

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090982.D
 Acq On : 2 Nov 2016 16:25
 Operator : UM/SJ
 Sample : H5509-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-91-9.4-25.0

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-BF102616.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	2.155	3	6	15	rVB	200960	303028	5.61%	0.420%
2	2.590	36	44	48	rVB	140532	325739	6.03%	0.452%
3	2.704	48	54	58	rVB3	15944	56537	1.05%	0.078%
4	4.876	241	244	248	rBV	419832	625646	11.59%	0.868%
5	4.956	249	251	258	rVB	39781	74539	1.38%	0.103%
6	5.321	280	283	285	rBV	1656592	2332196	43.19%	3.235%
7	5.653	310	312	315	rBV	140865	141368	2.62%	0.196%
8	6.362	372	374	382	rBV	1902405	2474012	45.82%	3.432%
9	6.487	382	385	388	rVV	3749504	3636727	67.35%	5.045%
10	6.544	388	390	394	rVB2	33268	58988	1.09%	0.082%
11	6.716	403	405	409	rBV	826612	885671	16.40%	1.229%
12	6.876	417	419	421	rBV	3305929	2988912	55.35%	4.146%
13	7.116	438	440	442	rBV	54029	70763	1.31%	0.098%
14	7.162	442	444	449	rVB2	27307	56200	1.04%	0.078%
15	7.287	452	455	458	rBV	2417381	2651693	49.11%	3.679%
16	7.425	464	467	472	rVB	118034	221875	4.11%	0.308%
17	7.527	474	476	479	rVB3	39349	59156	1.10%	0.082%
18	7.630	483	485	487	rBV2	72383	92236	1.71%	0.128%
19	7.699	489	491	493	rBV	57817	104968	1.94%	0.146%
20	7.779	495	498	499	rBV3	82994	151057	2.80%	0.210%
21	7.813	499	501	502	rVB	66196	59940	1.11%	0.083%
22	7.973	512	515	516	rBV	100987	219840	4.07%	0.305%
23	8.007	516	518	520	rVV	1916808	1960865	36.31%	2.720%
24	8.087	522	525	526	rVV	228362	342184	6.34%	0.475%
25	8.110	526	527	531	rVB4	106881	168131	3.11%	0.233%
26	8.179	531	533	534	rBV	87240	83820	1.55%	0.116%
27	8.225	534	537	538	rBV3	44766	79951	1.48%	0.111%
28	8.247	538	539	541	rVB2	60944	56022	1.04%	0.078%
29	8.316	541	545	546	rBV2	213609	492493	9.12%	0.683%
30	8.362	548	549	550	rVV	189773	197184	3.65%	0.274%
31	8.396	550	552	554	rVB3	169255	307232	5.69%	0.426%
32	8.442	554	556	561	rBV	619347	828842	15.35%	1.150%
33	8.556	564	566	569	rBV4	88953	217658	4.03%	0.302%
34	8.613	569	571	573	rBV	592062	642428	11.90%	0.891%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.670	573	576	577	rVV3	105793	236321	4.38%	0.328%
36	8.705	577	579	582	rVB2	228093	255740	4.74%	0.355%
37	8.773	582	585	586	rBV3	58706	84526	1.57%	0.117%
38	8.819	586	589	592	rVB3	165147	314445	5.82%	0.436%
39	8.922	592	598	601	rBV4	396160	969404	17.95%	1.345%
40	8.979	601	603	605	rVB2	123571	140256	2.60%	0.195%
41	9.048	605	609	610	rBV	416679	555419	10.29%	0.771%
42	9.093	610	613	615	rBV	5379650	5399683	100.00%	7.491%
43	9.173	618	620	623	rBV2	411113	633456	11.73%	0.879%
44	9.288	628	630	632	rVB2	89135	148588	2.75%	0.206%
45	9.345	632	635	636	rBV3	99019	196448	3.64%	0.273%
46	9.368	636	637	638	rVB	86119	59035	1.09%	0.082%
47	9.425	640	642	645	rBV2	96930	236279	4.38%	0.328%
48	9.493	645	648	650	rBV2	1270281	1633638	30.25%	2.266%
49	9.585	654	656	658	rBV	702028	549653	10.18%	0.763%
50	9.676	662	664	665	rBV	113875	114594	2.12%	0.159%
51	9.710	665	667	668	rBV	533059	526113	9.74%	0.730%
52	9.779	668	673	675	rBV2	2672098	4760268	88.16%	6.604%
53	9.848	677	679	680	rBV	67950	69466	1.29%	0.096%
54	9.882	680	682	683	rVB2	144094	129910	2.41%	0.180%
55	9.939	684	687	688	rBV	239334	427158	7.91%	0.593%
56	9.962	688	689	693	rBV2	239317	429589	7.96%	0.596%
57	10.031	693	695	697	rVB	618195	520765	9.64%	0.722%
58	10.065	697	698	699	rBV	108035	96980	1.80%	0.135%
59	10.156	703	706	707	rBV2	199739	350817	6.50%	0.487%
60	10.202	707	710	712	rBV	871234	1370241	25.38%	1.901%
61	10.259	712	715	718	rVB3	312480	535688	9.92%	0.743%
62	10.328	718	721	723	rBV3	344108	808857	14.98%	1.122%
63	10.431	727	730	731	rBV	1869134	2184975	40.46%	3.031%
64	10.453	731	732	736	rVB3	326672	646145	11.97%	0.896%
65	10.556	736	741	743	rBV2	2760117	3863632	71.55%	5.360%
66	10.591	743	744	747	rVB2	174609	239427	4.43%	0.332%
67	10.693	750	753	757	rBV	2521240	3943676	73.04%	5.471%
68	10.876	766	769	770	rBV	305186	447560	8.29%	0.621%
69	11.013	779	781	786	rBV3	333205	865531	16.03%	1.201%
70	11.093	786	788	789	rVV	221010	258135	4.78%	0.358%
71	11.128	789	791	792	rVV	1064359	1047309	19.40%	1.453%

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72	11.162	792	794	796	rVV	1216100	1546285	28.64%	2.145%
73	11.208	797	798	800	rBV2	188887	158455	2.93%	0.220%
74	11.242	800	801	805	rBV2	1212891	1711856	31.70%	2.375%
75	11.505	823	824	826	rVB	399984	322367	5.97%	0.447%
76	11.551	826	828	831	rVB	529367	471502	8.73%	0.654%
77	11.711	840	842	847	rBV3	151367	332255	6.15%	0.461%
78	11.791	847	849	853	rVV2	733656	925324	17.14%	1.284%
79	11.859	853	855	860	rVB4	206259	518703	9.61%	0.720%
80	11.962	862	864	865	rVV	112004	126548	2.34%	0.176%
81	12.019	868	869	876	rVB3	125963	195770	3.63%	0.272%
82	12.191	882	884	886	rBV	68838	76514	1.42%	0.106%
83	12.236	886	888	892	rVB	130193	199562	3.70%	0.277%
84	12.454	905	907	909	rBV	429653	406323	7.52%	0.564%
85	12.499	909	911	912	rVV2	63640	85600	1.59%	0.119%
86	12.579	915	918	921	rVV2	255612	386842	7.16%	0.537%
87	12.682	924	927	929	rVB	263801	353179	6.54%	0.490%
88	12.831	938	940	943	rBV	3688131	3520903	65.21%	4.885%
89	13.014	954	956	958	rBV	88446	105293	1.95%	0.146%
90	13.197	970	972	977	rVB3	70324	118147	2.19%	0.164%
91	13.642	1010	1011	1013	rBV2	167882	164614	3.05%	0.228%
92	13.734	1017	1019	1023	rVB2	209907	330692	6.12%	0.459%
93	13.882	1029	1032	1033	rBV2	698765	978567	18.12%	1.358%
94	14.637	1096	1098	1100	rBV	158661	177270	3.28%	0.246%
95	15.277	1152	1154	1159	rVB	629074	852633	15.79%	1.183%

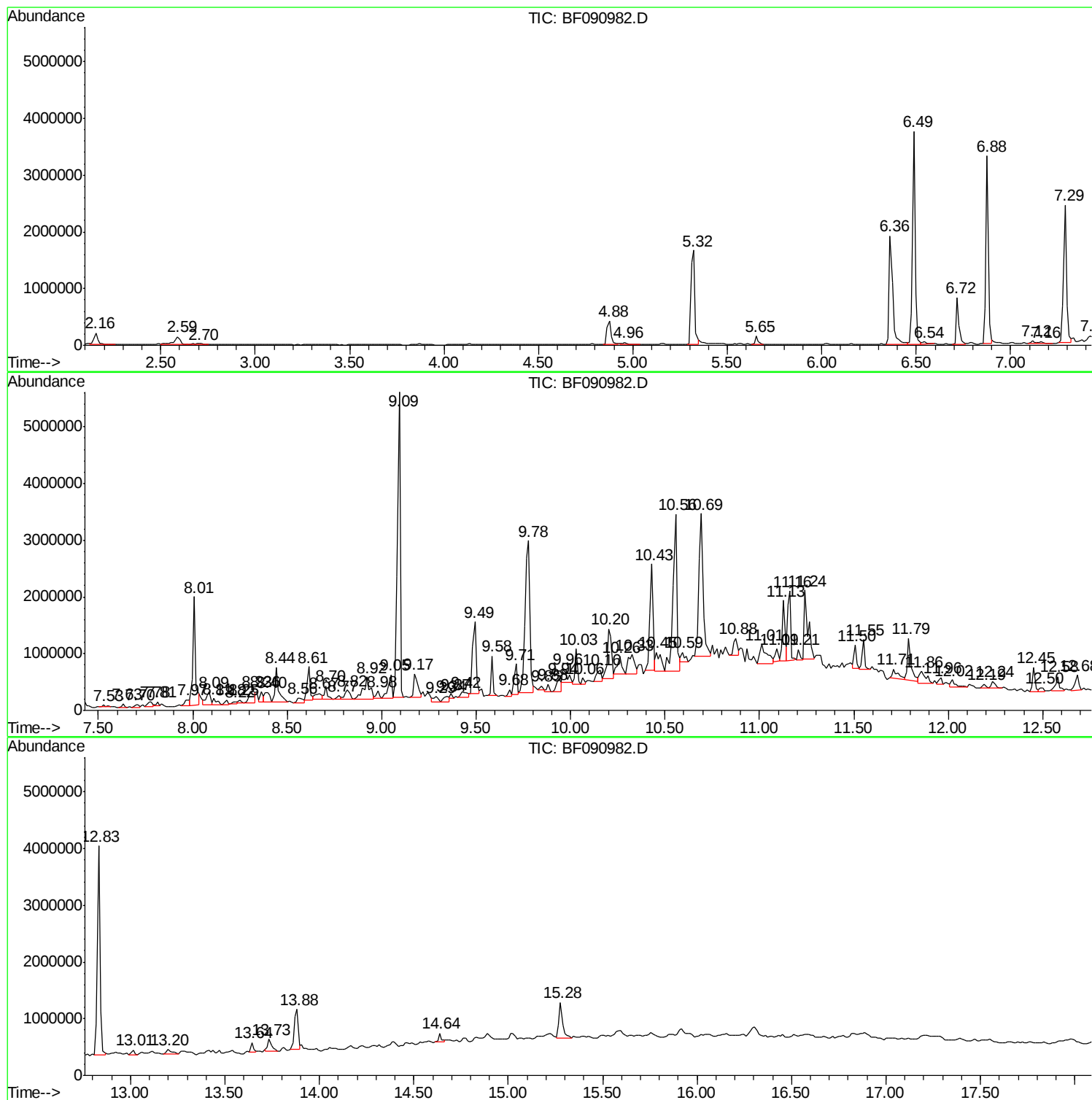
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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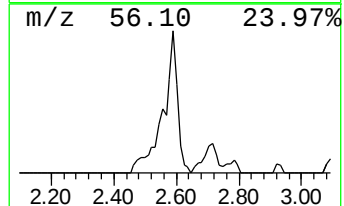
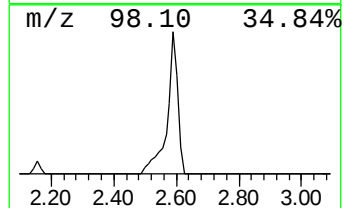
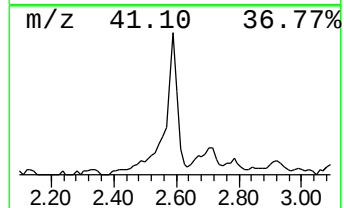
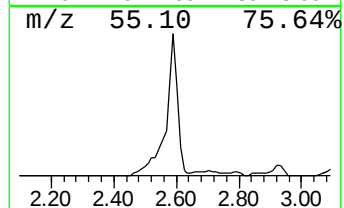
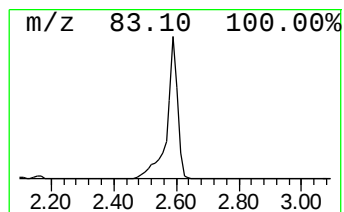
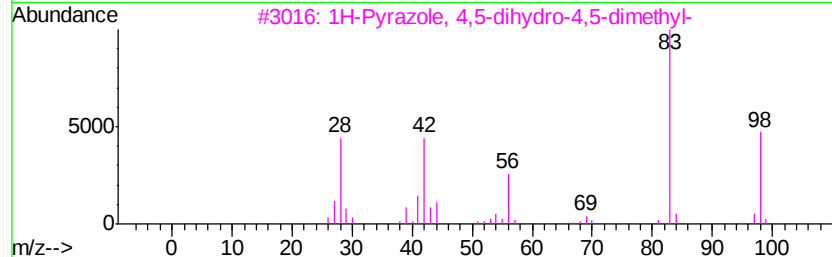
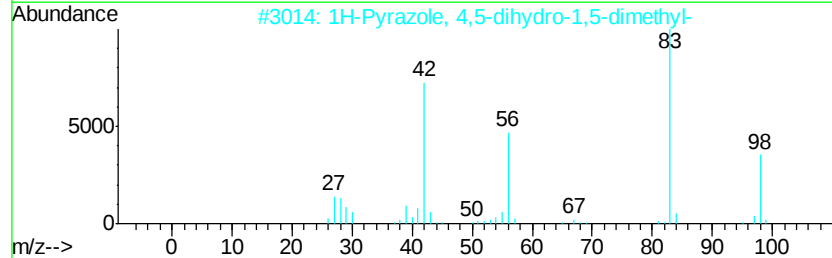
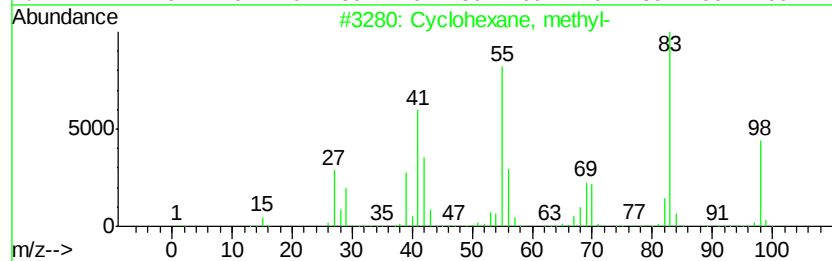
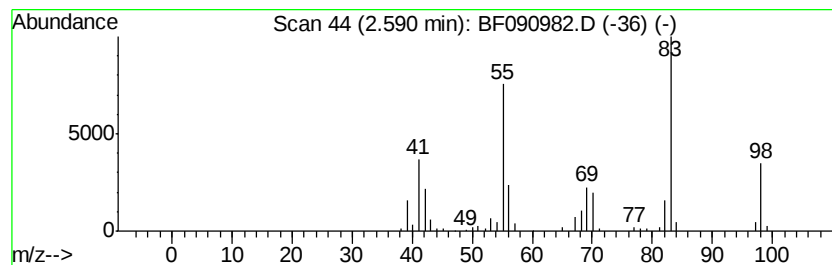
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Cyclohexane, methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	7.36 ng	325739	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2			1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	58
3			1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	53
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	52
5			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	52



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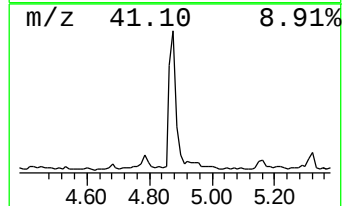
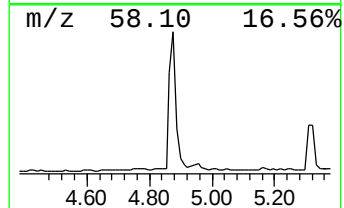
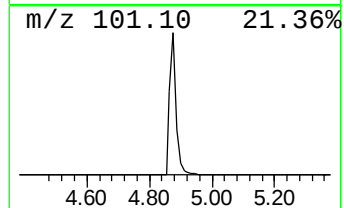
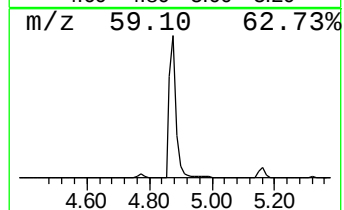
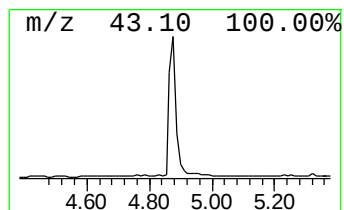
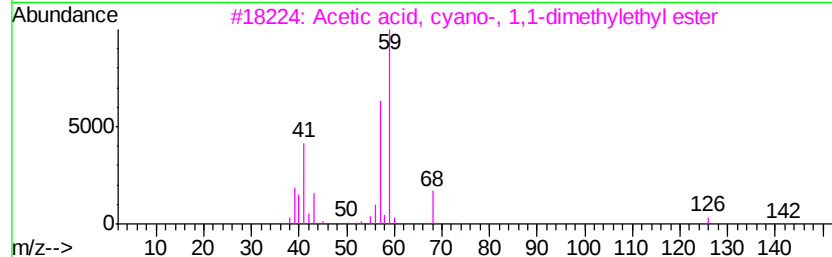
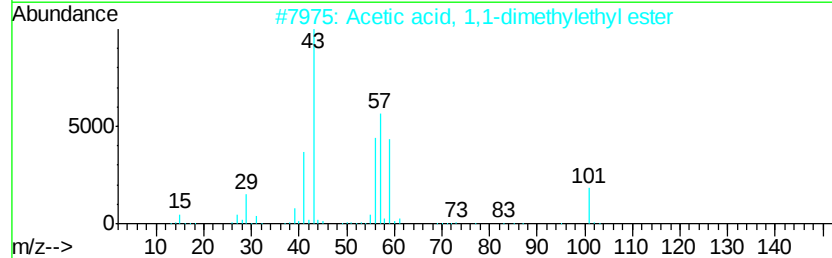
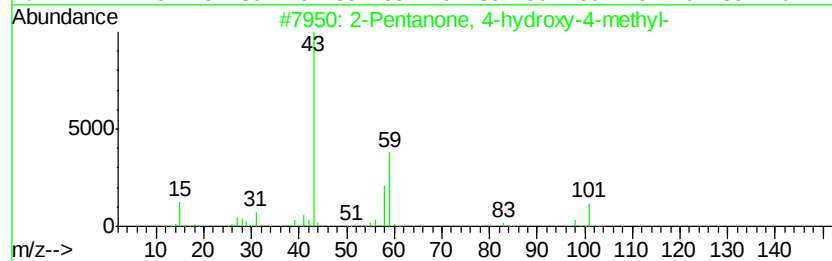
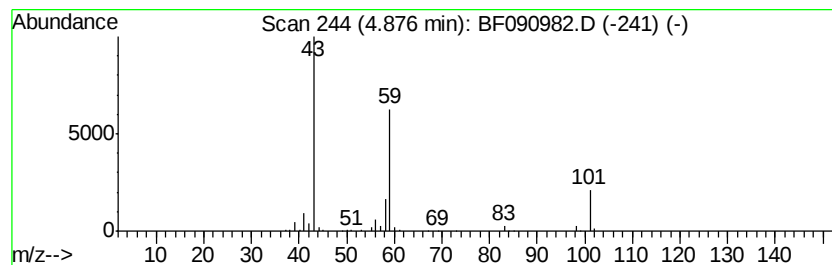
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	14.13 ng	625646	1,4-Dichlorobenzene-d4	6.72

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		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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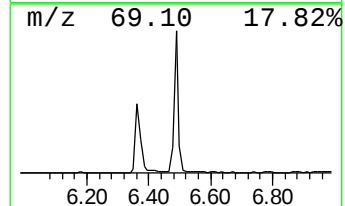
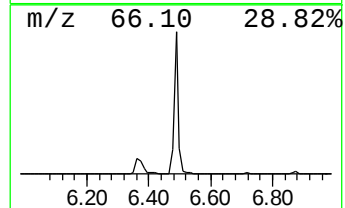
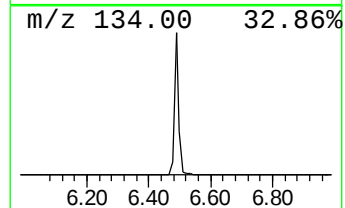
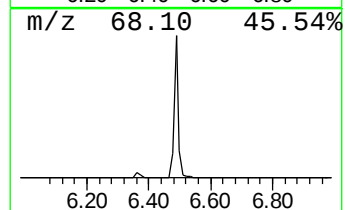
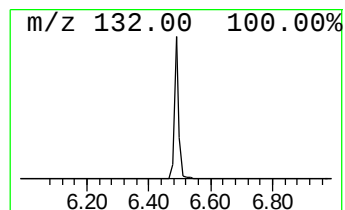
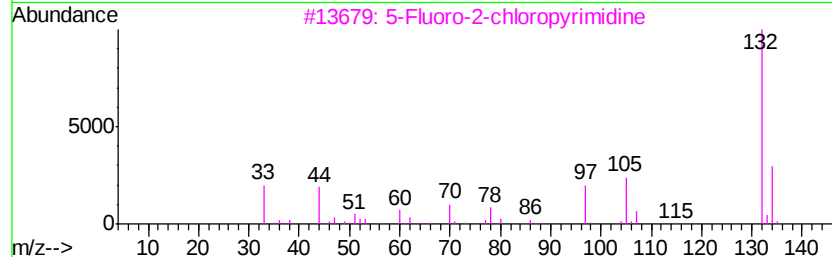
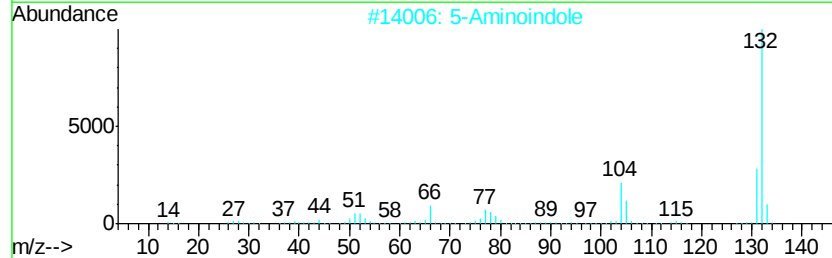
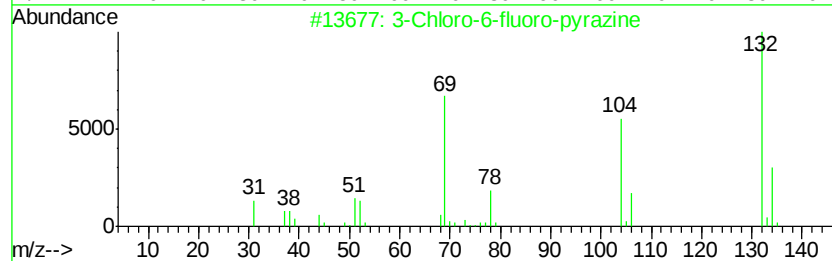
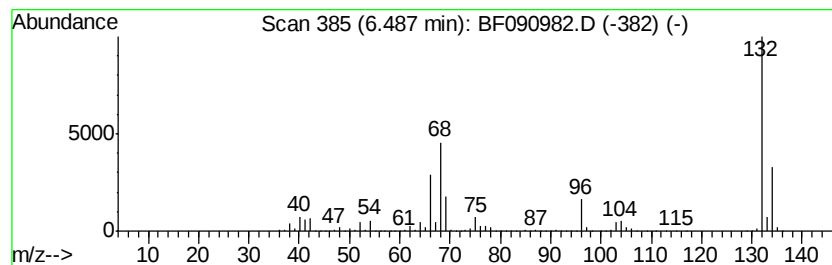
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	82.12 ng	3636730	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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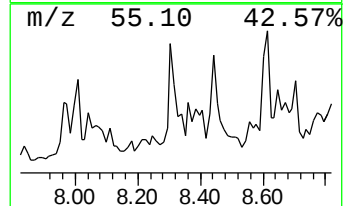
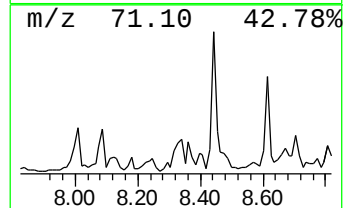
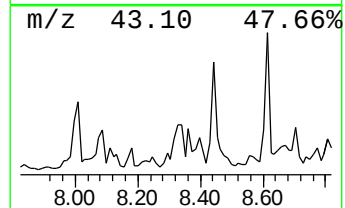
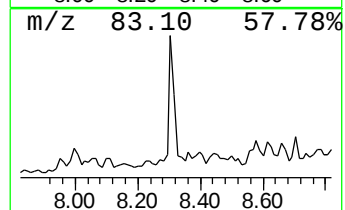
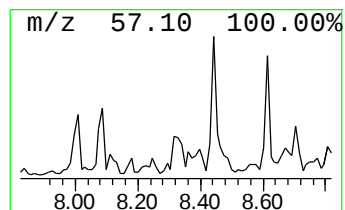
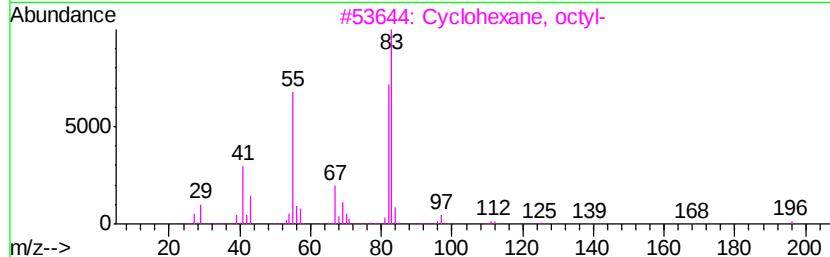
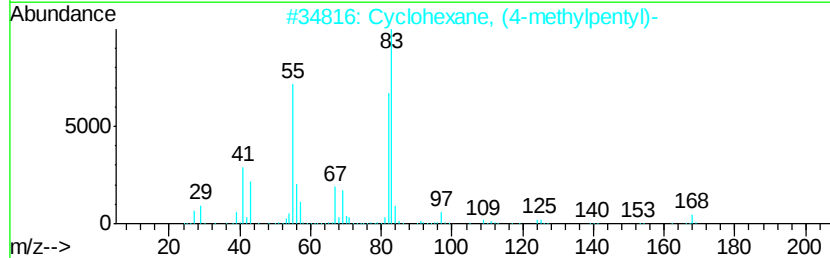
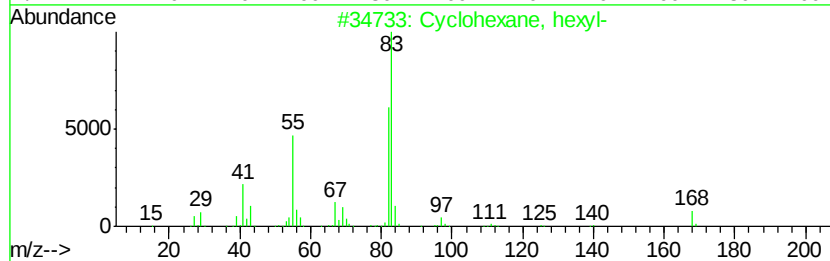
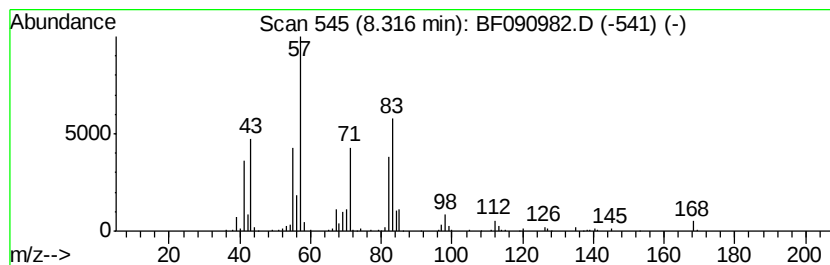
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.32 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	5.02 ng	492493	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	38
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090982.D
Acq On : 2 Nov 2016 16:25
Operator : UM/SJ
Sample : H5509-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-91-9.4-25.0

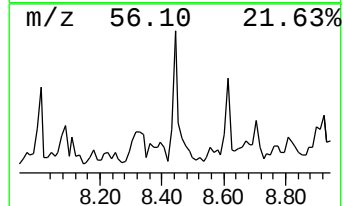
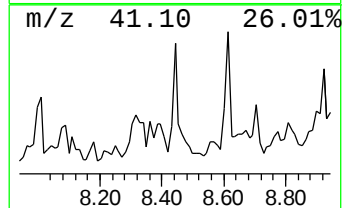
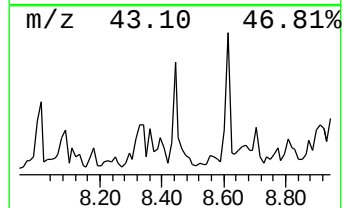
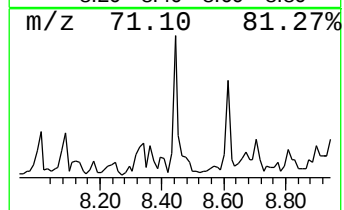
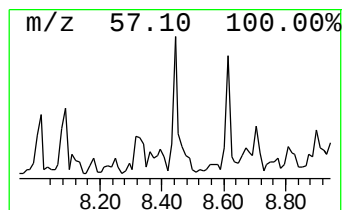
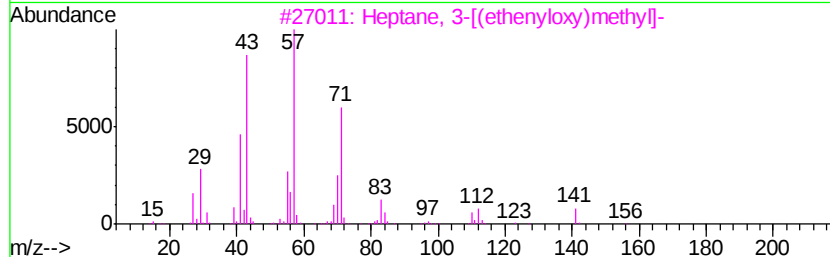
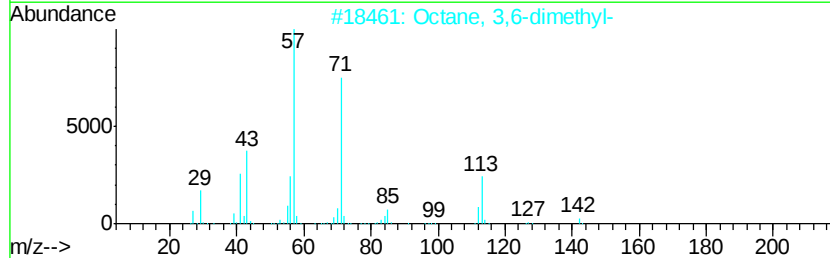
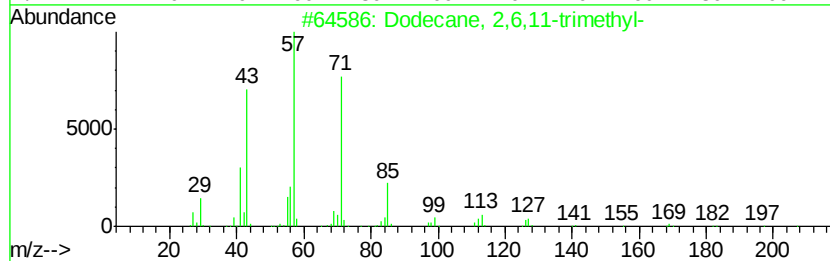
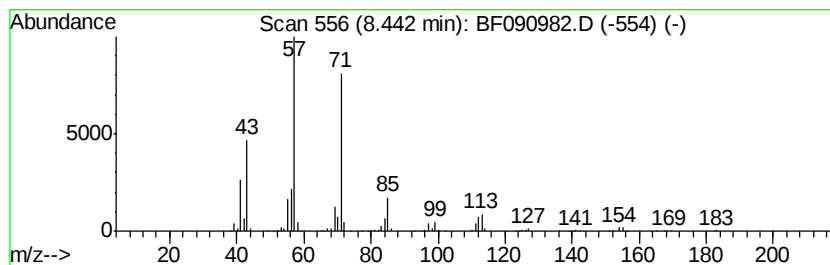
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	8.45 ng	828842	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3		Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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Acq On : 2 Nov 2016 16:25
Operator : UM/SJ
Sample : H5509-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

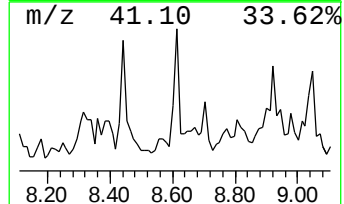
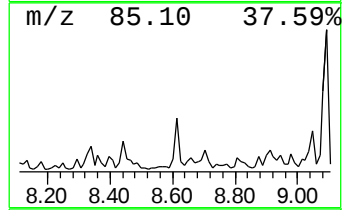
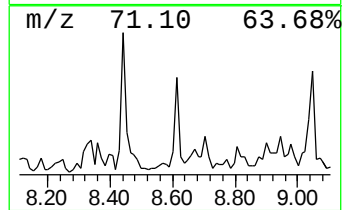
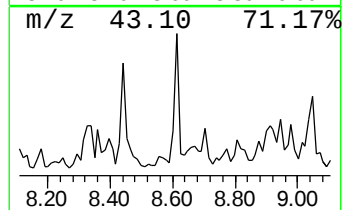
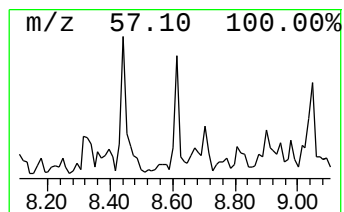
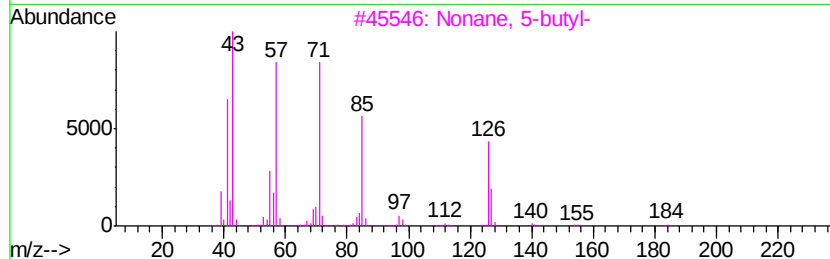
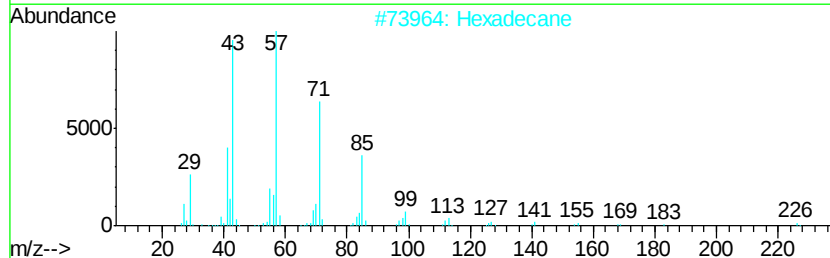
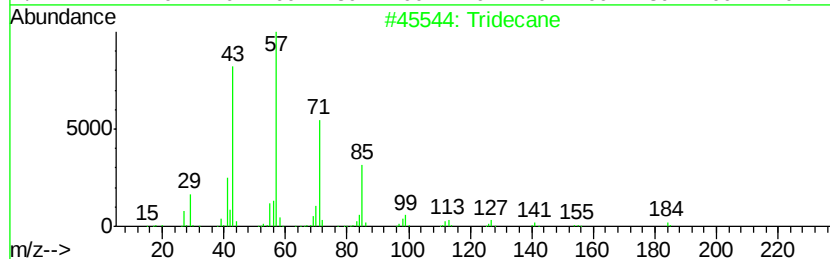
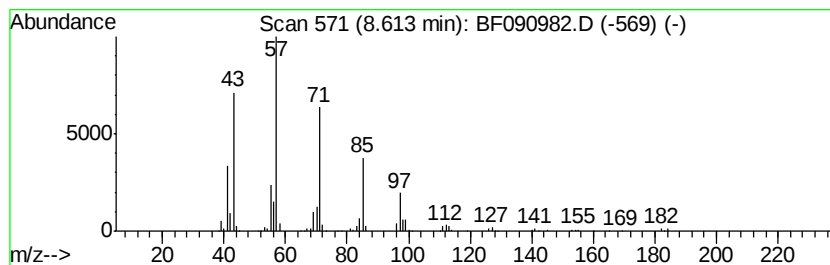
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.61	6.55 ng	642428	Naphthalene-d8	8.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Hexadecane	226	C16H34	000544-76-3	72
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	70
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090982.D
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Sample : H5509-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

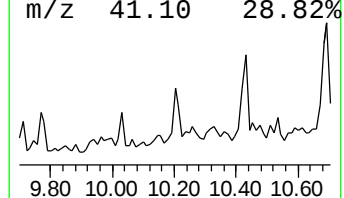
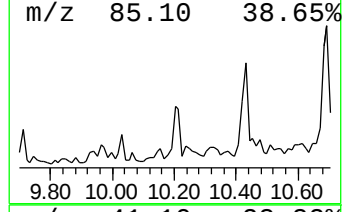
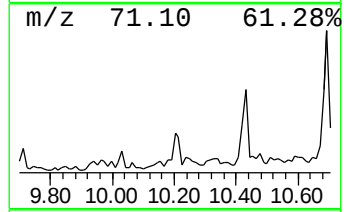
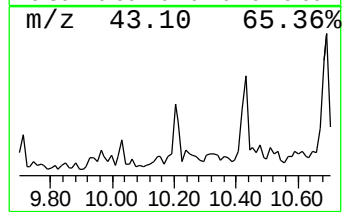
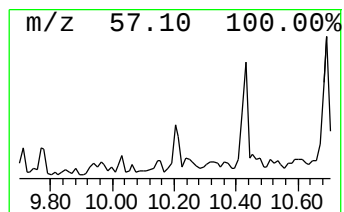
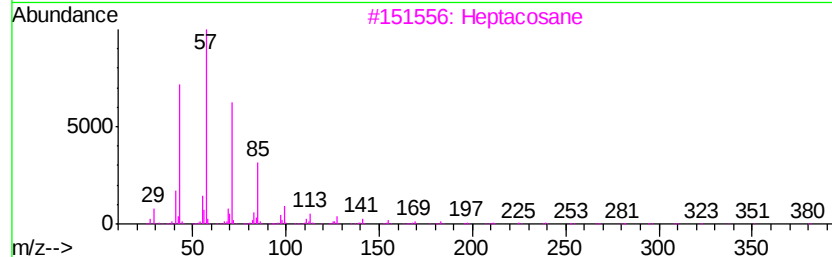
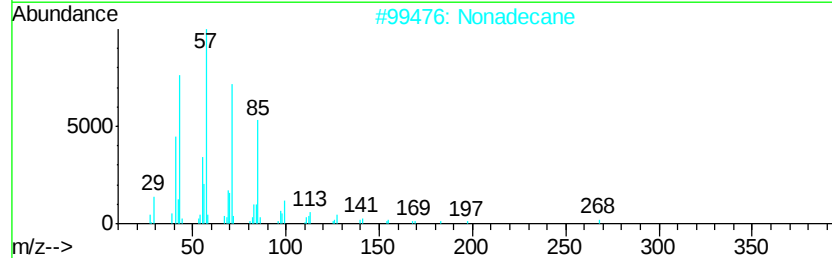
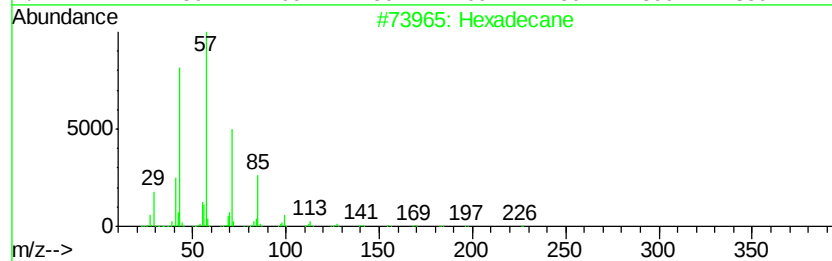
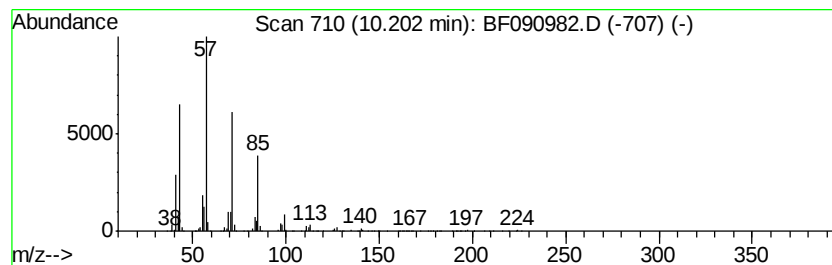
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.20	5.76 ng	1370240	Acenaphthene-d10		9.77
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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Sample : H5509-21
Misc :
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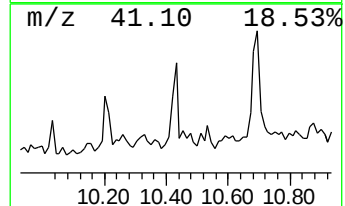
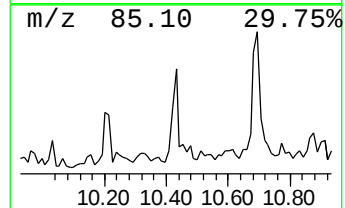
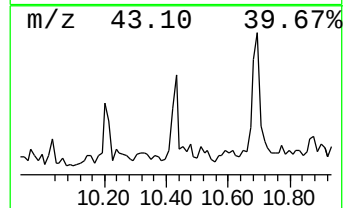
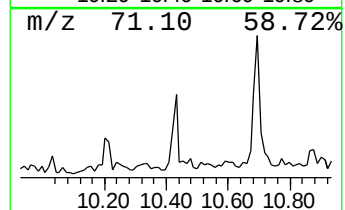
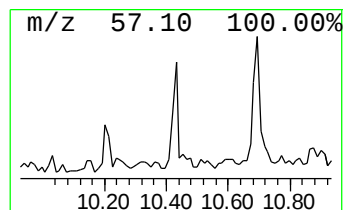
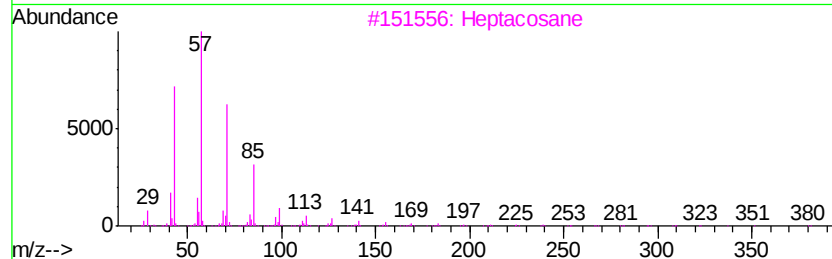
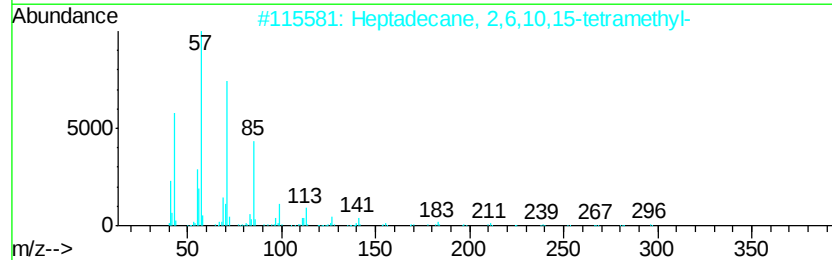
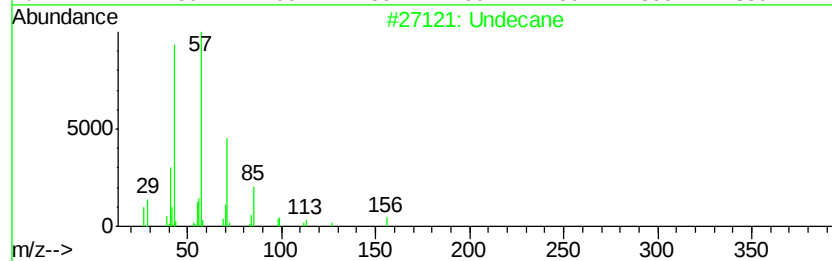
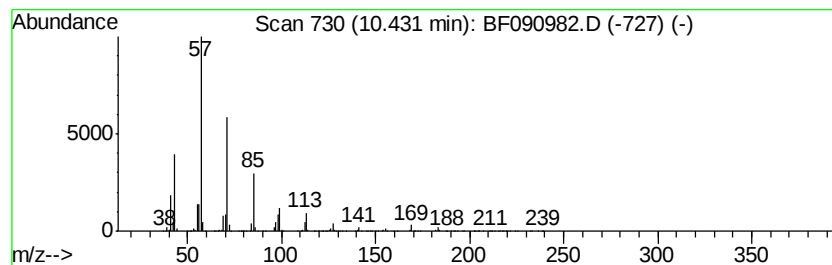
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	9.18 ng	2184980	Acenaphthene-d10	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane		156 C11H24	001120-21-4 90
2	Heptadecane, 2,6,10,15-tetramethyl-		296 C21H44	054833-48-6 90
3	Heptacosane		380 C27H56	000593-49-7 90
4	Pentadecane, 2,6,10-trimethyl-		254 C18H38	003892-00-0 90
5	Hexadecane		226 C16H34	000544-76-3 86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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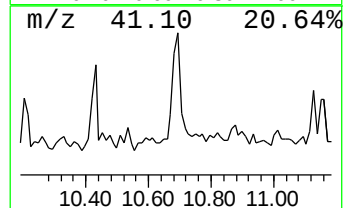
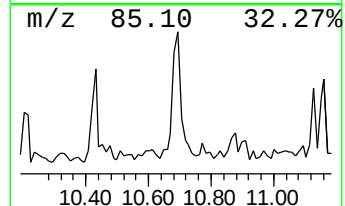
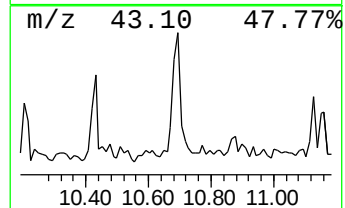
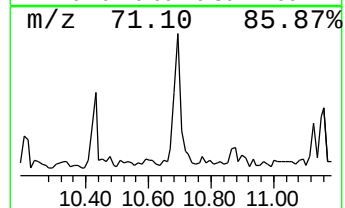
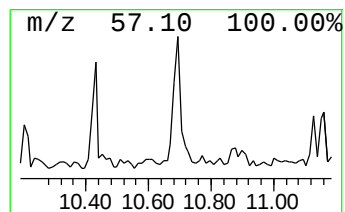
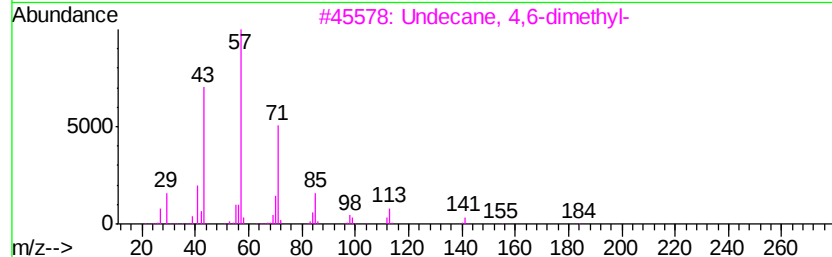
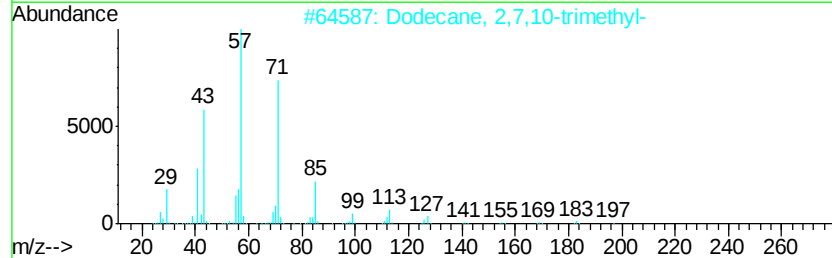
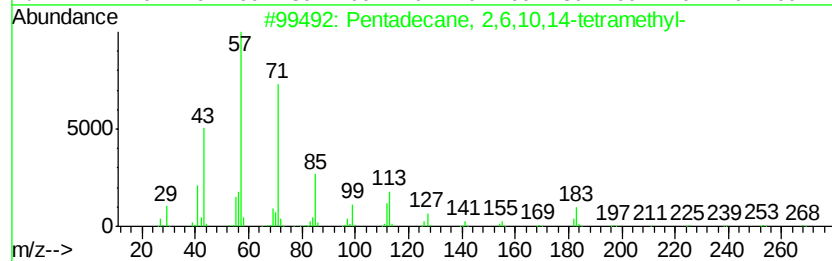
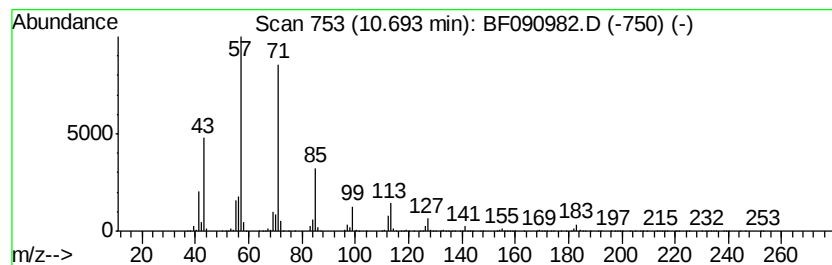
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.69	46.07 ng	3943680	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40		001921-70-6	78
2	Dodecane, 2,7,10-trimethyl-	212	C15H32		074645-98-0	72
3	Undecane, 4,6-dimethyl-	184	C13H28		017312-82-2	58
4	Heptane, 3-ethyl-5-methyl-	142	C10H22		052896-90-9	58
5	Hexane, 2,4,4-trimethyl-	128	C9H20		016747-30-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090982.D
Acq On : 2 Nov 2016 16:25
Operator : UM/SJ
Sample : H5509-21
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ALS Vial : 9 Sample Multiplier: 1

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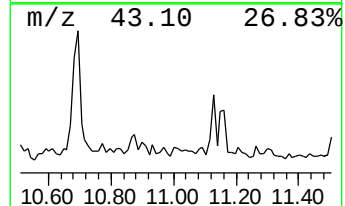
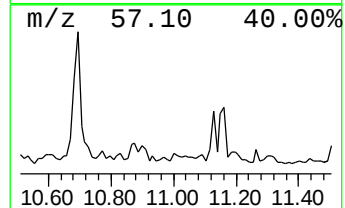
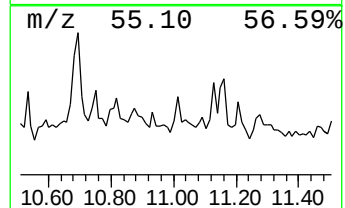
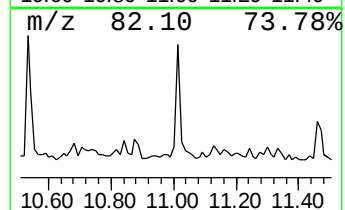
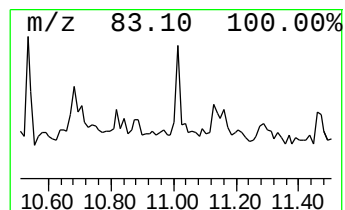
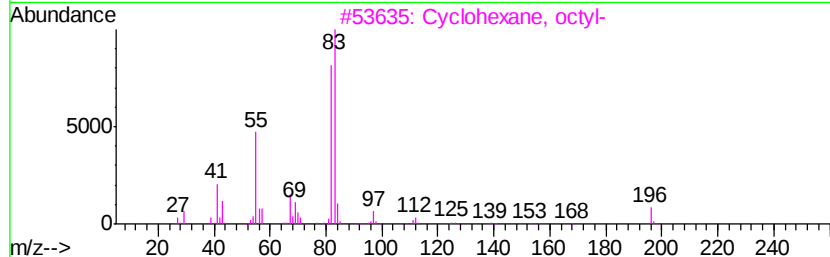
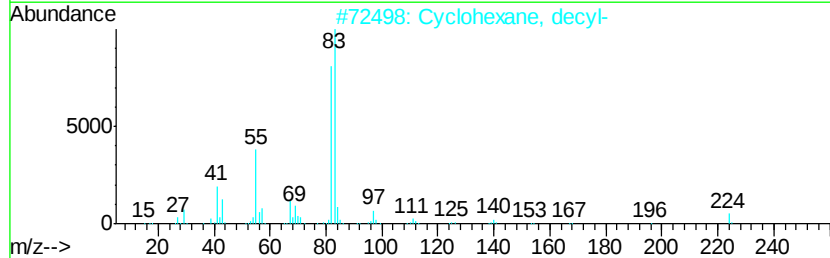
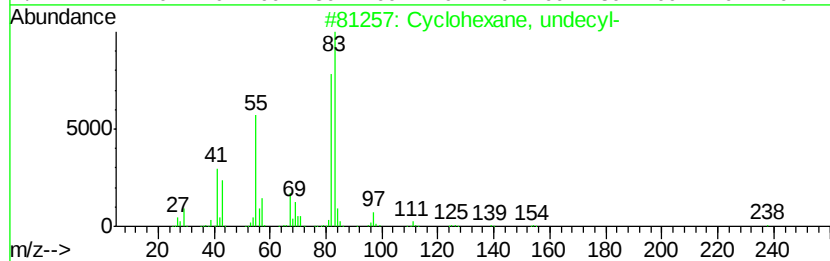
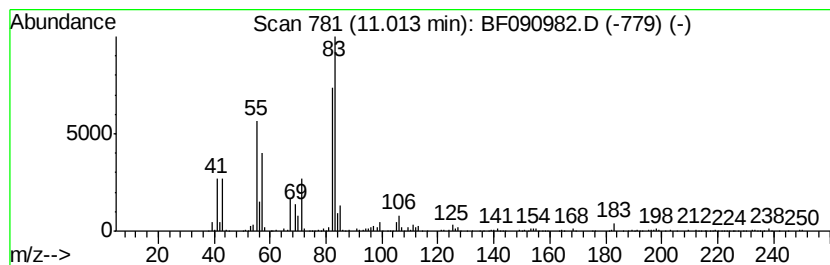
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, undecyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	10.11 ng	865531	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	87
2		Cyclohexane, decyl-	224	C16H32	001795-16-0	81
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	68
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
5		Heptylcyclohexane	182	C13H26	005617-41-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
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Acq On : 2 Nov 2016 16:25
Operator : UM/SJ
Sample : H5509-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GW-91-9.4-25.0

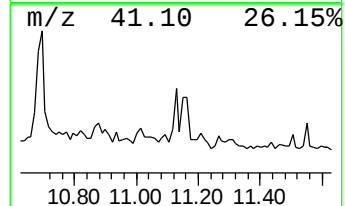
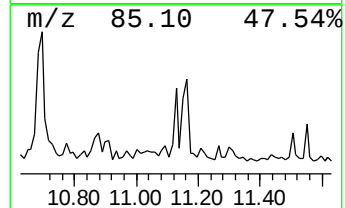
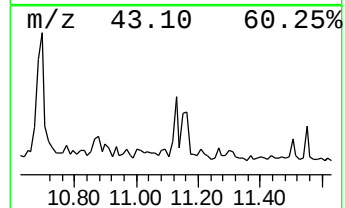
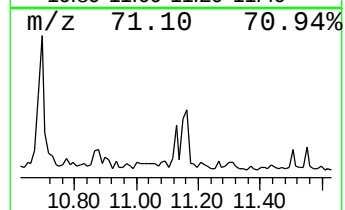
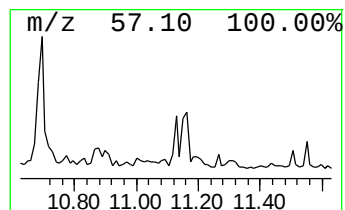
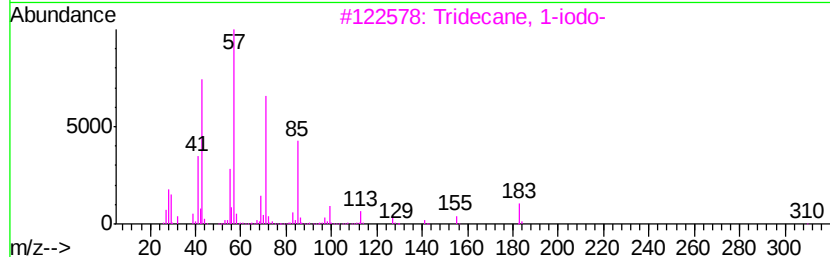
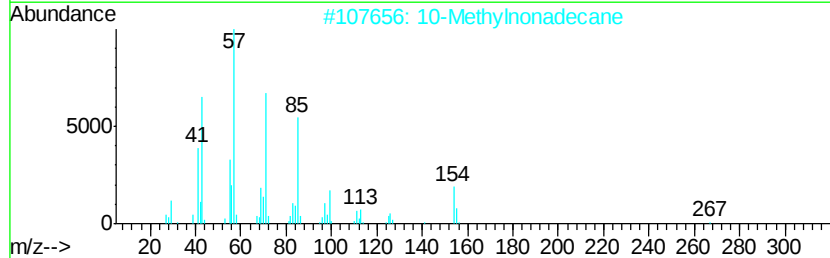
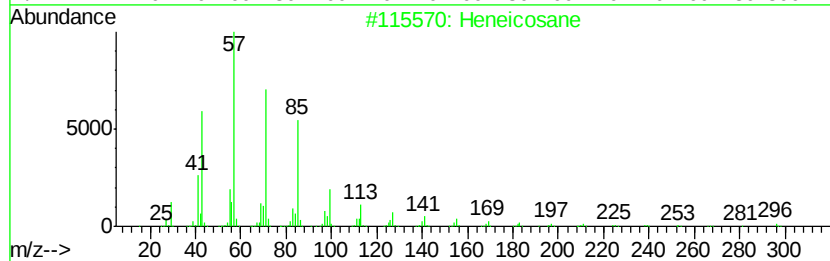
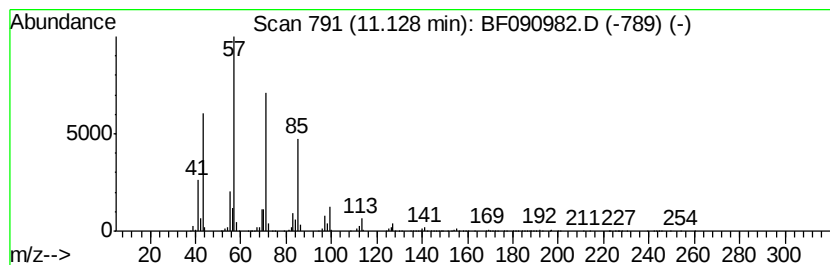
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	12.24 ng	1047310	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		10-Methylnonadecane	282	C20H42	056862-62-5	86
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090982.D
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Operator : UM/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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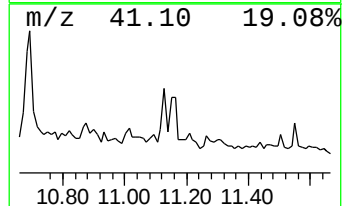
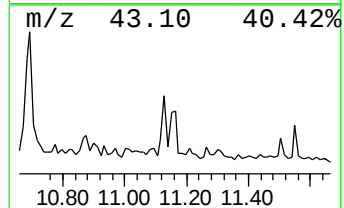
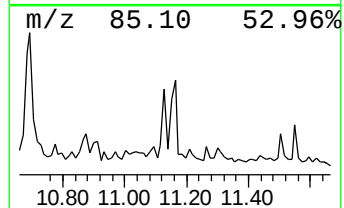
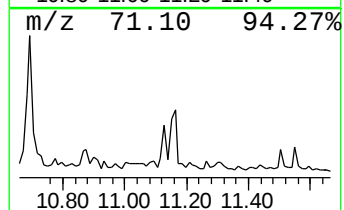
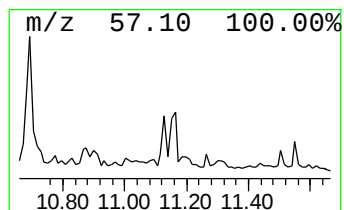
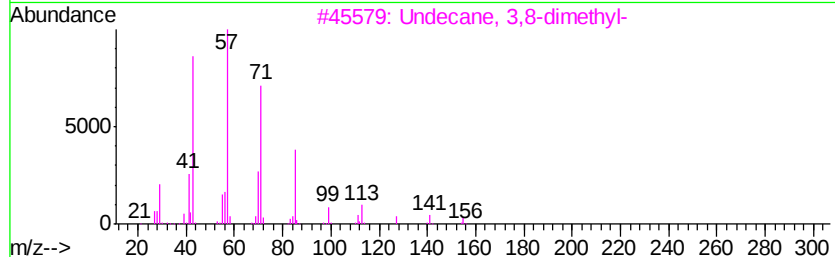
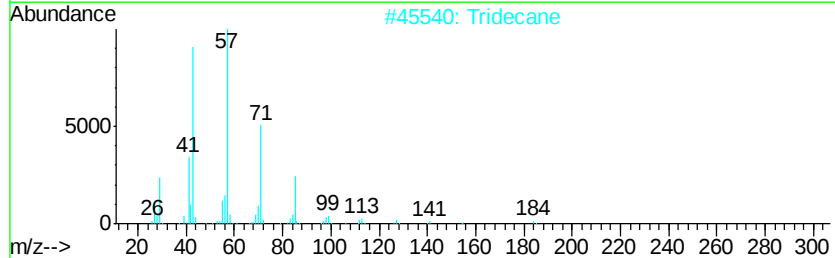
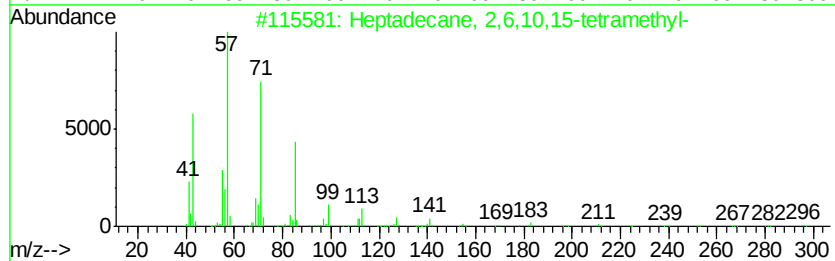
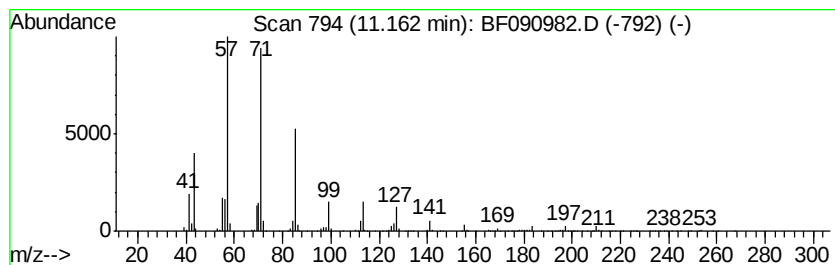
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	18.07 ng	1546290	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Tridecane	184	C13H28	000629-50-5	83
3		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090982.D
Acq On : 2 Nov 2016 16:25
Operator : UM/SJ
Sample : H5509-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

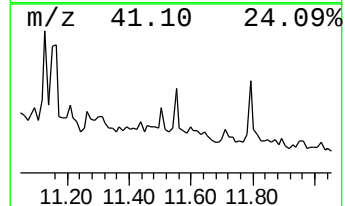
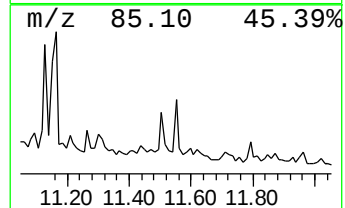
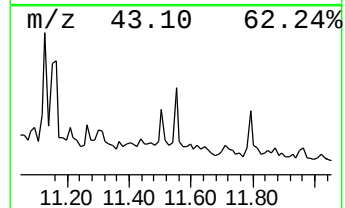
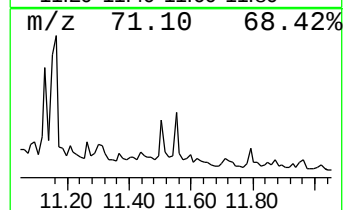
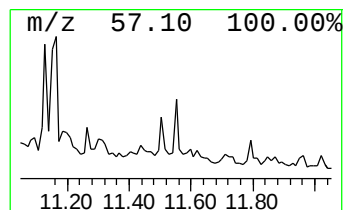
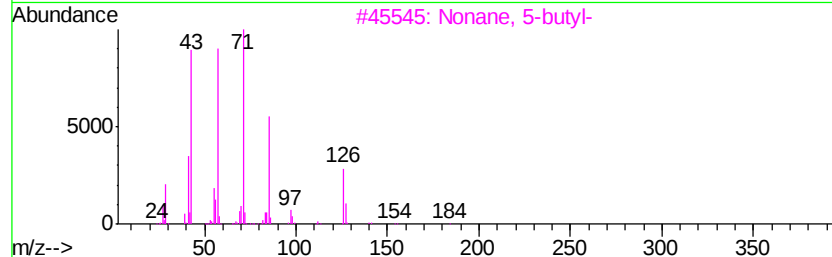
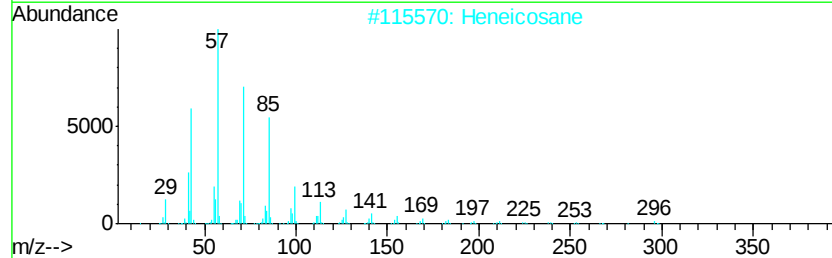
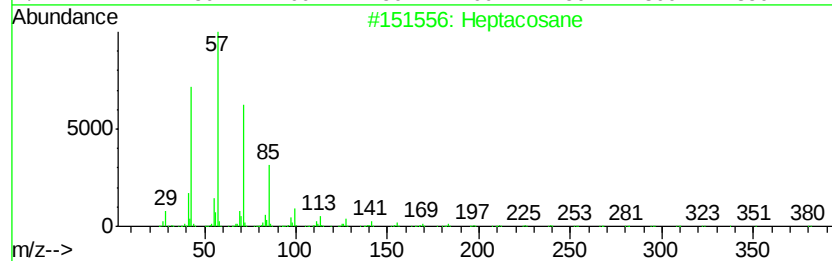
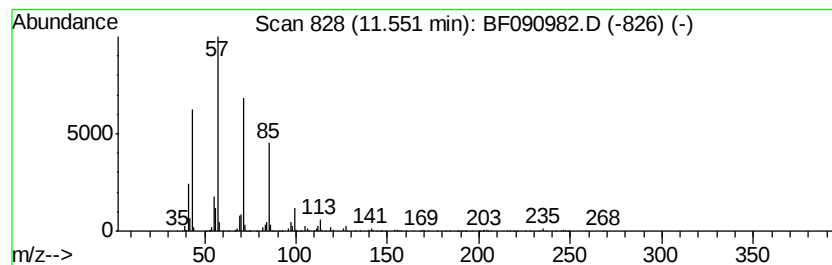
Instrument :
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ClientSampleId :
GW-91-9.4-25.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.55	5.51 ng	471502	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Heneicosane	296	C21H44	000629-94-7	83
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
4	Eicosane	282	C20H42	000112-95-8	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090982.D
Acq On : 2 Nov 2016 16:25
Operator : UM/SJ
Sample : H5509-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

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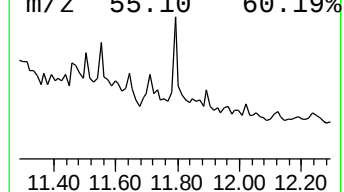
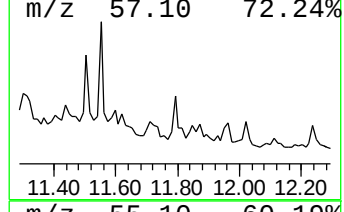
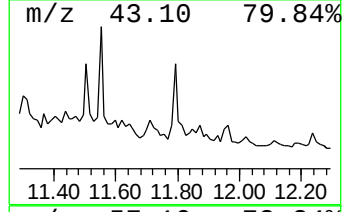
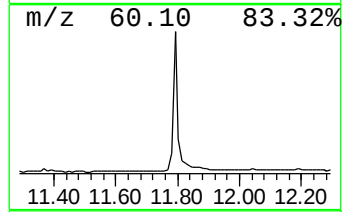
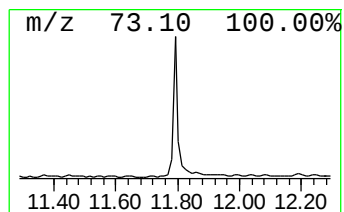
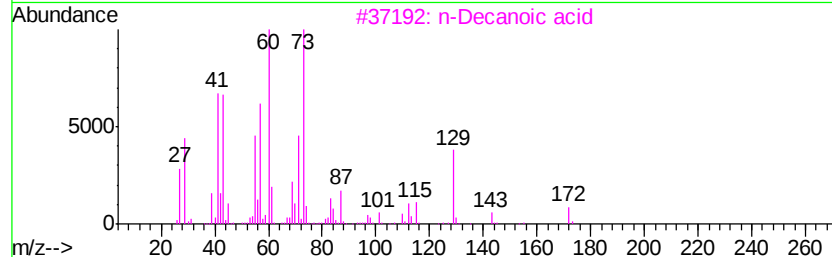
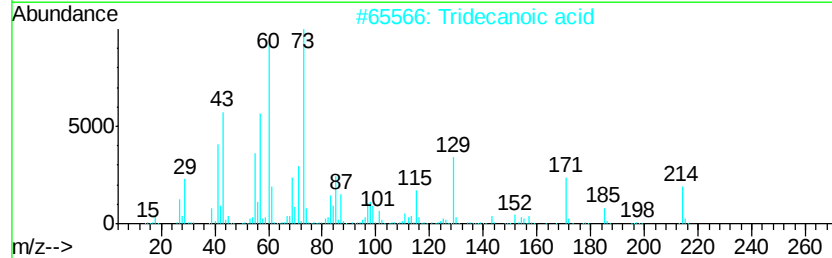
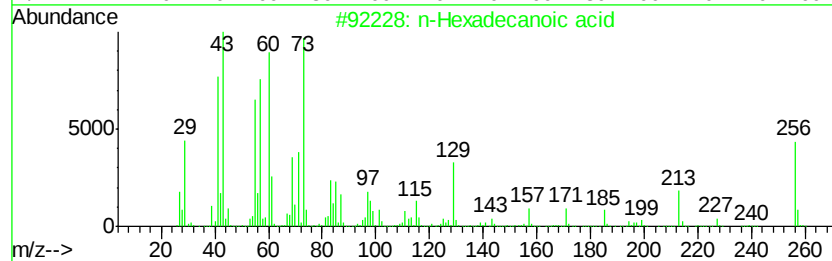
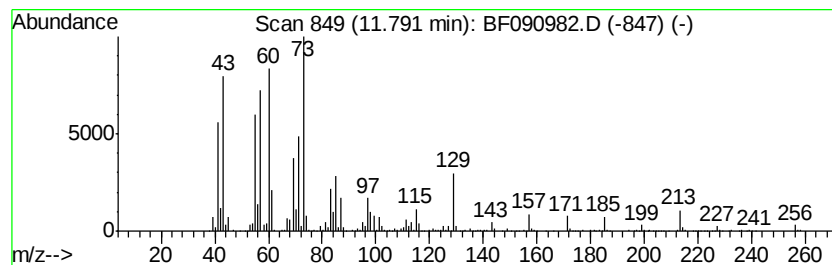
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	10.81 ng	925324	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	80
3		n-Decanoic acid	172	C10H20O2	000334-48-5	64
4		Pentadecane	212	C15H32	000629-62-9	53
5		2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090982.D
Acq On : 2 Nov 2016 16:25
Operator : UM/SJ
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GW-91-9.4-25.0

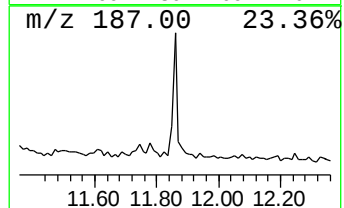
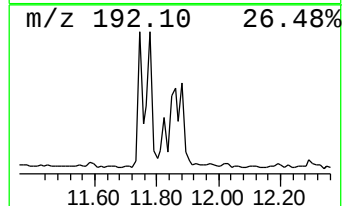
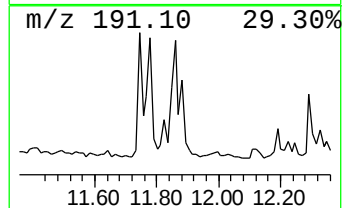
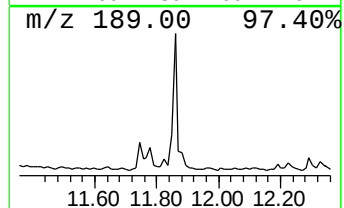
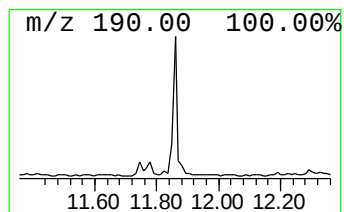
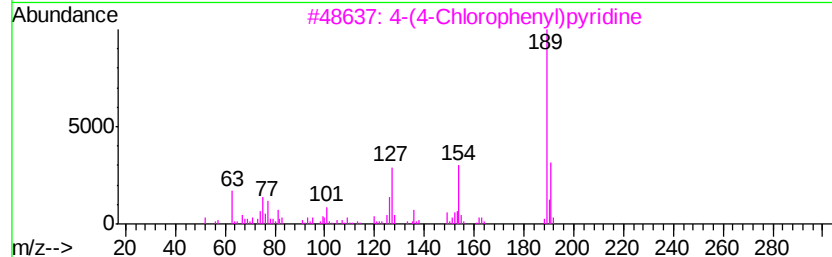
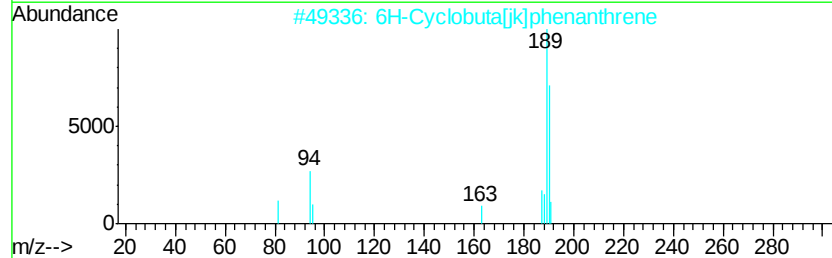
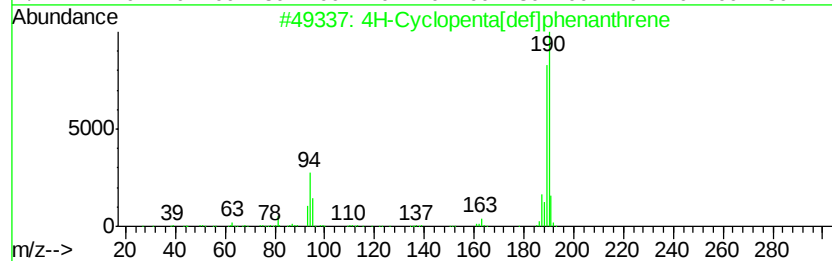
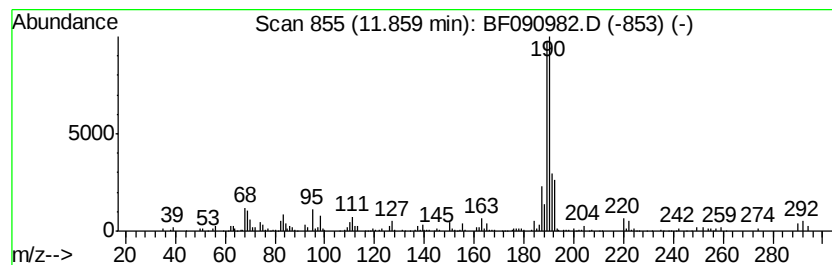
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	6.06 ng	518703	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3			4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	38
4			Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	36
5			Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090982.D
Acq On : 2 Nov 2016 16:25
Operator : UM/SJ
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Misc :
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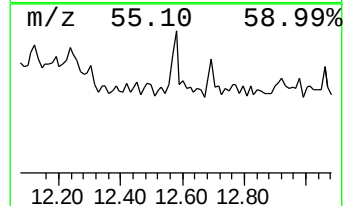
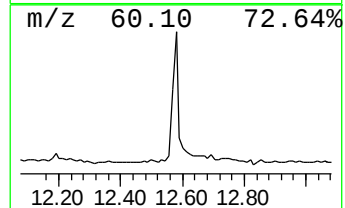
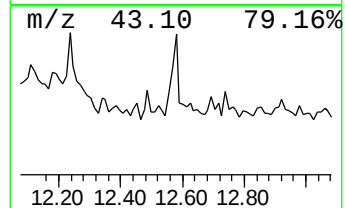
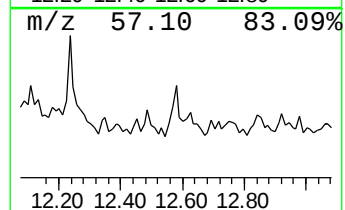
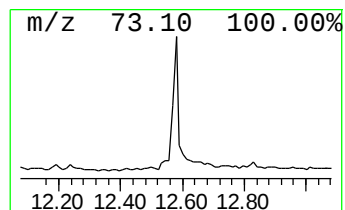
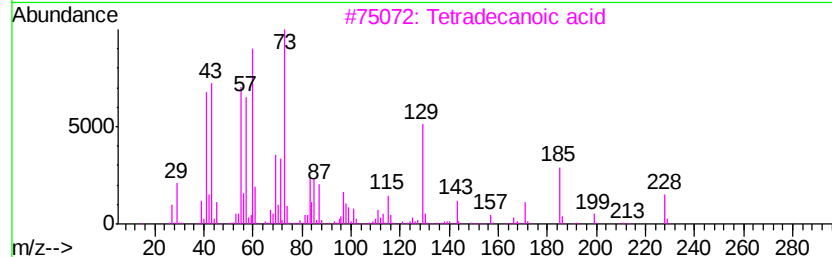
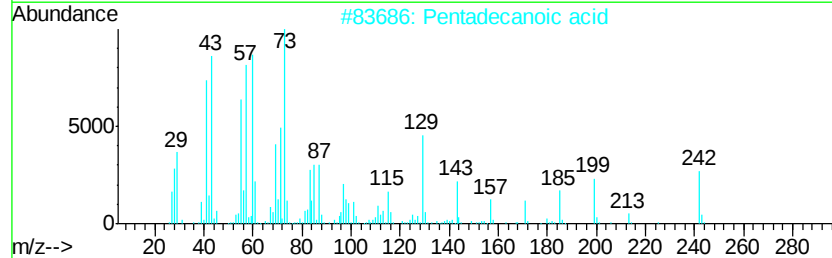
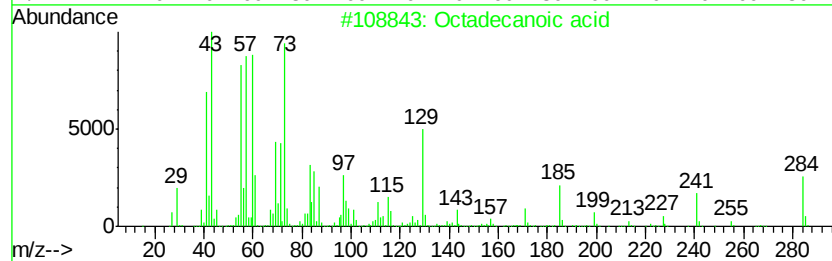
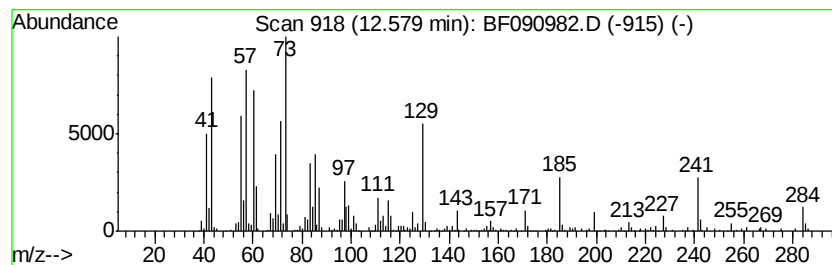
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	7.91 ng	386842	Chrysene-d12	13.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4			n-Decanoic acid	172	C10H20O2	000334-48-5	50
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090982.D
Acq On : 2 Nov 2016 16:25
Operator : UM/SJ
Sample : H5509-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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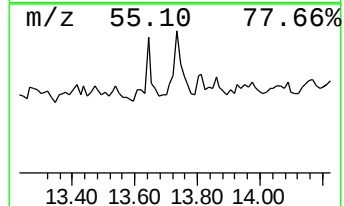
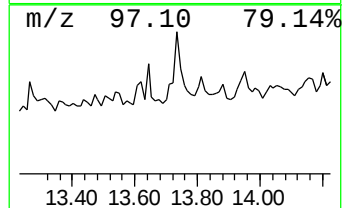
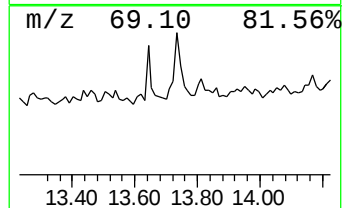
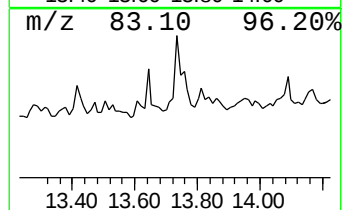
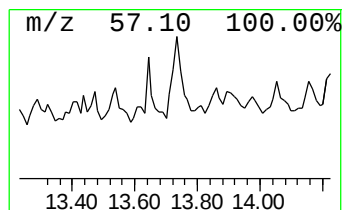
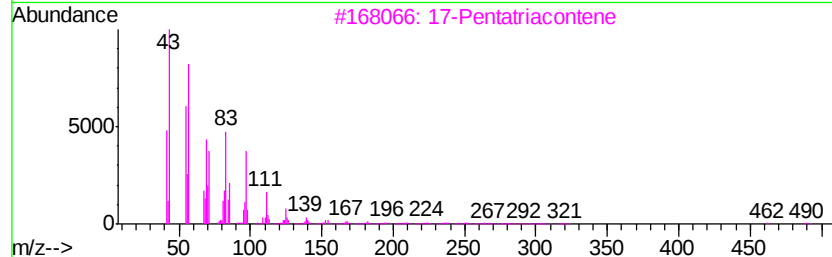
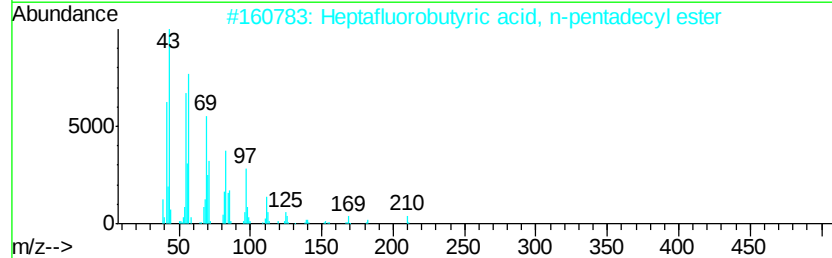
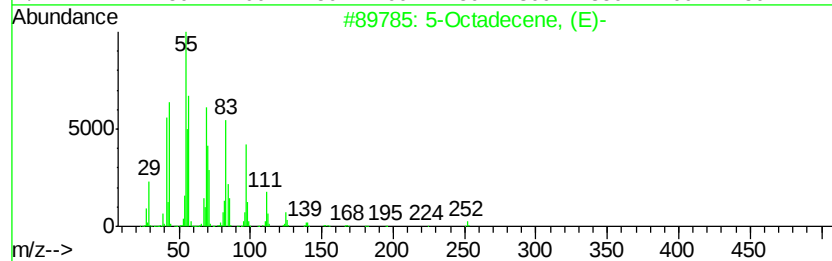
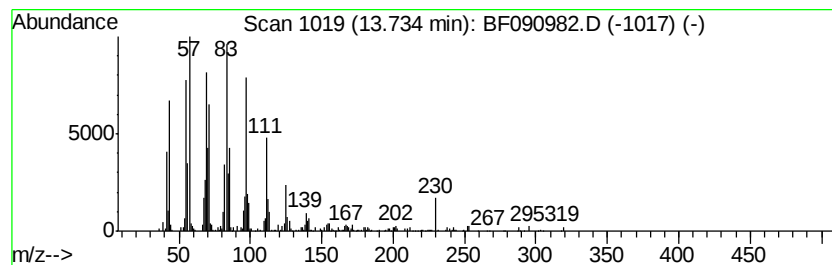
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Octadecene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.76 ng	330692	Chrysene-d12	13.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2			Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
3			17-Pentatriacontene	491	C35H70	006971-40-0	91
4			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090982.D
 Acq On : 2 Nov 2016 16:25
 Operator : UM/SJ
 Sample : H5509-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-91-9.4-25.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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
Cyclohexane, methyl-	2.59	7.4	ng	325739	1	6.72	885671	20.0
2-Pentanone, 4-hy...	4.88	14.1	ng	625646	1	6.72	885671	20.0
unknown6.49	6.49	82.1	ng	3636730	1	6.72	885671	20.0
unknown8.32	8.32	5.0	ng	492493	2	8.01	1960870	20.0
Dodecane, 2,6,11-...	8.44	8.4	ng	828842	2	8.01	1960870	20.0
Tridecane	8.61	6.5	ng	642428	2	8.01	1960870	20.0
Hexadecane	10.20	5.8	ng	1370240	3	9.77	4760270	20.0
Undecane	10.43	9.2	ng	2184980	3	9.77	4760270	20.0
Pentadecane, 2,6,...	10.69	46.1	ng	3943680	4	11.24	1711860	20.0
Cyclohexane, unde...	11.01	10.1	ng	865531	4	11.24	1711860	20.0
Heneicosane	11.13	12.2	ng	1047310	4	11.24	1711860	20.0
Heptadecane, 2,6,...	11.16	18.1	ng	1546290	4	11.24	1711860	20.0
Heptacosane	11.55	5.5	ng	471502	4	11.24	1711860	20.0
n-Hexadecanoic acid	11.79	10.8	ng	925324	4	11.24	1711860	20.0
4H-Cyclopenta[def...	11.86	6.1	ng	518703	4	11.24	1711860	20.0
Octadecanoic acid	12.58	7.9	ng	386842	5	13.88	978567	20.0
5-Octadecene, (E)-	13.73	6.8	ng	330692	5	13.88	978567	20.0