

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
 Data File : BF108838.D
 Acq On : 6 Sep 2018 22:04
 Operator : JU/SJ
 Sample : J4803-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-H6

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	4.925	435	440	448	rVB2	112941	154831	1.42%	0.078%
2	5.342	503	511	514	rBV	3389689	3102967	28.42%	1.564%
3	5.513	536	540	544	rBV2	158557	191402	1.75%	0.096%
4	5.554	544	547	550	rVB	253388	216048	1.98%	0.109%
5	5.595	550	554	557	rBV	145949	166673	1.53%	0.084%
6	5.672	561	567	571	rBV2	157877	159260	1.46%	0.080%
7	5.760	575	582	587	rBV3	494108	708522	6.49%	0.357%
8	5.825	587	593	595	rBV2	575450	807417	7.40%	0.407%
9	5.854	595	598	601	rVB3	154940	179282	1.64%	0.090%
10	5.901	601	606	610	rVB	1459739	1479793	13.55%	0.746%
11	5.954	610	615	620	rBV2	835514	1251074	11.46%	0.631%
12	6.001	620	623	626	rBV	3954071	4081940	37.39%	2.057%
13	6.060	629	633	635	rBV	2389394	2282733	20.91%	1.151%
14	6.083	635	637	641	rBV3	284527	313349	2.87%	0.158%
15	6.113	641	642	645	rVB2	387040	256069	2.35%	0.129%
16	6.136	645	646	650	rVB2	456164	320036	2.93%	0.161%
17	6.195	650	656	659	rBV2	2397640	3246686	29.74%	1.636%
18	6.254	659	666	668	rBV2	2771513	3099320	28.39%	1.562%
19	6.283	668	671	674	rBV2	1694867	1705837	15.62%	0.860%
20	6.307	674	675	679	rVB	1430988	1118407	10.24%	0.564%
21	6.366	679	685	687	rBV	3896264	4642116	42.52%	2.340%
22	6.401	689	691	693	rVB	875080	557925	5.11%	0.281%
23	6.425	693	695	697	rVB	1338688	1040280	9.53%	0.524%
24	6.448	697	699	702	rVB	1394528	1244805	11.40%	0.627%
25	6.501	702	708	711	rBV5	4934257	8567759	78.47%	4.318%
26	6.531	711	713	721	rVB3	2049680	2721799	24.93%	1.372%
27	6.607	721	726	729	rBV3	1894318	2812041	25.76%	1.417%
28	6.642	729	732	733	rBV	418143	460164	4.21%	0.232%
29	6.660	733	735	736	rBV2	405946	328225	3.01%	0.165%
30	6.695	736	741	744	rBV3	1614295	2820084	25.83%	1.421%
31	6.742	744	749	752	rVV3	2738664	5005214	45.84%	2.523%
32	6.783	752	756	758	rVB	9164022	10918035	100.00%	5.503%
33	6.819	758	762	765	rBV3	3279050	4590302	42.04%	2.314%
34	6.854	765	768	770	rBV4	1681609	1921669	17.60%	0.969%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
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Filtering: 5
 Min Area: 3 % of largest Peak
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 Peak separation: 5

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

35	6.883	770	773	774	rVV	2994091	3591325	32.89%	1.810%
36	6.907	774	777	781	rVV2	6158853	8028541	73.53%	4.046%
37	6.942	781	783	785	rVB	2854459	2251510	20.62%	1.135%
38	6.966	785	787	789	rBV	1400804	1476750	13.53%	0.744%
39	6.995	789	792	794	rBV4	2283664	2463747	22.57%	1.242%
40	7.036	794	799	802	rVB3	4401313	6730170	61.64%	3.392%
41	7.072	802	805	807	rVB2	3949535	3728752	34.15%	1.879%
42	7.101	807	810	814	rBV	3191617	4331757	39.68%	2.183%
43	7.148	814	818	820	rBV	4958450	4770522	43.69%	2.404%
44	7.178	820	823	825	rBV4	788137	861243	7.89%	0.434%
45	7.236	831	833	836	rBV4	879018	957111	8.77%	0.482%
46	7.283	836	841	847	rVV4	5424810	10167609	93.13%	5.125%
47	7.336	847	850	852	rVV2	2660007	2521686	23.10%	1.271%
48	7.360	852	854	856	rVB2	1988344	1686148	15.44%	0.850%
49	7.401	856	861	865	rBV4	4259738	6874164	62.96%	3.465%
50	7.436	865	867	868	rBV2	1906028	1616777	14.81%	0.815%
51	7.472	870	873	876	rVB3	3942890	4133202	37.86%	2.083%
52	7.519	876	881	883	rBV3	1891359	2712718	24.85%	1.367%
53	7.548	883	886	892	rVB3	4850480	7215334	66.09%	3.637%
54	7.595	892	894	896	rVB	1125498	772059	7.07%	0.389%
55	7.660	896	905	906	rBV5	3436440	5513273	50.50%	2.779%
56	7.719	912	915	918	rBV2	2819872	2952467	27.04%	1.488%
57	7.754	918	921	923	rVV2	1910791	2132096	19.53%	1.075%
58	7.801	926	929	931	rVB3	1924116	1903701	17.44%	0.959%
59	7.836	932	935	937	rBV3	1602956	1514306	13.87%	0.763%
60	7.901	943	946	948	rBV	1257951	1172907	10.74%	0.591%
61	7.919	948	949	951	rVV2	553023	461446	4.23%	0.233%
62	7.972	955	958	959	rVV2	1397015	1221454	11.19%	0.616%
63	8.019	963	966	969	rVV	3962824	4104818	37.60%	2.069%
64	8.048	969	971	974	rVV4	958145	1471800	13.48%	0.742%
65	8.077	974	976	978	rVV3	1110848	1216270	11.14%	0.613%
66	8.101	978	980	982	rVV	2476577	1975160	18.09%	0.996%
67	8.154	986	989	991	rVB3	544769	526222	4.82%	0.265%
68	8.183	991	994	995	rBV2	344775	322791	2.96%	0.163%
69	8.201	995	997	1001	rVV4	407031	433904	3.97%	0.219%
70	8.236	1001	1003	1006	rVB3	319122	253075	2.32%	0.128%
71	8.325	1013	1018	1020	rVV5	576520	716396	6.56%	0.361%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	8.348	1020	1022	1025	rVV3	188462	136845	1.25%	0.069%
73	8.377	1025	1027	1029	rVB2	290782	206082	1.89%	0.104%
74	8.407	1029	1032	1036	rVB3	189819	256759	2.35%	0.129%
75	8.454	1037	1040	1044	rBV2	660704	723994	6.63%	0.365%
76	8.489	1044	1046	1049	rVV3	179641	148644	1.36%	0.075%
77	8.525	1050	1052	1056	rVB4	141609	155144	1.42%	0.078%
78	8.624	1066	1069	1074	rVB4	205418	204700	1.87%	0.103%
79	8.719	1081	1085	1089	rVB3	174599	279587	2.56%	0.141%
80	9.054	1139	1142	1145	rBV2	339963	271557	2.49%	0.137%
81	9.089	1145	1148	1151	rVB	4110712	3507705	32.13%	1.768%
82	9.183	1161	1164	1168	rBV2	104934	123885	1.13%	0.062%
83	9.483	1212	1215	1217	rBV	1308620	958408	8.78%	0.483%
84	9.507	1217	1219	1226	rVB	177928	162889	1.49%	0.082%
85	9.766	1259	1263	1267	rVB	2179621	1826037	16.72%	0.920%
86	10.542	1392	1395	1399	rBV	1859828	1748080	16.01%	0.881%
87	11.242	1510	1514	1517	rVB	1885493	1525858	13.98%	0.769%
88	11.783	1602	1606	1609	rBV	211547	232248	2.13%	0.117%
89	12.495	1724	1727	1733	rBV4	144308	158525	1.45%	0.080%
90	12.824	1779	1783	1786	rBV	2887656	2580573	23.64%	1.301%
91	13.383	1876	1878	1881	rBV	114697	123549	1.13%	0.062%
92	13.736	1934	1938	1947	rVB2	390353	531047	4.86%	0.268%
93	13.865	1956	1960	1963	rVB	2204285	1940770	17.78%	0.978%
94	14.624	2086	2089	2092	rBV	363907	383584	3.51%	0.193%
95	14.724	2103	2106	2110	rVB	468791	427160	3.91%	0.215%
96	14.971	2145	2148	2152	rVB	120924	126929	1.16%	0.064%
97	15.271	2194	2199	2203	rVV	1484388	1674380	15.34%	0.844%
98	15.330	2206	2209	2215	rVB	117049	150144	1.38%	0.076%
99	15.736	2275	2278	2283	rVB2	98750	129091	1.18%	0.065%
100	16.112	2337	2342	2352	rVB4	221861	458776	4.20%	0.231%

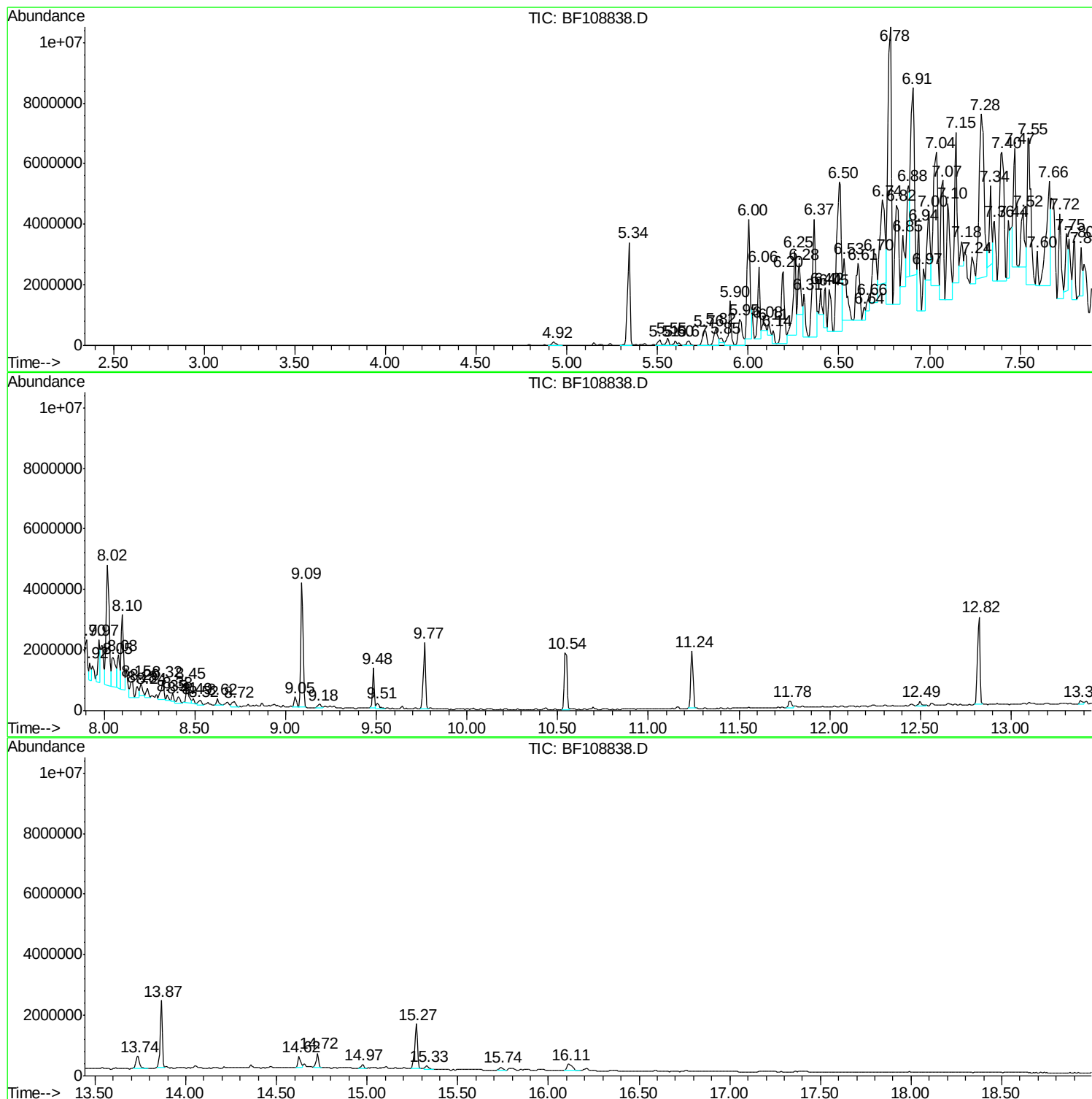
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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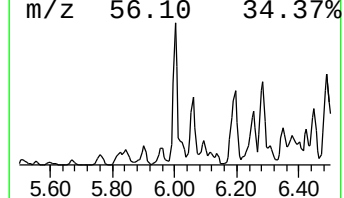
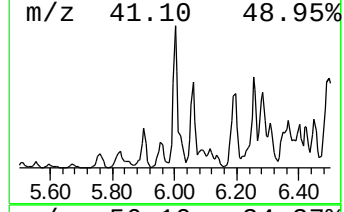
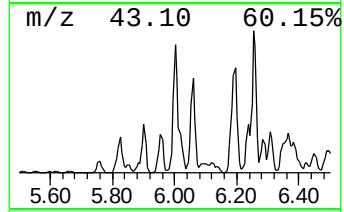
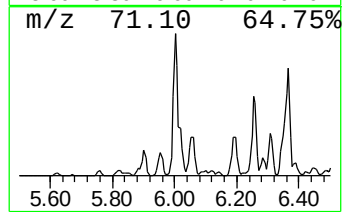
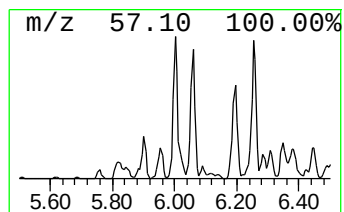
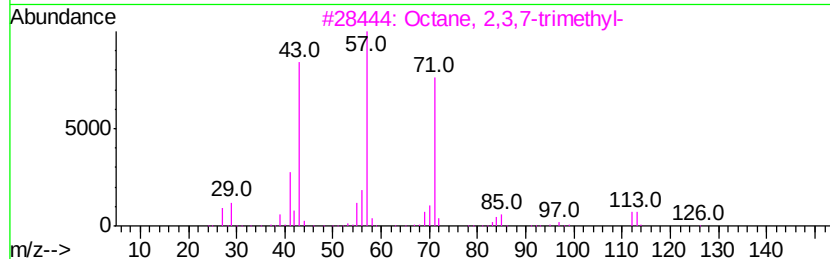
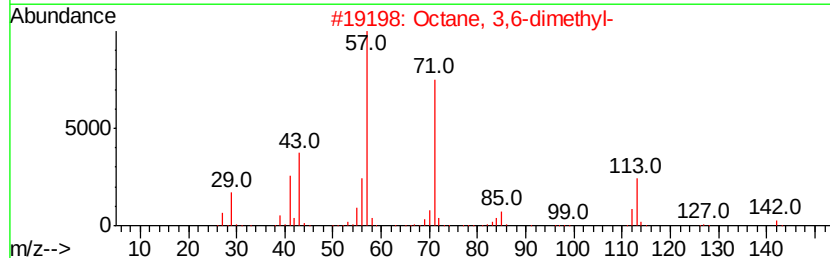
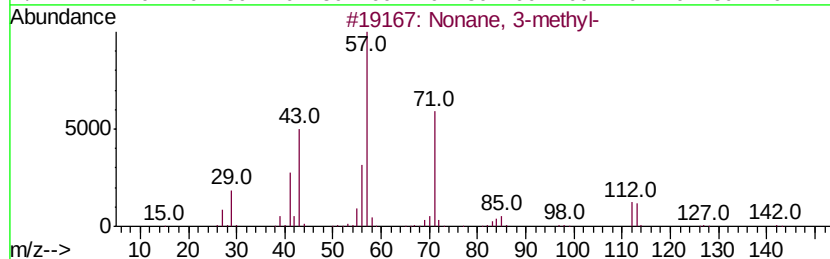
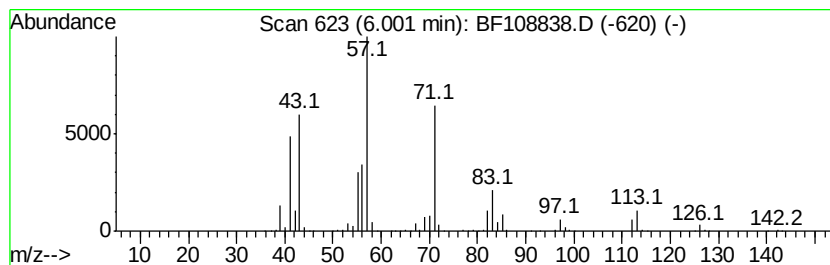
Instrument :
BNA_F
ClientSampled :
EP1-Q2-H6

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 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.00	16.31 ng	4081940	1,4-Dichlorobenzene-d4	6.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	70
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50



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ClientSampleId :
EP1-Q2-H6

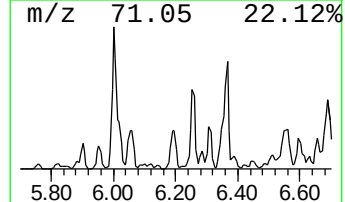
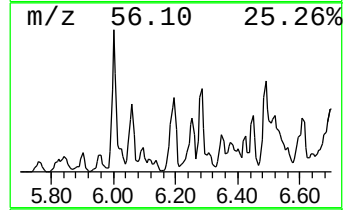
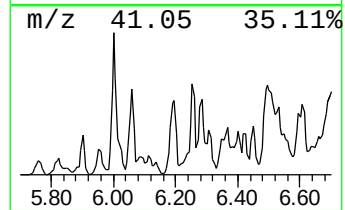
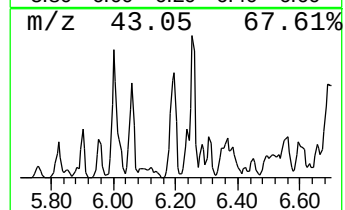
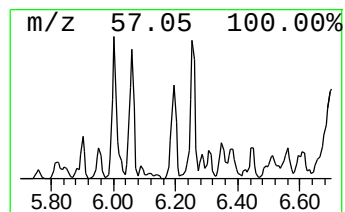
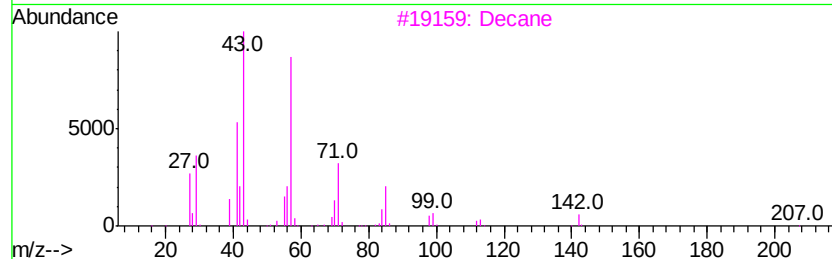
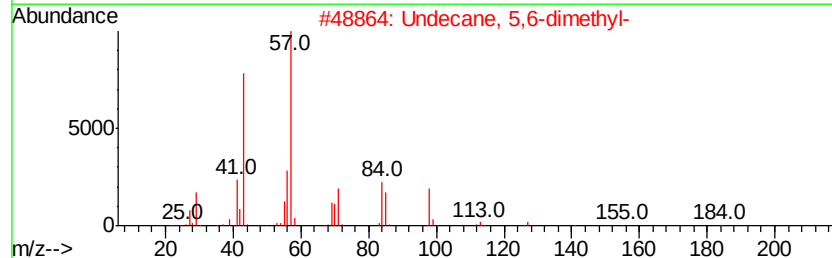
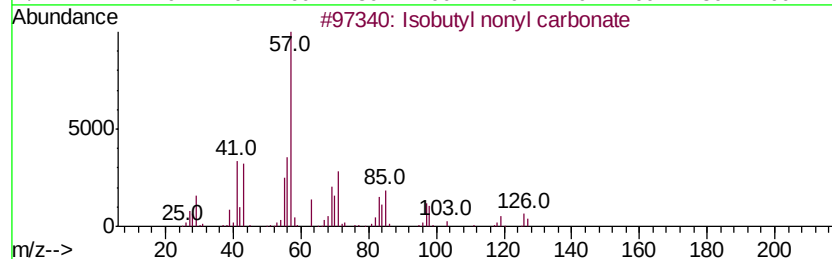
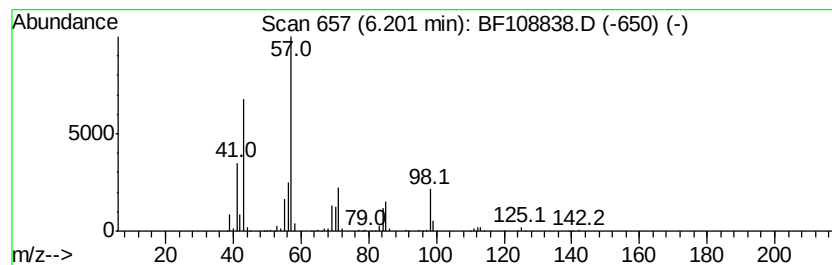
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Isobutyl nonyl carbonate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	12.97 ng	3246690	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	72
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
3		Decane	142	C10H22	000124-18-5	50
4		Decane, 5-methyl-	156	C11H24	013151-35-4	50
5		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43



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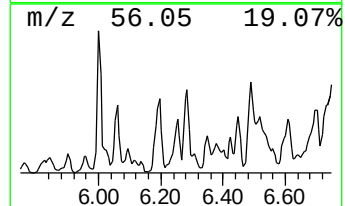
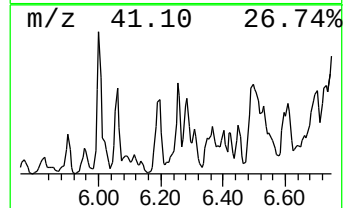
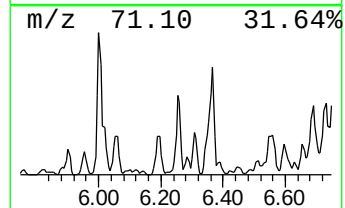
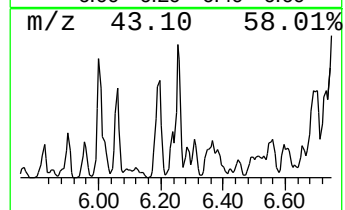
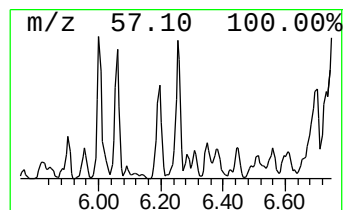
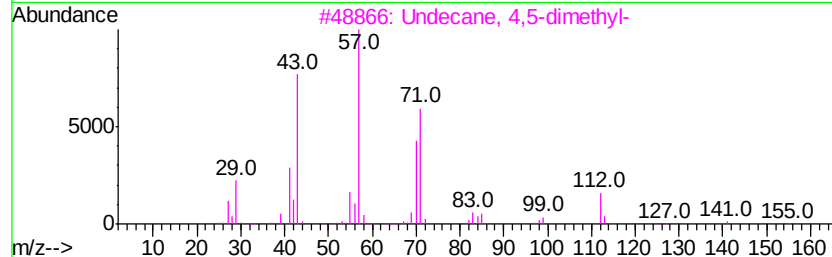
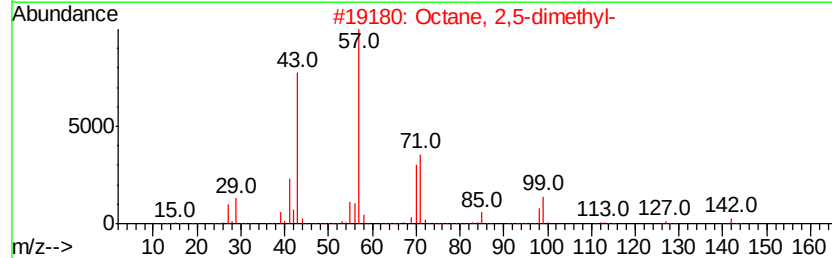
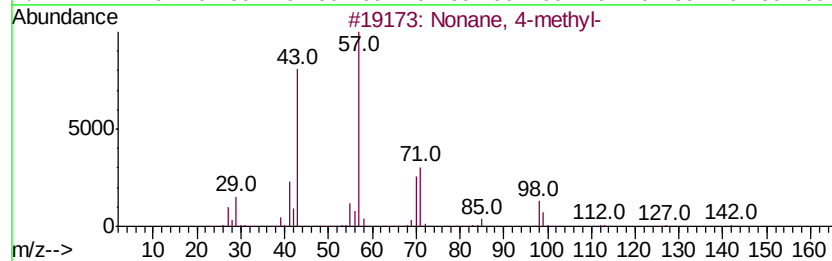
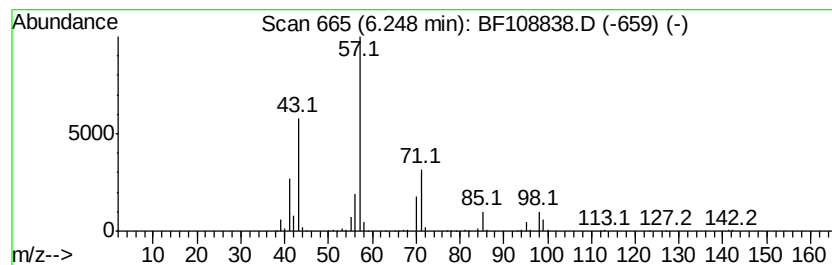
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Nonane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	12.38 ng	3099320	1,4-Dichlorobenzene-d4	6.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 4-methyl-	142 C10H22	017301-94-9	91
2	Octane, 2,5-dimethyl-	142 C10H22	015869-89-3	78
3	Undecane, 4,5-dimethyl-	184 C13H28	017312-79-7	64
4	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	64
5	Heptane, 2,3,4-trimethyl-	142 C10H22	052896-95-4	64



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Data File : BF108838.D
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Sample : J4803-11
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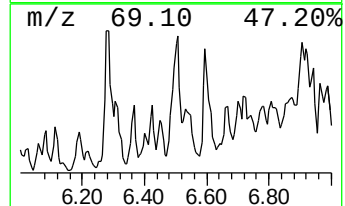
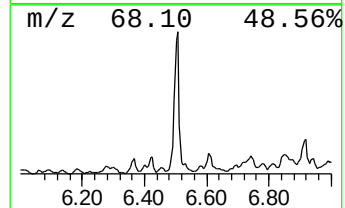
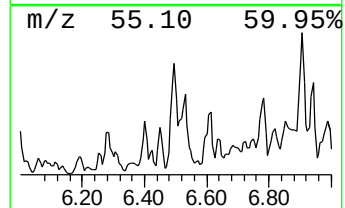
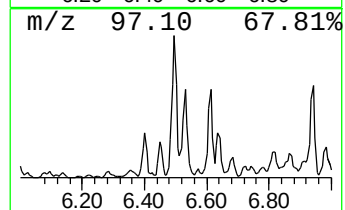
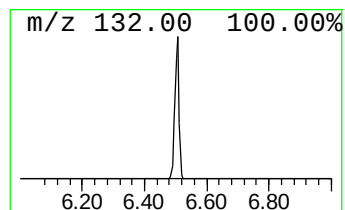
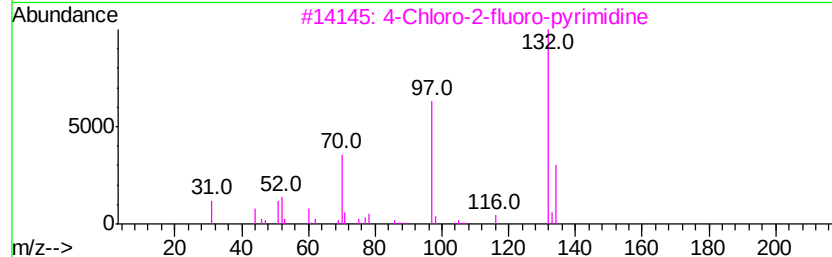
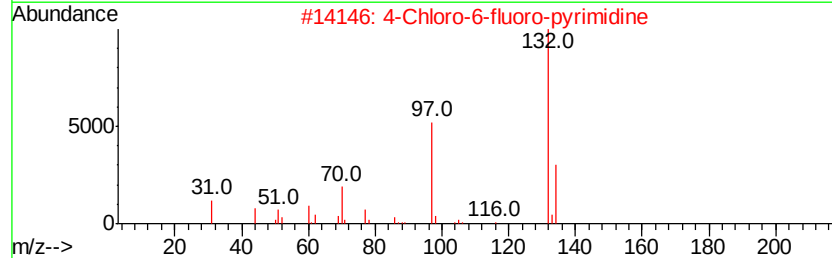
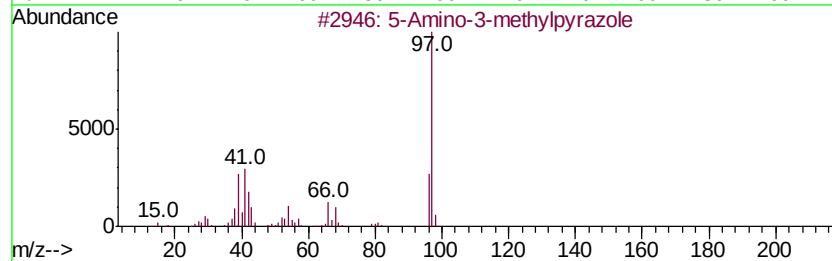
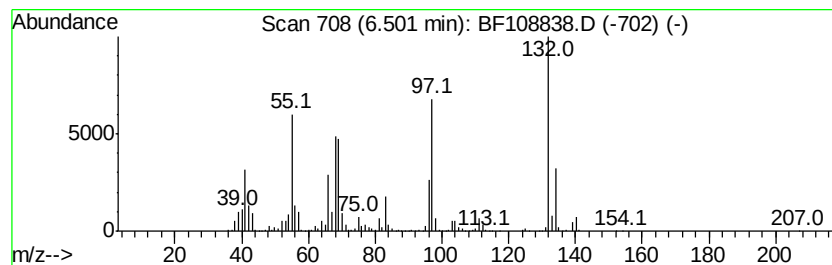
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	34.24 ng	8567760	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	38
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	25
4		Xenon	132	Xe	007440-63-3	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
Operator : JU/SJ
Sample : J4803-11
Misc :
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Instrument :
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ClientSampled :
EP1-Q2-H6

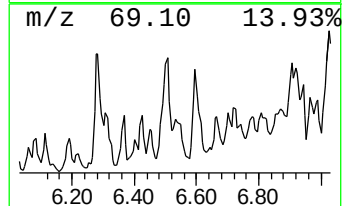
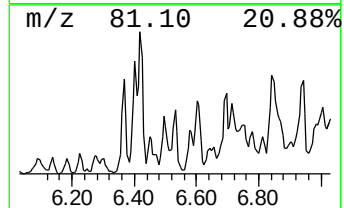
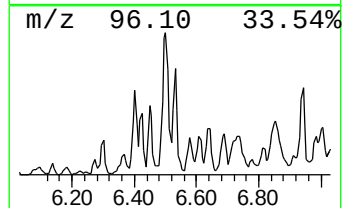
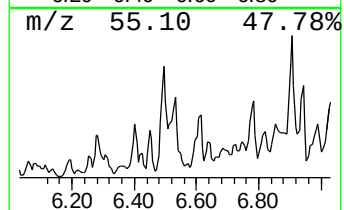
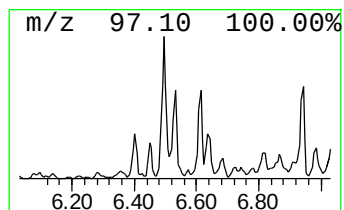
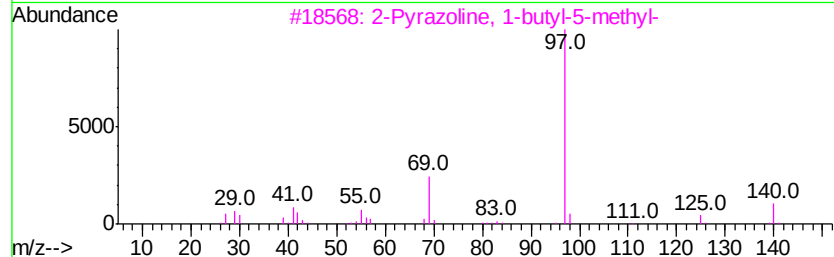
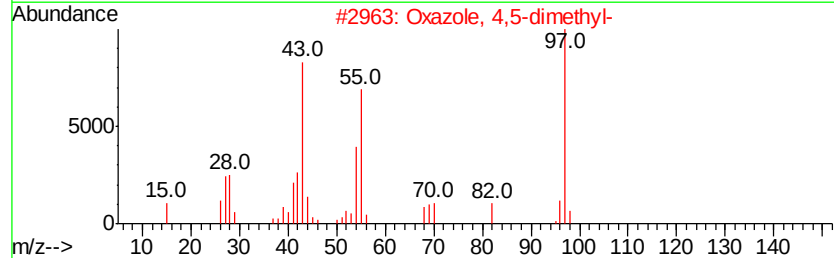
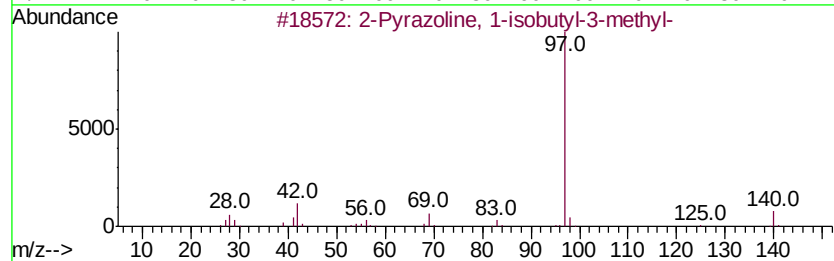
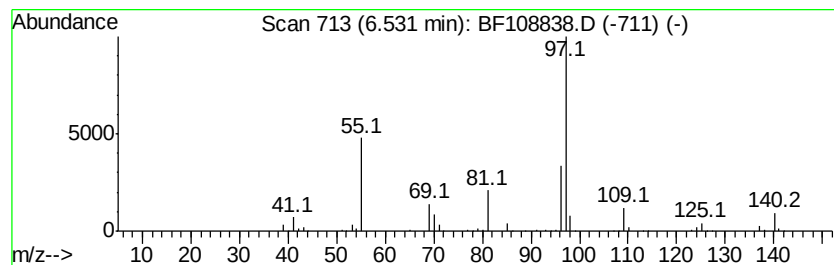
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pyrazoline, 1-isobutyl-3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	10.88 ng	2721800	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	53
2		Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	53
3		2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	40
4		4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	38
5		Cycloheptane, bromo-	176	C7H13Br	002404-35-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
Operator : JU/SJ
Sample : J4803-11
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ClientSampled :
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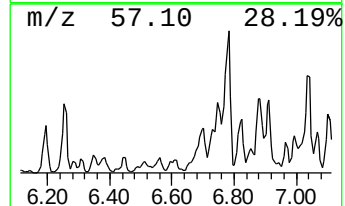
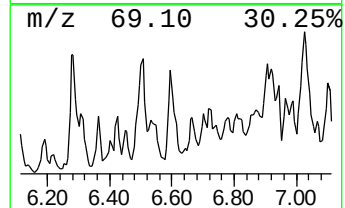
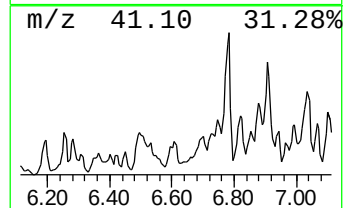
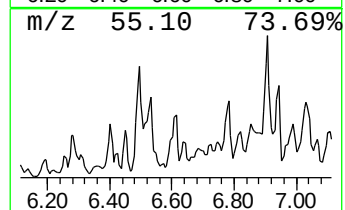
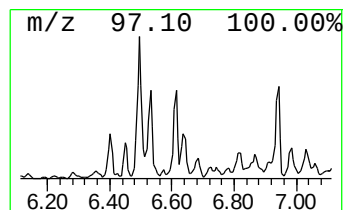
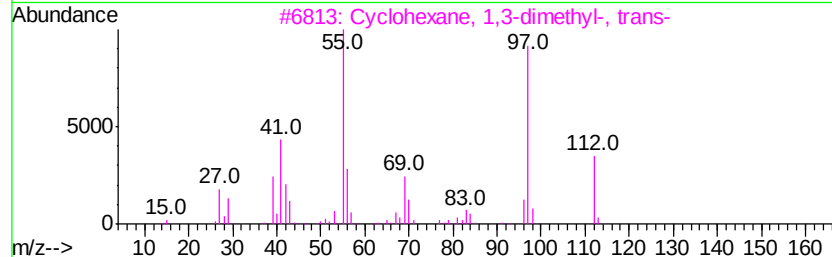
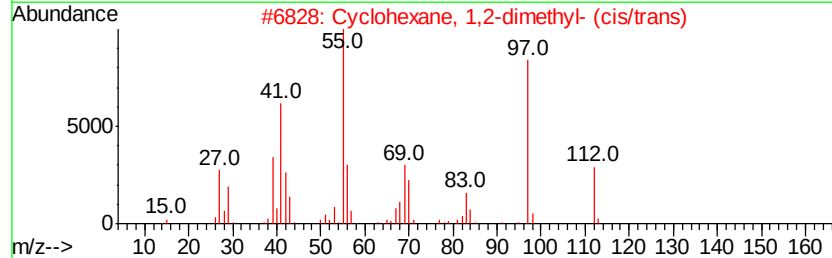
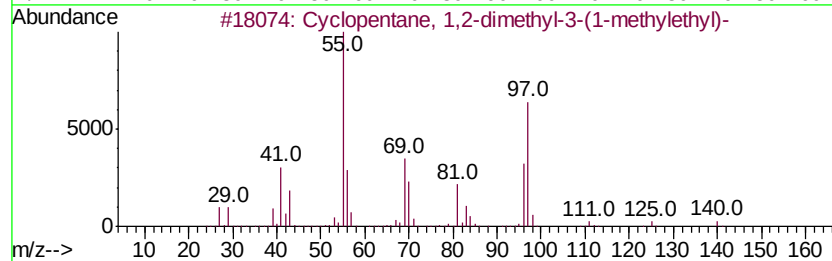
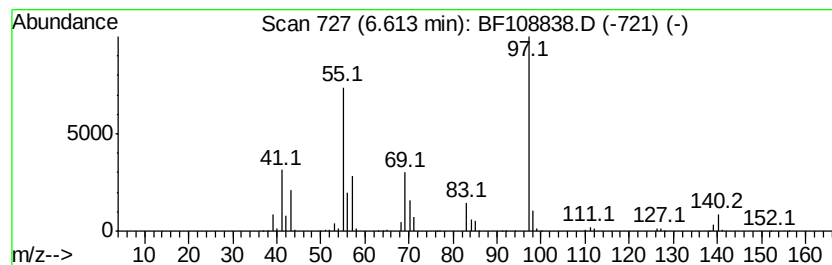
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclopentane, 1,2-dimethyl-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	11.24 ng	2812040	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	91
2		Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	72
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
4		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	53
5		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
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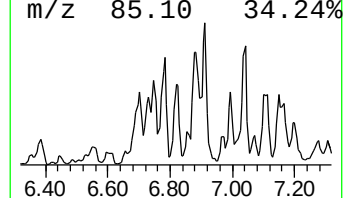
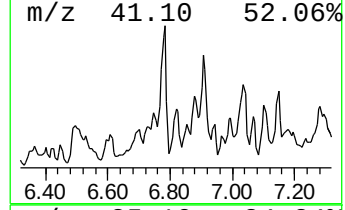
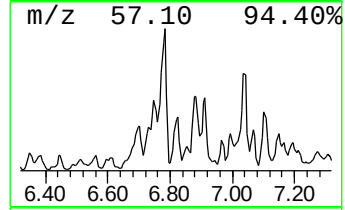
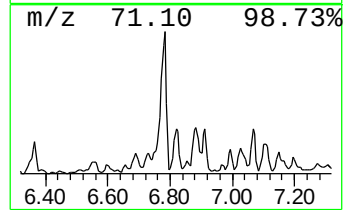
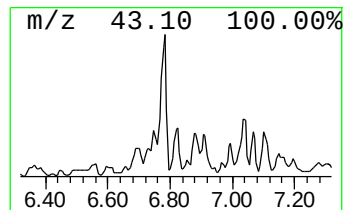
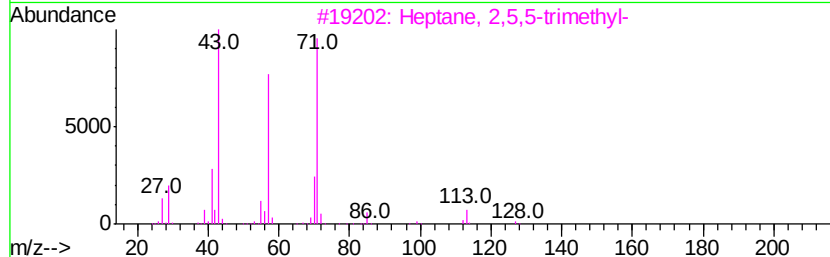
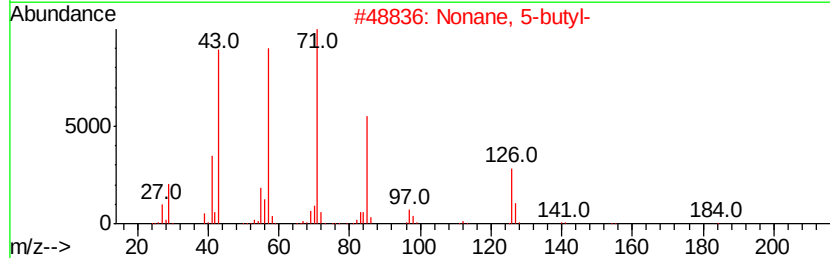
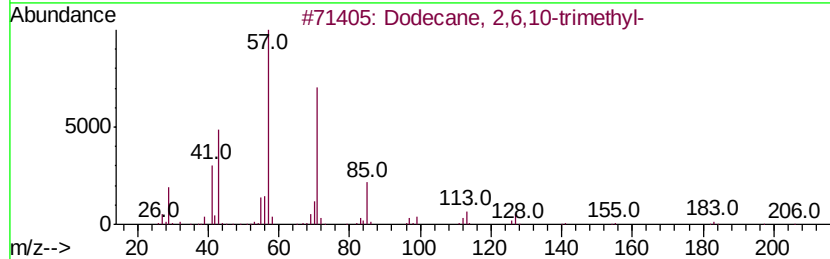
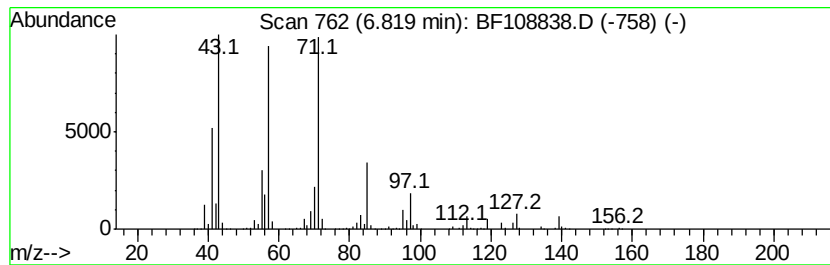
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	18.34 ng	4590300	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	59
3		Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	53
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53
5		Sulfurous acid, butyl pentyl ester	208	C9H20O3S	1000309-17-1	50



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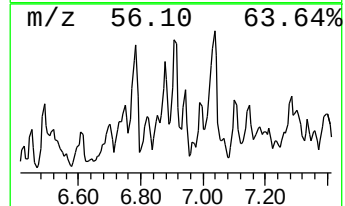
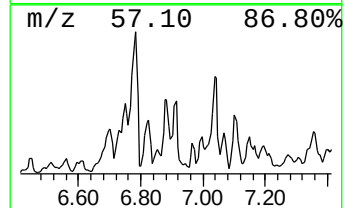
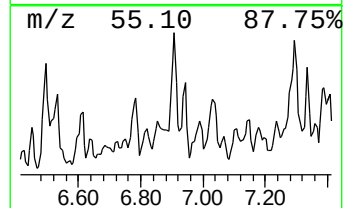
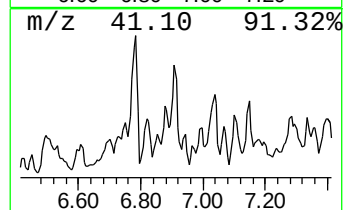
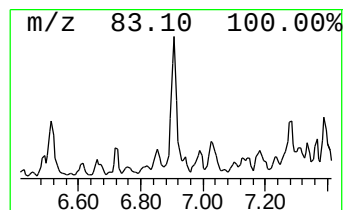
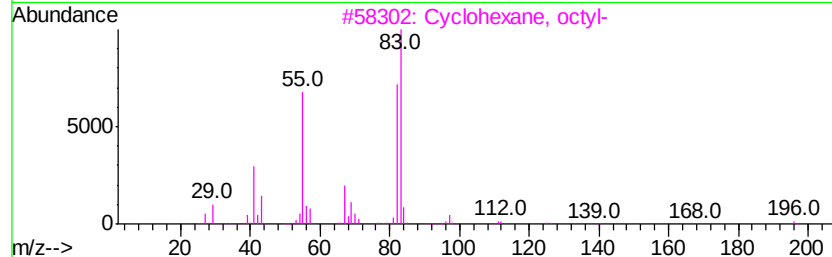
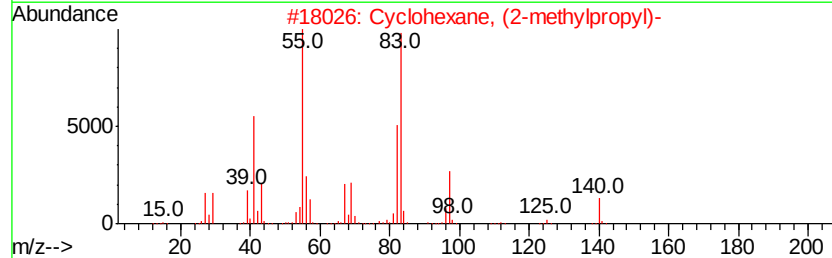
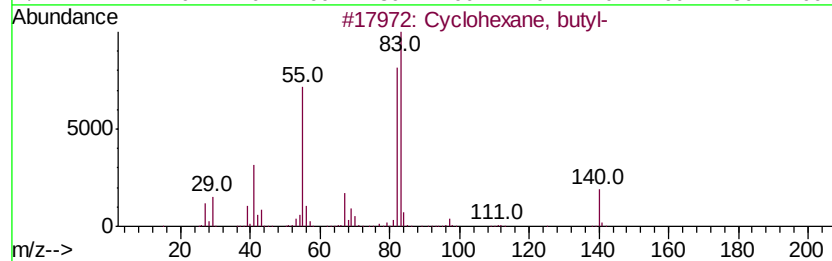
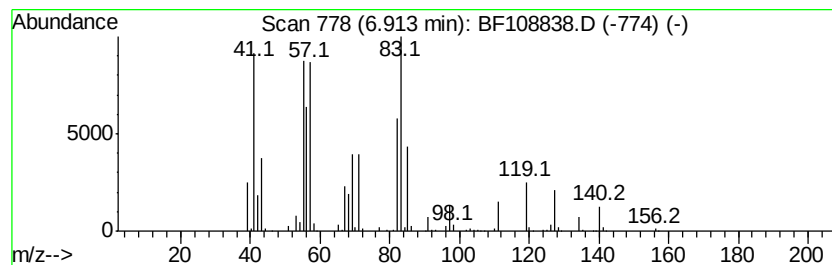
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	32.08 ng	8028540	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	81
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	59
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	59
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
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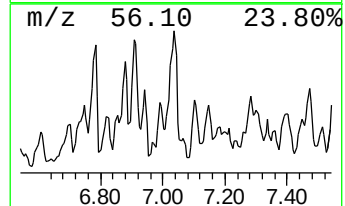
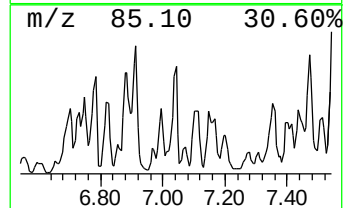
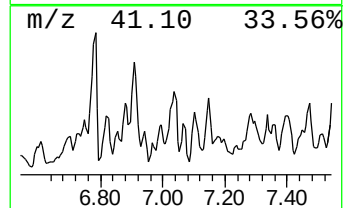
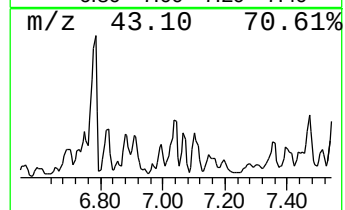
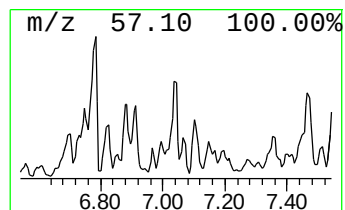
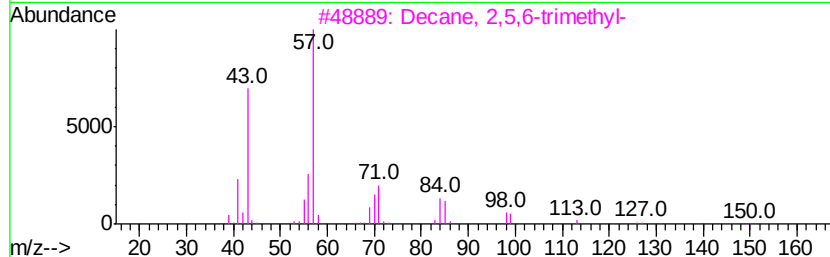
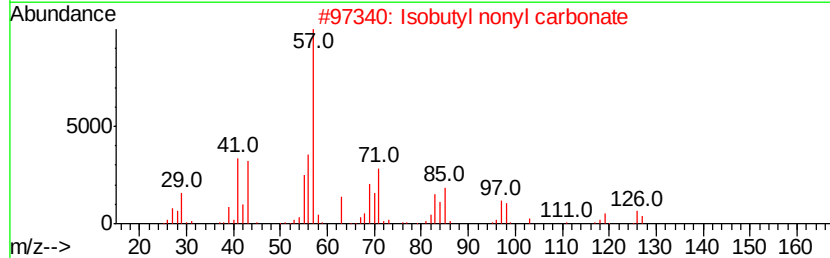
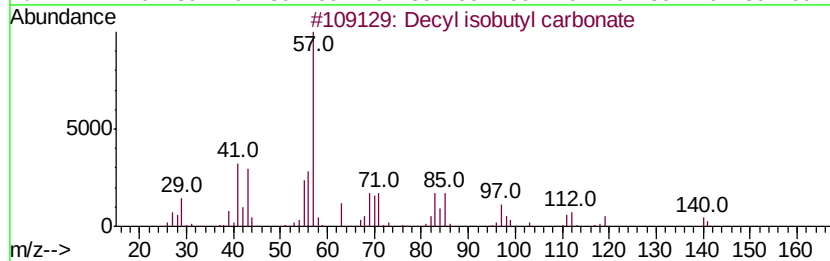
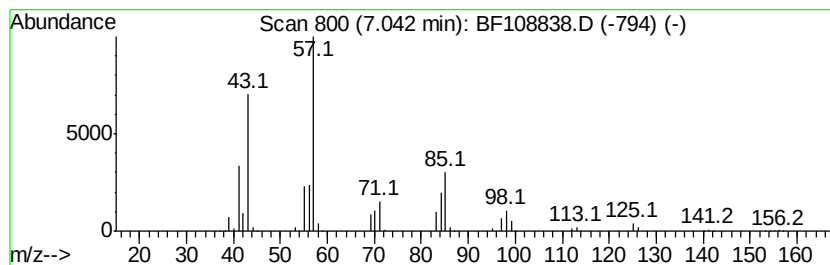
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decyl isobutyl carbonate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	26.89 ng	6730170	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	53
2		Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	50
3		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49
5		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
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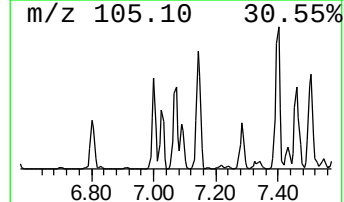
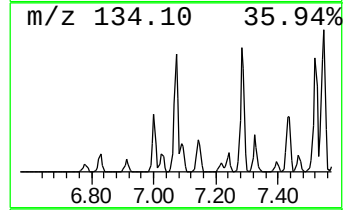
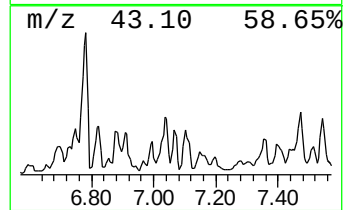
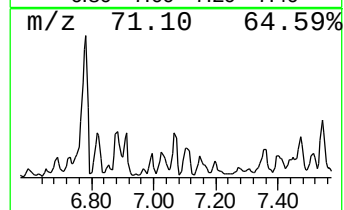
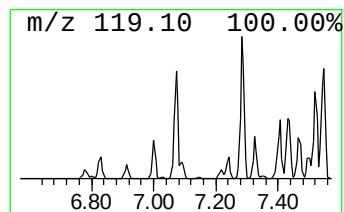
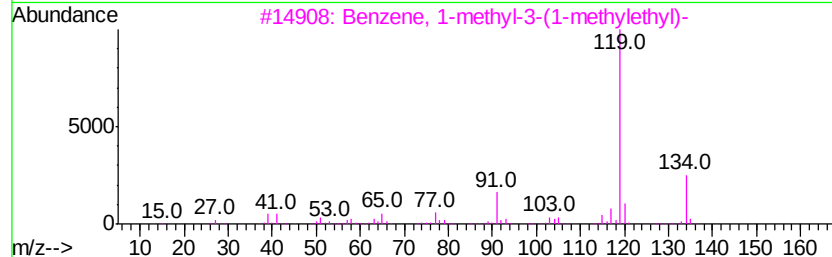
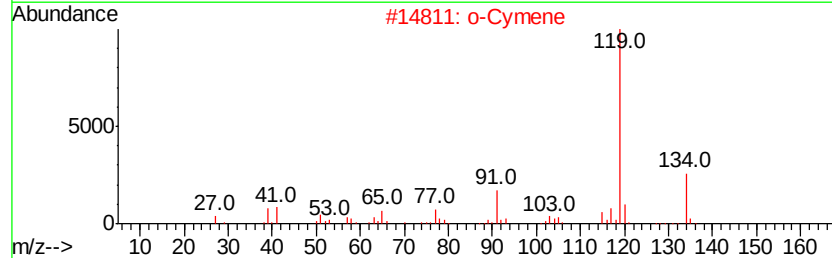
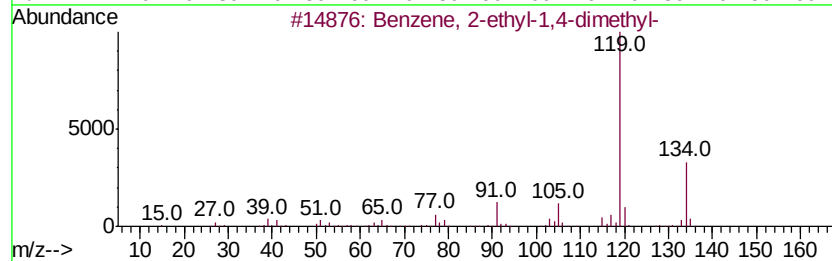
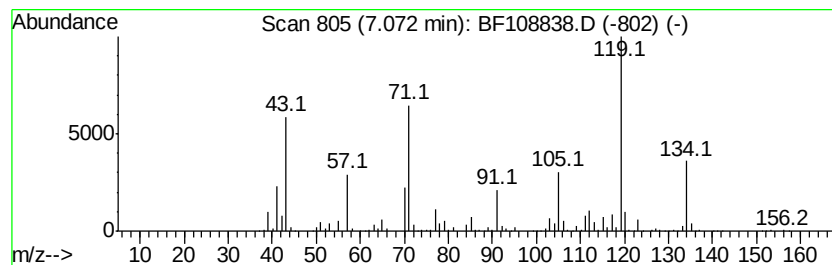
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	14.90 ng	3728750	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		o-Cymene	134	C10H14	000527-84-4	91
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	90
4		p-Cymene	134	C10H14	000099-87-6	87
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
Operator : JU/SJ
Sample : J4803-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H6

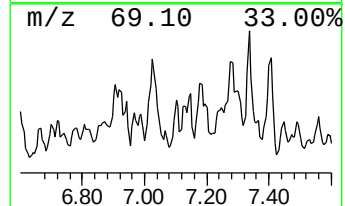
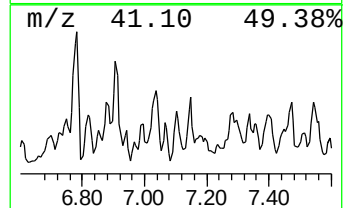
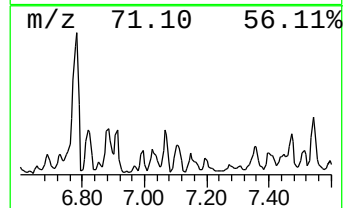
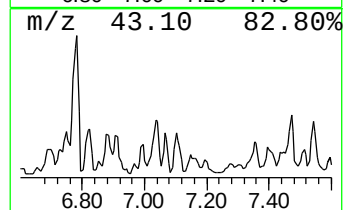
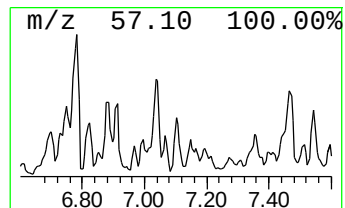
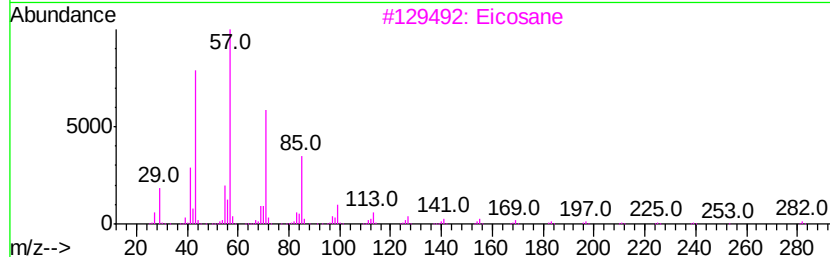
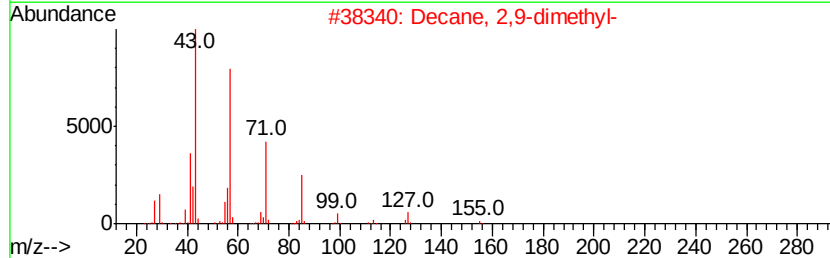
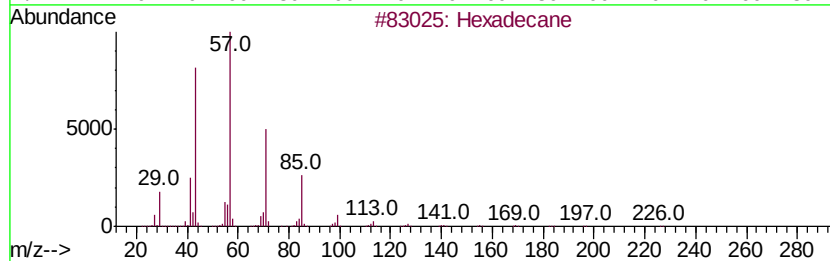
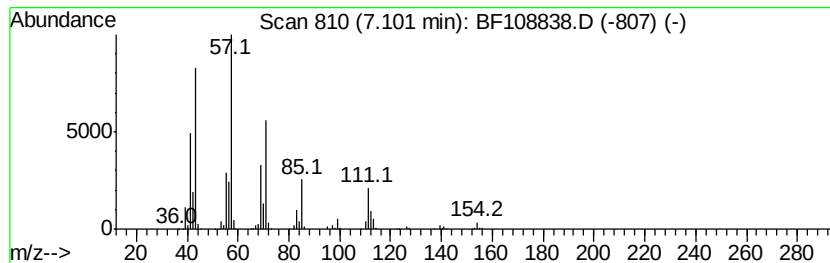
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	17.31 ng	4331760	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	53
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53
3		Eicosane	282	C20H42	000112-95-8	50
4		Tridecane	184	C13H28	000629-50-5	50
5		Pentadecane	212	C15H32	000629-62-9	50



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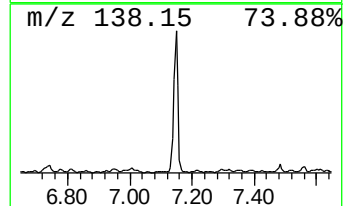
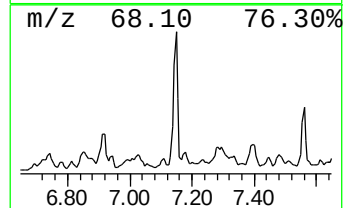
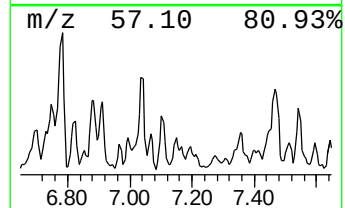
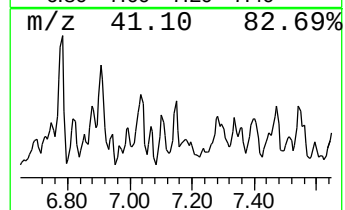
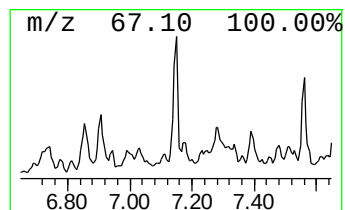
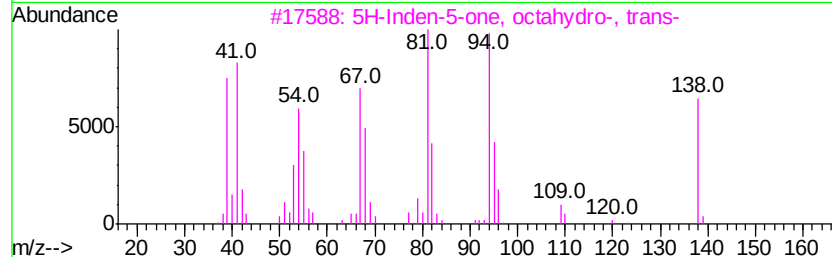
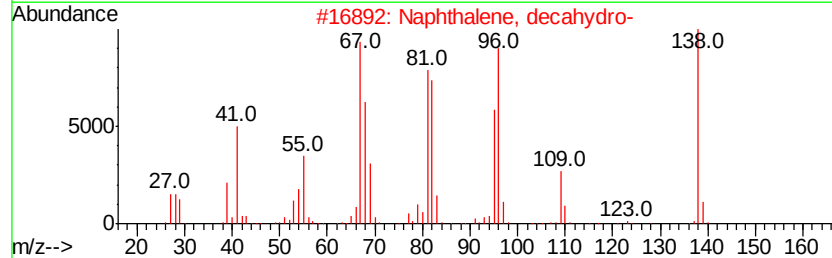
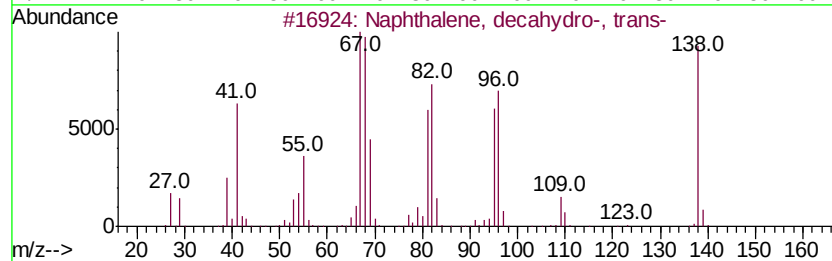
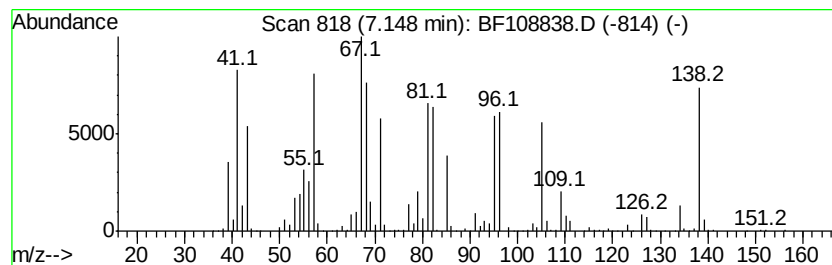
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	19.06 ng	4770520	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3		5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	64
4		Cyclodecene	138	C10H18	003618-12-0	58
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
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Sample : J4803-11
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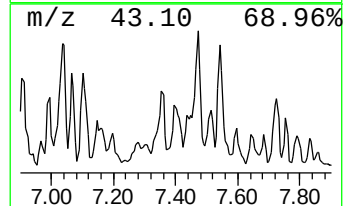
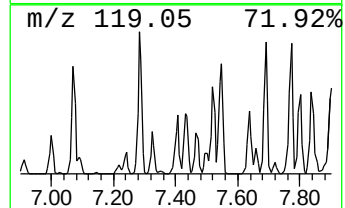
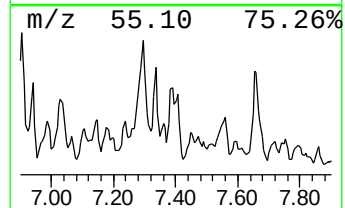
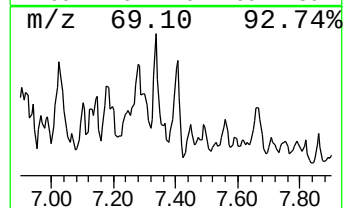
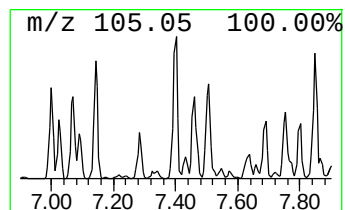
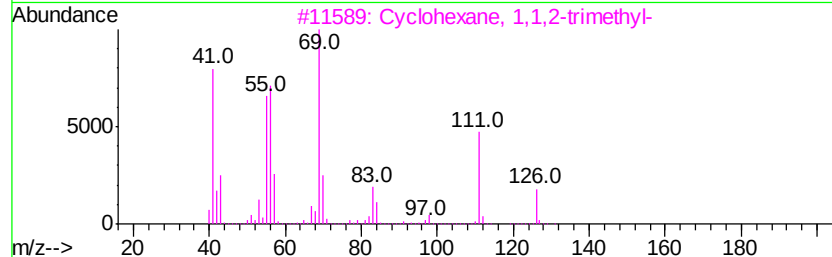
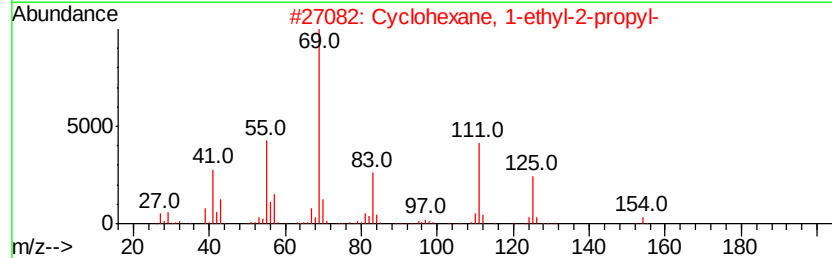
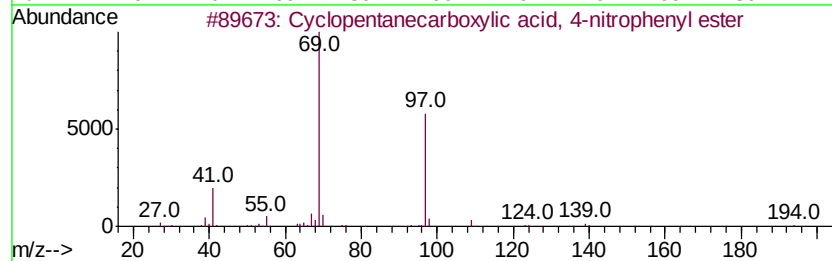
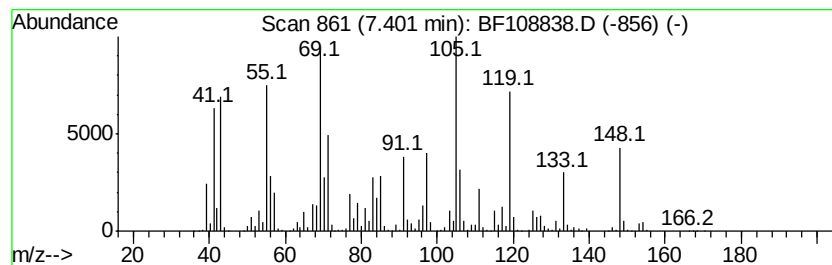
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown7.40 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	33.49 ng	6874160	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	22
2		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	18
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	18
4		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	15
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
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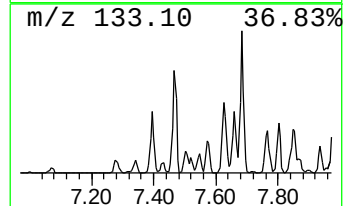
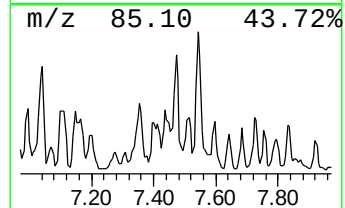
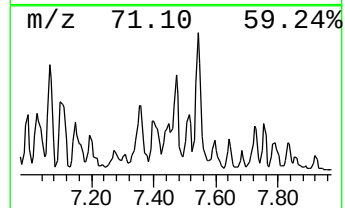
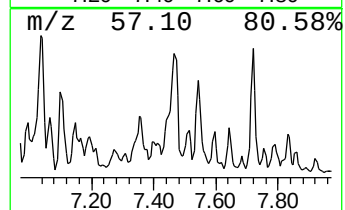
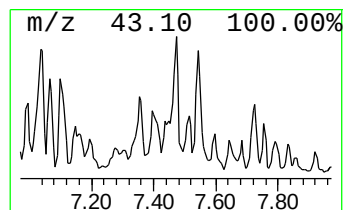
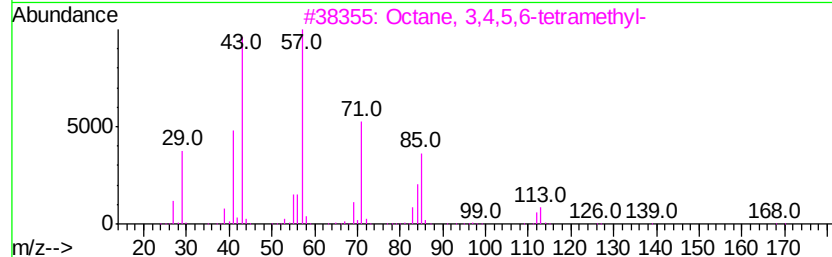
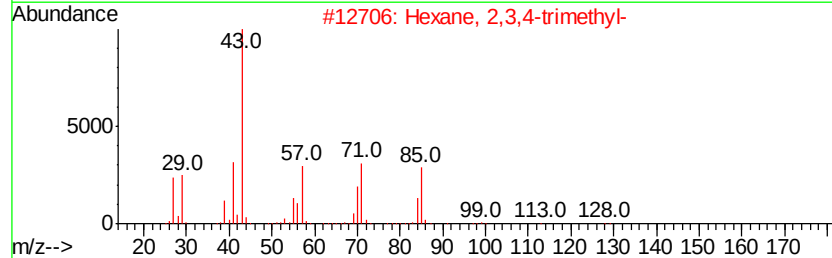
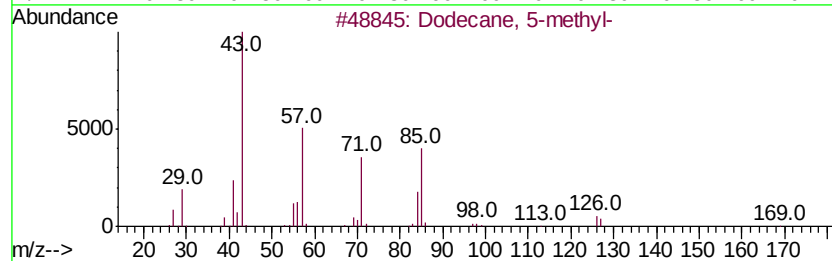
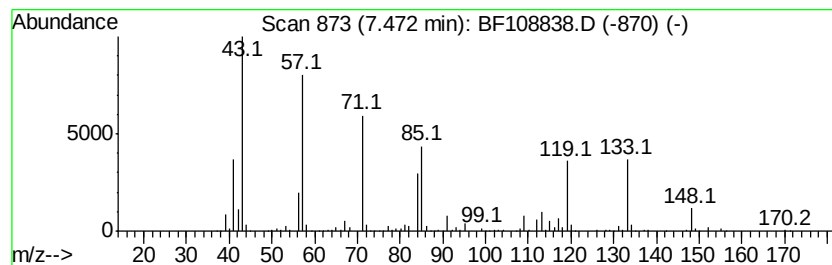
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	20.14 ng	4133200	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 5-methyl-	184	C13H28	017453-93-9	50
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	49
3		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	46
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
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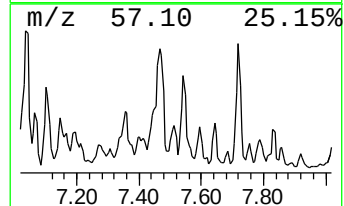
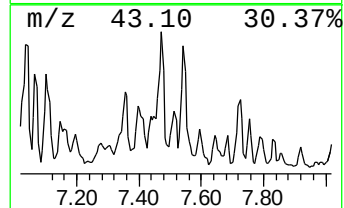
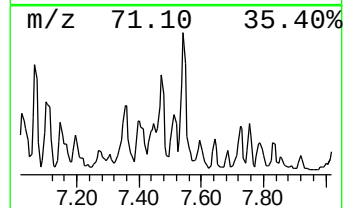
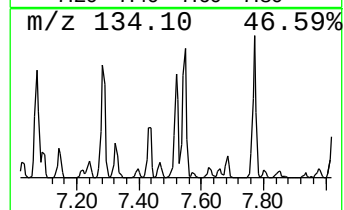
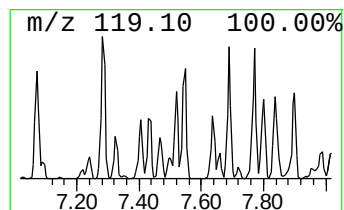
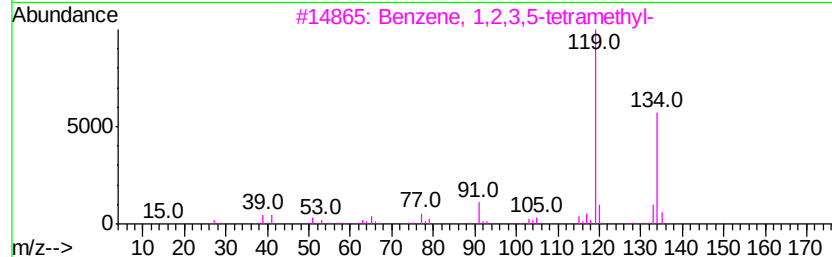
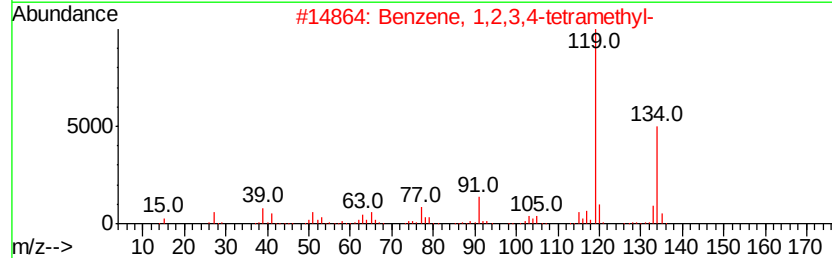
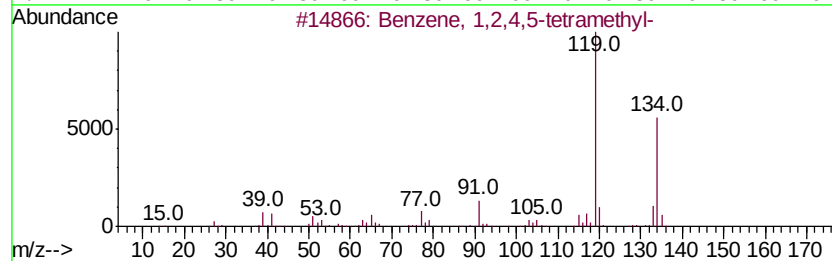
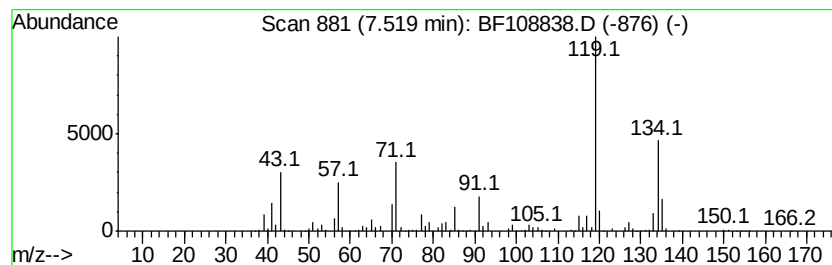
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	13.22 ng	2712720	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
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ClientSampleId :
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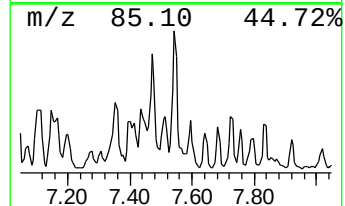
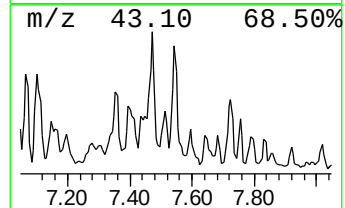
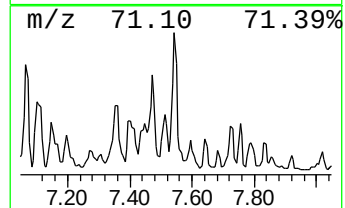
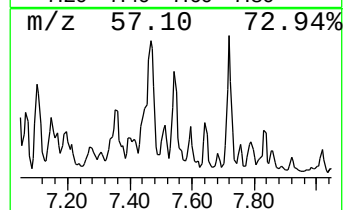
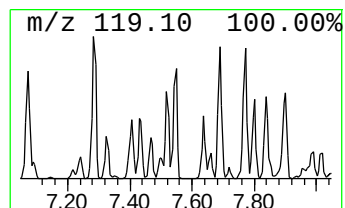
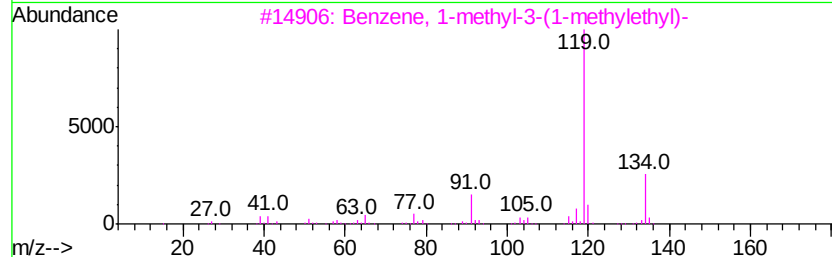
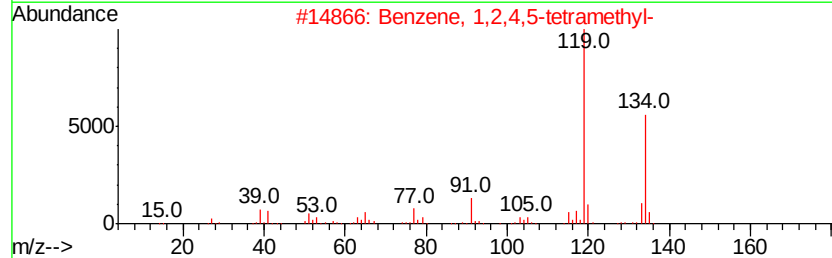
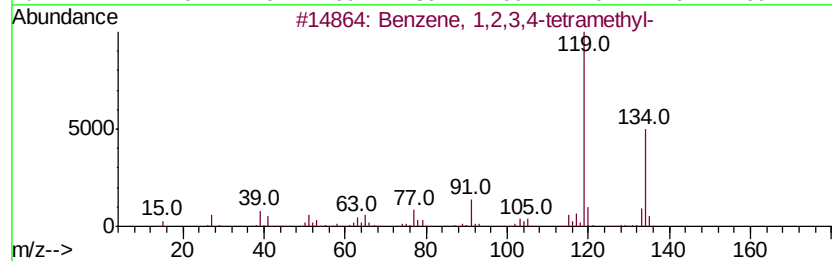
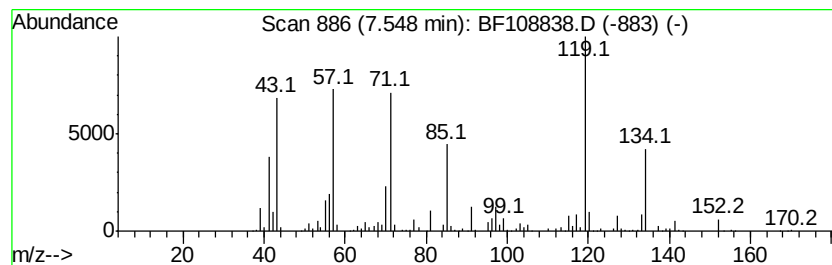
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	35.16 ng	7215330	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	86
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	50
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
5		p-Cymene	134	C10H14	000099-87-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
Operator : JU/SJ
Sample : J4803-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-Q2-H6

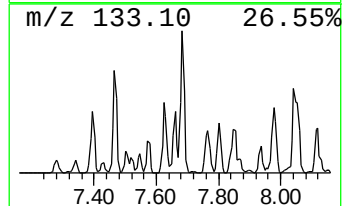
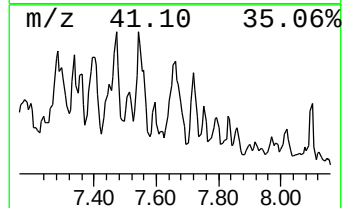
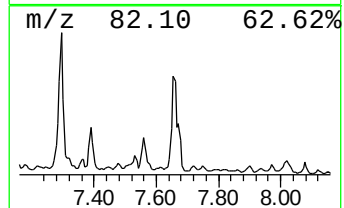
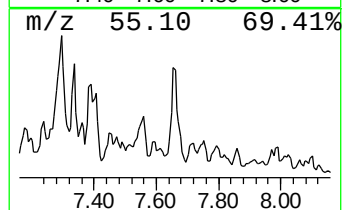
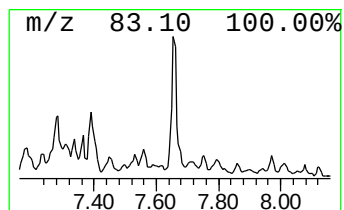
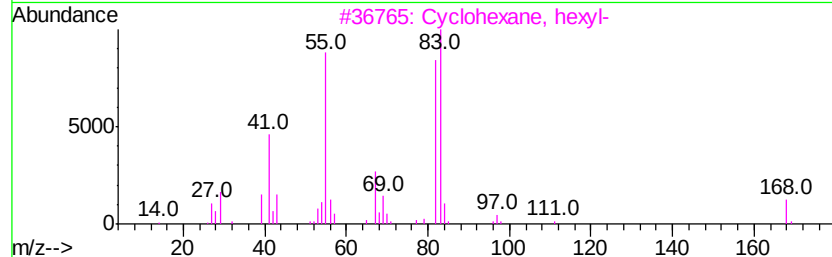
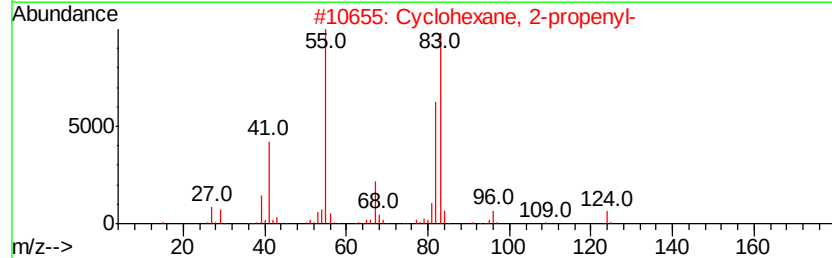
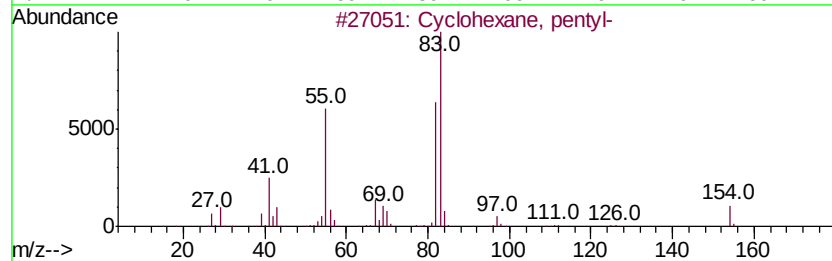
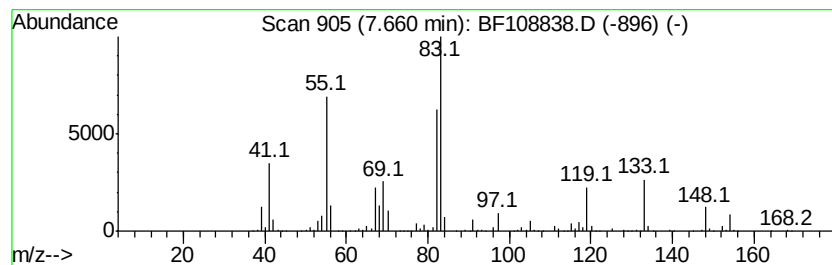
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclohexane, pentyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	26.86 ng	5513270	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
2		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
Operator : JU/SJ
Sample : J4803-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H6

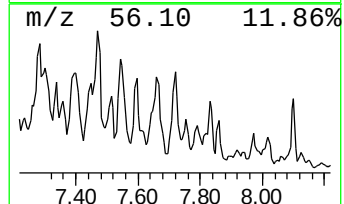
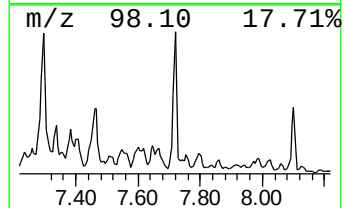
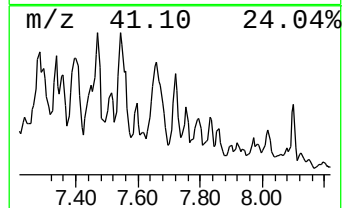
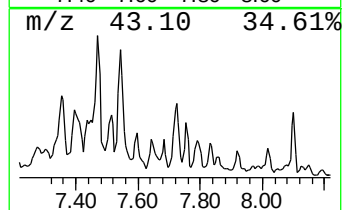
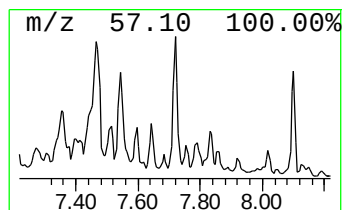
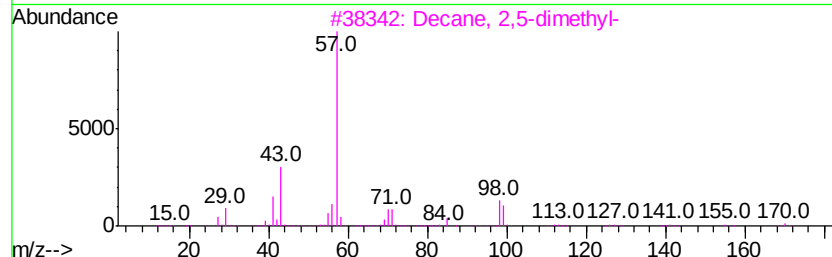
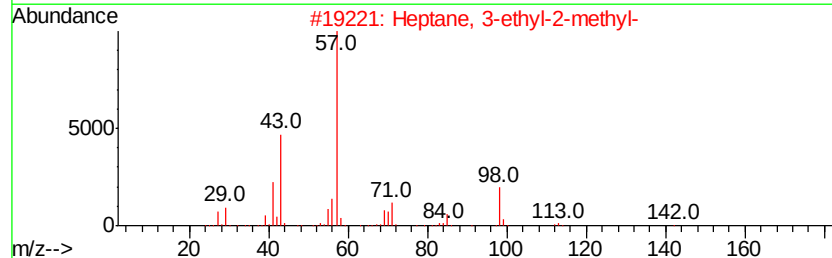
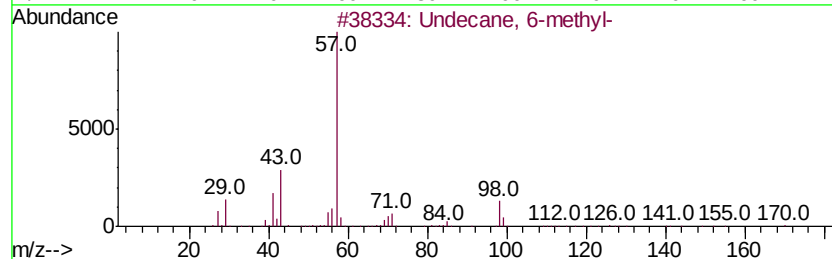
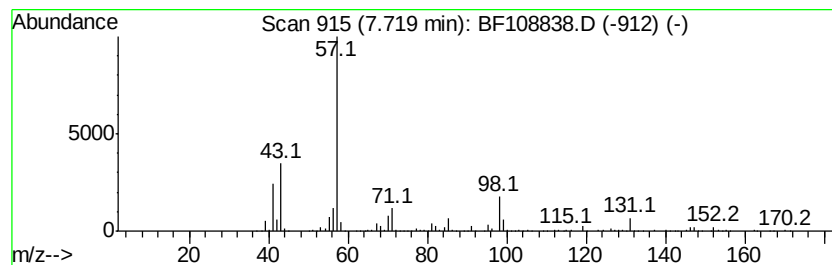
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	14.39 ng	2952470	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	74
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108838.D
Acq On : 6 Sep 2018 22:04
Operator : JU/SJ
Sample : J4803-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-H6

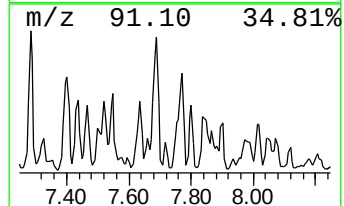
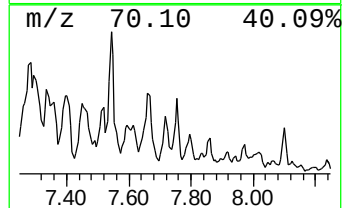
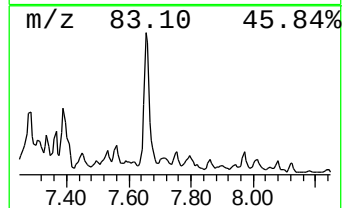
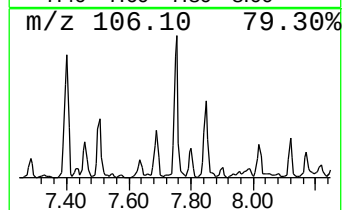
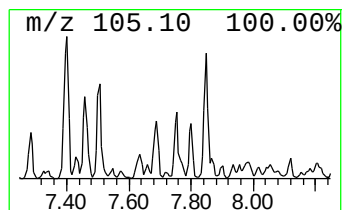
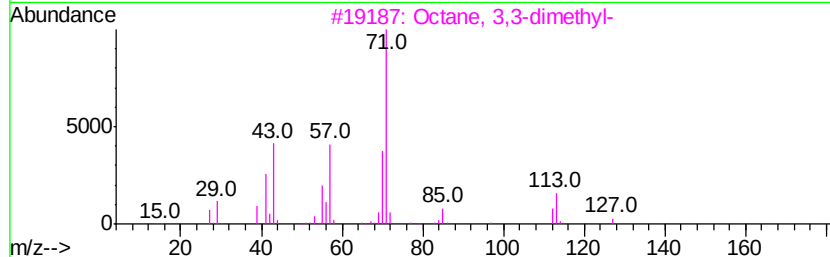
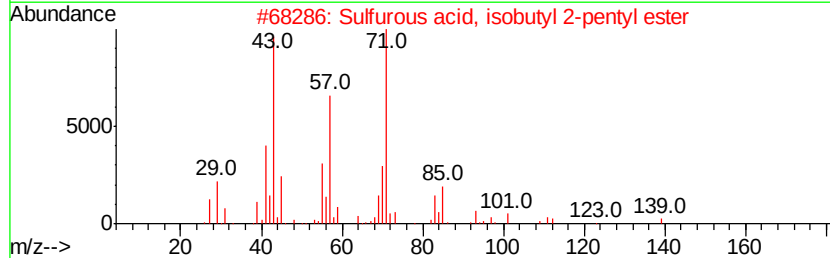
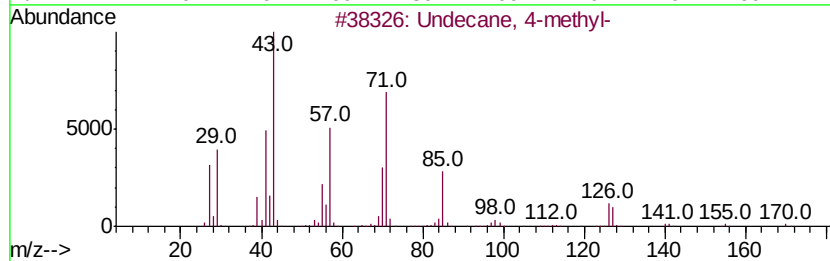
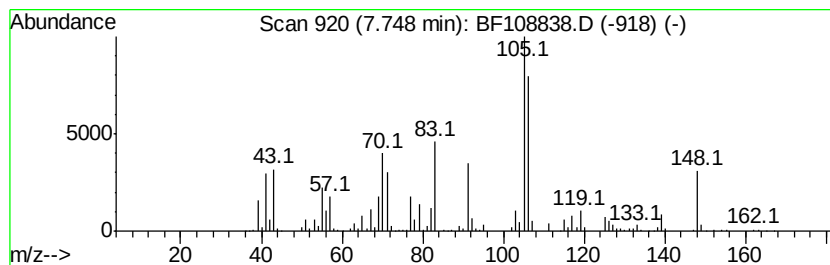
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown7.75 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	10.39 ng	2132100	Napthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4-methyl-	170	C12H26	002980-69-0	43
2		Sulfurous acid, isobutyl 2-pentyl...	208	C9H20O3S	1000309-15-2	35
3		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	35
4		Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	35
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
 Data File : BF108838.D
 Acq On : 6 Sep 2018 22:04
 Operator : JU/SJ
 Sample : J4803-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q2-H6

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
Nonane, 3-methyl-	6.00	16.3	ng	4081940	1	6.74	5005210	20.0
Isobutyl nonyl ca...	6.20	13.0	ng	3246690	1	6.74	5005210	20.0
Nonane, 4-methyl-	6.25	12.4	ng	3099320	1	6.74	5005210	20.0
unknown6.50	6.50	34.2	ng	8567760	1	6.74	5005210	20.0
2-Pyrazoline, 1-i...	6.53	10.9	ng	2721800	1	6.74	5005210	20.0
Cyclopentane, 1,2...	6.61	11.2	ng	2812040	1	6.74	5005210	20.0
Dodecane, 2,6,10-...	6.82	18.3	ng	4590300	1	6.74	5005210	20.0
Cyclohexane, butyl-	6.91	32.1	ng	8028540	1	6.74	5005210	20.0
Decyl isobutyl ca...	7.04	26.9	ng	6730170	1	6.74	5005210	20.0
Benzene, 2-ethyl-...	7.07	14.9	ng	3728750	1	6.74	5005210	20.0
Hexadecane	7.10	17.3	ng	4331760	1	6.74	5005210	20.0
Naphthalene, deca...	7.15	19.1	ng	4770520	1	6.74	5005210	20.0
unknown7.40	7.40	33.5	ng	6874160	2	8.02	4104820	20.0
Dodecane, 5-methyl-	7.47	20.1	ng	4133200	2	8.02	4104820	20.0
Benzene, 1,2,4,5-...	7.52	13.2	ng	2712720	2	8.02	4104820	20.0
Benzene, 1,2,3,4-...	7.55	35.2	ng	7215330	2	8.02	4104820	20.0
Cyclohexane, pentyl-	7.66	26.9	ng	5513270	2	8.02	4104820	20.0
Undecane, 6-methyl-	7.72	14.4	ng	2952470	2	8.02	4104820	20.0
unknown7.75	7.75	10.4	ng	2132100	2	8.02	4104820	20.0