

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
 Data File : BF108837.D
 Acq On : 6 Sep 2018 21:37
 Operator : JU/SJ
 Sample : J4803-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-H5

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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	4.931	437	441	449	rVB	135770	178994	3.66%	0.226%
2	5.342	506	511	514	rBV	3829534	3644540	74.58%	4.607%
3	5.554	544	547	550	rVB	57470	48951	1.00%	0.062%
4	5.672	561	567	574	rVB3	35944	62048	1.27%	0.078%
5	5.760	574	582	587	rVB3	111224	158941	3.25%	0.201%
6	5.819	587	592	595	rBV2	100048	155738	3.19%	0.197%
7	5.901	603	606	610	rVB	275420	244640	5.01%	0.309%
8	5.954	610	615	619	rBV2	147344	222283	4.55%	0.281%
9	6.001	619	623	629	rBV	632936	777993	15.92%	0.983%
10	6.054	629	632	635	rBV	514041	481424	9.85%	0.609%
11	6.089	635	638	640	rVB3	59354	70079	1.43%	0.089%
12	6.113	640	642	644	rVB2	77648	64573	1.32%	0.082%
13	6.136	644	646	649	rVB2	79811	70109	1.43%	0.089%
14	6.189	649	655	658	rBV	460712	569296	11.65%	0.720%
15	6.231	658	662	663	rBV3	62061	76521	1.57%	0.097%
16	6.248	663	665	667	rBV	239165	188533	3.86%	0.238%
17	6.278	667	670	673	rBV3	507686	546202	11.18%	0.690%
18	6.307	673	675	679	rVB	272851	244751	5.01%	0.309%
19	6.366	679	685	688	rBV	4133557	4243443	86.84%	5.364%
20	6.395	688	690	692	rVB	210027	147976	3.03%	0.187%
21	6.419	692	694	696	rVB	302500	223856	4.58%	0.283%
22	6.448	696	699	702	rVB	265198	258189	5.28%	0.326%
23	6.501	702	708	711	rBV	4378796	4886562	100.00%	6.177%
24	6.525	711	712	721	rVB5	319912	395391	8.09%	0.500%
25	6.589	721	723	724	rBV	356064	276386	5.66%	0.349%
26	6.607	724	726	728	rVB2	442344	340611	6.97%	0.431%
27	6.636	728	731	732	rBV	93061	98618	2.02%	0.125%
28	6.654	732	734	735	rBV2	93053	78569	1.61%	0.099%
29	6.695	735	741	743	rBV4	350171	570868	11.68%	0.722%
30	6.736	743	748	751	rBV2	2250371	2382641	48.76%	3.012%
31	6.772	751	754	757	rVB	3065773	2733784	55.94%	3.456%
32	6.813	757	761	763	rBV	818277	961439	19.68%	1.215%
33	6.848	763	767	768	rBV3	460093	537903	11.01%	0.680%
34	6.872	768	771	772	rVV	788281	740688	15.16%	0.936%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.895	772	775	779	rVV2	3964383	3932780	80.48%	4.971%
36	6.931	779	781	784	rVB	677712	596544	12.21%	0.754%
37	6.960	784	786	787	rBV	388346	308835	6.32%	0.390%
38	6.983	787	790	792	rBV3	555546	417728	8.55%	0.528%
39	7.031	792	798	801	rVB3	1046424	1600637	32.76%	2.023%
40	7.060	801	803	806	rVB2	711073	528637	10.82%	0.668%
41	7.095	806	809	812	rBV2	787362	956823	19.58%	1.209%
42	7.136	813	816	819	rBV2	1113151	992322	20.31%	1.254%
43	7.172	819	822	824	rBV2	243106	236157	4.83%	0.299%
44	7.225	829	831	834	rBV2	255236	278584	5.70%	0.352%
45	7.289	834	842	846	rBV2	3111221	4073764	83.37%	5.149%
46	7.331	846	849	850	rBV2	626788	560950	11.48%	0.709%
47	7.348	850	852	855	rVB3	488064	489839	10.02%	0.619%
48	7.389	855	859	864	rVB4	1118028	1829412	37.44%	2.312%
49	7.466	864	872	876	rBV3	1164565	2102803	43.03%	2.658%
50	7.507	876	879	881	rVB3	392408	422880	8.65%	0.535%
51	7.536	881	884	885	rBV2	1256052	1075422	22.01%	1.359%
52	7.589	890	893	895	rVV	483666	563574	11.53%	0.712%
53	7.648	899	903	904	rVV2	748326	1044966	21.38%	1.321%
54	7.666	904	906	911	rVV2	1052355	1511449	30.93%	1.910%
55	7.713	911	914	917	rVV2	566395	698732	14.30%	0.883%
56	7.748	918	920	923	rVV2	382900	373673	7.65%	0.472%
57	7.789	923	927	930	rVV3	336146	474227	9.70%	0.599%
58	7.830	932	934	936	rVV	209866	176400	3.61%	0.223%
59	7.854	936	938	942	rVB2	365228	356840	7.30%	0.451%
60	7.895	942	945	947	rBV	232581	221691	4.54%	0.280%
61	7.919	947	949	950	rBV2	111685	86783	1.78%	0.110%
62	7.966	955	957	959	rVV2	470072	554800	11.35%	0.701%
63	8.013	962	965	969	rVV	2346495	2582162	52.84%	3.264%
64	8.042	969	970	974	rVV3	264741	407172	8.33%	0.515%
65	8.078	974	976	977	rVV2	304485	270153	5.53%	0.341%
66	8.095	977	979	981	rVV	667815	572001	11.71%	0.723%
67	8.119	981	983	986	rVV2	204710	248908	5.09%	0.315%
68	8.148	986	988	991	rVV3	144931	136858	2.80%	0.173%
69	8.195	994	996	1000	rVV4	113494	137751	2.82%	0.174%
70	8.236	1000	1003	1006	rVB2	88350	77143	1.58%	0.098%
71	8.319	1013	1017	1020	rVB5	120104	157079	3.21%	0.199%

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72	8.454	1037	1040	1045	rBV	168006	163929	3.35%	0.207%
73	9.054	1139	1142	1144	rVB	73016	55673	1.14%	0.070%
74	9.089	1144	1148	1152	rBV	4521894	4273037	87.44%	5.401%
75	9.219	1167	1170	1173	rVB2	54004	53132	1.09%	0.067%
76	9.483	1211	1215	1218	rBV	1614715	1195781	24.47%	1.511%
77	9.766	1259	1263	1267	rVB	2349895	1998536	40.90%	2.526%
78	10.548	1391	1396	1399	rBV	2494185	2273569	46.53%	2.874%
79	11.242	1510	1514	1517	rBV	2134760	1742536	35.66%	2.203%
80	11.783	1601	1606	1610	rBV2	185432	229818	4.70%	0.290%
81	12.448	1716	1719	1722	rBV	62050	68341	1.40%	0.086%
82	12.495	1724	1727	1732	rVB	84011	91863	1.88%	0.116%
83	12.565	1736	1739	1742	rBV5	51612	66687	1.36%	0.084%
84	12.824	1779	1783	1786	rBV	3665665	3164211	64.75%	4.000%
85	13.383	1876	1878	1881	rBV2	60257	71011	1.45%	0.090%
86	13.412	1881	1883	1886	rVB2	84613	68505	1.40%	0.087%
87	13.736	1935	1938	1947	rVB	258872	307234	6.29%	0.388%
88	13.865	1956	1960	1963	rBV	2118846	1829914	37.45%	2.313%
89	14.054	1989	1992	1995	rBV	113616	101388	2.07%	0.128%
90	14.359	2041	2044	2048	rBV	127534	118212	2.42%	0.149%
91	14.624	2086	2089	2092	rBV	184417	195277	4.00%	0.247%
92	14.654	2092	2094	2101	rVV	179322	187509	3.84%	0.237%
93	14.724	2103	2106	2110	rVB	268030	242977	4.97%	0.307%
94	14.971	2145	2148	2153	rVB	191105	196353	4.02%	0.248%
95	15.271	2194	2199	2203	rVV	1527802	1743635	35.68%	2.204%
96	15.330	2206	2209	2218	rVB	175332	218977	4.48%	0.277%
97	15.736	2274	2278	2283	rBV	165945	231597	4.74%	0.293%
98	16.118	2340	2343	2349	rVB6	74072	124445	2.55%	0.157%
99	16.206	2354	2358	2364	rVB2	143228	220354	4.51%	0.279%
100	16.759	2448	2452	2457	rVB	80633	140139	2.87%	0.177%

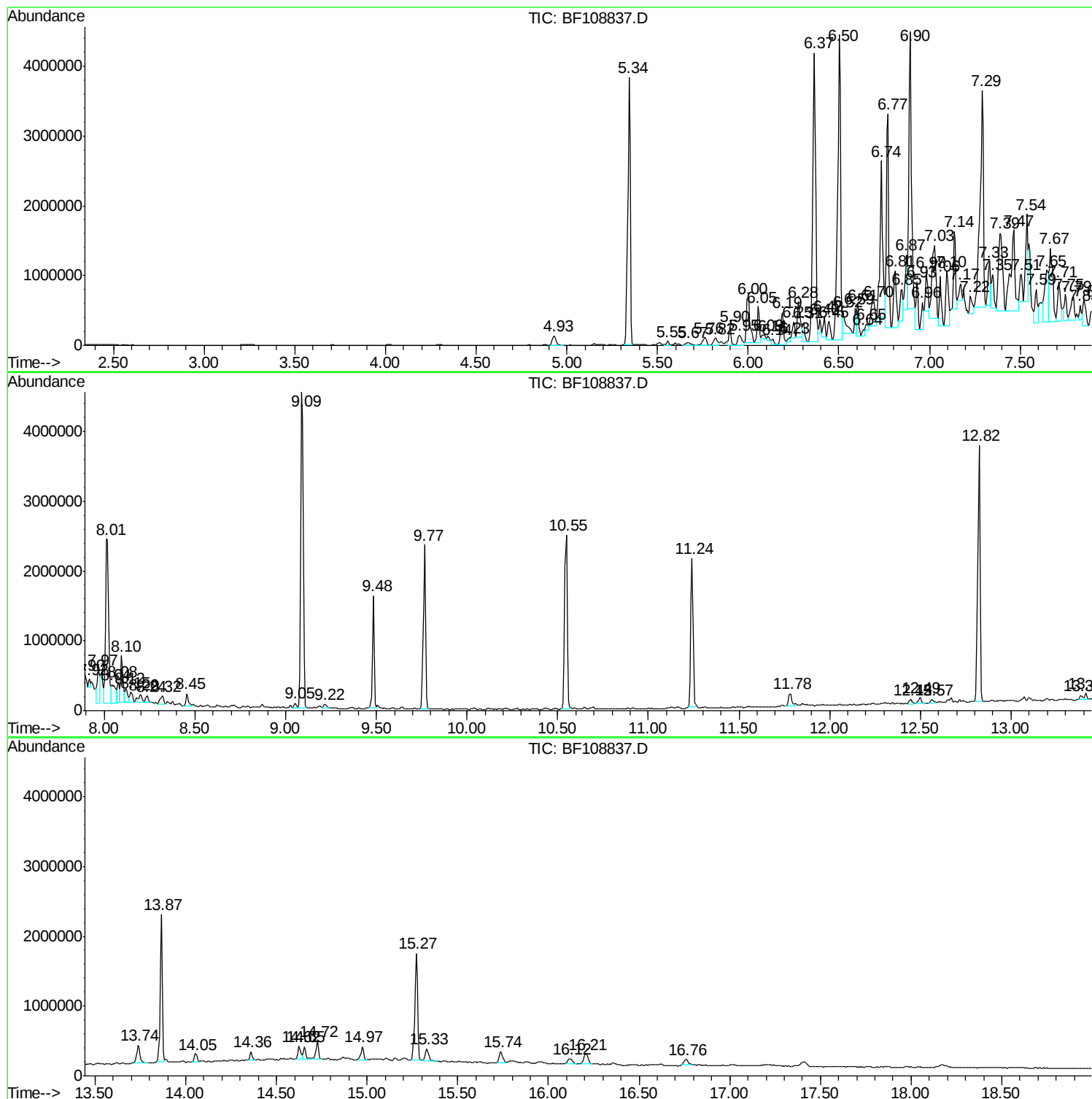
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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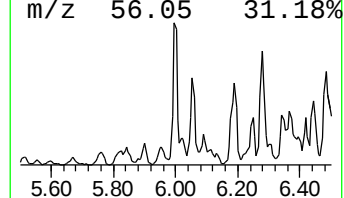
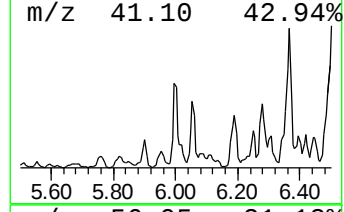
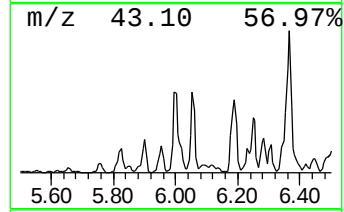
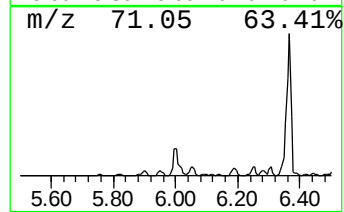
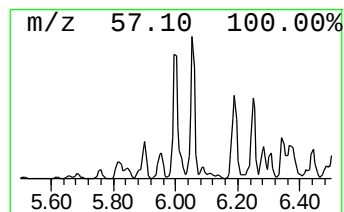
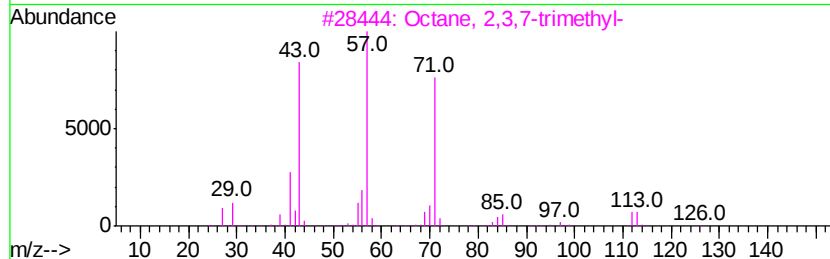
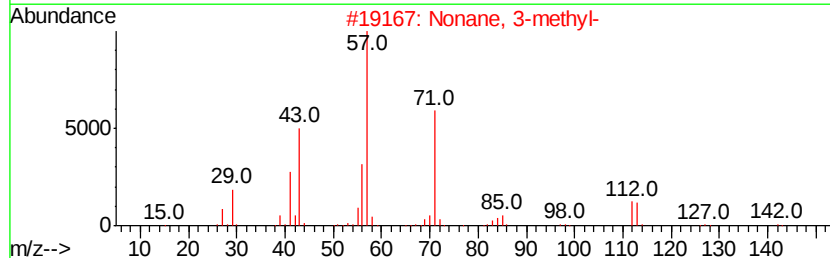
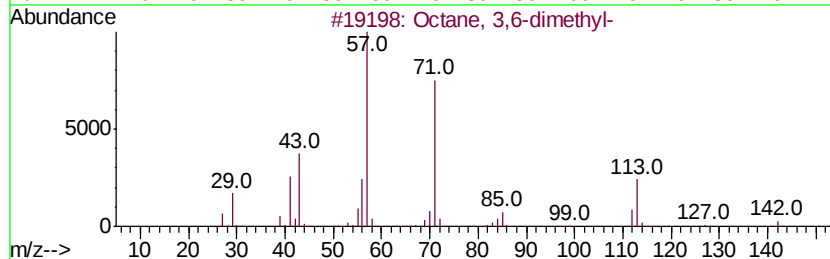
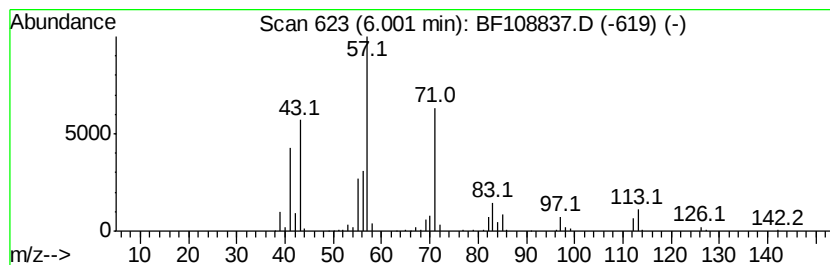
Instrument :
BNA_F
ClientSampled :
EP1-Q2-H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Octane, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.00	6.53 ng	777993	1,4-Dichlorobenzene-d4	6.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47



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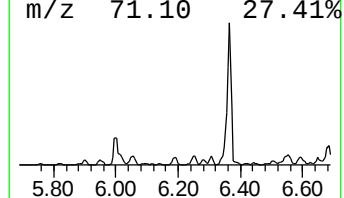
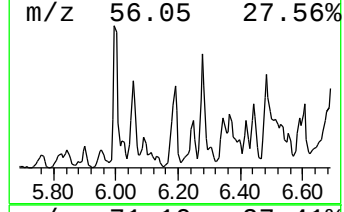
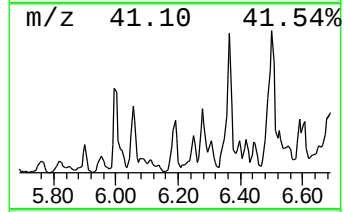
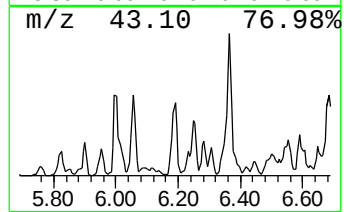
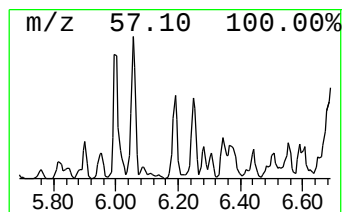
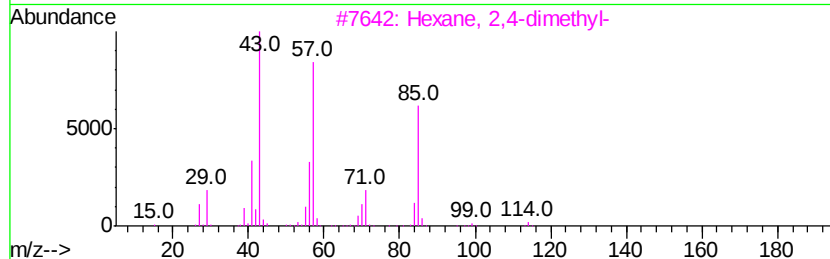
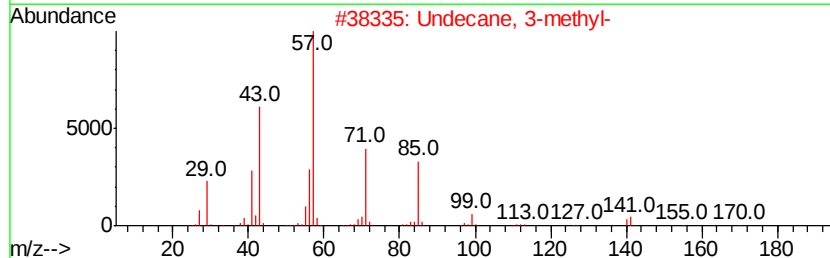
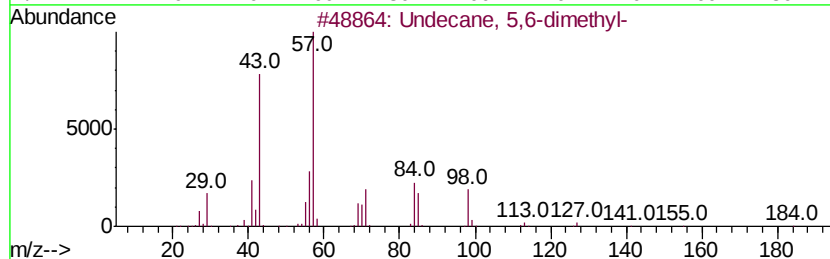
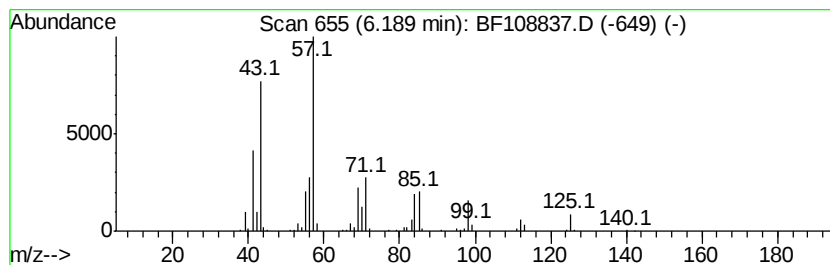
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 5,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	4.78 ng	569296	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	80
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4		Decane	142	C10H22	000124-18-5	50
5		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50



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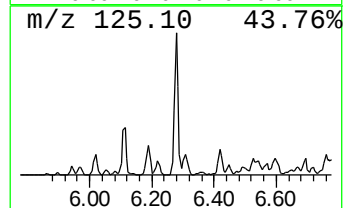
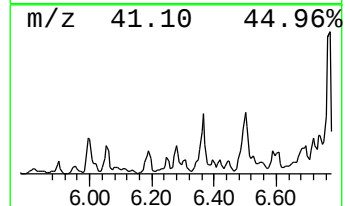
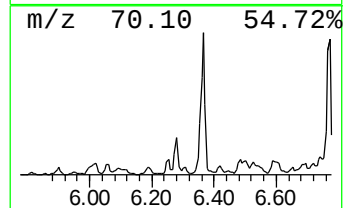
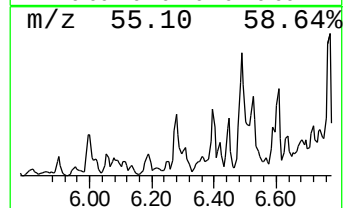
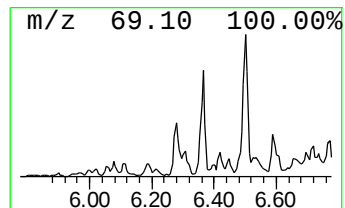
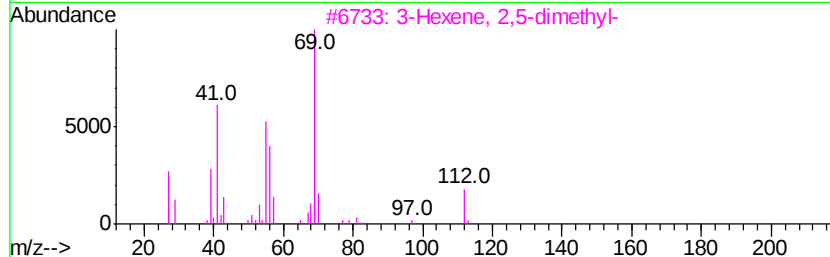
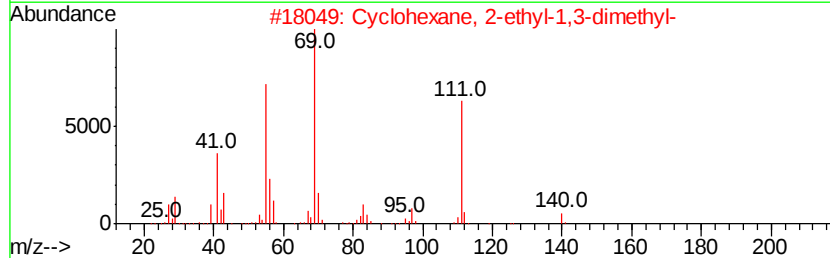
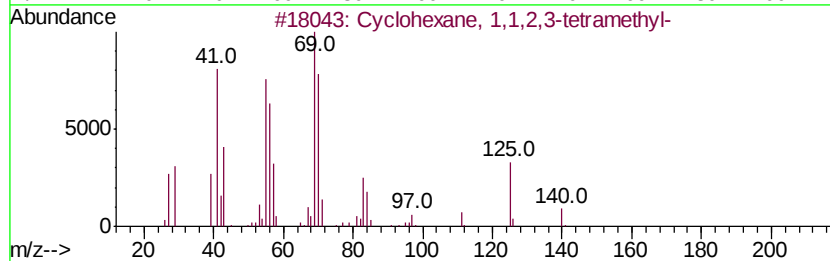
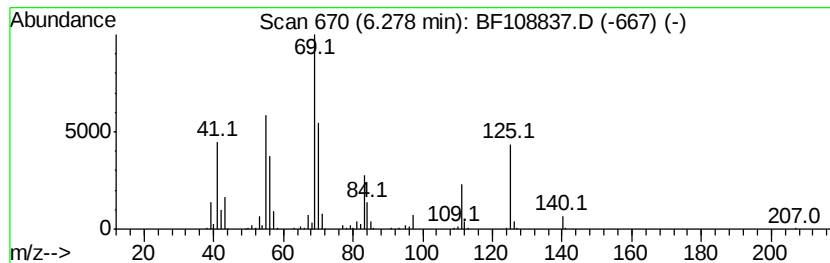
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Peak Number 3 unknown6.28 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	4.58 ng	546202	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	46
2			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	43
3			3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	38
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	38
5			3-Heptene, 2-methyl-	112	C8H16	017618-76-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
Operator : JU/SJ
Sample : J4803-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

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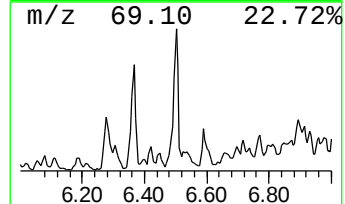
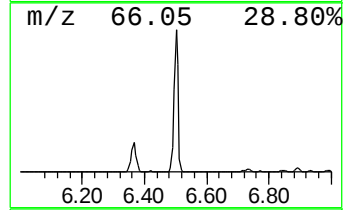
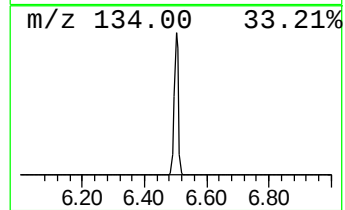
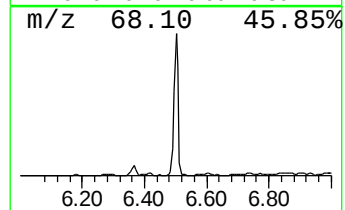
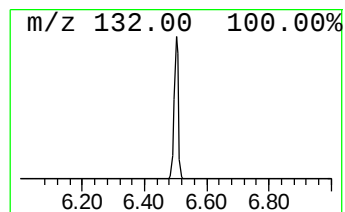
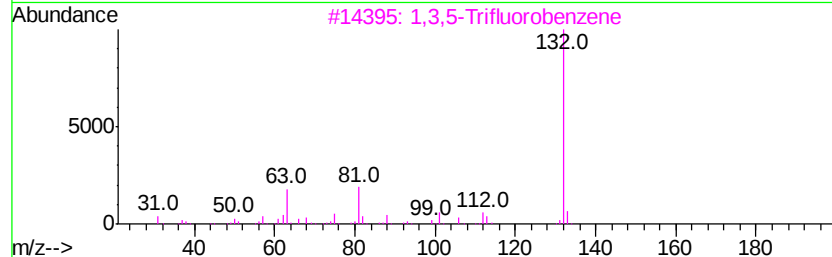
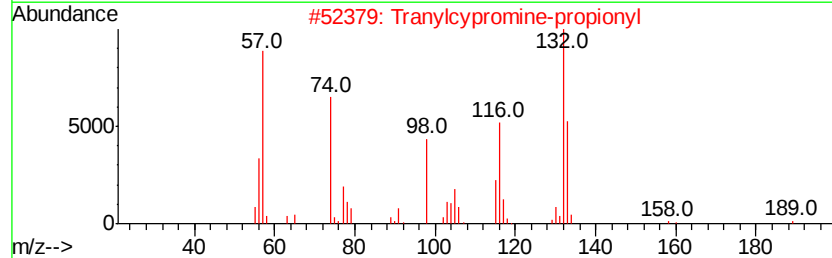
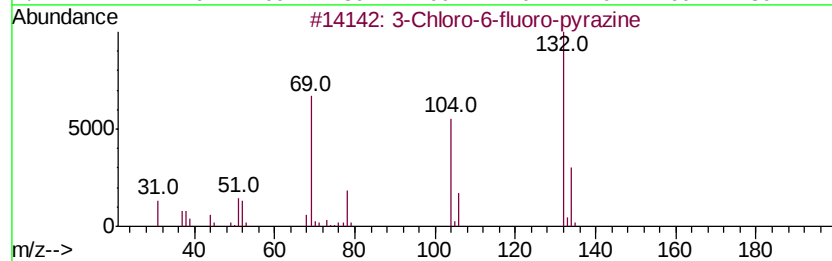
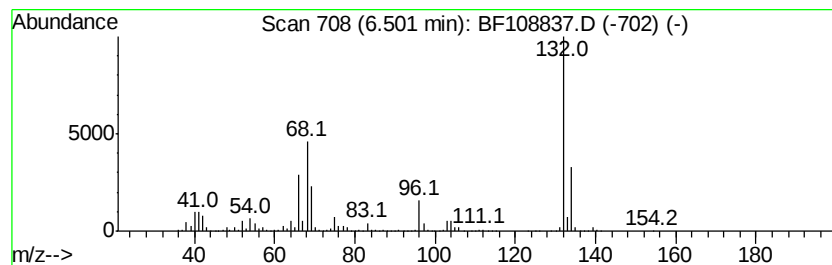
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	41.02 ng	4886560	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
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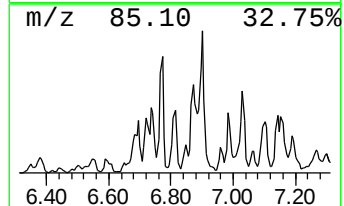
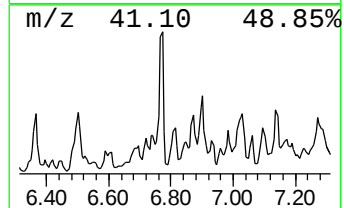
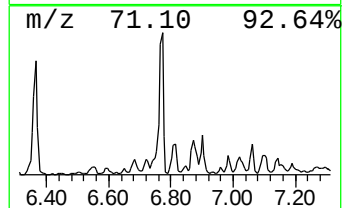
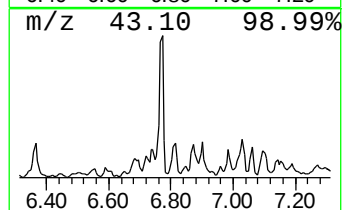
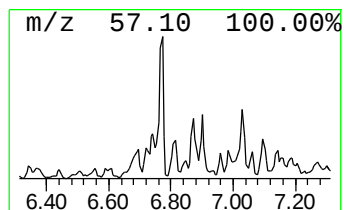
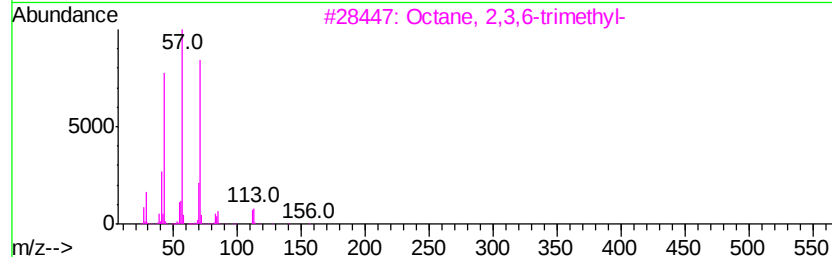
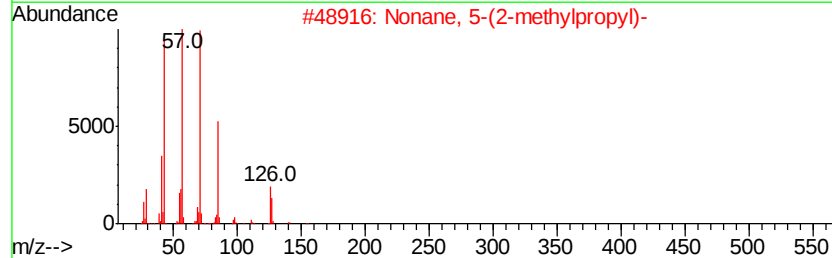
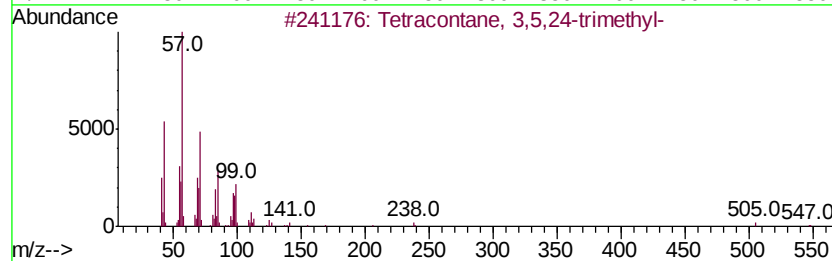
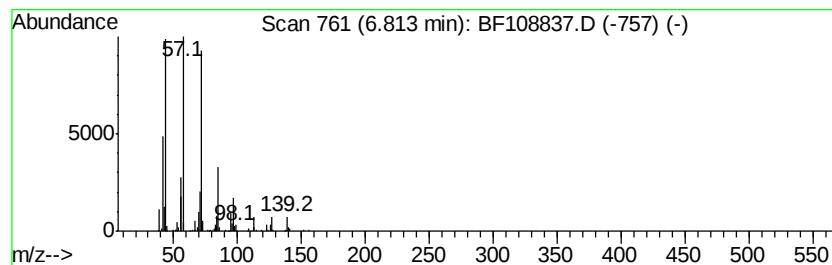
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetracontane, 3,5,24-trimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	8.07 ng	961439	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	53
2		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
3		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53
4		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	53
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
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ALS Vial : 15 Sample Multiplier: 1

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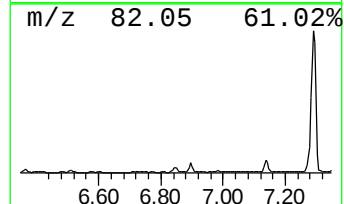
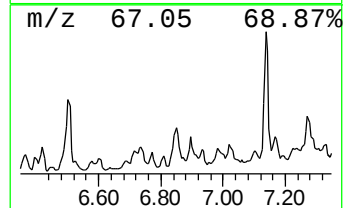
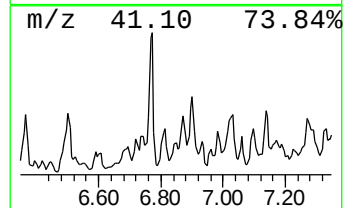
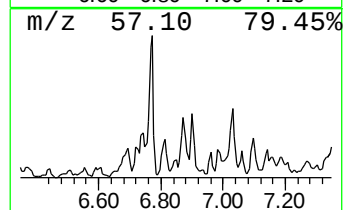
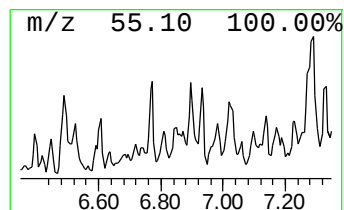
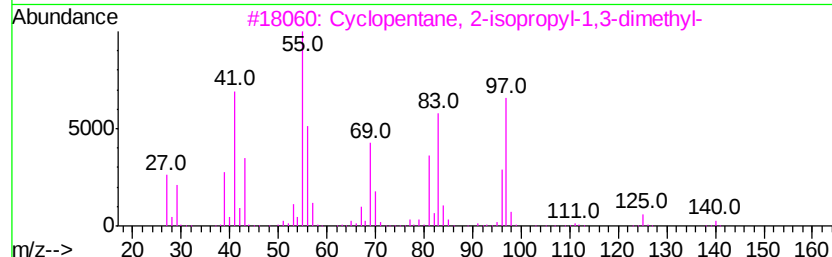
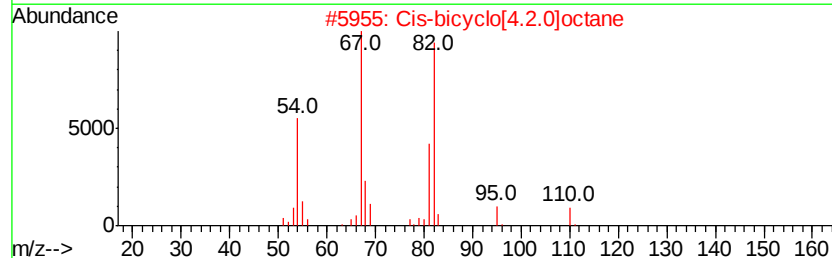
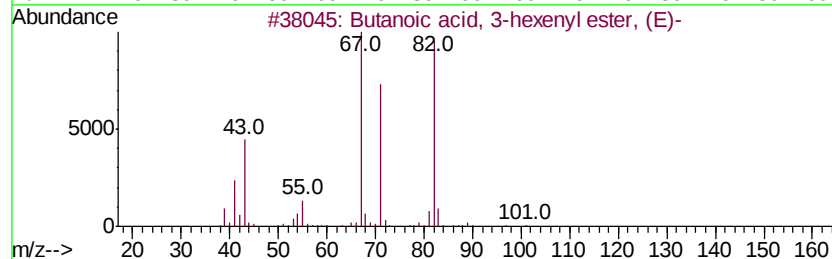
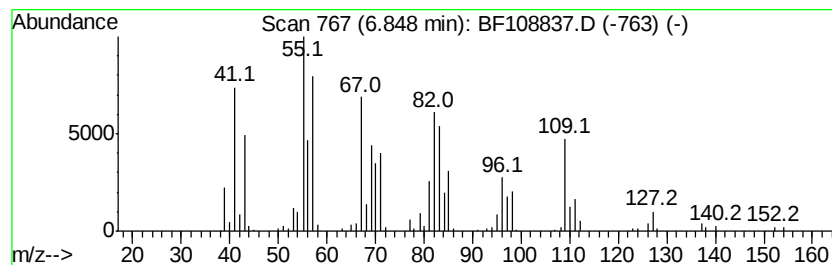
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.85 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	4.52 ng	537903	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	053398-84-8	27
2			Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	25
3			Cyclopentane, 2-isopropyl-1,3-dimethyl-	140	C10H20	032281-85-9	25
4			Cyclopentane, 1-ethyl-2-methyl-, ...	112	C8H16	000930-89-2	25
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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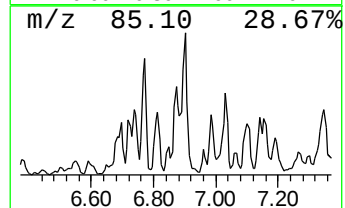
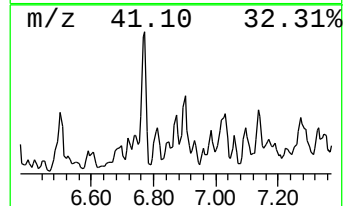
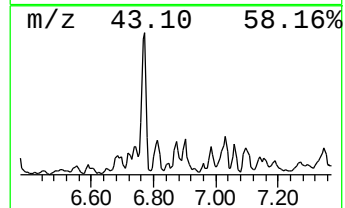
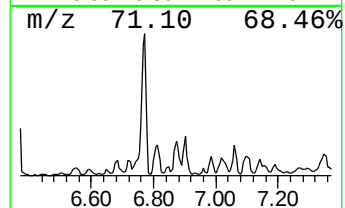
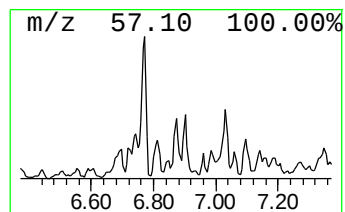
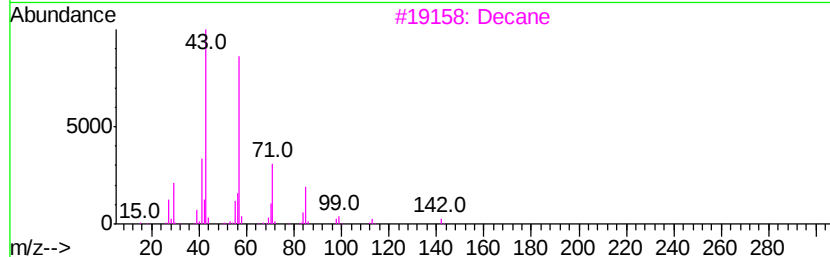
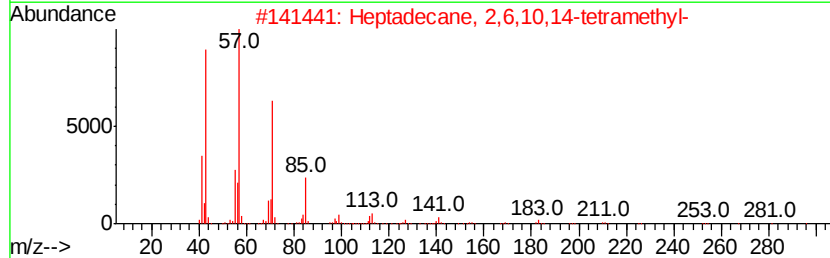
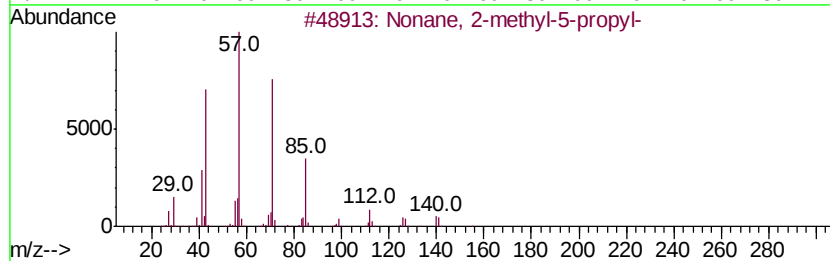
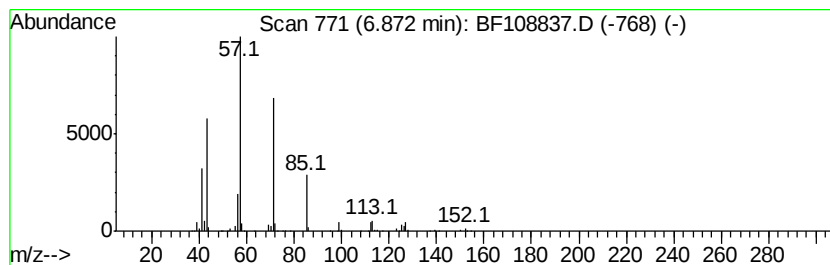
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Nonane, 2-methyl-5-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	6.22 ng	740688	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	78
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
3		Decane	142	C10H22	000124-18-5	72
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
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Sample : J4803-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

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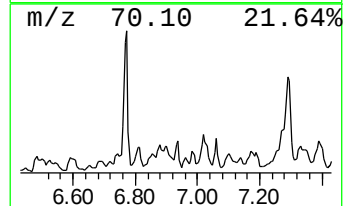
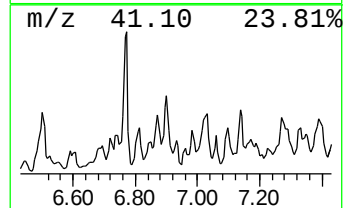
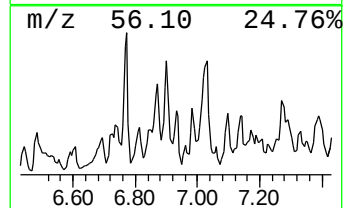
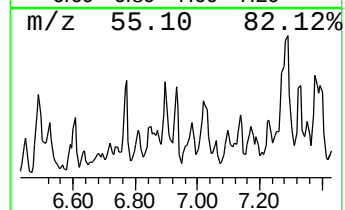
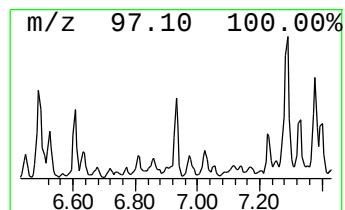
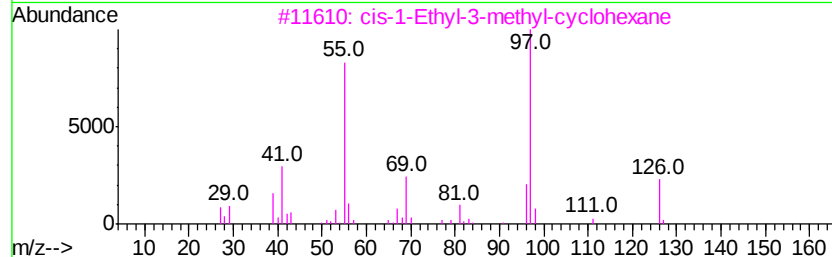
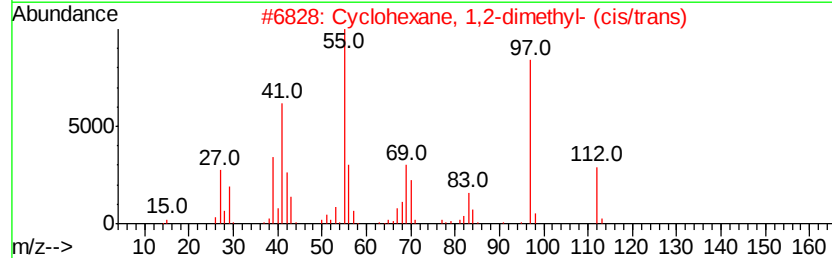
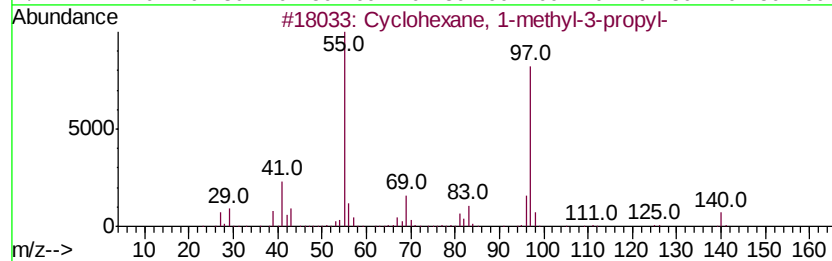
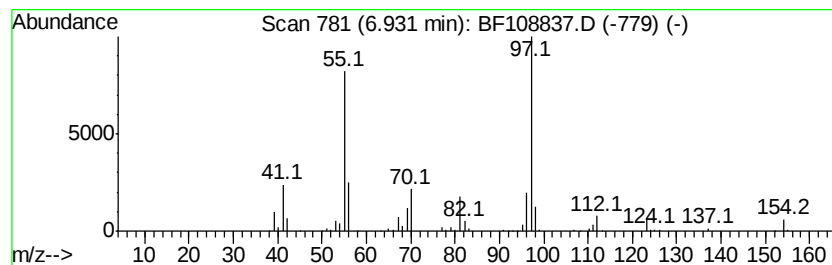
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexane, 1-methyl-3-pro... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	5.01 ng	596544	1,4-Dichlorobenzene-d4	6.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	59
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	59
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59
5			Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
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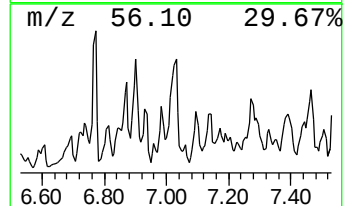
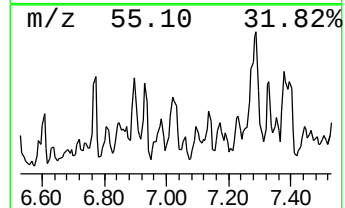
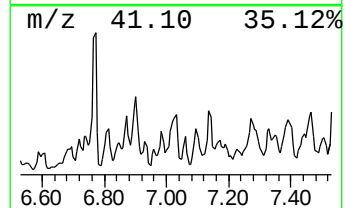
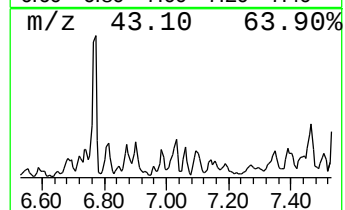
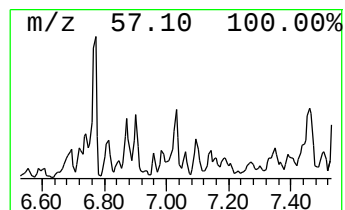
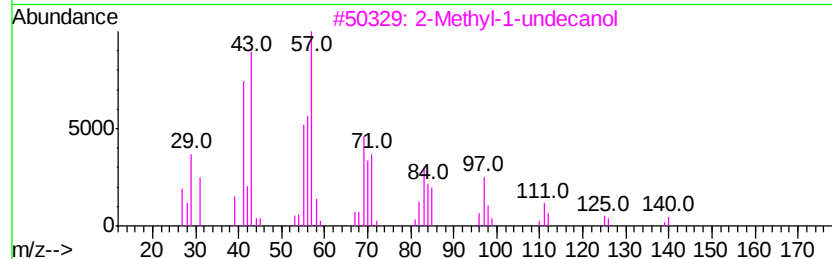
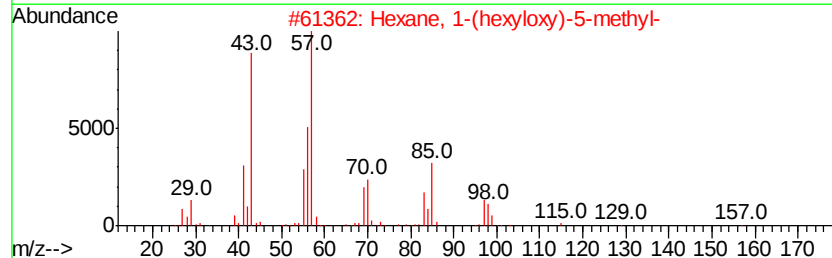
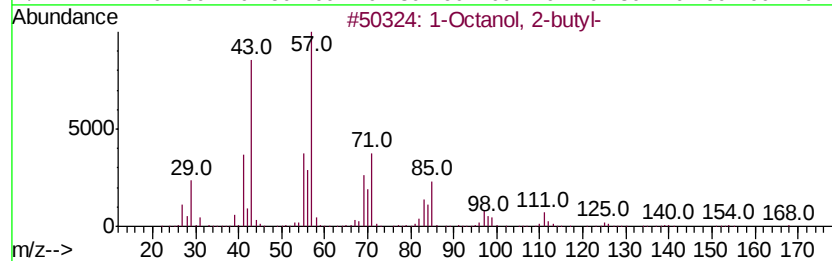
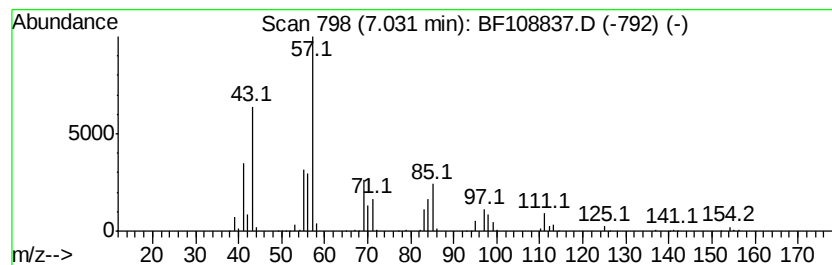
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Octanol, 2-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	13.44 ng	1600640	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
2		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	58
3		2-Methyl-1-undecanol	186	C12H26O	010522-26-6	53
4		Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	47
5		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
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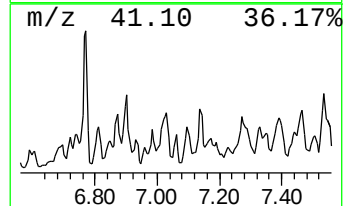
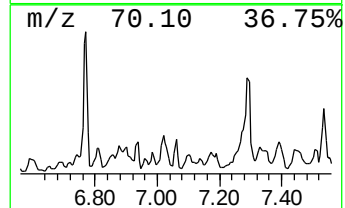
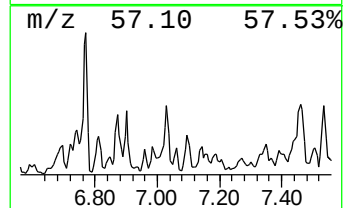
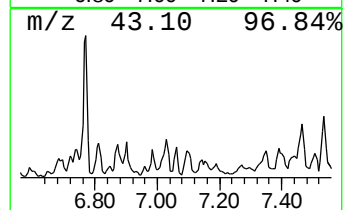
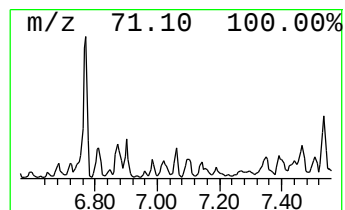
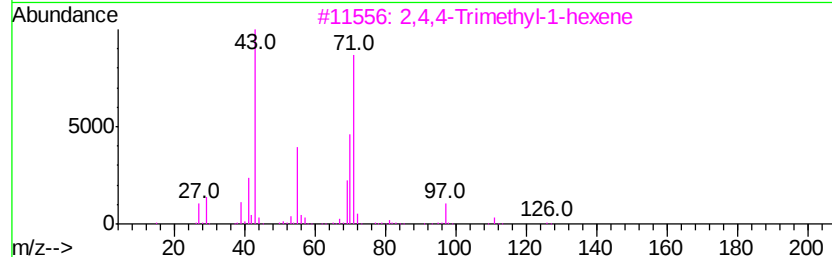
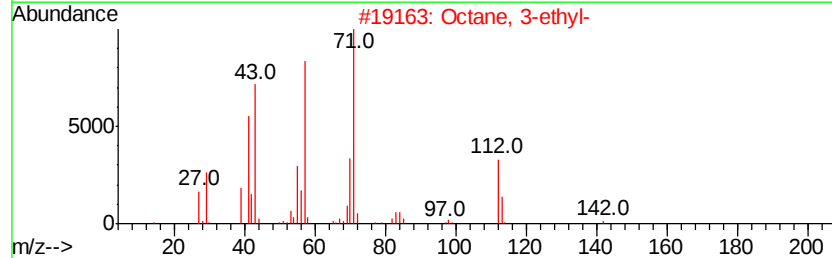
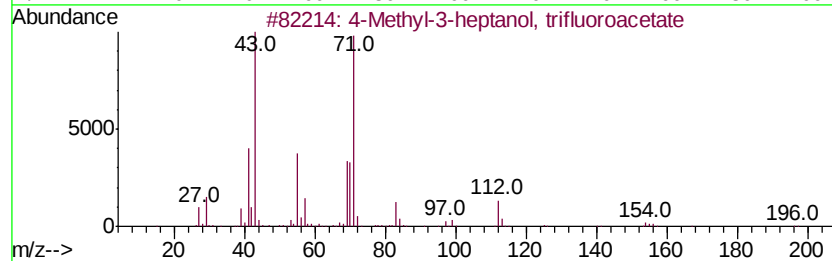
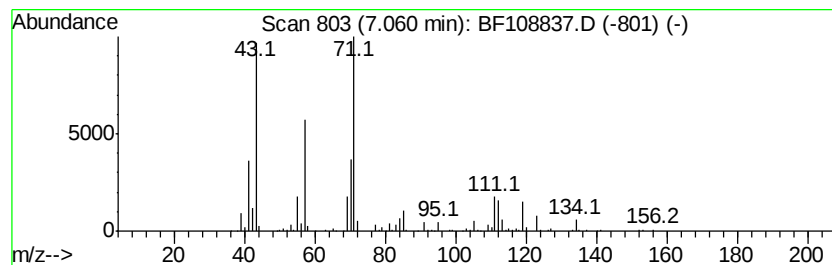
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4-Methyl-3-heptanol, triflu... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	4.44 ng	528637	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	53
2		Octane, 3-ethyl-	142	C10H22	005881-17-4	53
3		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	52
4		Decane, 4-methyl-	156	C11H24	002847-72-5	50
5		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
Operator : JU/SJ
Sample : J4803-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H5

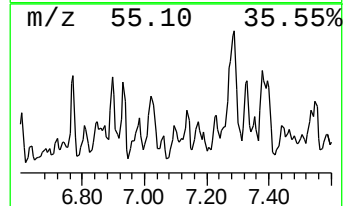
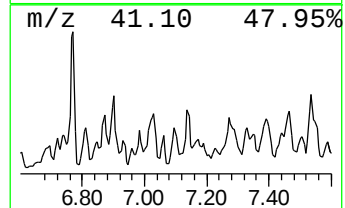
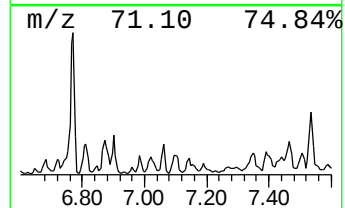
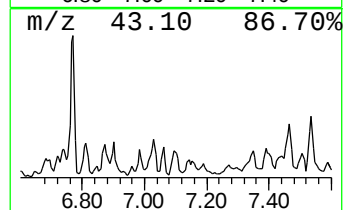
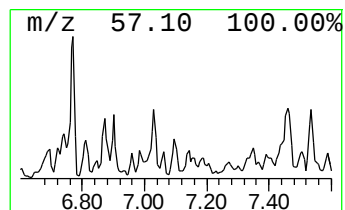
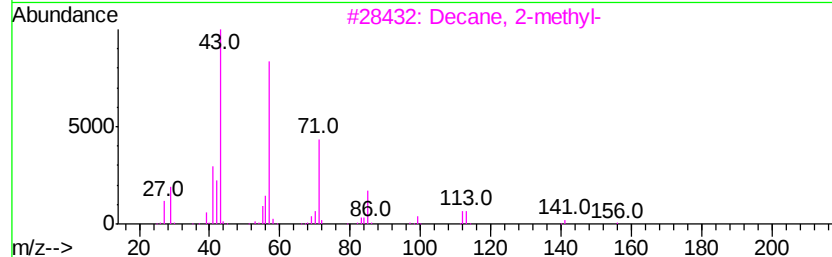
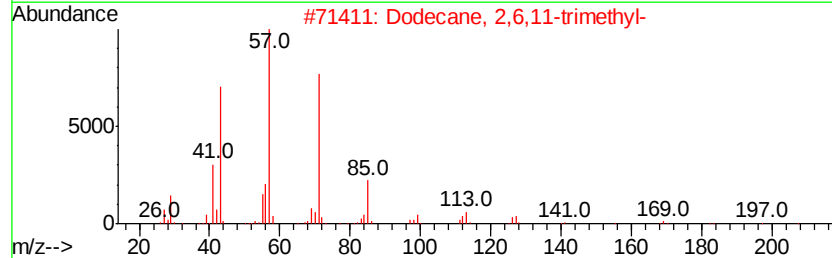
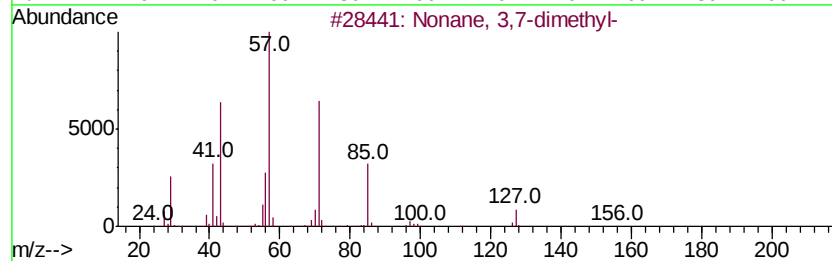
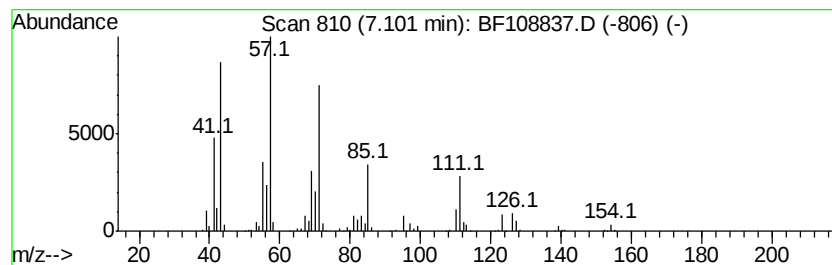
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Nonane, 3,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	8.03 ng	956823	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
3		Decane, 2-methyl-	156	C11H24	006975-98-0	53
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50
5		Decane, 3-methyl-	156	C11H24	013151-34-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
Operator : JU/SJ
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ClientSampleId :
EP1-Q2-H5

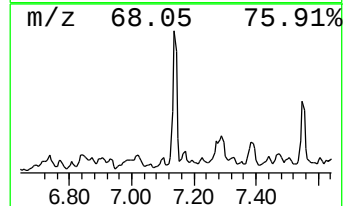
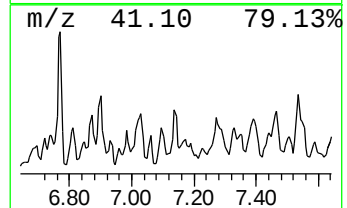
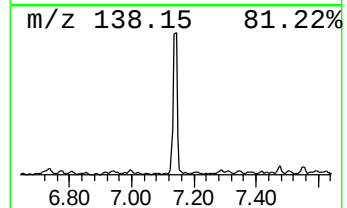
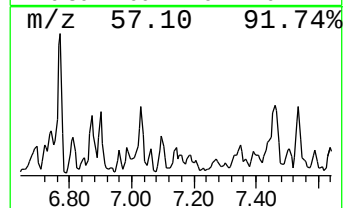
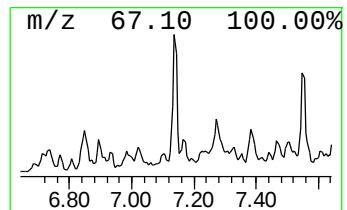
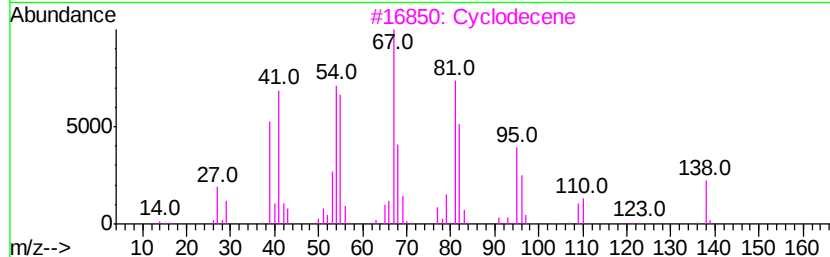
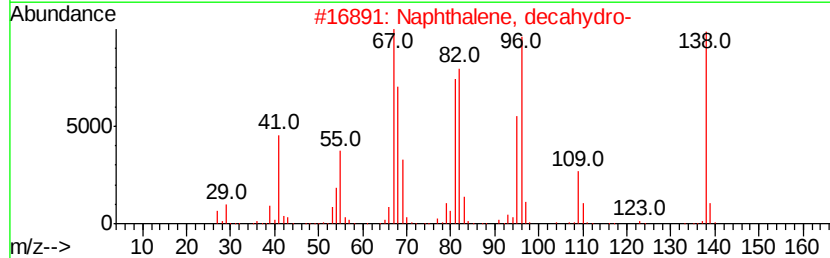
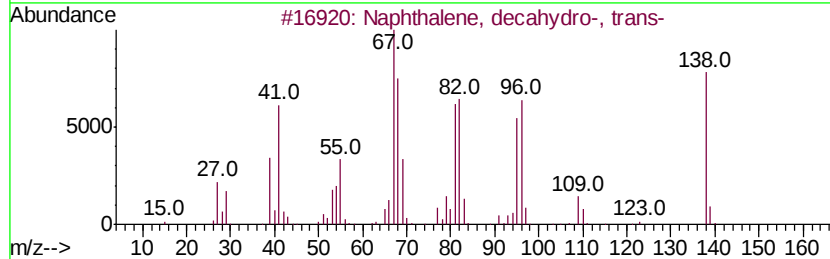
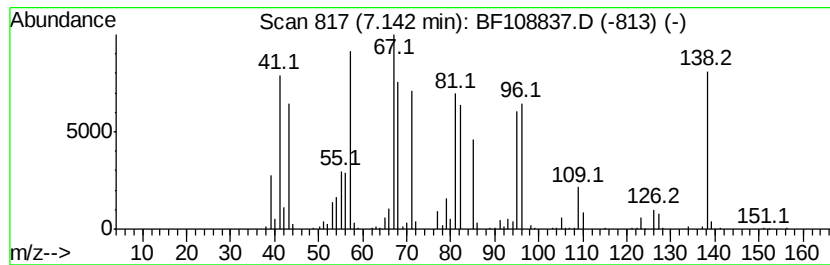
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, decahydro-, tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	8.33 ng	992322	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	76
3		Cyclodecene	138	C10H18	003618-12-0	52
4		4,5-Nonadiene	124	C9H16	000821-74-9	50
5		5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
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Sample : J4803-10
Misc :
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ClientSampleId :
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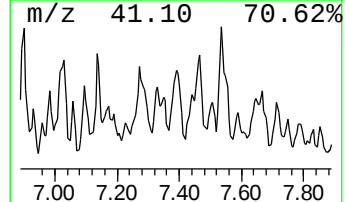
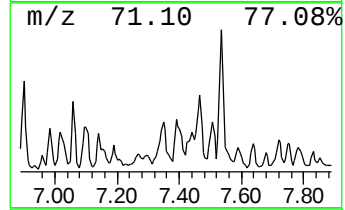
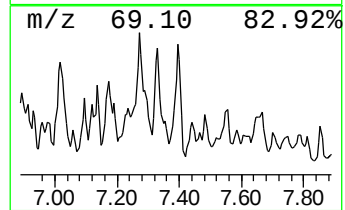
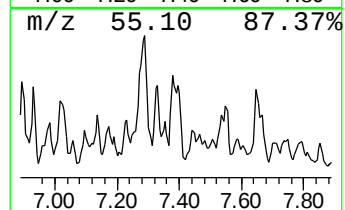
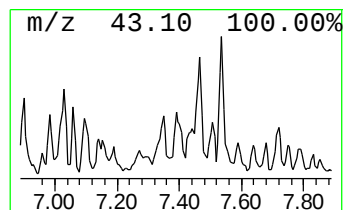
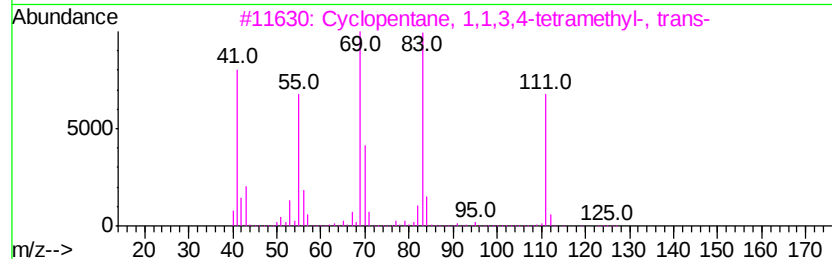
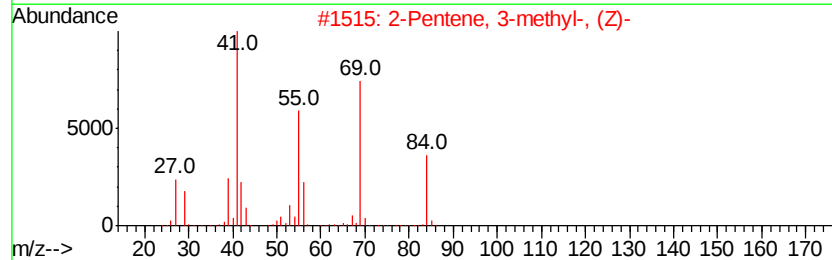
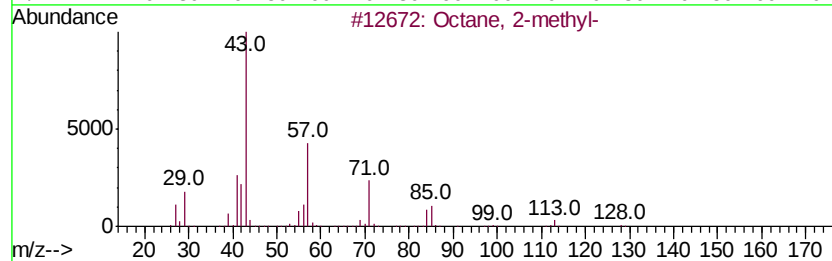
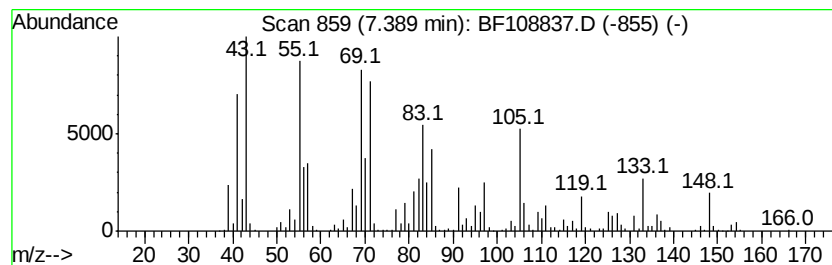
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown7.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	14.17 ng	1829410	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-methyl-	128	C9H20	003221-61-2	35
2		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	35
3		Cyclopentane, 1,1,3,4-tetramethyl...	126	C9H18	020309-77-7	22
4		4-Ethylbenzoic acid, 2-tetrahydr...	234	C14H18O3	1000293-49-8	22
5		1-Tetradecanol, 14-chloro-	248	C14H29ClO	073937-05-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
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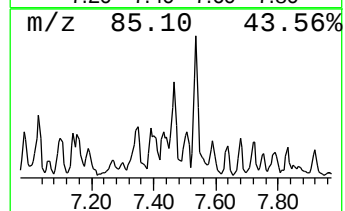
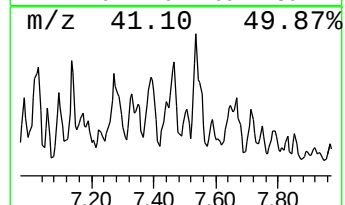
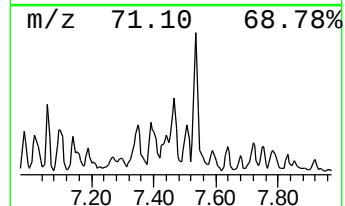
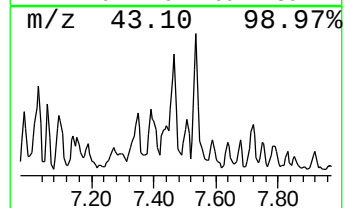
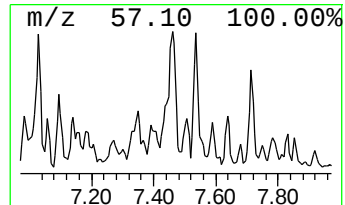
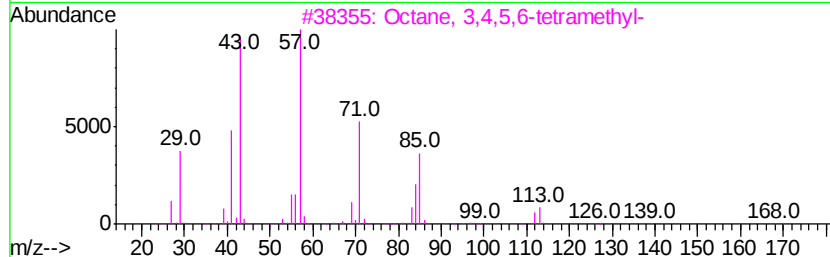
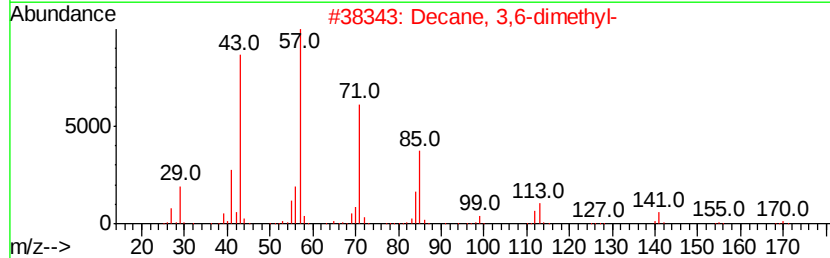
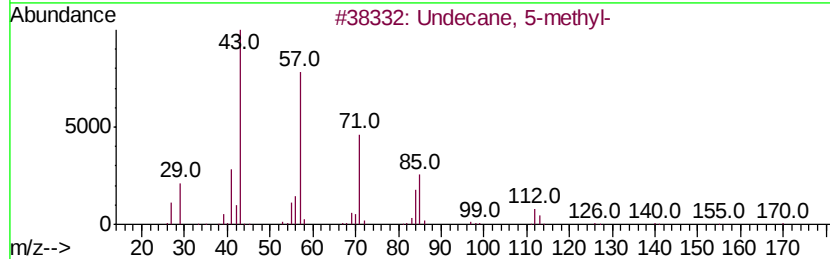
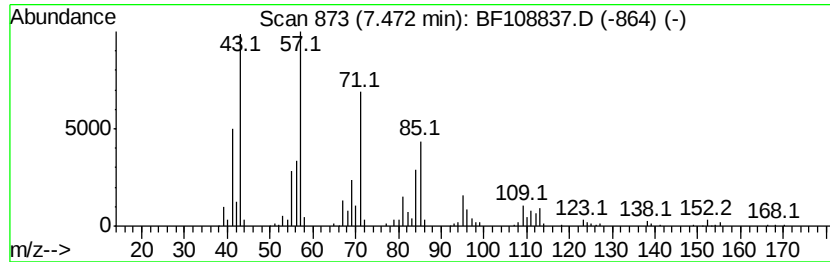
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Undecane, 5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	16.29 ng	2102800	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	87
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
3		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	72
4		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
5		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
Operator : JU/SJ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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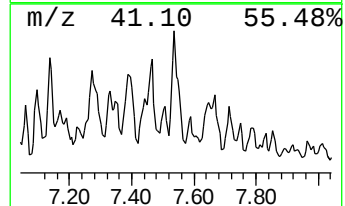
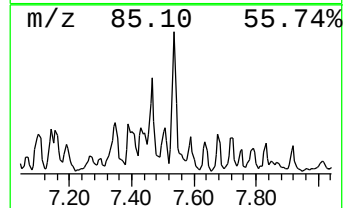
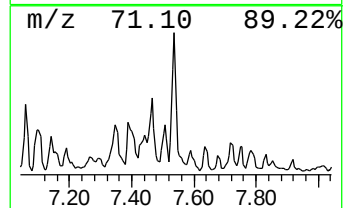
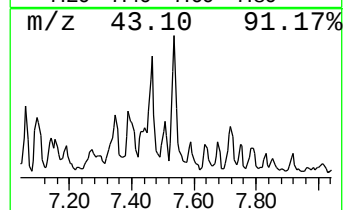
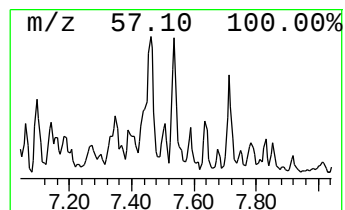
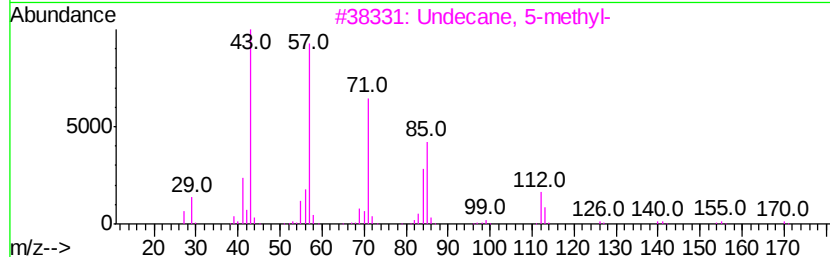
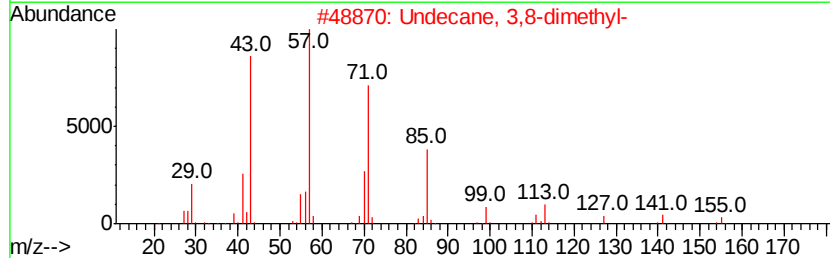
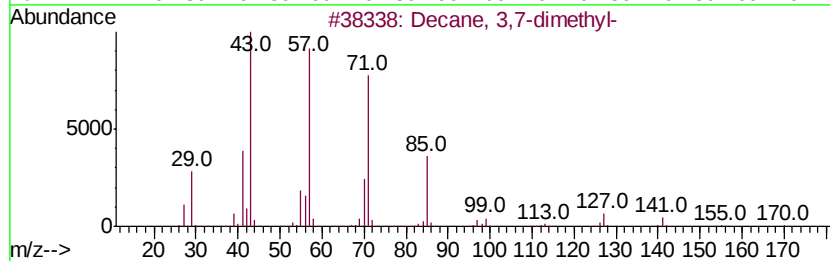
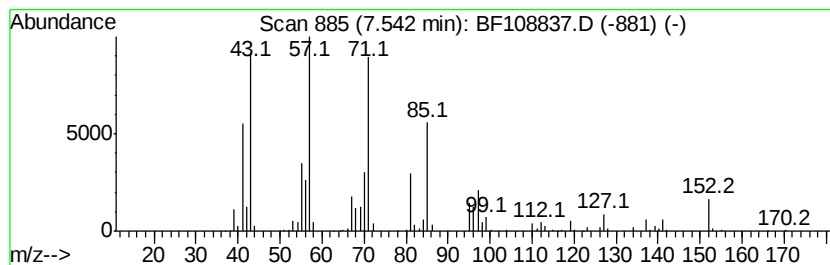
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Decane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	8.33 ng	1075420	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	93
2		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	90
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
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ClientSampleId :
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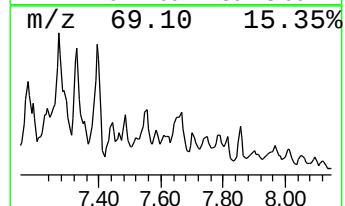
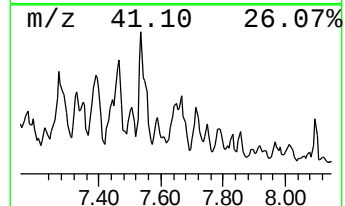
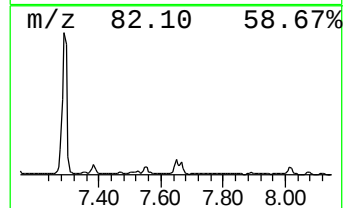
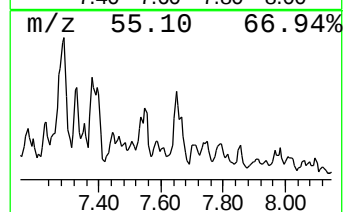
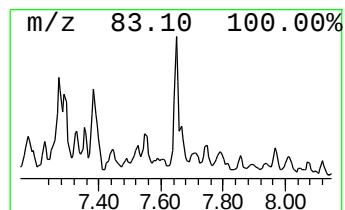
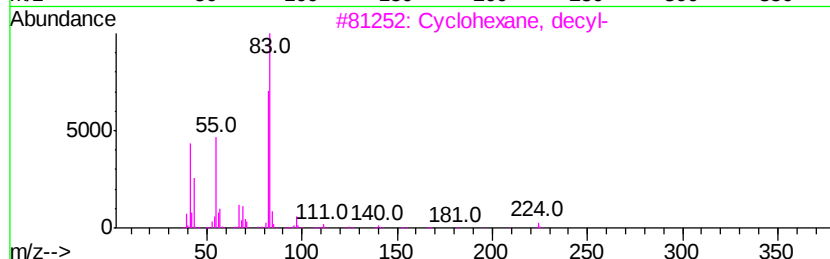
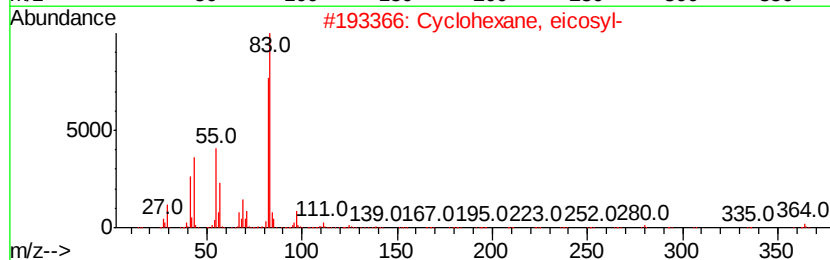
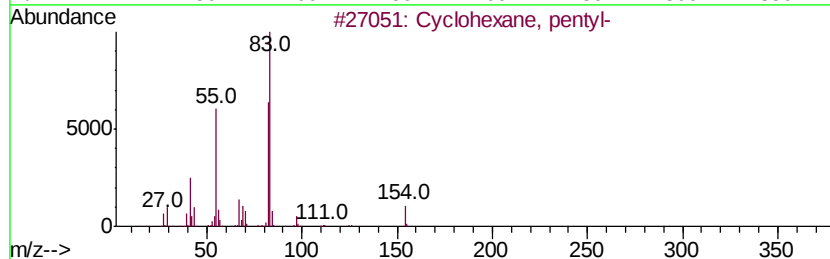
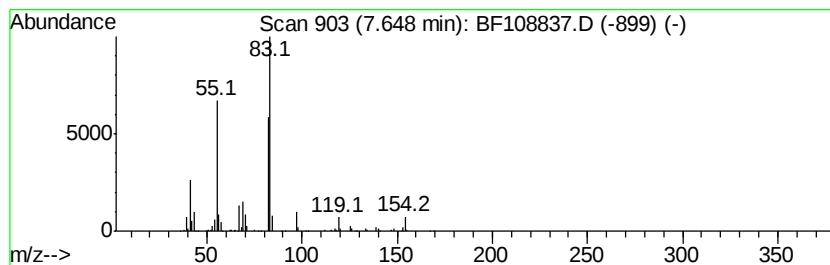
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Cyclohexane, pentyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	8.09 ng	1044970	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	78
3		Cyclohexane, decyl-	224	C16H32	001795-16-0	78
4		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	78
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
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Operator : JU/SJ
Sample : J4803-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H5

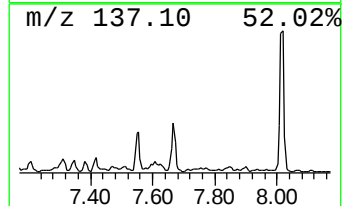
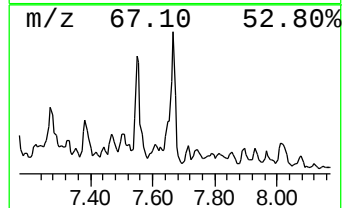
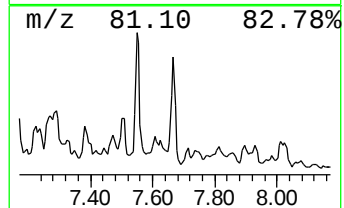
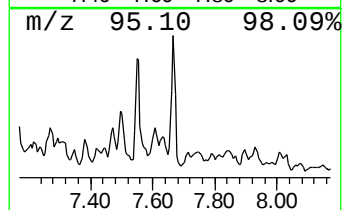
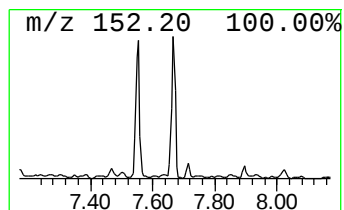
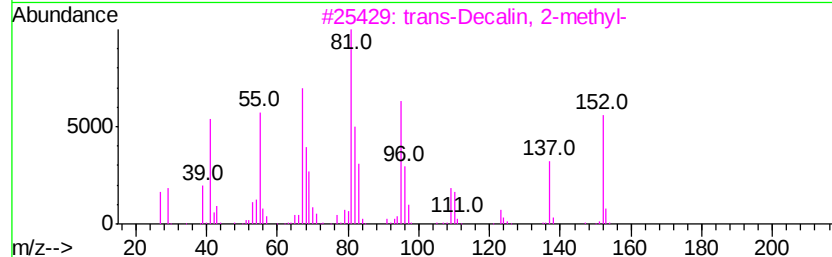
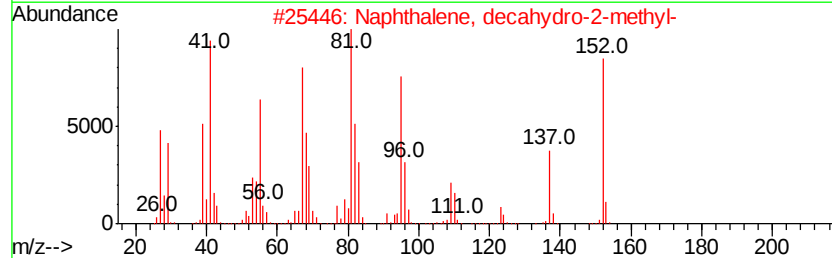
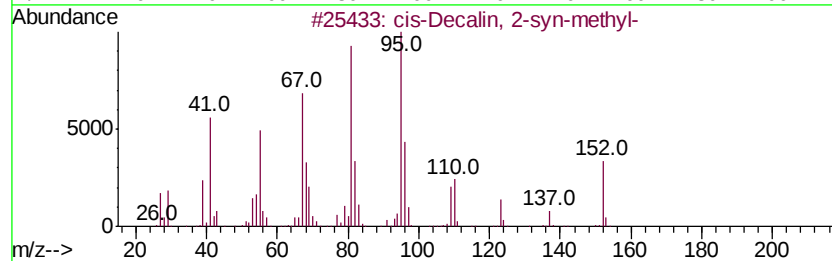
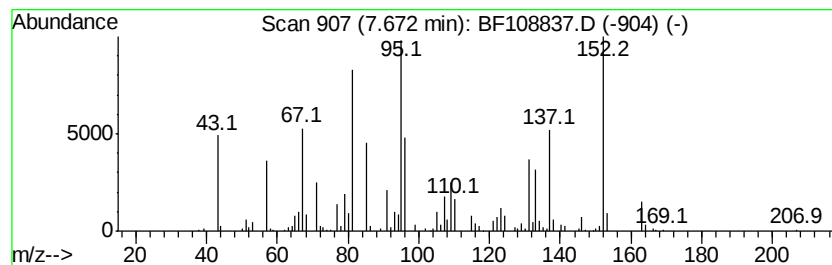
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 cis-Decalin, 2-syn-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	11.71 ng	1511450	Naphthalene-d8	8.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	87
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	52
5			1,4-Pentadiene, 3-propyl-	110	C8H14	000996-83-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
Operator : JU/SJ
Sample : J4803-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H5

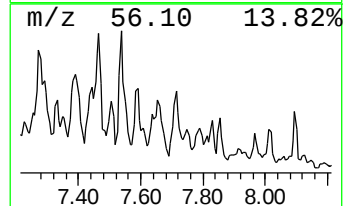
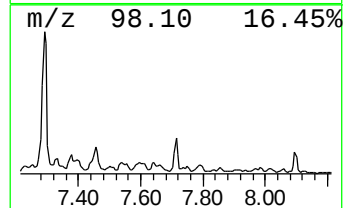
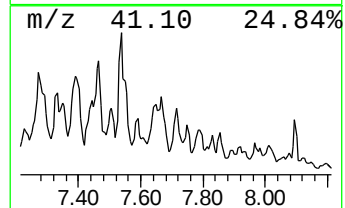
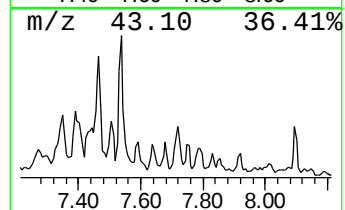
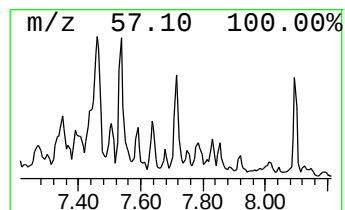
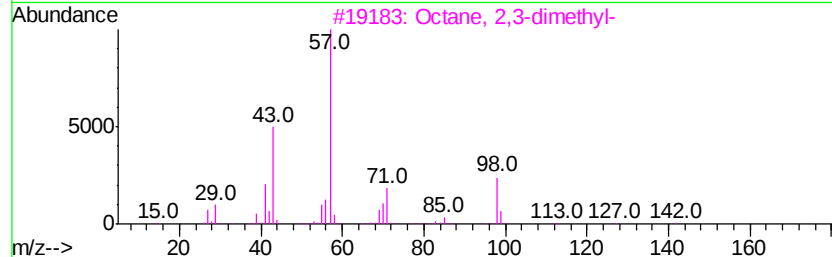
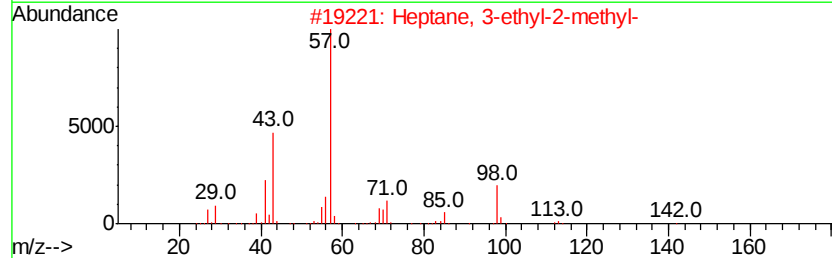
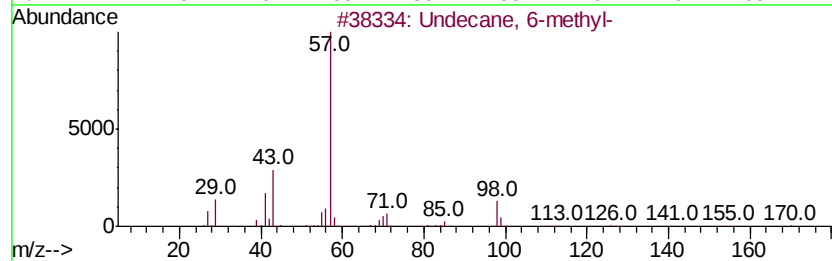
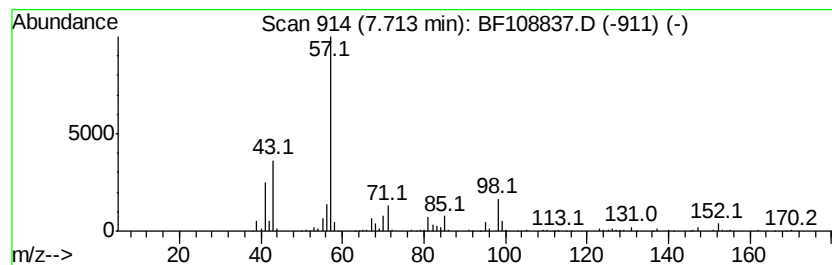
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Undecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	5.41 ng	698732	Naphthalene-d8	8.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-methyl-			170	C12H26	017302-33-9	74
2	Heptane, 3-ethyl-2-methyl-			142	C10H22	014676-29-0	64
3	Octane, 2,3-dimethyl-			142	C10H22	007146-60-3	59
4	Octane, 2,4,6-trimethyl-			156	C11H24	062016-37-9	53
5	Heptane, 3-ethyl-			128	C9H20	015869-80-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108837.D
Acq On : 6 Sep 2018 21:37
Operator : JU/SJ
Sample : J4803-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H5

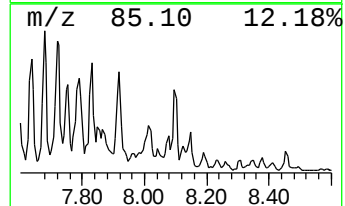
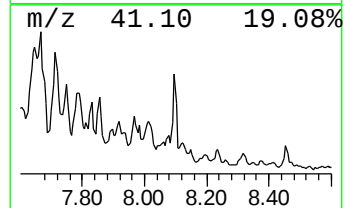
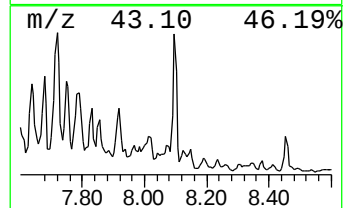
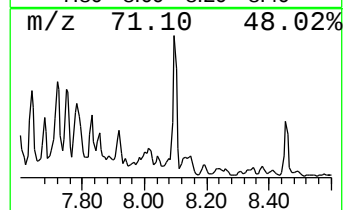
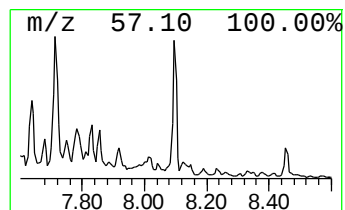
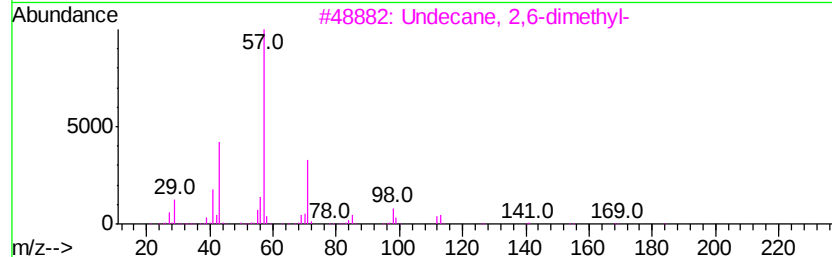
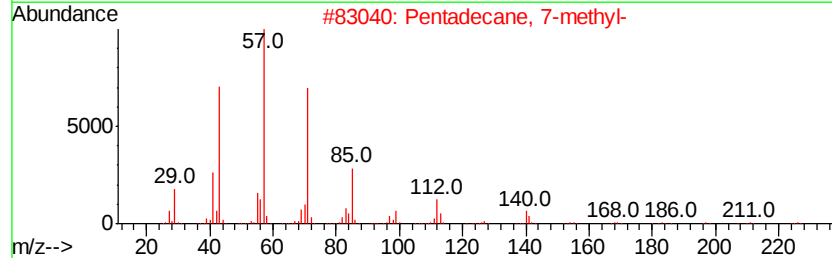
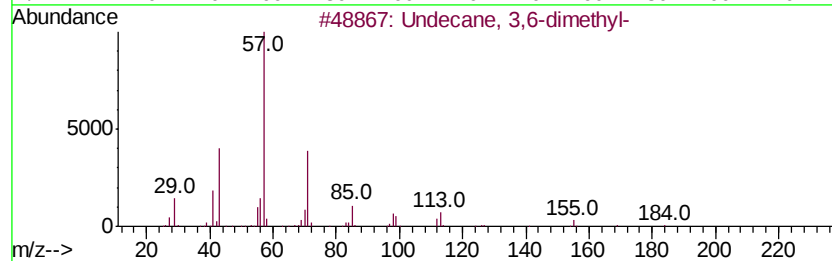
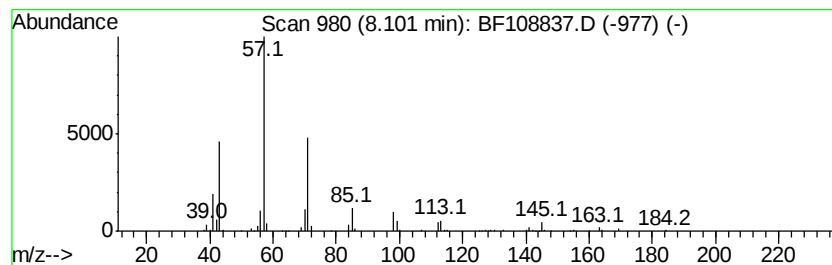
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Undecane, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	4.43 ng	572001	Napthalene-d8	8.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-			184	C13H28	017301-28-9	83
2	Pentadecane, 7-methyl-			226	C16H34	006165-40-8	72
3	Undecane, 2,6-dimethyl-			184	C13H28	017301-23-4	72
4	Decane, 2,5,9-trimethyl-			184	C13H28	062108-22-9	64
5	Decane, 6-ethyl-2-methyl-			184	C13H28	062108-21-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
 Data File : BF108837.D
 Acq On : 6 Sep 2018 21:37
 Operator : JU/SJ
 Sample : J4803-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane, 3,6-dimet...	6.00	6.5 ng		777993	1	6.74	2382640	20.0
Undecane, 5,6-dim...	6.19	4.8 ng		569296	1	6.74	2382640	20.0
unknown6.28	6.28	4.6 ng		546202	1	6.74	2382640	20.0
unknown6.50	6.50	41.0 ng		4886560	1	6.74	2382640	20.0
Tetracontane, 3,5...	6.81	8.1 ng		961439	1	6.74	2382640	20.0
unknown6.85	6.85	4.5 ng		537903	1	6.74	2382640	20.0
Nonane, 2-methyl-...	6.87	6.2 ng		740688	1	6.74	2382640	20.0
Cyclohexane, 1-me...	6.93	5.0 ng		596544	1	6.74	2382640	20.0
1-Octanol, 2-butyl-	7.03	13.4 ng		1600640	1	6.74	2382640	20.0
4-Methyl-3-heptan...	7.06	4.4 ng		528637	1	6.74	2382640	20.0
Nonane, 3,7-dimet...	7.10	8.0 ng		956823	1	6.74	2382640	20.0
Naphthalene, deca...	7.14	8.3 ng		992322	1	6.74	2382640	20.0
unknown7.39	7.39	14.2 ng		1829410	2	8.02	2582160	20.0
Undecane, 5-methyl-	7.47	16.3 ng		2102800	2	8.02	2582160	20.0
Decane, 3,7-dimet...	7.54	8.3 ng		1075420	2	8.02	2582160	20.0
Cyclohexane, pentyl-	7.65	8.1 ng		1044970	2	8.02	2582160	20.0
cis-Decalin, 2-sy...	7.67	11.7 ng		1511450	2	8.02	2582160	20.0
Undecane, 6-methyl-	7.71	5.4 ng		698732	2	8.02	2582160	20.0
Undecane, 3,6-dim...	8.10	4.4 ng		572001	2	8.02	2582160	20.0