

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083277.D
 Acq On : 25 Nov 2015 16:55
 Operator : UM/IZ
 Sample : G4559-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF003-01

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	4.696	234	237	254	rBV	563783	865486	26.03%	2.498%
2	5.176	277	279	293	rBV	1613374	2307025	69.38%	6.659%
3	6.250	370	373	380	rBV	3037780	2912086	87.57%	8.405%
4	6.353	380	382	385	rBV	2149063	2439428	73.36%	7.041%
5	6.582	400	402	405	rBV	899310	1030540	30.99%	2.974%
6	6.742	414	416	419	rBV	1965598	1724801	51.87%	4.978%
7	7.153	450	452	455	rBV	1603950	1558128	46.85%	4.497%
8	7.302	462	465	469	rBV	69574	102957	3.10%	0.297%
9	7.873	513	515	518	rBV	1472172	1346230	40.48%	3.886%
10	8.262	547	549	554	rBV	29533	45648	1.37%	0.132%
11	8.833	597	599	603	rBV	48161	53539	1.61%	0.155%
12	8.959	607	610	612	rBV	3463403	3273129	98.43%	9.447%
13	9.359	643	645	647	rBV	788338	672123	20.21%	1.940%
14	9.576	662	664	666	rBV	69354	74752	2.25%	0.216%
15	9.622	666	668	671	rVV	1808563	1597267	48.03%	4.610%
16	9.816	681	685	686	rBV2	14389	33300	1.00%	0.096%
17	10.045	704	705	706	rBV	34649	33681	1.01%	0.097%
18	10.079	706	708	709	rVB	119204	104725	3.15%	0.302%
19	10.296	724	727	730	rBV	43801	70557	2.12%	0.204%
20	10.410	735	737	739	rBV	1977222	2078096	62.49%	5.998%
21	10.548	745	749	753	rBV3	147171	205726	6.19%	0.594%
22	10.605	753	754	756	rVV	34797	40964	1.23%	0.118%
23	10.639	756	757	759	rVV2	56039	61663	1.85%	0.178%
24	10.673	759	760	764	rVB2	38591	53190	1.60%	0.154%
25	10.742	764	766	768	rBV2	30775	52899	1.59%	0.153%
26	10.776	768	769	772	rVV3	28288	40502	1.22%	0.117%
27	10.822	772	773	775	rVV	39143	39105	1.18%	0.113%
28	10.868	775	777	779	rVB3	25166	37651	1.13%	0.109%
29	10.993	783	788	789	rBV2	90367	97830	2.94%	0.282%
30	11.096	795	797	800	rBV	1880879	1626581	48.91%	4.695%
31	11.153	800	802	808	rVB2	25013	67938	2.04%	0.196%
32	11.416	823	825	828	rVB	53002	56262	1.69%	0.162%
33	11.576	836	839	842	rBV	18289	39537	1.19%	0.114%
34	11.656	844	846	850	rBV2	204588	284815	8.56%	0.822%

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35	11.931	868	870	873	rBV	36053	54382	1.64%	0.157%
36	11.976	873	874	878	rVV	31393	53354	1.60%	0.154%
37	12.079	881	883	887	rVV2	32213	65629	1.97%	0.189%
38	12.136	887	888	891	rVV	63477	104681	3.15%	0.302%
39	12.182	891	892	897	rVB2	37330	47744	1.44%	0.138%
40	12.331	903	905	910	rBV2	43559	80146	2.41%	0.231%
41	12.434	912	914	917	rBV2	118772	166036	4.99%	0.479%
42	12.479	917	918	920	rVV	78446	96148	2.89%	0.278%
43	12.525	920	922	926	rVB3	35789	59135	1.78%	0.171%
44	12.685	933	936	938	rBV	3188465	3325435	100.00%	9.598%
45	12.834	947	949	952	rBV	99436	155466	4.68%	0.449%
46	12.936	956	958	959	rVV2	33640	41303	1.24%	0.119%
47	12.971	959	961	963	rVB2	30793	48945	1.47%	0.141%
48	13.085	969	971	974	rBV3	20242	50962	1.53%	0.147%
49	13.154	974	977	980	rVV	160634	294609	8.86%	0.850%
50	13.211	980	982	984	rVV	88681	118309	3.56%	0.341%
51	13.302	987	990	991	rVV	122321	175550	5.28%	0.507%
52	13.336	991	993	995	rVV	274721	308153	9.27%	0.889%
53	13.382	995	997	1000	rVB	92712	123359	3.71%	0.356%
54	13.519	1008	1009	1013	rVB3	36945	34835	1.05%	0.101%
55	13.599	1013	1016	1018	rBV2	134186	242027	7.28%	0.699%
56	13.645	1018	1020	1022	rVB	181888	193569	5.82%	0.559%
57	13.691	1022	1024	1025	rBV	66007	92352	2.78%	0.267%
58	13.714	1025	1026	1029	rVB	1076439	1435851	43.18%	4.144%
59	13.919	1042	1044	1045	rBV	31608	36132	1.09%	0.104%
60	13.954	1045	1047	1049	rVV	57965	61525	1.85%	0.178%
61	13.988	1049	1050	1053	rVB2	24752	36944	1.11%	0.107%
62	14.125	1061	1062	1064	rBV2	26508	38091	1.15%	0.110%
63	14.217	1068	1070	1074	rBV2	71622	153048	4.60%	0.442%
64	14.399	1082	1086	1092	rVB3	28163	78387	2.36%	0.226%
65	14.799	1119	1121	1126	rBV	103501	174896	5.26%	0.505%
66	15.074	1142	1145	1148	rBV	804396	1144984	34.43%	3.305%
67	15.120	1148	1149	1152	rVB	34006	46149	1.39%	0.133%
68	15.485	1179	1181	1183	rBV	80438	108103	3.25%	0.312%
69	15.531	1183	1185	1188	rVV4	35335	73543	2.21%	0.212%
70	15.588	1188	1190	1193	rVB	22237	36942	1.11%	0.107%
71	15.897	1213	1217	1219	rBV2	16578	34890	1.05%	0.101%

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72	16.331	1252	1255	1258	rBV4	27038	52606	1.58%	0.152%
73	16.548	1270	1274	1279	rVB5	51438	133241	4.01%	0.385%
74	18.434	1437	1439	1444	rVB6	17880	41870	1.26%	0.121%

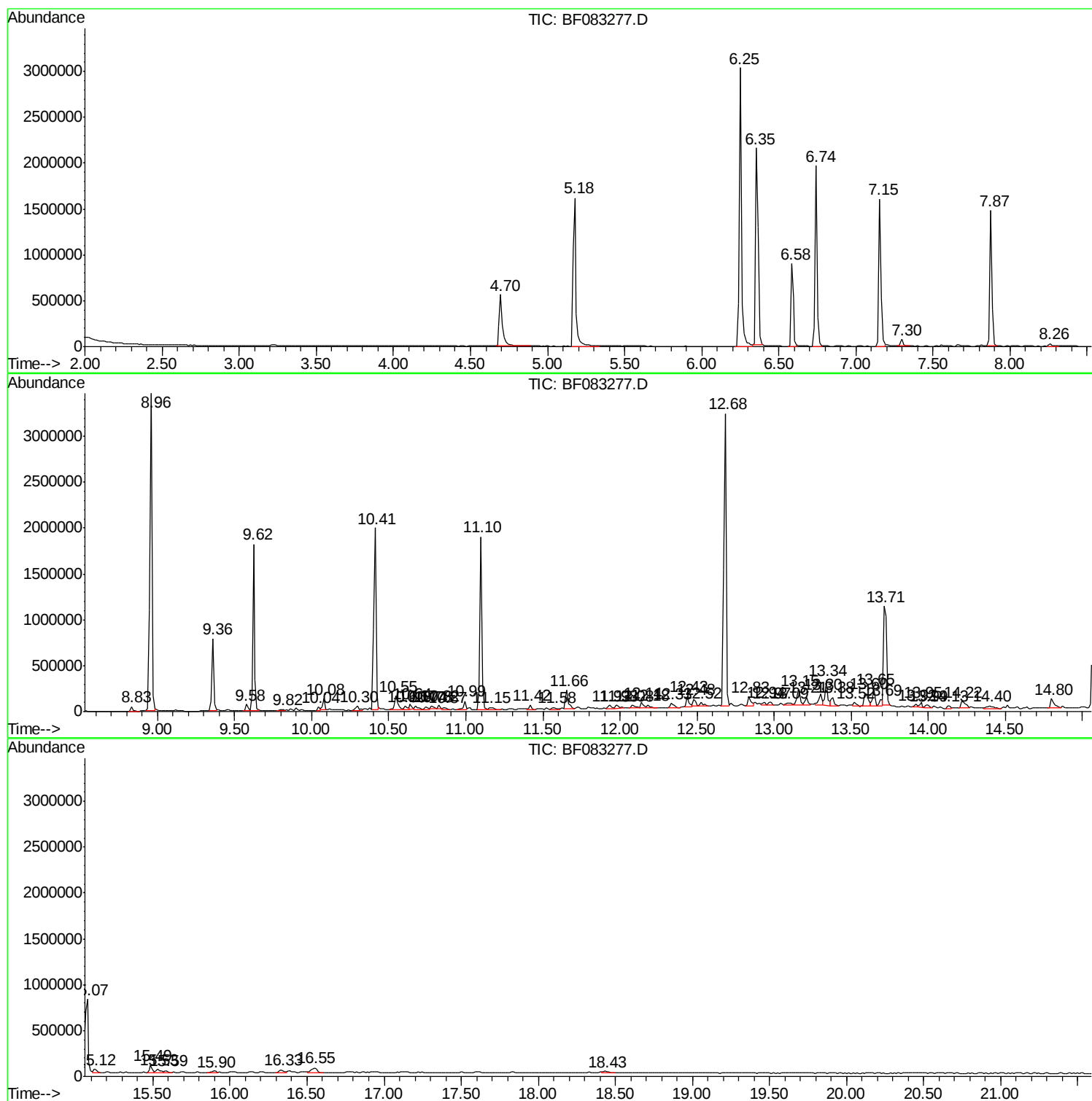
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 5 Sample Multiplier: 1

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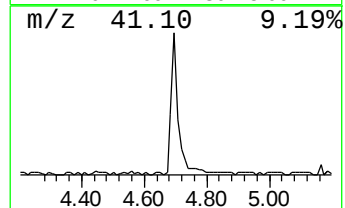
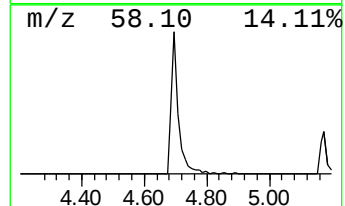
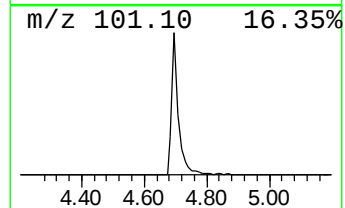
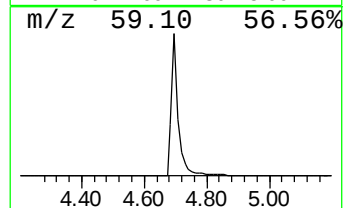
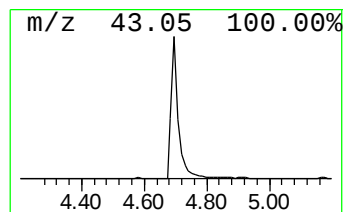
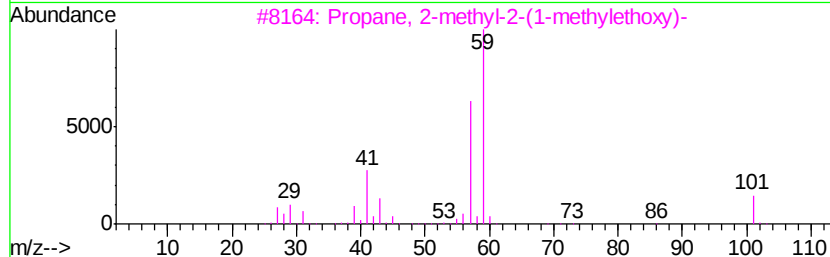
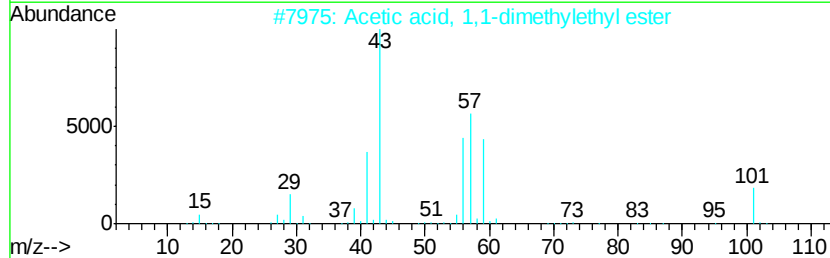
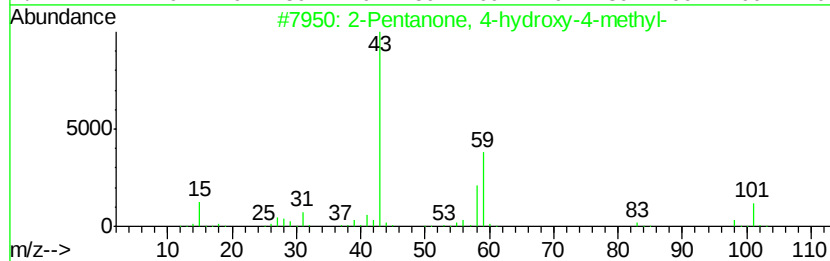
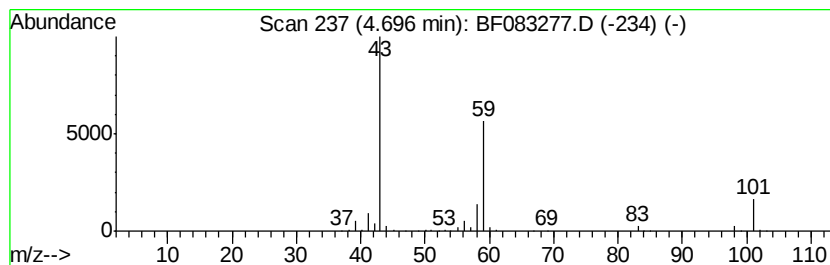
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.70	16.80 ng	865486	1,4-Dichlorobenzene-d4	6.58

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	36
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33



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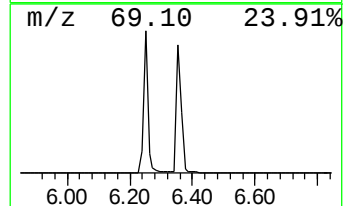
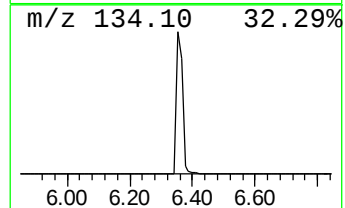
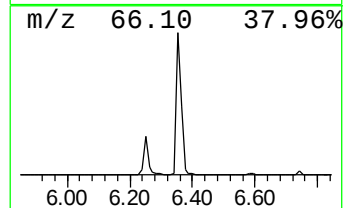
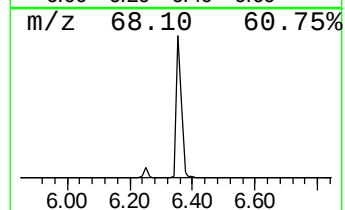
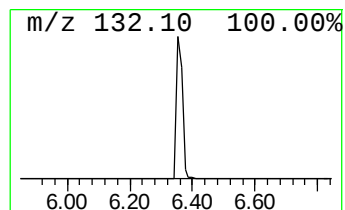
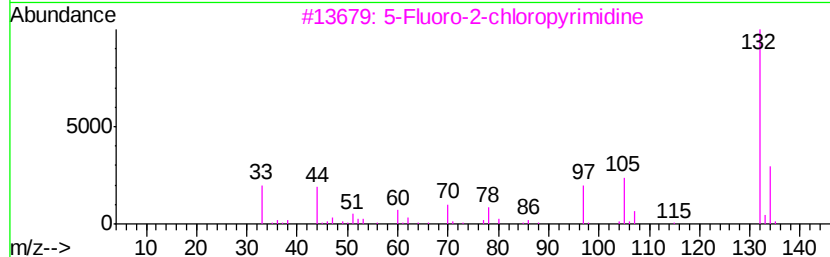
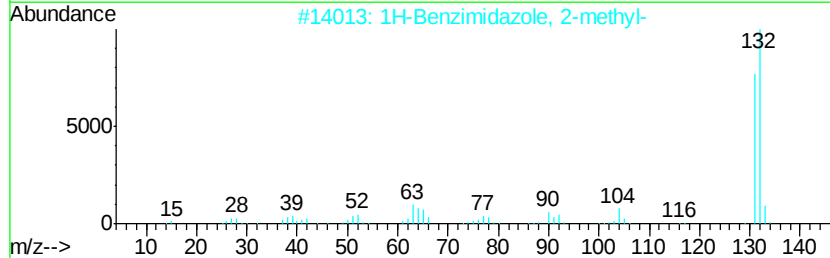
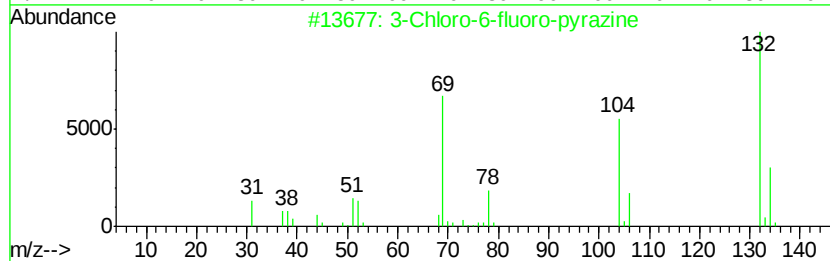
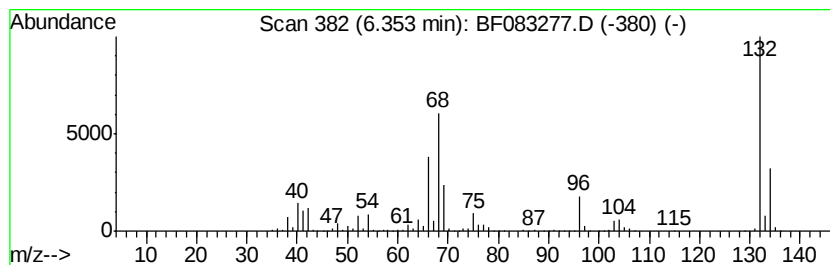
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	47.34 ng	2439430	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22	
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16	
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10	
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10	



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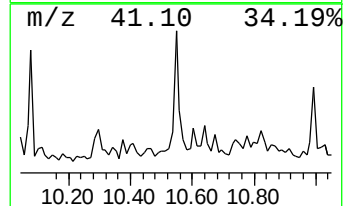
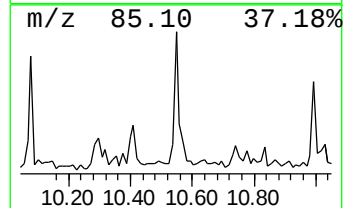
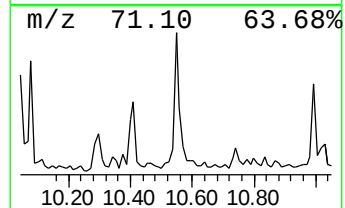
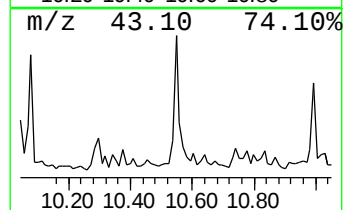
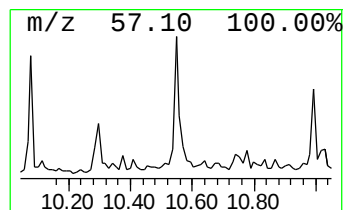
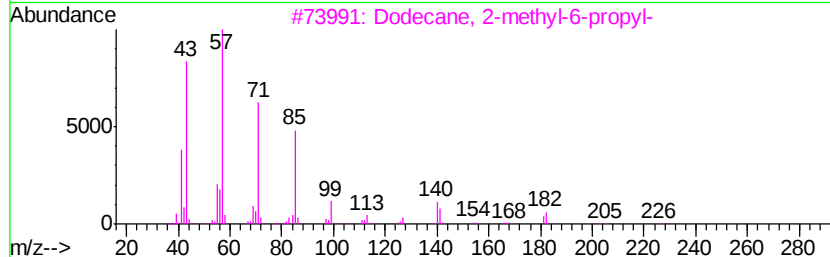
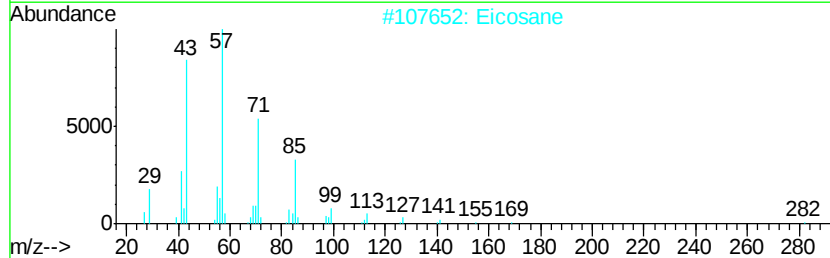
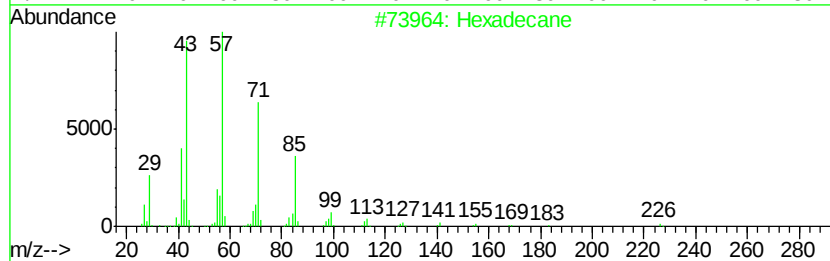
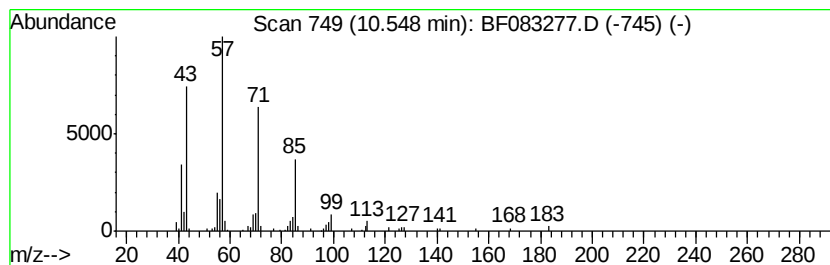
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	2.53 ng	205726	Phenanthrene-d10	11.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Eicosane	282 C20H42	000112-95-8	90
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	90
4	Tridecane	184 C13H28	000629-50-5	83
5	Pentadecane	212 C15H32	000629-62-9	83



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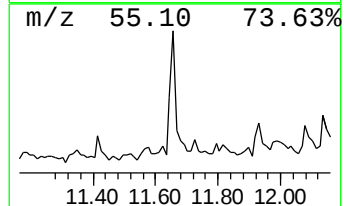
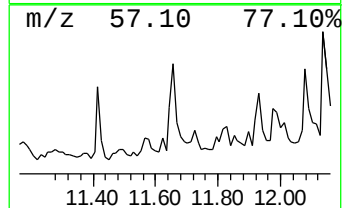
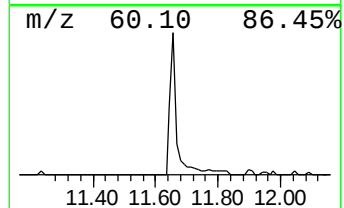
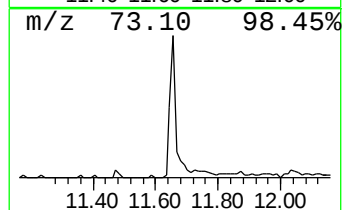
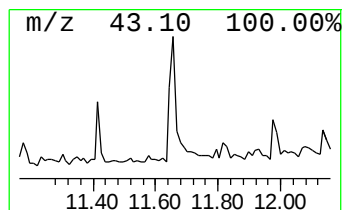
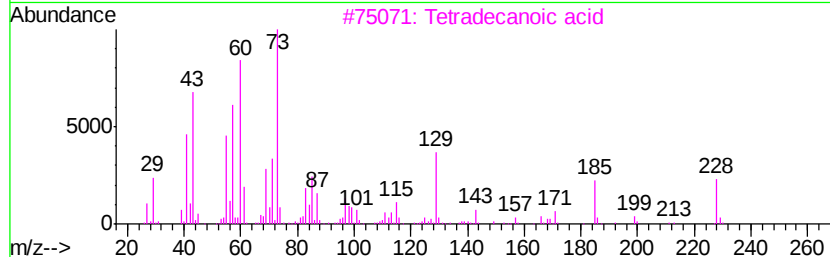
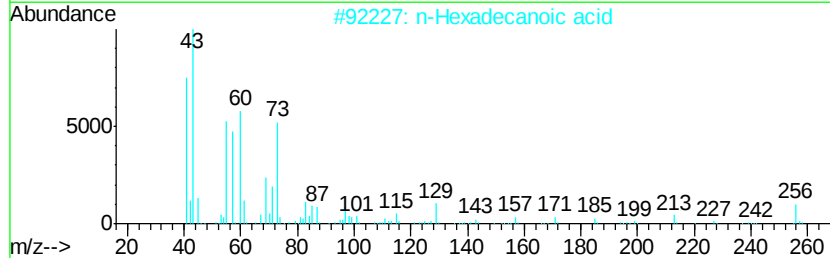
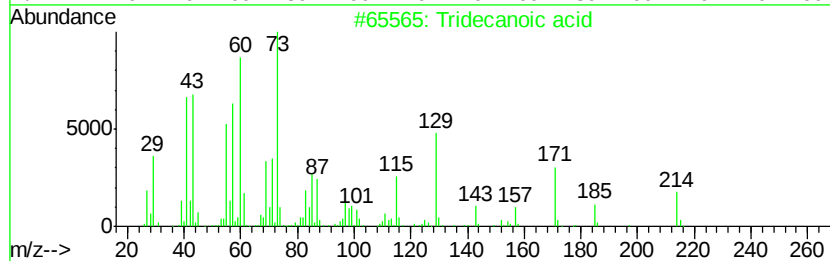
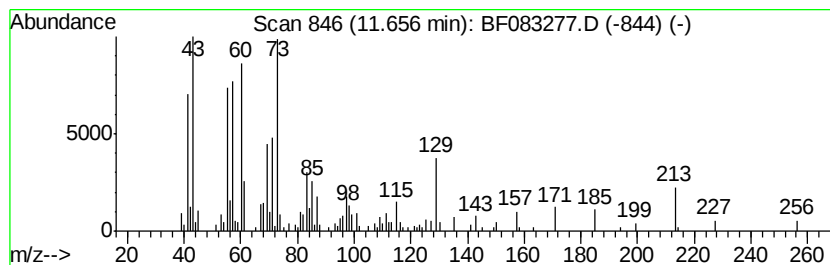
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	3.50 ng	284815	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5		Tridecane	184	C13H28	000629-50-5	11



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Data File : BF083277.D
Acq On : 25 Nov 2015 16:55
Operator : UM/IZ
Sample : G4559-02
Misc :
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ClientSampleId :
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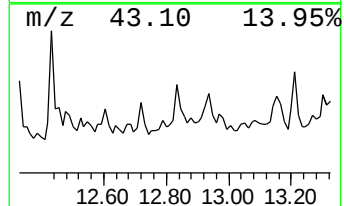
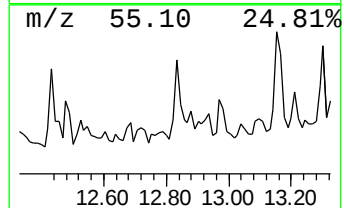
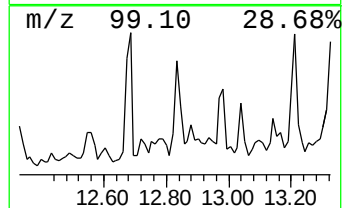
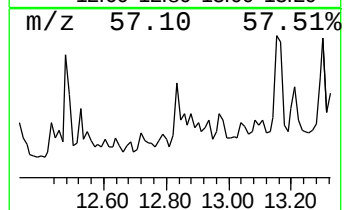
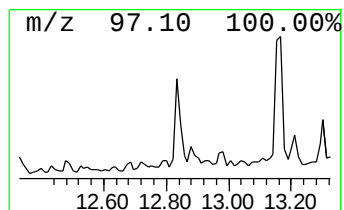
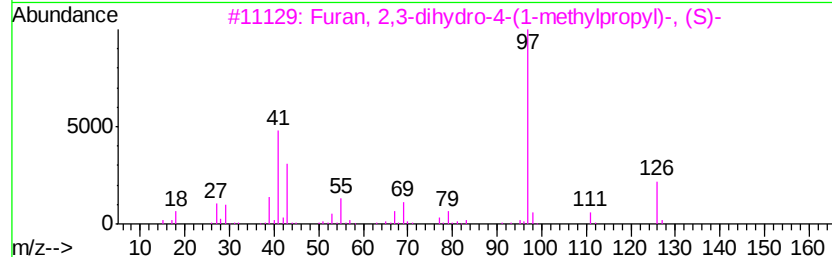
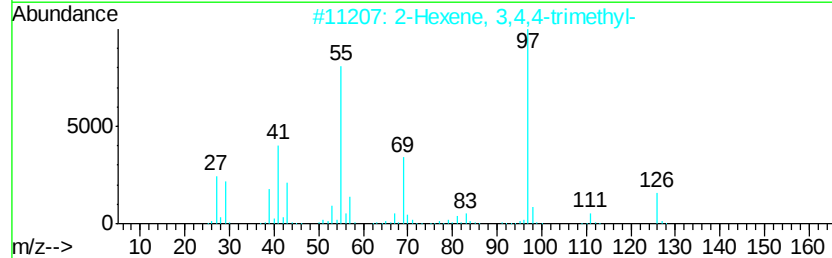
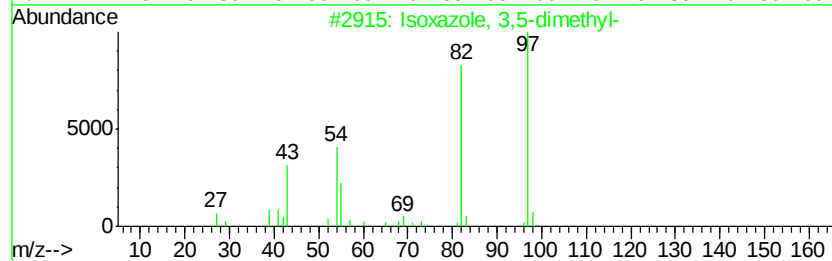
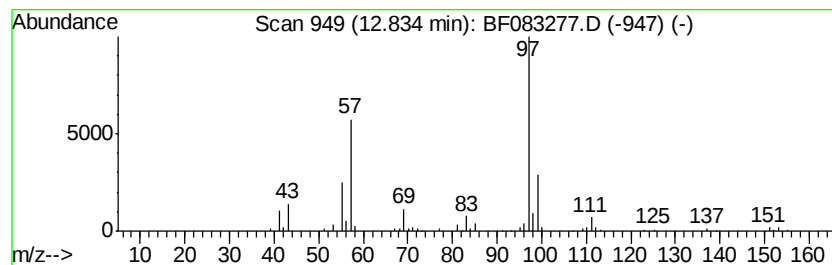
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Isoxazole, 3,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	2.17 ng	155466	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	53
2		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	53
3		Furan, 2,3-dihydro-4-(1-methylpropyl)-	126	C8H14O	034379-54-9	53
4		Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	42
5		cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	36



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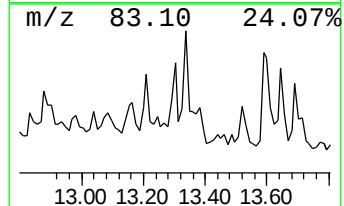
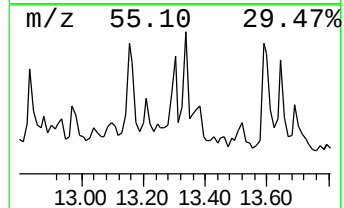
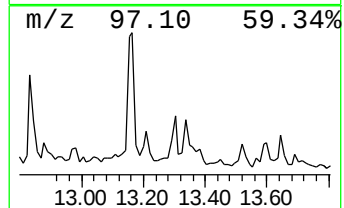
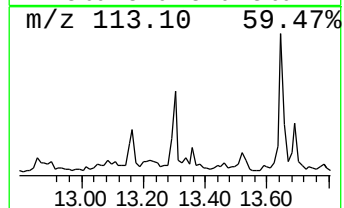
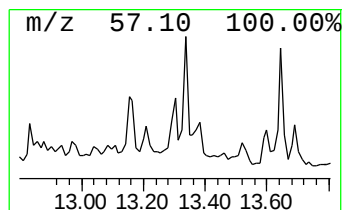
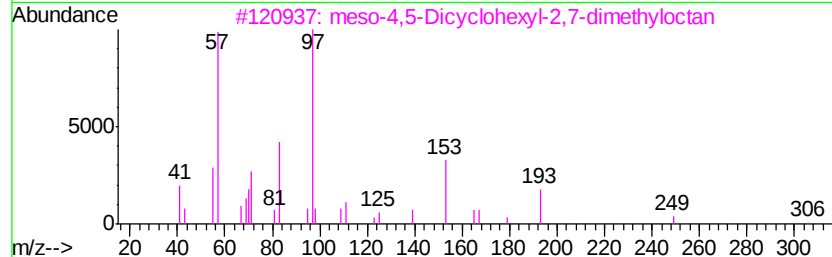
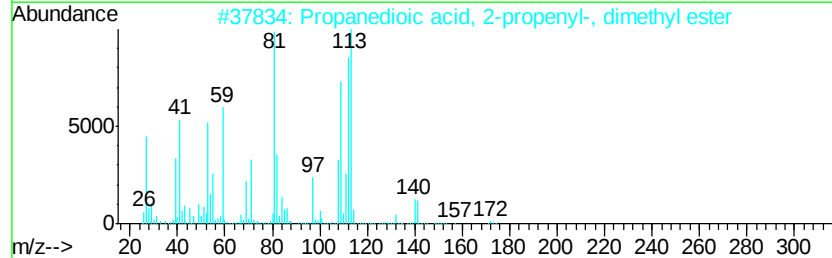
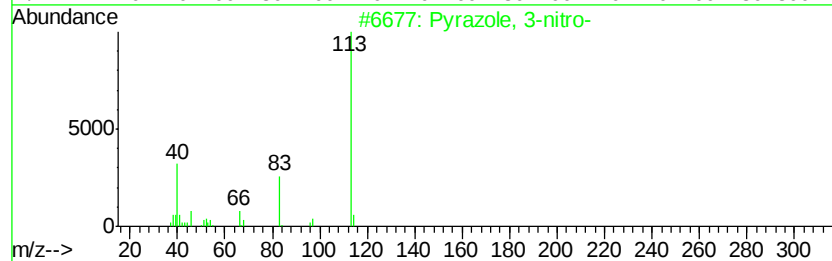
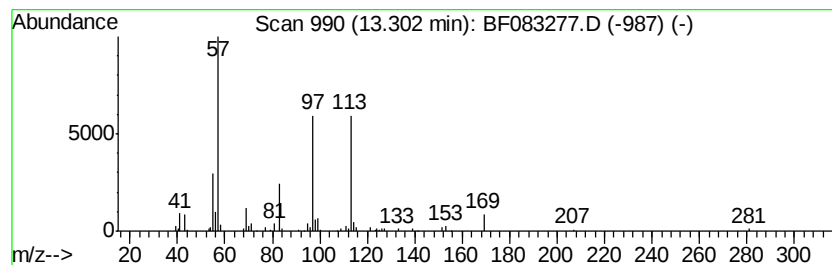
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown13.30 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.45 ng	175550	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazole, 3-nitro-	113	C3H3N3O2	026621-44-3	38
2		Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	25
3		meso-4,5-Dicyclohexyl-2,7-dimeth...	306	C22H42	065149-86-2	25
4		Acetamide, 2-(4-methyl-1-piperaz...	267	C13H18ClN3O	296245-55-1	22
5		Oxazole, 2,4-dimethyl-	97	C5H7NO	007208-05-1	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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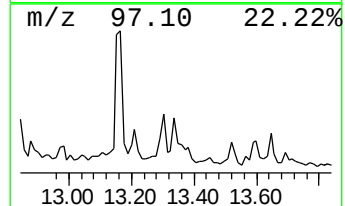
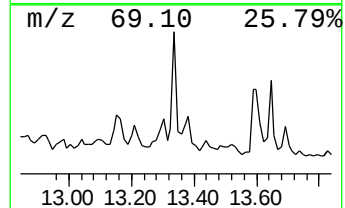
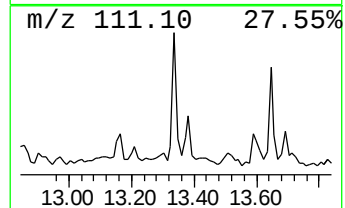
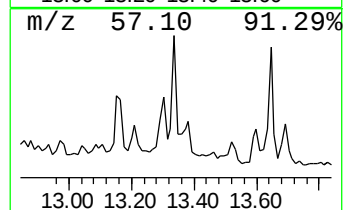
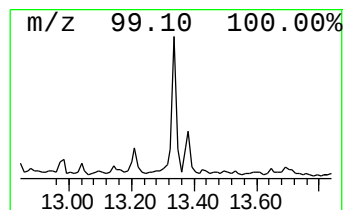
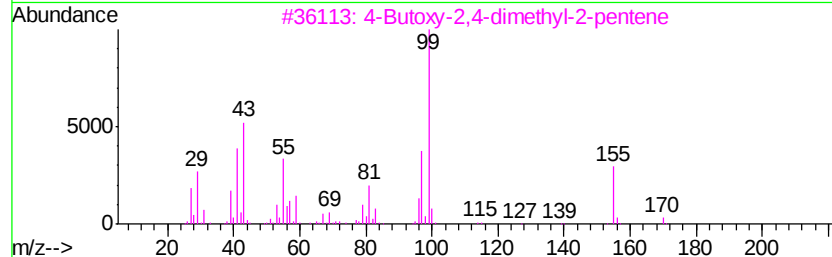
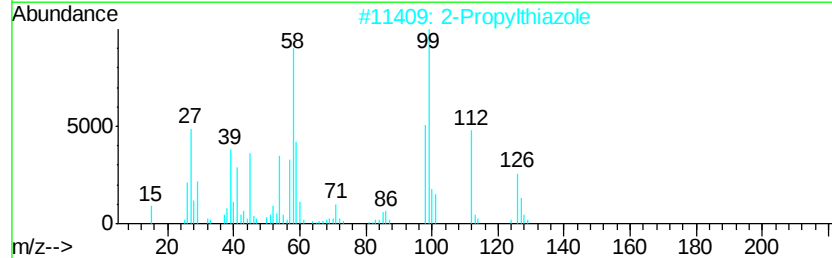
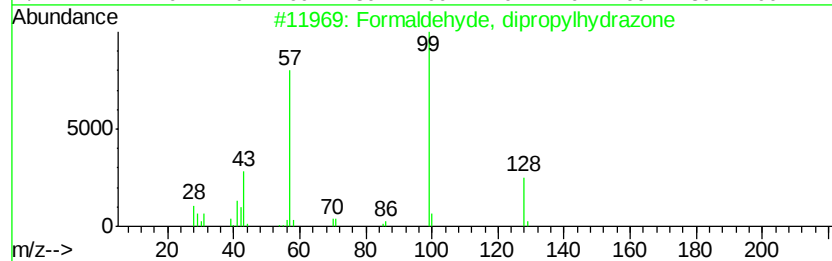
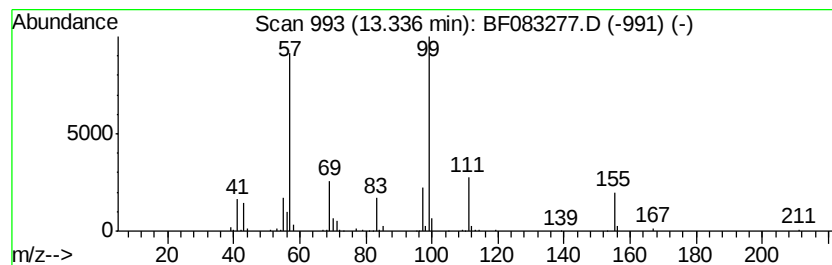
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.34 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	4.29 ng	308153	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Formaldehyd, dipropylhydrazone	128	C7H16N2	054253-56-4	37
2		2-Propylthiazole	127	C6H9NS	017626-75-4	35
3		4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	32
4		N-(3-Chloro-2-methyl-phenyl)-N'-...	324	C15H21ClN4O2	1000294-79-6	23
5		Piperazine, 1-(4-acetylphenylsul...	282	C13H18N2O3S	309271-25-8	17



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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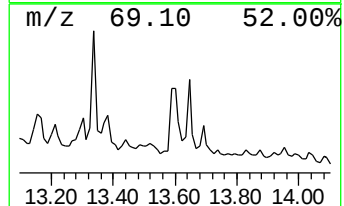
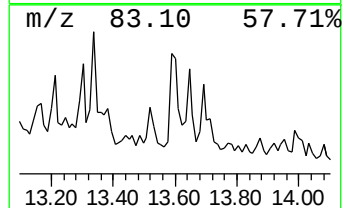
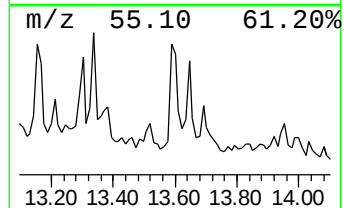
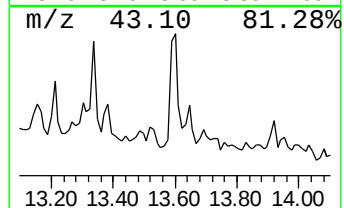
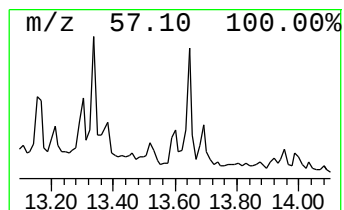
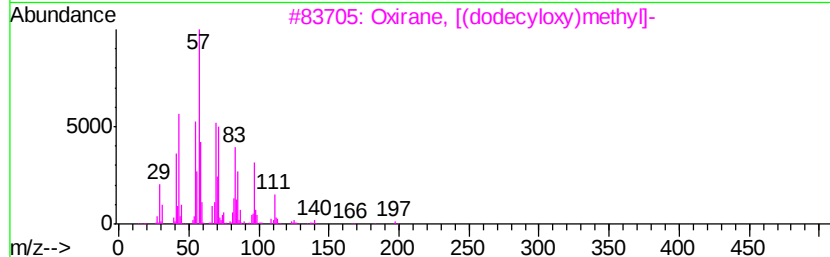
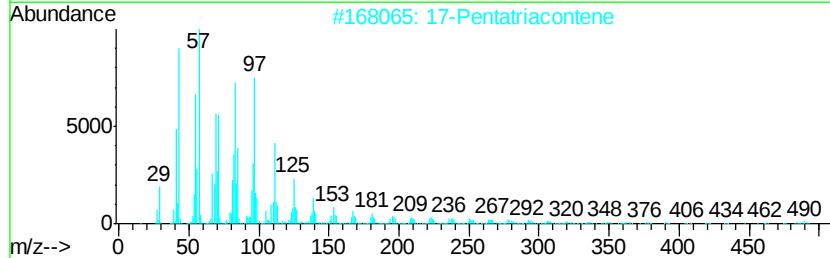
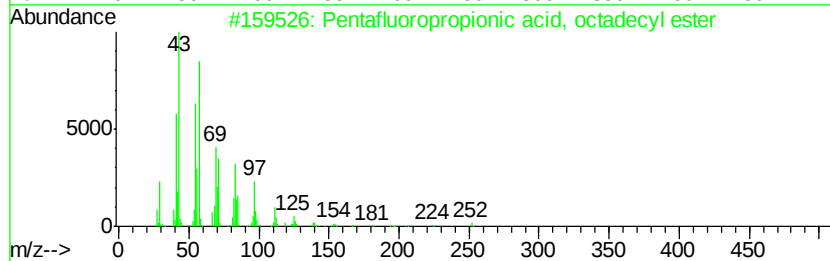
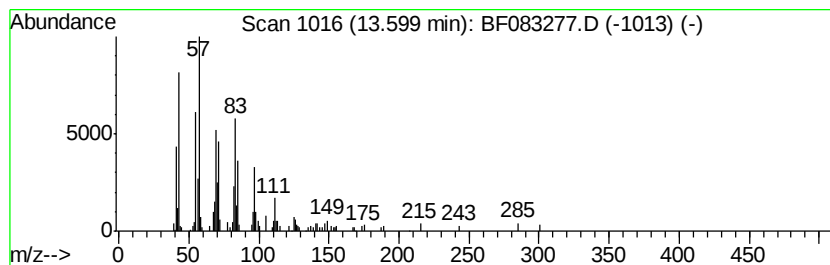
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentafluoropropionic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	3.37 ng	242027	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	86
2		17-Pentatriacontene	491	C35H70	006971-40-0	86
3		Oxirane, [(dodecyl)oxy]methy]-	242	C15H30O2	002461-18-9	74
4		1-Tetracosanol	354	C24H50O	000506-51-4	72
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	64



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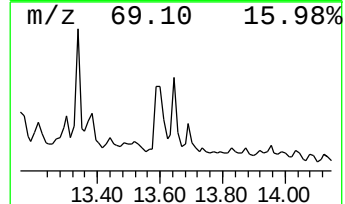
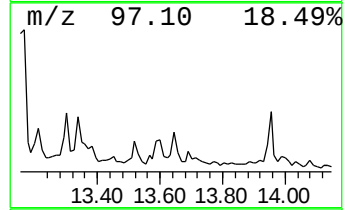
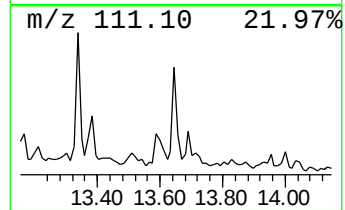
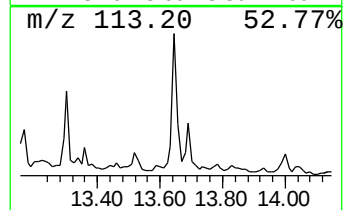
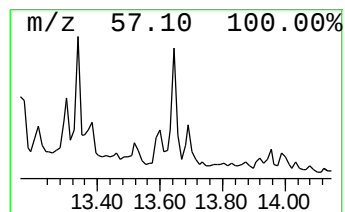
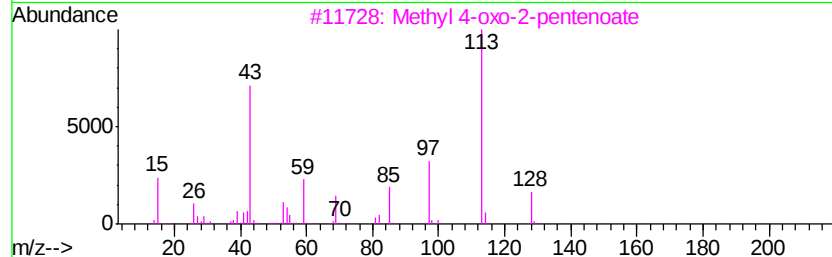
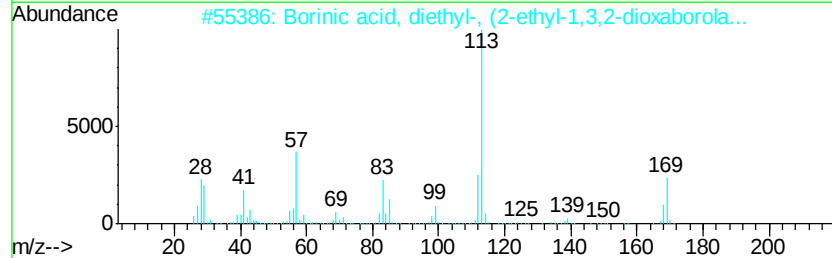
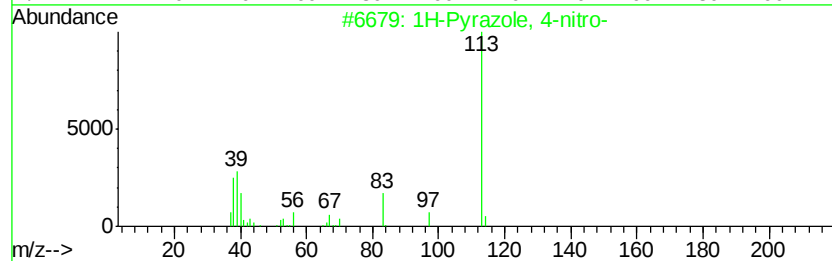
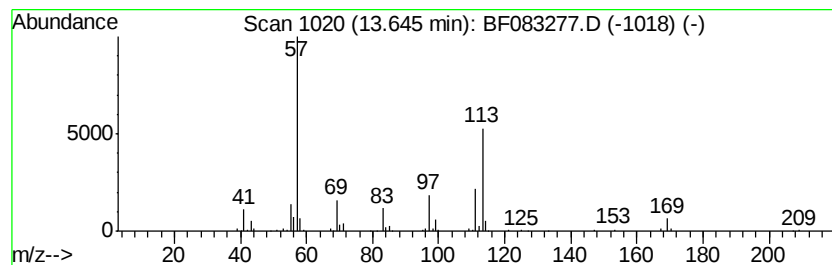
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown13.65 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.70 ng	193569	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	35
2		Borinic acid, diethyl-, (2-ethyl...	198	C9H20B2O3	058163-56-7	32
3		Methyl 4-oxo-2-pentenoate	128	C6H8O3	004188-88-9	23
4		2H-Pyrrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	22
5		4-Fluoro-6-aminopyrimidine	113	C4H4FN3	051421-96-6	22



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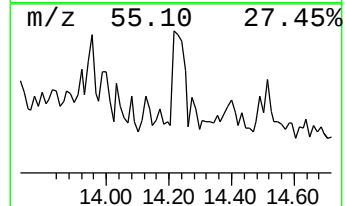
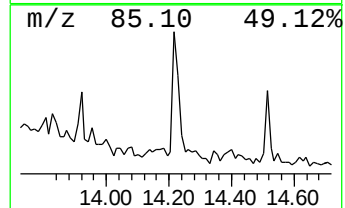
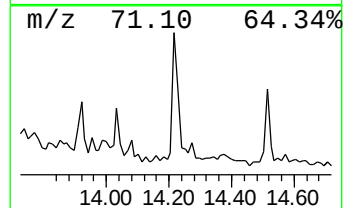
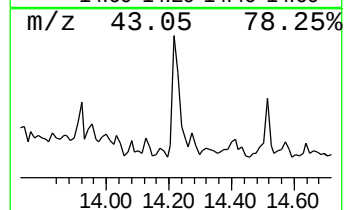
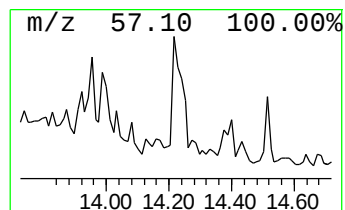
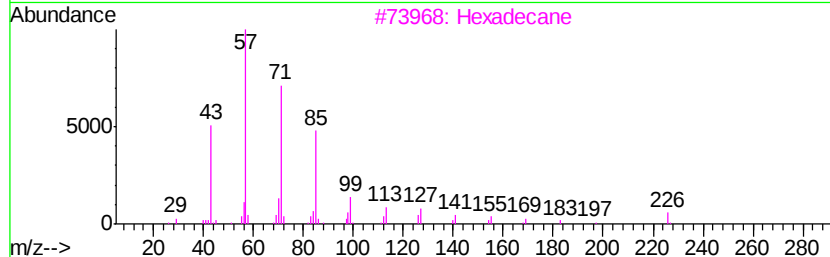
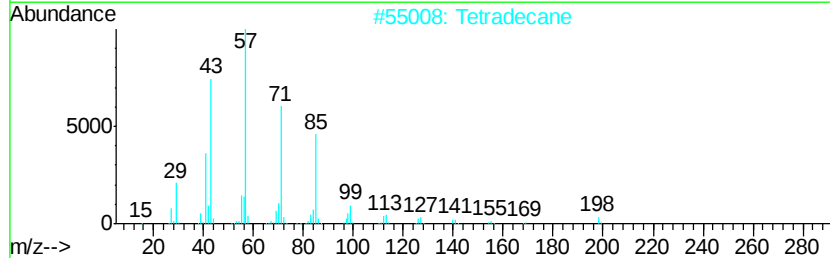
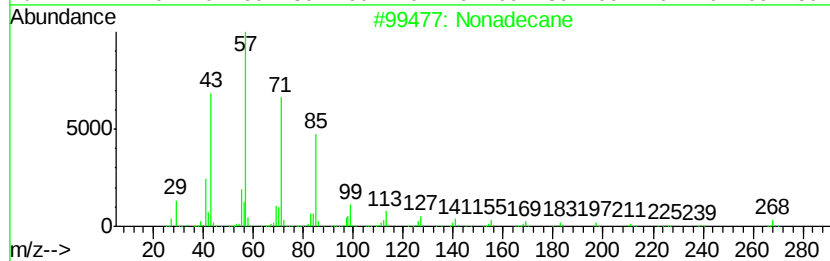
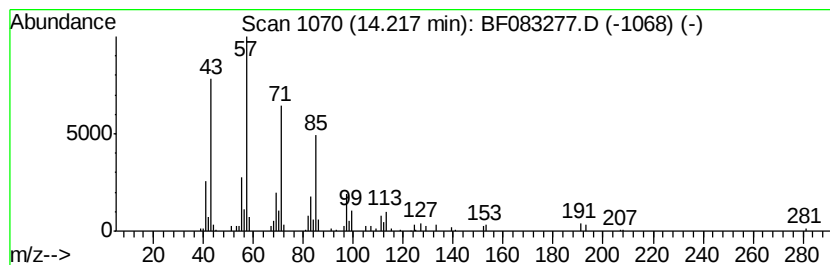
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.13 ng	153048	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	86
2		Tetradecane	198	C14H30	000629-59-4	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Octacosane	394	C28H58	000630-02-4	80
5		Pentadecane	212	C15H32	000629-62-9	80



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Misc :
ALS Vial : 5 Sample Multiplier: 1

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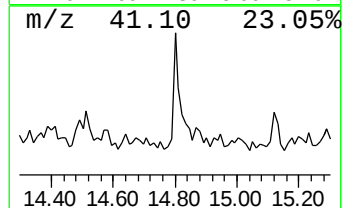
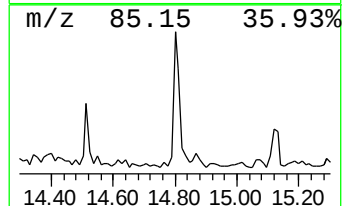
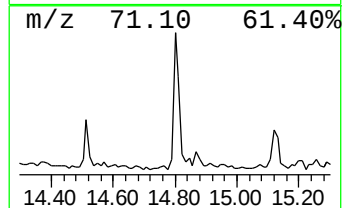
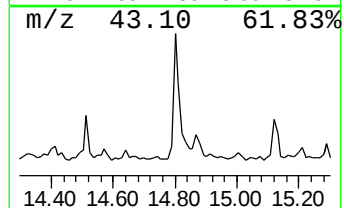
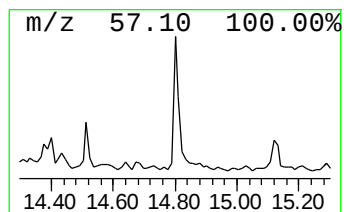
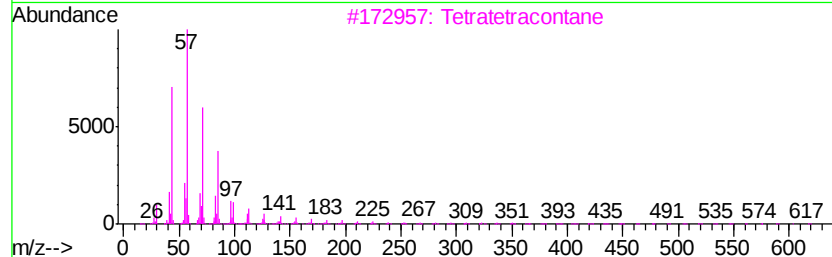
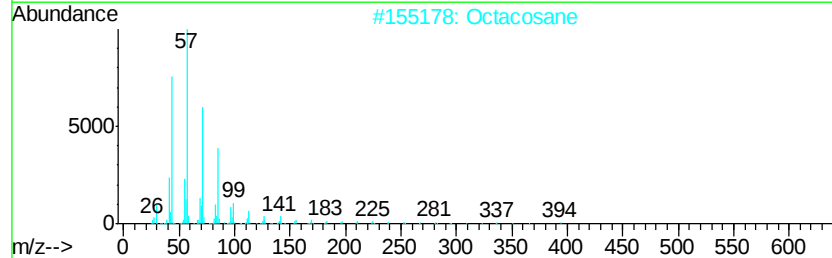
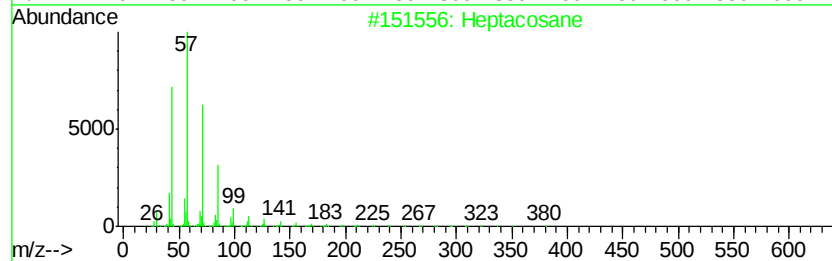
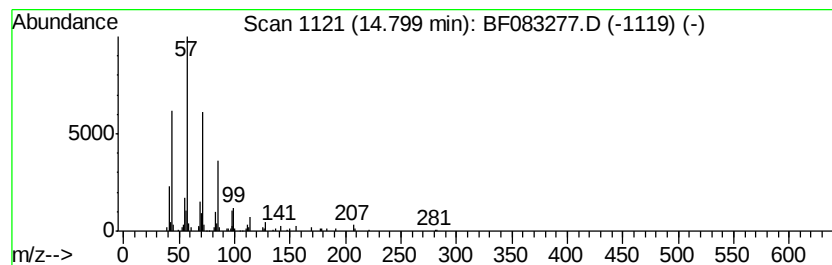
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.05 ng	174896	Perylene-d12	15.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083277.D
Acq On : 25 Nov 2015 16:55
Operator : UM/IZ
Sample : G4559-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

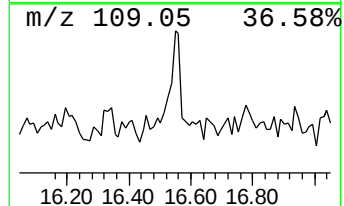
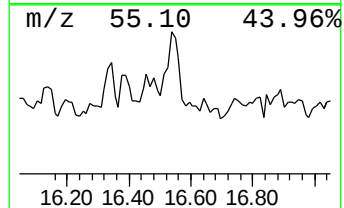
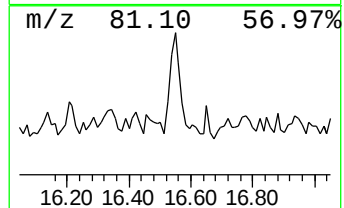
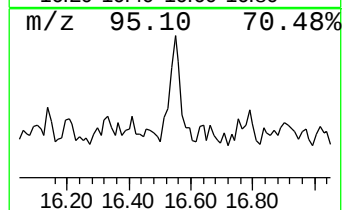
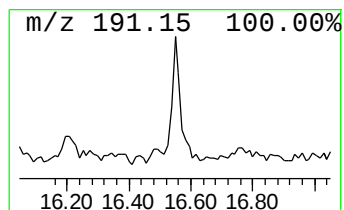
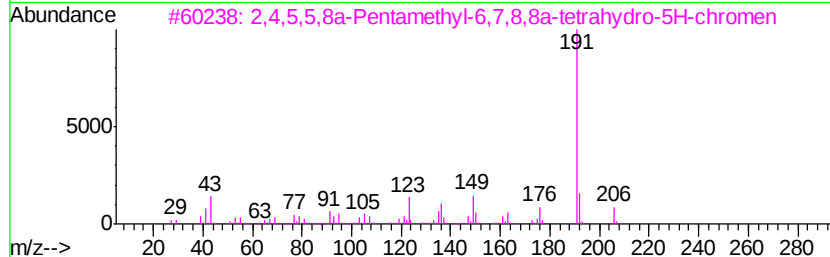
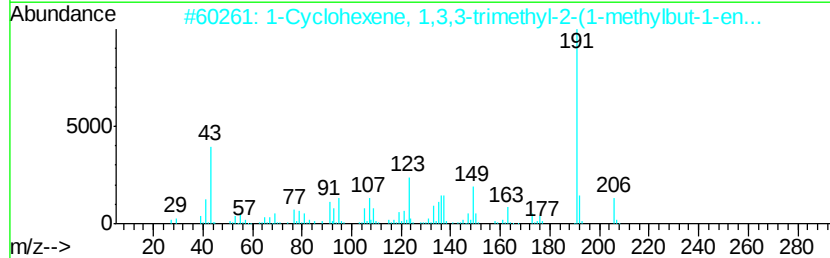
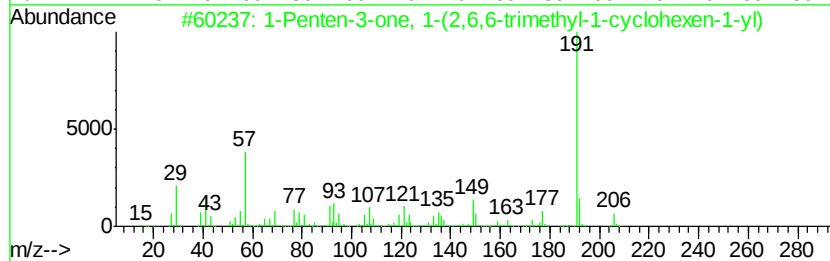
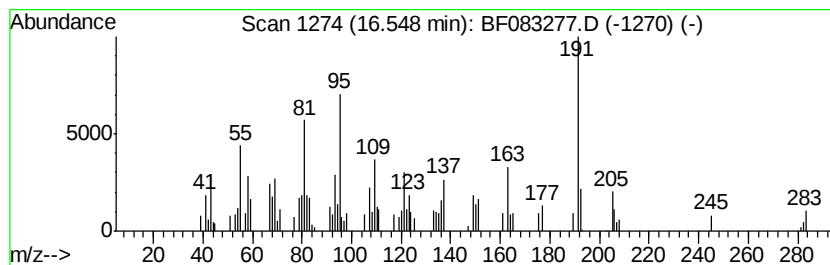
Instrument :
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ClientSampleId :
P001-BF003-01

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 15 1-Penten-3-one, 1-(2,6,6-tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	2.33 ng	133241	Perylene-d12	15.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5	50
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4	45
3	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206 C14H22O	1000195-40-9	35
4	Pyrido[3,4-d]pyridazin-1(2H)-one...	191 C8H9N5O	1000263-69-7	35
5	1H-Inden-1-one, 2,3-dihydro-5,6-...	206 C12H14O3	004082-25-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
Data File : BF083277.D
Acq On : 25 Nov 2015 16:55
Operator : UM/IZ
Sample : G4559-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-BF003-01

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...	4.70	16.8	ng	865486	1	6.58	1030540	20.0
unknown6.35	6.35	47.3	ng	2439430	1	6.58	1030540	20.0
Hexadecane	10.55	2.5	ng	205726	4	11.10	1626580	20.0
Tridecanoic acid	11.66	3.5	ng	284815	4	11.10	1626580	20.0
Isoxazole, 3,5-di...	12.83	2.2	ng	155466	5	13.73	1435850	20.0
unknown13.30	13.30	2.5	ng	175550	5	13.73	1435850	20.0
unknown13.34	13.34	4.3	ng	308153	5	13.73	1435850	20.0
Pentafluoropropio...	13.60	3.4	ng	242027	5	13.73	1435850	20.0
unknown13.65	13.65	2.7	ng	193569	5	13.73	1435850	20.0
Nonadecane	14.22	2.1	ng	153048	5	13.73	1435850	20.0
Heptacosane	14.80	3.0	ng	174896	6	15.07	1144980	20.0
1-Penten-3-one, 1...	16.55	2.3	ng	133241	6	15.07	1144980	20.0