.106%
31	12.492	905	906	912	rVB4	47446	48357	2.15%	0.221%
32	12.595	912	915	917	rBV	72004	79149	3.52%	0.362%
33	12.687	921	923	927	rBV2	25697	38698	1.72%	0.177%
34	12.789	929	932	933	rBV	186450	243371	10.83%	1.113%

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Sampling : 1
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.824	933	935	937	rVV	86590	114419	5.09%	0.523%
36	12.858	937	938	942	rVB2	47806	49890	2.22%	0.228%
37	12.972	945	948	950	rBV	1445970	1684004	74.96%	7.698%
38	13.041	952	954	957	rVB	15712	24277	1.08%	0.111%
39	13.144	960	963	966	rBV2	14108	37663	1.68%	0.172%
40	13.487	991	993	995	rVB2	151320	170471	7.59%	0.779%
41	13.532	995	997	998	rVV2	39024	40287	1.79%	0.184%
42	13.555	998	999	1002	rVB3	17673	22521	1.00%	0.103%
43	13.772	1014	1018	1019	rBV3	10418	28327	1.26%	0.129%
44	13.852	1023	1025	1032	rVB	168886	259951	11.57%	1.188%
45	13.989	1034	1037	1038	rBV	138453	239332	10.65%	1.094%
46	14.024	1038	1040	1042	rVB	440028	460379	20.49%	2.105%
47	14.184	1051	1054	1056	rBV	53425	59818	2.66%	0.273%
48	14.492	1078	1081	1083	rBV2	49829	88181	3.93%	0.403%
49	14.778	1103	1106	1109	rBV2	51432	107000	4.76%	0.489%
50	15.041	1127	1129	1133	rBV	51202	106111	4.72%	0.485%
51	15.110	1133	1135	1137	rVB2	30330	36751	1.64%	0.168%
52	15.338	1153	1155	1158	rVB	34500	42252	1.88%	0.193%
53	15.395	1158	1160	1163	rVV	40688	58343	2.60%	0.267%
54	15.464	1163	1166	1175	rVB	303000	449968	20.03%	2.057%
55	15.898	1201	1204	1206	rBV	20259	34542	1.54%	0.158%
56	15.944	1206	1208	1212	rVV3	16953	27893	1.24%	0.128%
57	16.378	1243	1246	1248	rBV	13283	24705	1.10%	0.113%
58	16.881	1286	1290	1293	rBV2	16211	42599	1.90%	0.195%
59	17.041	1300	1304	1307	rBV5	7115	24334	1.08%	0.111%
60	17.304	1324	1327	1333	rBV	13787	31774	1.41%	0.145%
61	17.407	1333	1336	1340	rBV5	10182	28668	1.28%	0.131%

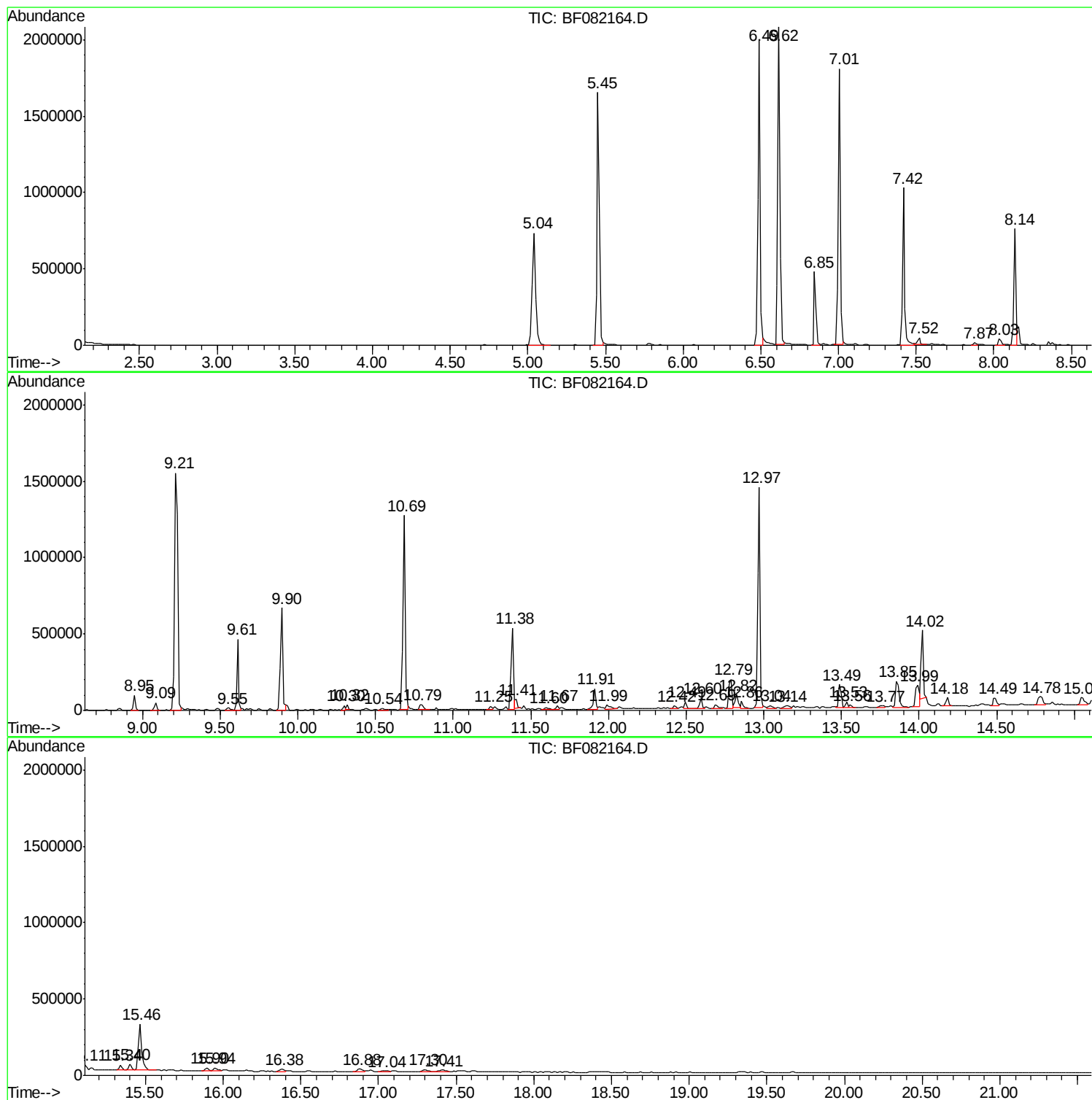
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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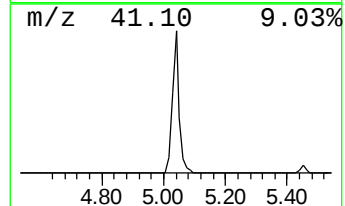
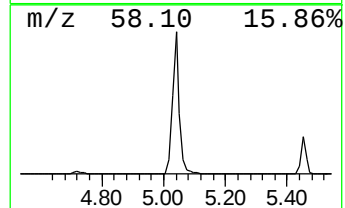
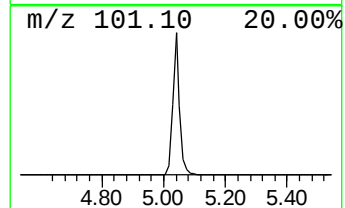
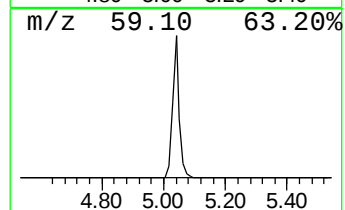
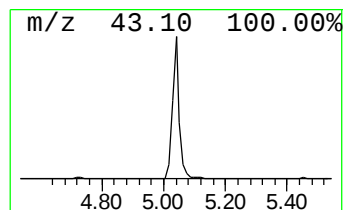
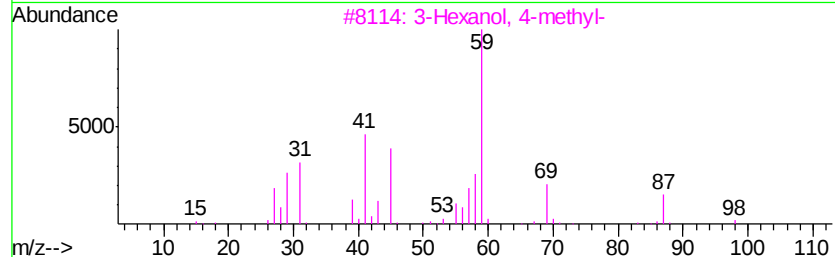
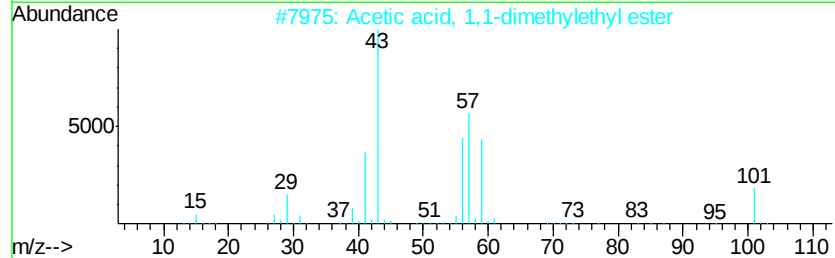
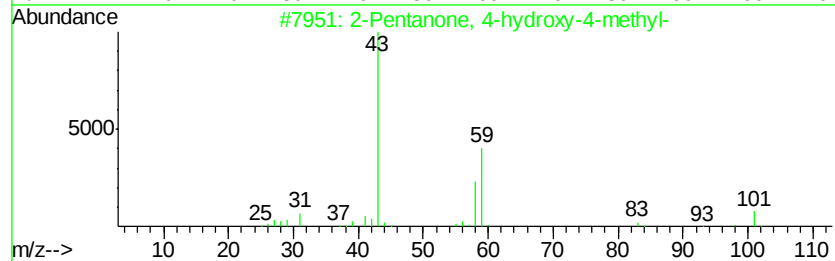
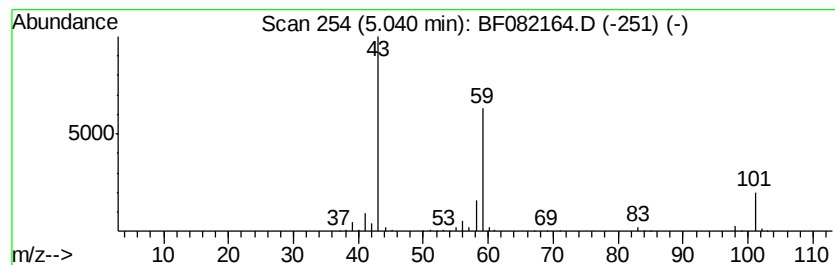
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.04	43.89 ng	1101220	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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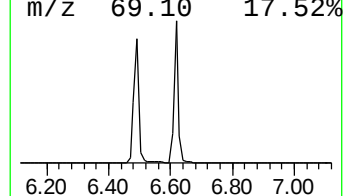
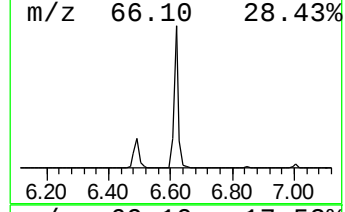
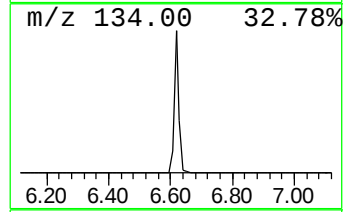
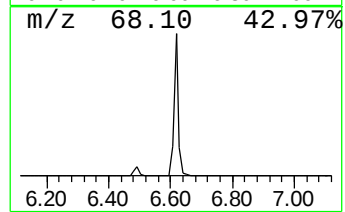
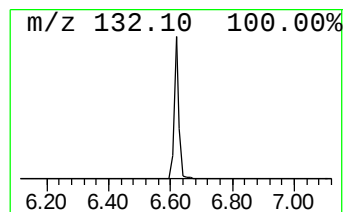
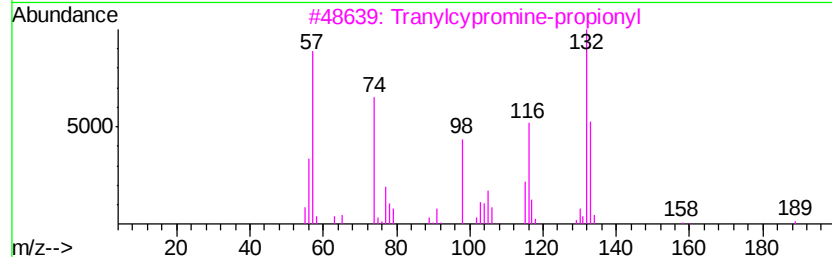
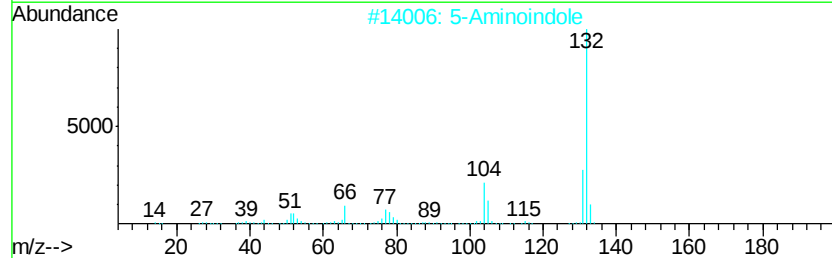
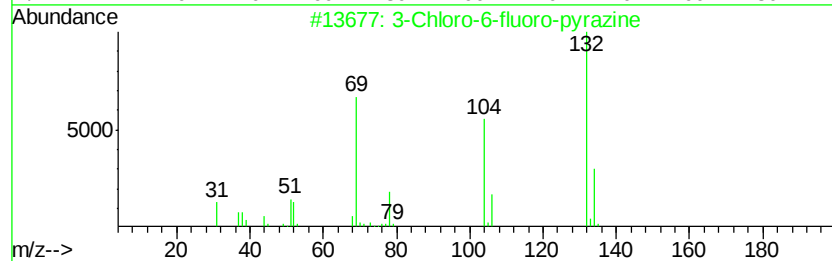
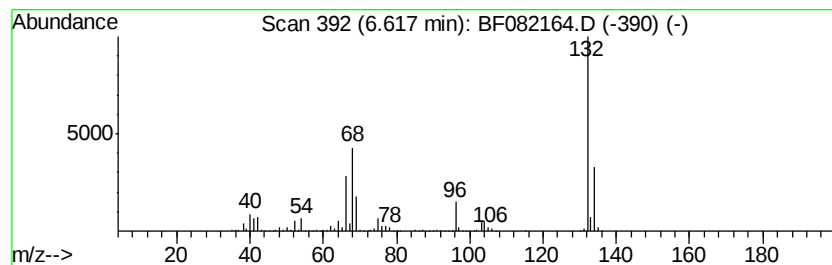
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	83.75 ng	2101600	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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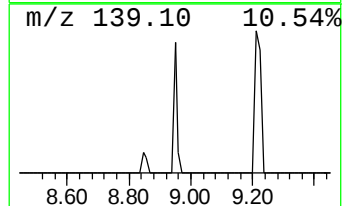
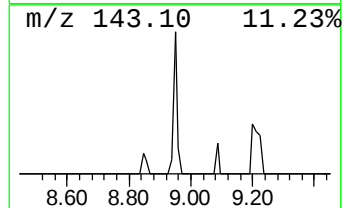
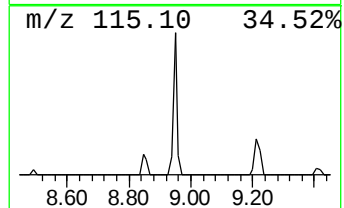
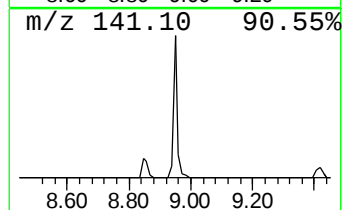
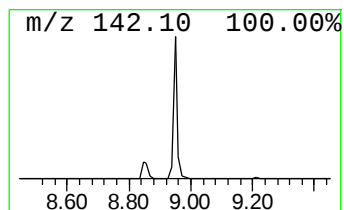
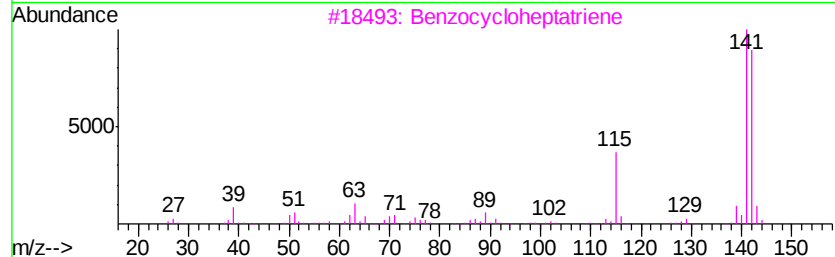
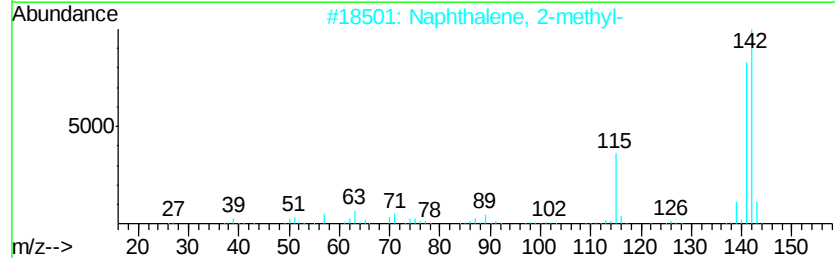
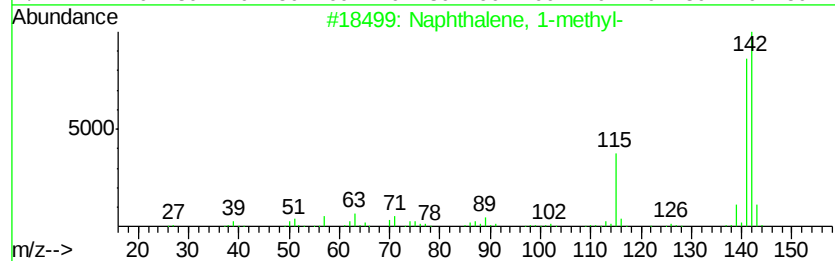
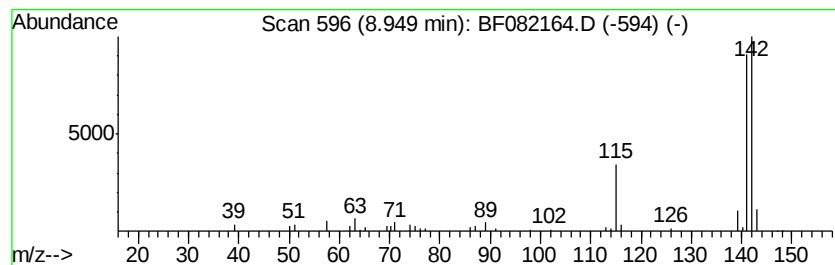
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	2.42 ng	81428	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



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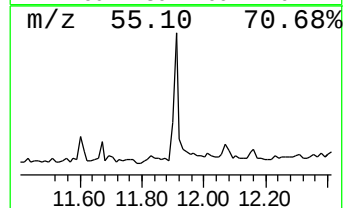
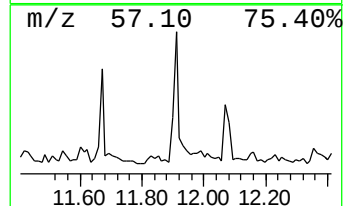
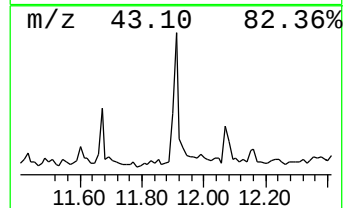
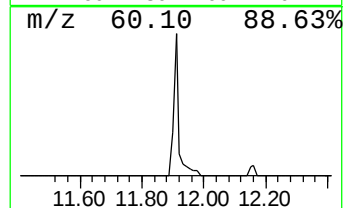
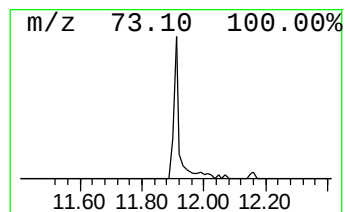
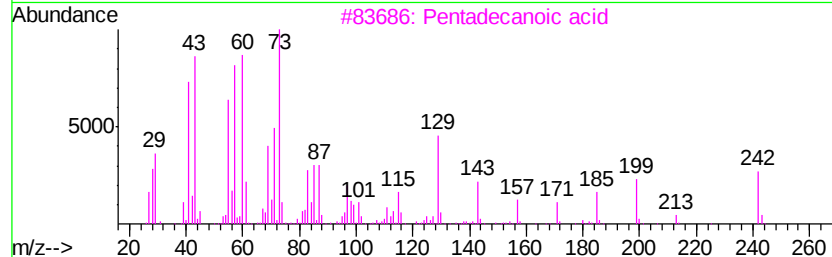
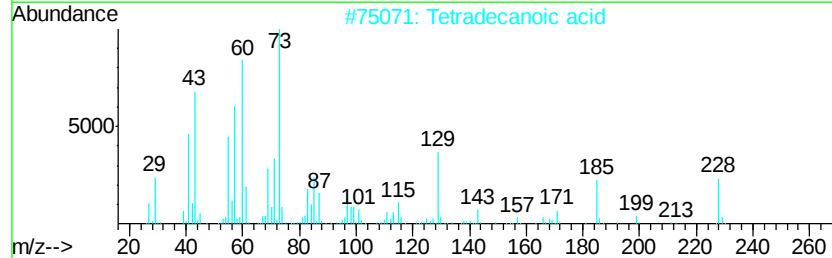
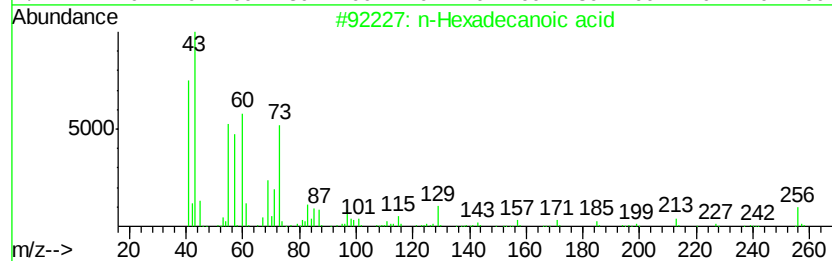
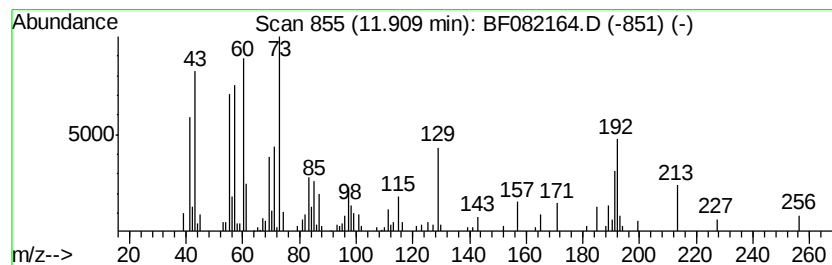
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.15 ng	145778	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4		Tridecanoic acid	214	C13H26O2	000638-53-9	43
5		Dodecanoic acid	200	C12H24O2	000143-07-7	43



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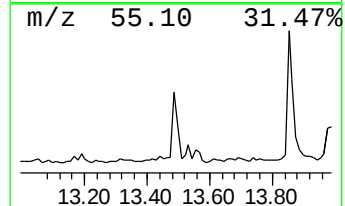
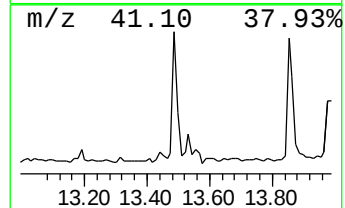
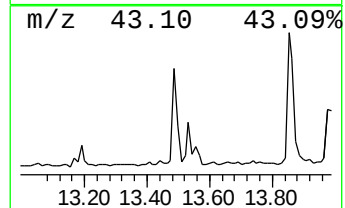
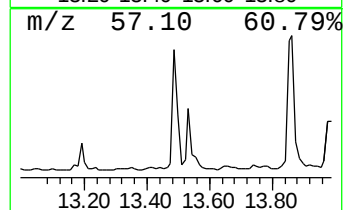
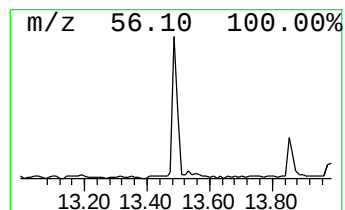
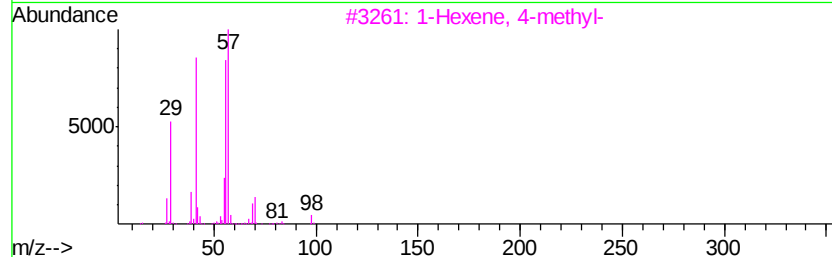
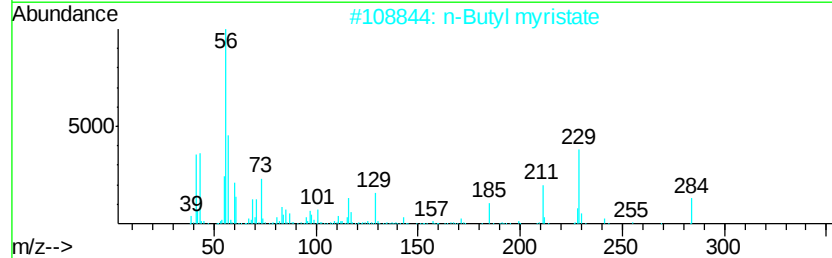
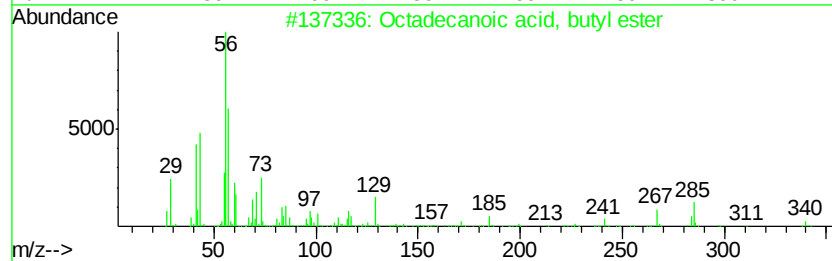
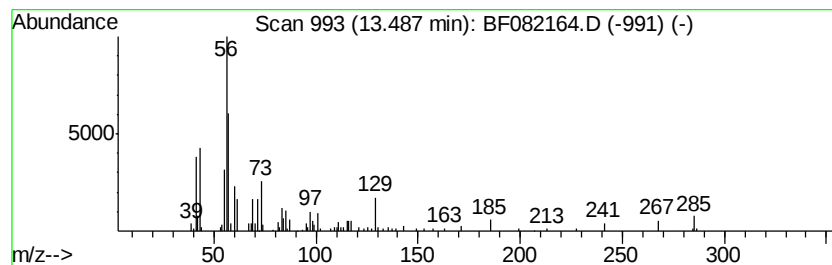
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	7.41 ng	170471	Chrysene-d12	14.02

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	90
3		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38
4		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38
5		Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082164.D
Acq On : 10 Oct 2015 00:48
Operator : UM/IZ
Sample : G3928-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

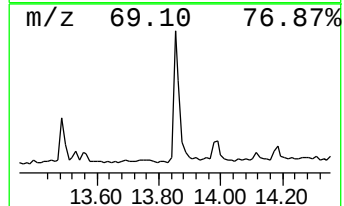
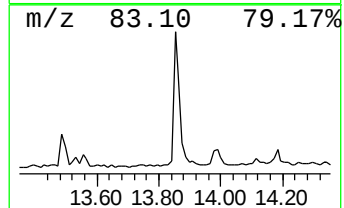
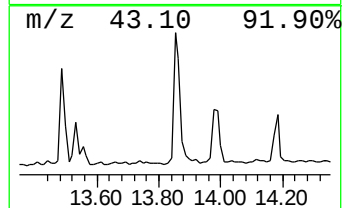
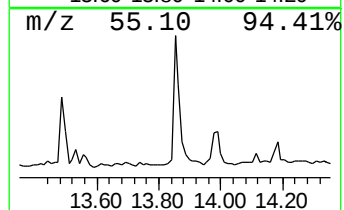
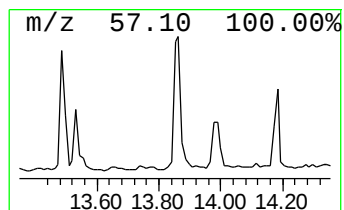
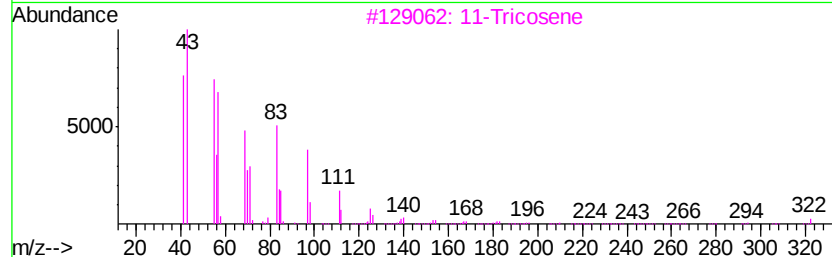
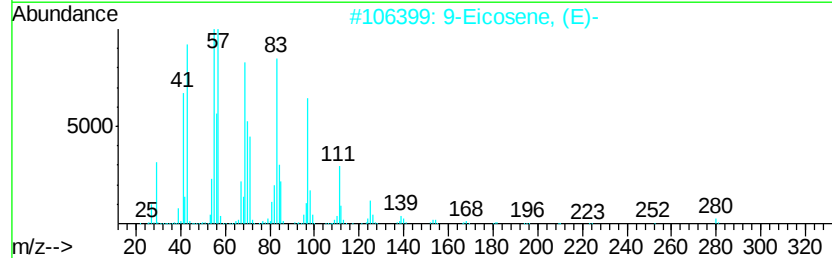
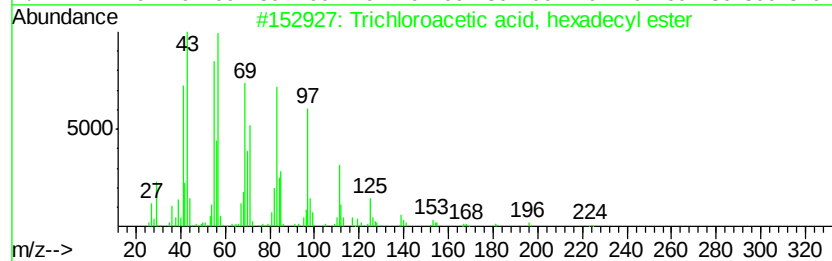
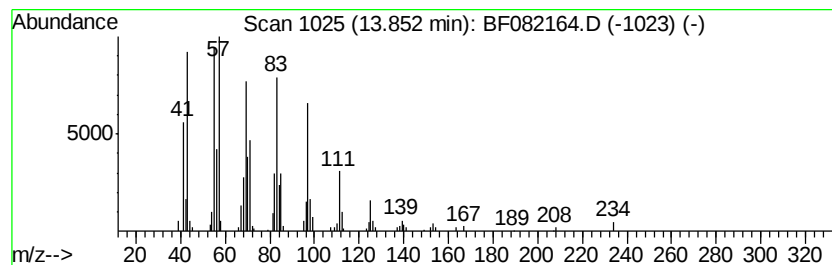
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	11.29 ng	259951	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3		11-Tricosene	322	C23H46	052078-56-5	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082164.D
Acq On : 10 Oct 2015 00:48
Operator : UM/IZ
Sample : G3928-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OS-SB-22(46-48)A

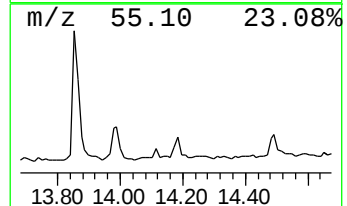
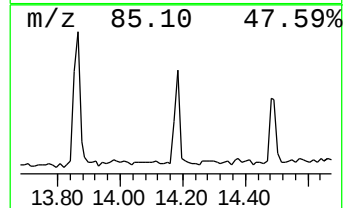
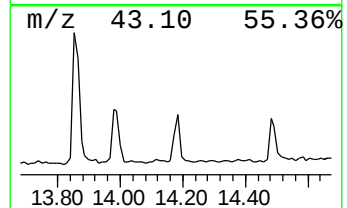
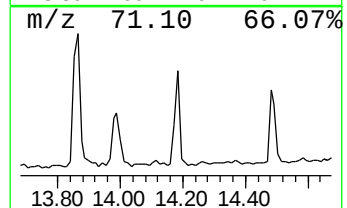
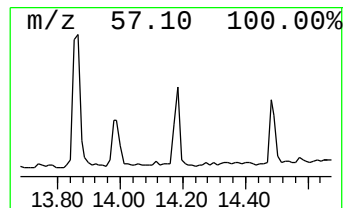
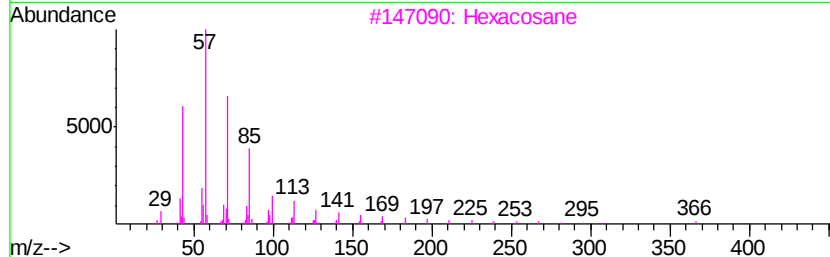
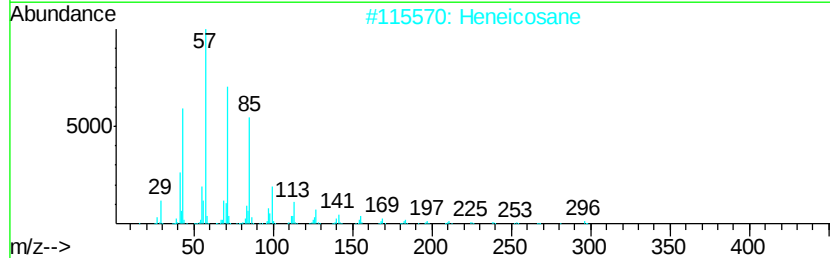
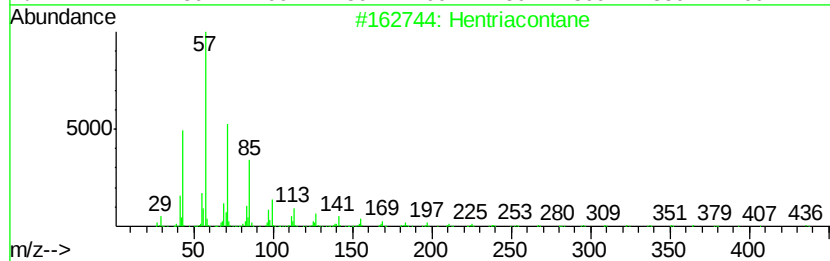
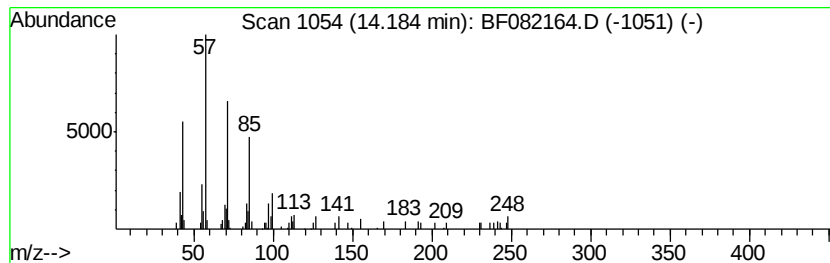
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	2.60 ng	59818	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	83
2		Heneicosane	296	C21H44	000629-94-7	83
3		Hexacosane	366	C26H54	000630-01-3	80
4		Tetratetracontane	619	C44H90	007098-22-8	80
5		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082164.D
Acq On : 10 Oct 2015 00:48
Operator : UM/IZ
Sample : G3928-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

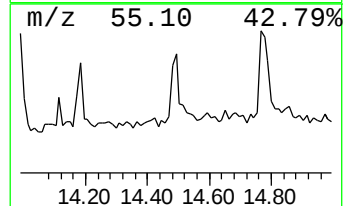
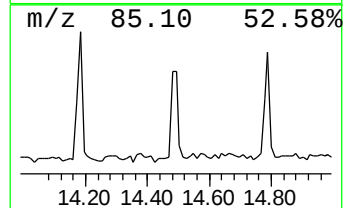
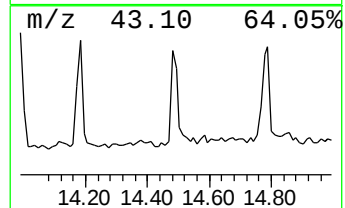
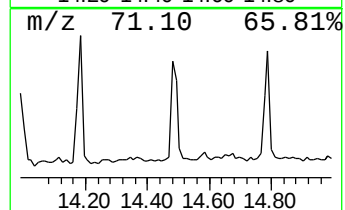
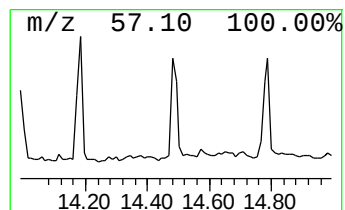
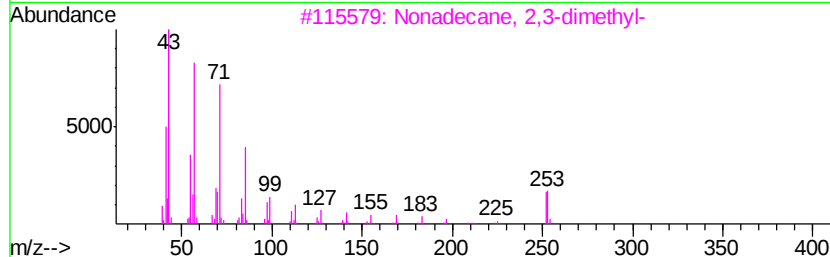
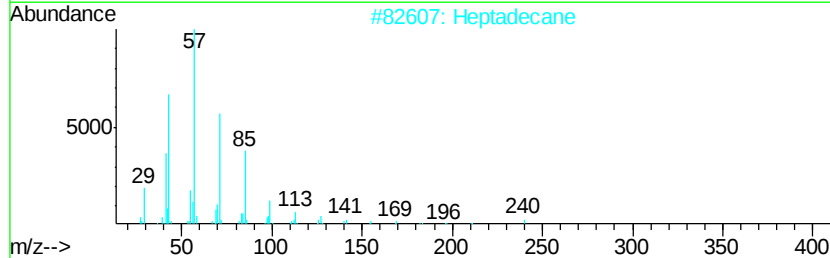
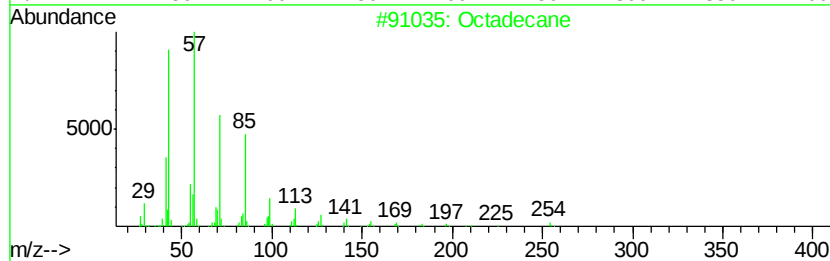
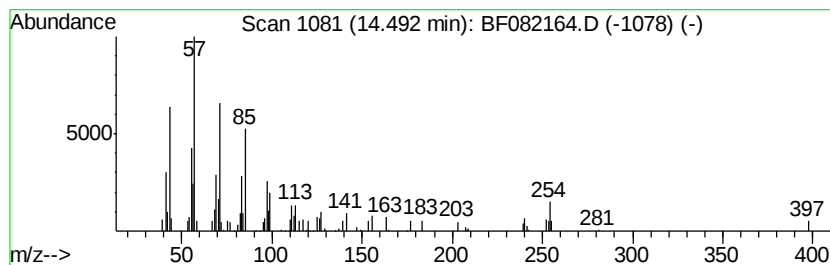
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ClientSampleId :
OS-SB-22(46-48)A

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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 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	3.83 ng	88181	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	94
2	Heptadecane	240 C17H36	000629-78-7	93
3	Nonadecane, 2,3-dimethyl-	296 C21H44	075163-99-4	72
4	Heneicosane	296 C21H44	000629-94-7	64
5	Tetratriacontane	479 C34H70	014167-59-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082164.D
Acq On : 10 Oct 2015 00:48
Operator : UM/IZ
Sample : G3928-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OS-SB-22(46-48)A

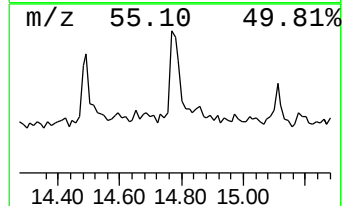
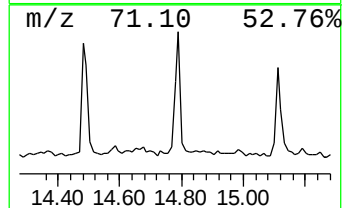
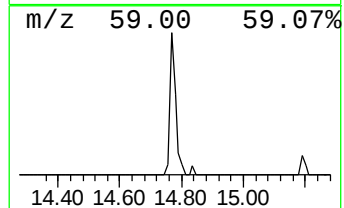
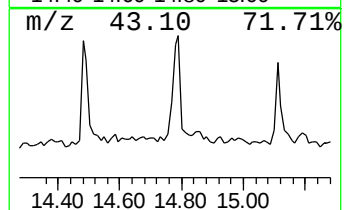
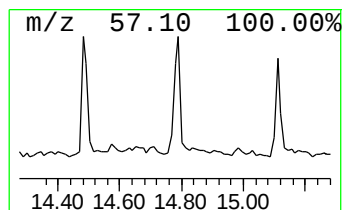
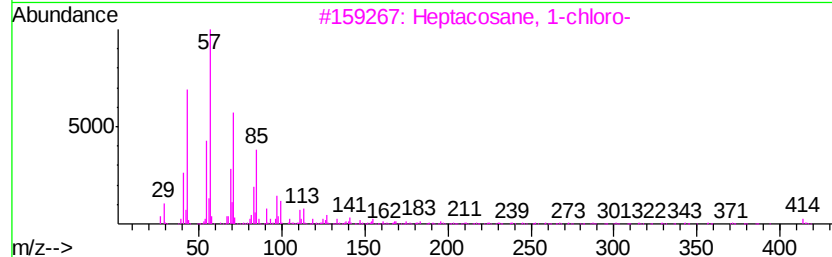
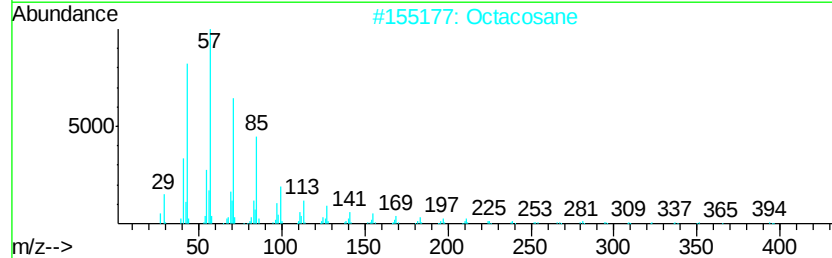
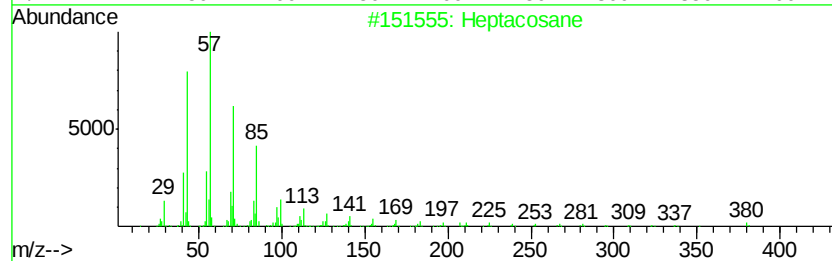
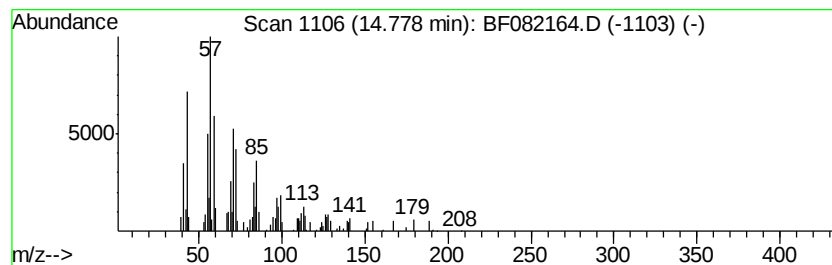
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.78 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	4.76 ng	107000	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	43
2		Octacosane	394	C28H58	000630-02-4	43
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	38
4		Tetratetracontane	619	C44H90	007098-22-8	38
5		Nonahexacontanoic acid	999	C69H138O2	040710-32-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082164.D
Acq On : 10 Oct 2015 00:48
Operator : UM/IZ
Sample : G3928-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(46-48)A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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	43.9	ng	1101220	1	6.85	501849	20.0
unknown6.62	6.62	83.8	ng	2101600	1	6.85	501849	20.0
Naphthalene, 1-me...	8.95	2.4	ng	81428	2	8.14	673657	20.0
n-Hexadecanoic acid	11.91	5.2	ng	145778	4	11.38	566246	20.0
Octadecanoic acid...	13.49	7.4	ng	170471	5	14.02	460379	20.0
Trichloroacetic a...	13.85	11.3	ng	259951	5	14.02	460379	20.0
Hentriacontane	14.18	2.6	ng	59818	5	14.02	460379	20.0
Octadecane	14.49	3.8	ng	88181	5	14.02	460379	20.0
unknown14.78	14.78	4.8	ng	107000	6	15.46	449968	20.0