

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113521.D
 Acq On : 2 Apr 2019 22:39
 Operator : JU/SJ
 Sample : K2180-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

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-BF032519.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	3.616	251	260	270	rBV2	71595	206086	6.04%	0.272%
2	3.775	278	287	294	rBV2	105741	198331	5.81%	0.262%
3	3.940	304	315	320	rBV	176814	298547	8.74%	0.395%
4	4.275	367	372	380	rVB	156761	231387	6.78%	0.306%
5	4.804	452	462	466	rBV	311796	409496	11.99%	0.541%
6	5.087	505	510	512	rBV	190432	209864	6.15%	0.277%
7	5.128	512	517	519	rVV3	117802	242514	7.10%	0.321%
8	5.175	523	525	527	rVV	442787	437407	12.81%	0.578%
9	5.198	527	529	533	rVV	398538	410727	12.03%	0.543%
10	5.257	536	539	540	rVV	284189	291445	8.54%	0.385%
11	5.281	540	543	545	rVV	719654	817873	23.95%	1.081%
12	5.310	545	548	552	rVV	2823483	2850240	83.48%	3.767%
13	5.351	552	555	563	rVV	358567	453769	13.29%	0.600%
14	5.416	563	566	569	rVV	400743	395413	11.58%	0.523%
15	5.563	588	591	594	rVV	349850	367683	10.77%	0.486%
16	5.598	594	597	603	rVB	612241	551893	16.16%	0.729%
17	5.698	610	614	620	rVB3	168484	225573	6.61%	0.298%
18	5.757	620	624	633	rBV2	379261	598589	17.53%	0.791%
19	5.845	633	639	642	rBV2	382619	438530	12.84%	0.580%
20	5.898	642	648	652	rVB2	187261	279698	8.19%	0.370%
21	5.939	652	655	658	rBV	378442	378173	11.08%	0.500%
22	5.992	661	664	668	rBV	175490	202331	5.93%	0.267%
23	6.133	683	688	693	rBV3	418247	679744	19.91%	0.898%
24	6.192	693	698	701	rVV	1914505	2143141	62.77%	2.833%
25	6.216	701	702	703	rVV	559566	384739	11.27%	0.509%
26	6.251	706	708	711	rVV2	600686	528216	15.47%	0.698%
27	6.292	711	715	718	rVV	1681274	1689936	49.49%	2.234%
28	6.345	718	724	727	rVV	2904023	3414457	100.00%	4.513%
29	6.381	727	730	736	rVV2	554756	763466	22.36%	1.009%
30	6.469	740	745	747	rVV	3168664	3369079	98.67%	4.453%
31	6.486	747	748	751	rVV	369205	335276	9.82%	0.443%
32	6.522	751	754	755	rVV	1073296	962287	28.18%	1.272%
33	6.539	755	757	761	rVV	742978	664347	19.46%	0.878%
34	6.633	769	773	777	rVV3	230469	398372	11.67%	0.527%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.692	780	783	785	rVV2	1074986	994049	29.11%	1.314%
36	6.716	785	787	790	rVV2	706446	666088	19.51%	0.880%
37	6.751	790	793	797	rVV	1350897	1238098	36.26%	1.636%
38	6.786	797	799	802	rVV	204151	216782	6.35%	0.287%
39	6.828	802	806	807	rVV	681430	746020	21.85%	0.986%
40	6.851	807	810	812	rVV	2686749	2594689	75.99%	3.430%
41	6.875	812	814	817	rVV	499355	440491	12.90%	0.582%
42	6.945	817	826	828	rVV	614159	765544	22.42%	1.012%
43	6.975	828	831	835	rVV	1397361	1535176	44.96%	2.029%
44	7.016	835	838	840	rVV	1816559	1642098	48.09%	2.170%
45	7.045	840	843	846	rVV	812366	805071	23.58%	1.064%
46	7.092	847	851	855	rVV	680982	719123	21.06%	0.951%
47	7.139	855	859	860	rVV	338955	337661	9.89%	0.446%
48	7.163	860	863	865	rVV2	590864	597211	17.49%	0.789%
49	7.186	865	867	869	rVV	533365	404561	11.85%	0.535%
50	7.233	869	875	877	rVV	1857763	2025336	59.32%	2.677%
51	7.257	877	879	884	rVV2	2282088	2318197	67.89%	3.064%
52	7.298	884	886	890	rVV	580410	530773	15.54%	0.702%
53	7.345	890	894	897	rVV4	255162	341717	10.01%	0.452%
54	7.380	897	900	903	rVV	443653	449965	13.18%	0.595%
55	7.410	903	905	907	rVV2	179304	216657	6.35%	0.286%
56	7.469	910	915	917	rVV2	1357467	1531776	44.86%	2.025%
57	7.492	917	919	923	rVV	1284827	1107728	32.44%	1.464%
58	7.539	923	927	929	rVV3	177176	199797	5.85%	0.264%
59	7.586	932	935	936	rVV	306792	280294	8.21%	0.370%
60	7.604	936	938	940	rVV2	244058	235239	6.89%	0.311%
61	7.645	940	945	947	rVV4	387911	678975	19.89%	0.897%
62	7.669	947	949	952	rVV2	355200	363504	10.65%	0.480%
63	7.716	952	957	961	rVV4	1161703	1848706	54.14%	2.444%
64	7.751	961	963	966	rVV3	416133	584253	17.11%	0.772%
65	7.780	966	968	970	rVV2	258318	319885	9.37%	0.423%
66	7.798	970	971	976	rVB3	287819	247873	7.26%	0.328%
67	7.845	976	979	984	rBV2	276673	360479	10.56%	0.476%
68	7.939	987	995	996	rBV5	198295	327849	9.60%	0.433%
69	7.969	996	1000	1003	rVV2	1588981	1769307	51.82%	2.339%
70	7.992	1003	1004	1007	rVV2	568025	494545	14.48%	0.654%
71	8.022	1007	1009	1011	rVV	276941	219746	6.44%	0.290%

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72	8.357	1064	1066	1069	rBV	315397	246118	7.21%	0.325%
73	8.404	1069	1074	1078	rVB4	153145	231335	6.78%	0.306%
74	8.445	1078	1081	1084	rBV2	279281	303756	8.90%	0.401%
75	8.569	1098	1102	1106	rBV2	390075	432057	12.65%	0.571%
76	8.780	1133	1138	1142	rVB2	263770	288040	8.44%	0.381%
77	9.045	1179	1183	1186	rBV	3843135	3297122	96.56%	4.358%
78	9.133	1194	1198	1203	rBV2	176157	227123	6.65%	0.300%
79	9.439	1247	1250	1255	rVV	463783	435193	12.75%	0.575%
80	9.716	1292	1297	1301	rVV	1099013	1048691	30.71%	1.386%
81	10.510	1427	1432	1443	rBV	1851264	1921817	56.28%	2.540%
82	11.198	1545	1549	1551	rBV	1045962	866730	25.38%	1.146%
83	11.221	1551	1553	1556	rVV	336994	266031	7.79%	0.352%
84	11.733	1637	1640	1649	rBV2	356446	477838	13.99%	0.632%
85	12.410	1751	1755	1758	rBV	421829	389437	11.41%	0.515%
86	12.515	1770	1773	1778	rBV2	193827	210992	6.18%	0.279%
87	12.633	1790	1793	1796	rVB	371345	310373	9.09%	0.410%
88	12.780	1814	1818	1821	rBV	2834541	2545584	74.55%	3.365%
89	13.827	1992	1996	1999	rBV2	973066	1076025	31.51%	1.422%
90	13.998	2022	2025	2029	rBV	251124	225392	6.60%	0.298%
91	14.304	2074	2077	2080	rBV	416764	363910	10.66%	0.481%
92	14.598	2124	2127	2131	rBV	589978	546618	16.01%	0.723%
93	14.839	2165	2168	2175	rVB	263490	409479	11.99%	0.541%
94	14.909	2176	2180	2184	rVB	606858	613734	17.97%	0.811%
95	15.121	2213	2216	2221	rVB	164219	189644	5.55%	0.251%
96	15.180	2222	2226	2231	rVV	204509	257450	7.54%	0.340%
97	15.233	2231	2235	2237	rVV	695450	849829	24.89%	1.123%
98	15.256	2237	2239	2249	rVB2	601726	703197	20.59%	0.929%
99	15.651	2302	2306	2311	rBV	371593	542770	15.90%	0.717%
100	16.109	2380	2384	2395	rVB	242198	396260	11.61%	0.524%

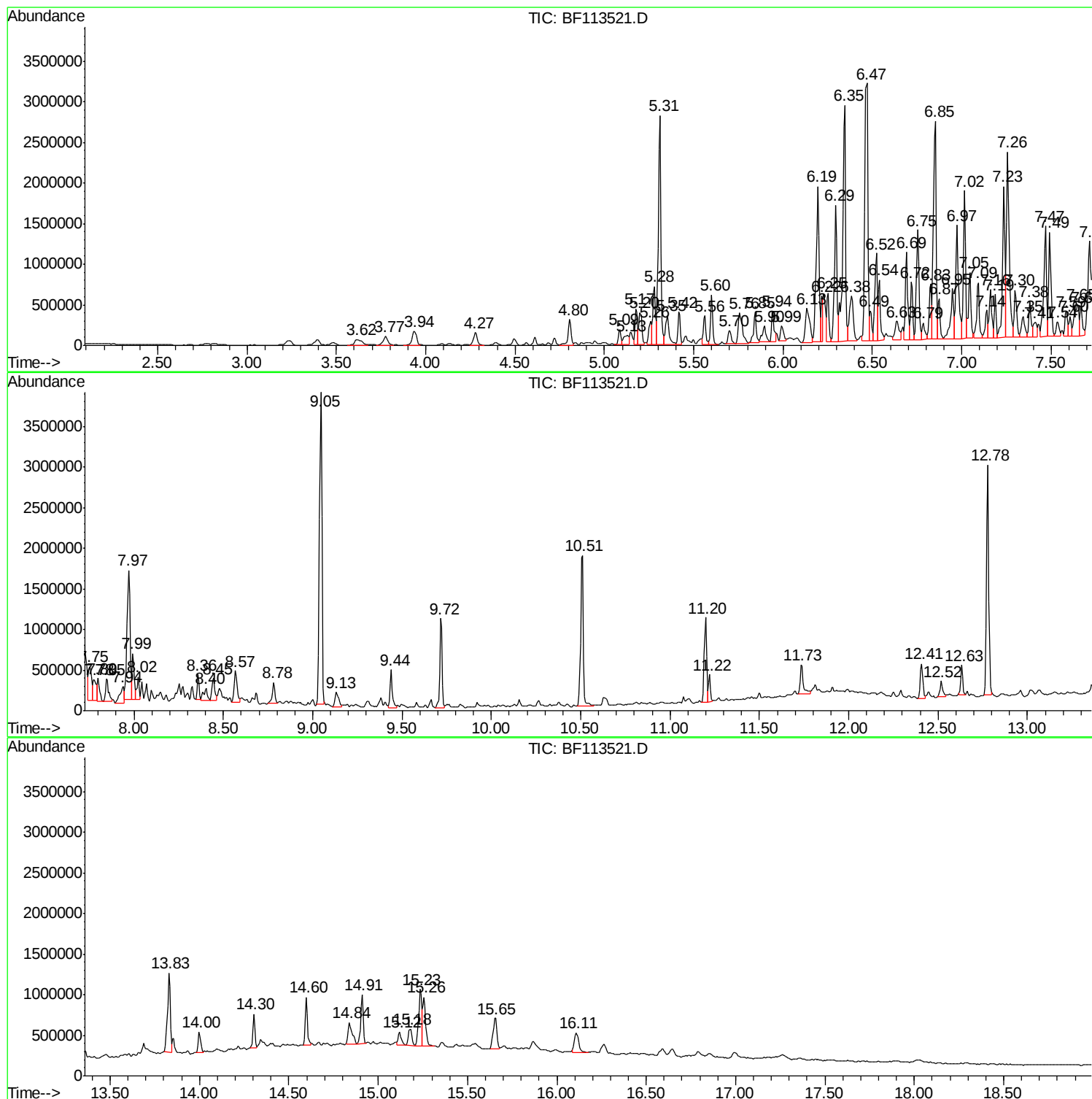
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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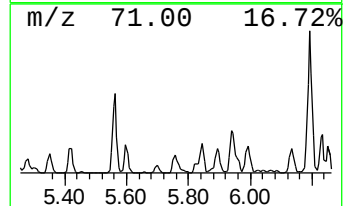
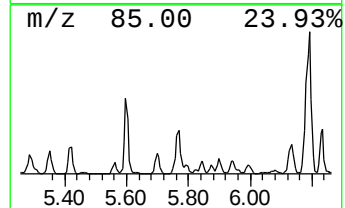
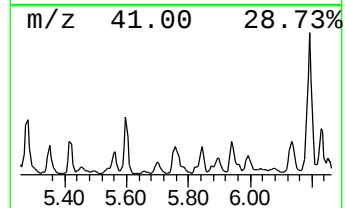
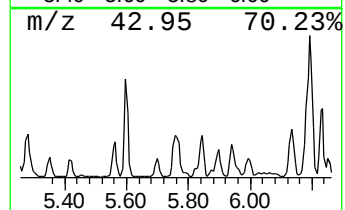
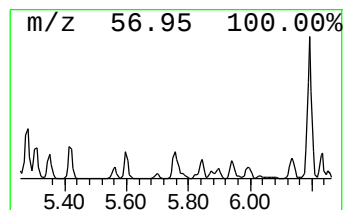
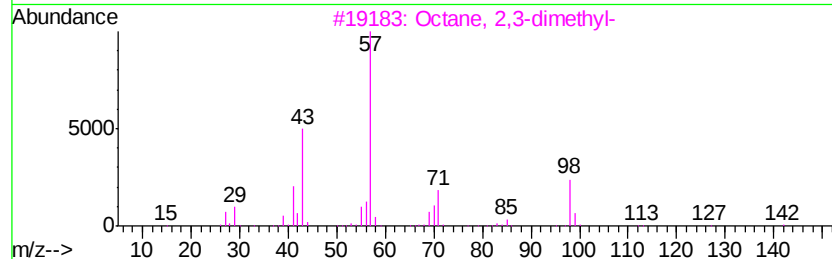
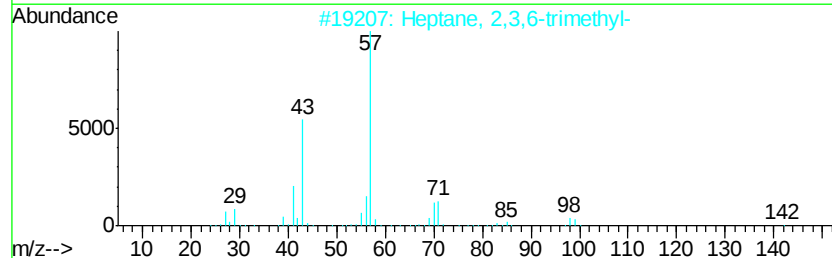
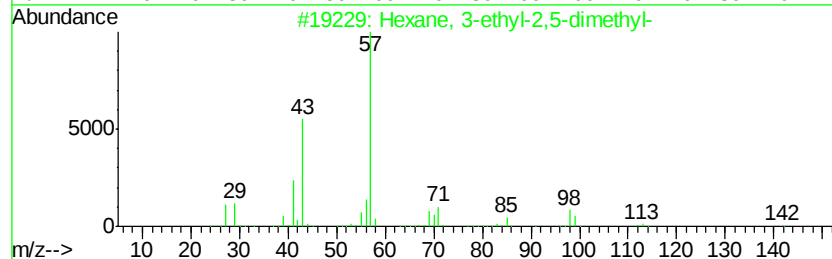
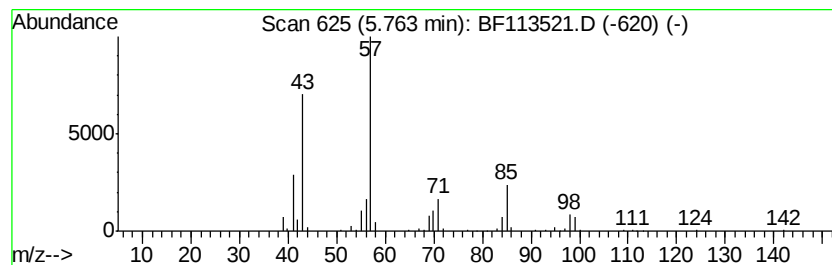
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexane, 3-ethyl-2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	12.04 ng	598589	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	81
2		Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	80
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	72
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
5		Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	64



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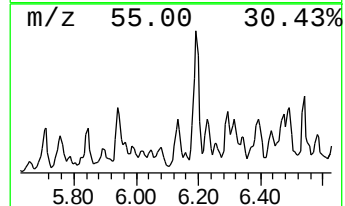
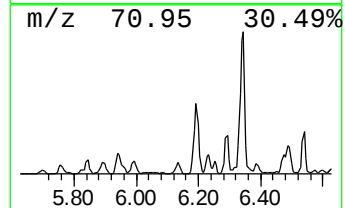
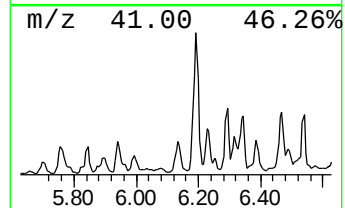
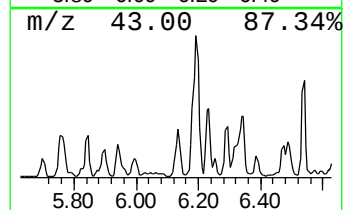
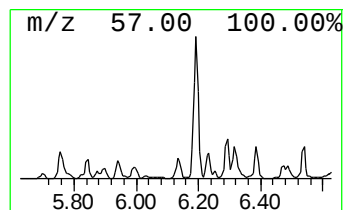
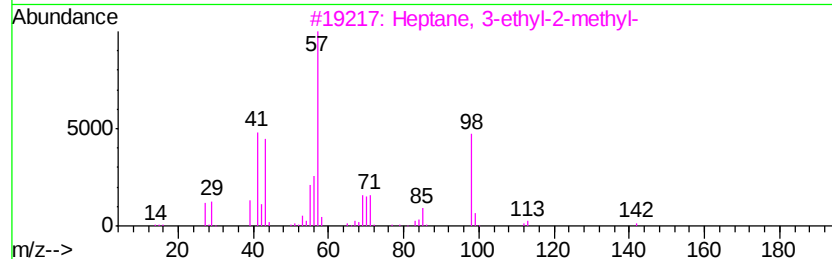
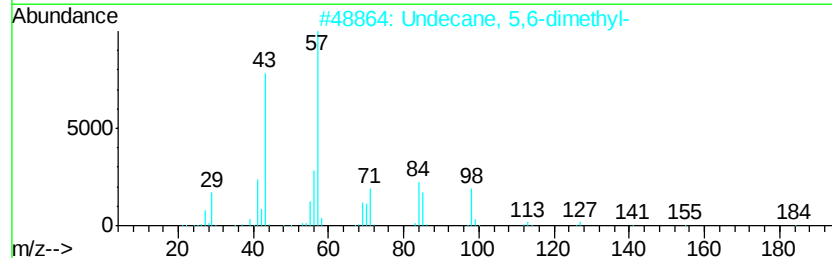
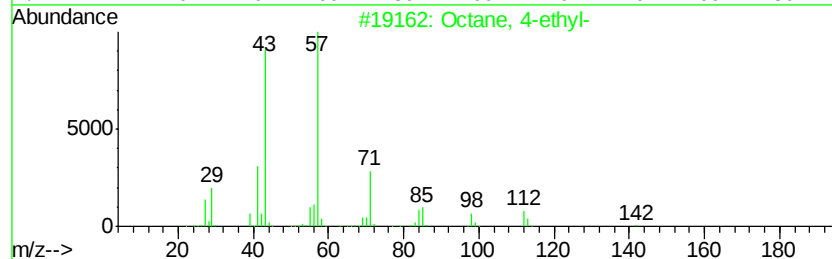
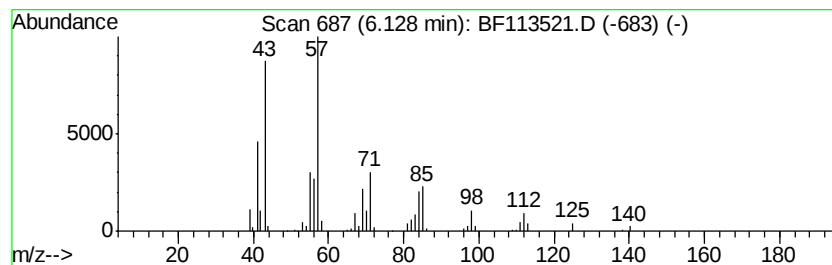
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octane, 4-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	13.68 ng	679744	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	74
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4		Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	50
5		Decane, 5-methyl-	156	C11H24	013151-35-4	50



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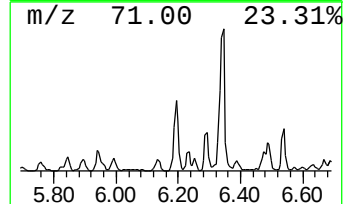
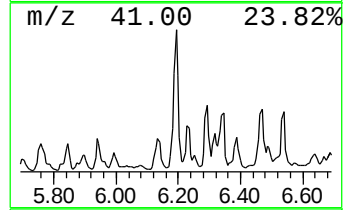
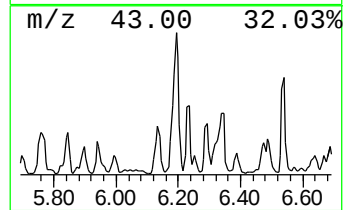
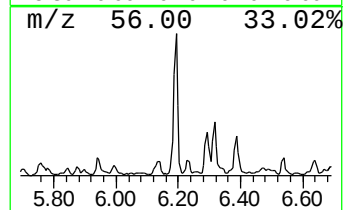
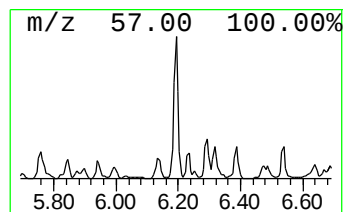
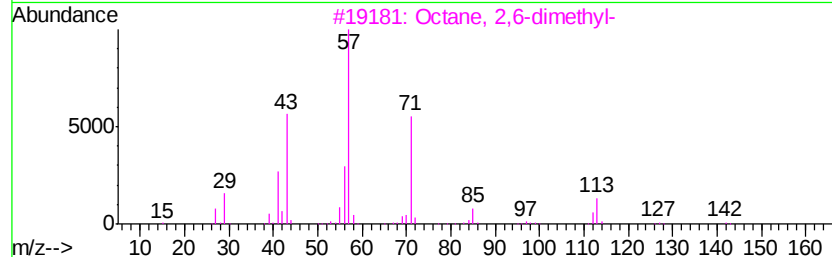
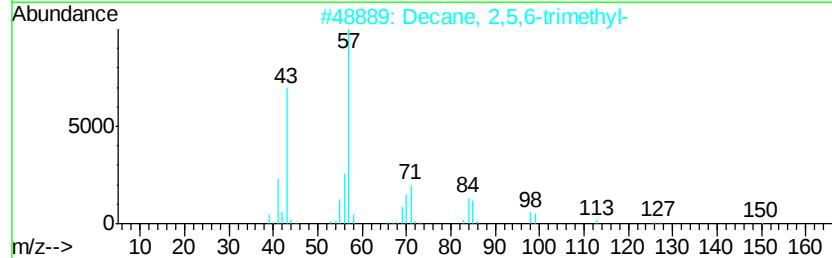
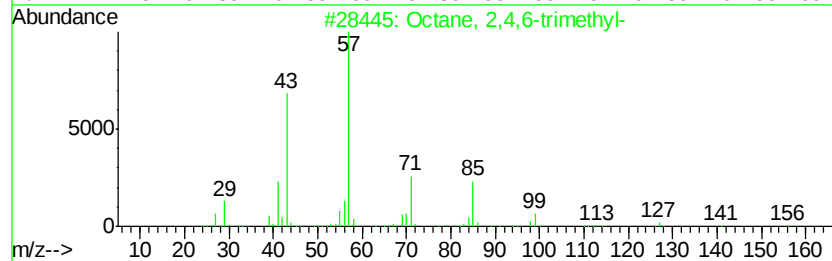
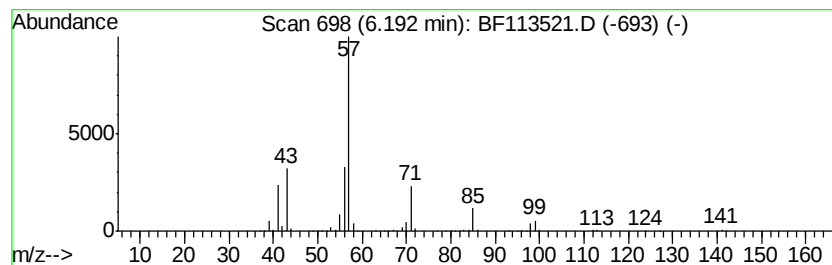
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 2,4,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	43.12 ng	2143140	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
4		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59
5		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
Operator : JU/SJ
Sample : K2180-19
Misc :
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Instrument :
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ClientSampleId :
TP-10

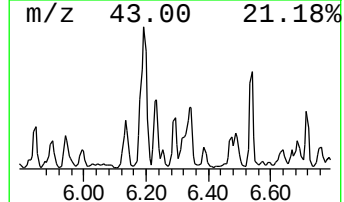
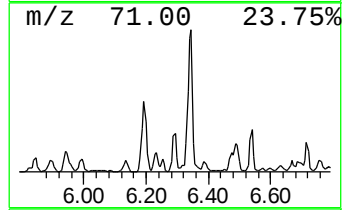
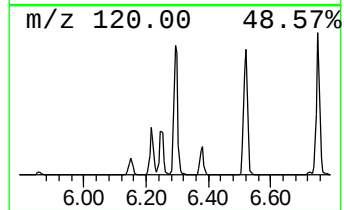
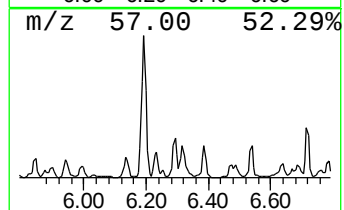
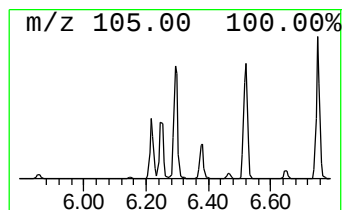
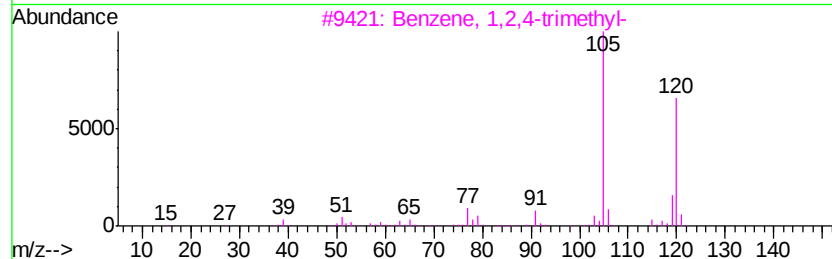
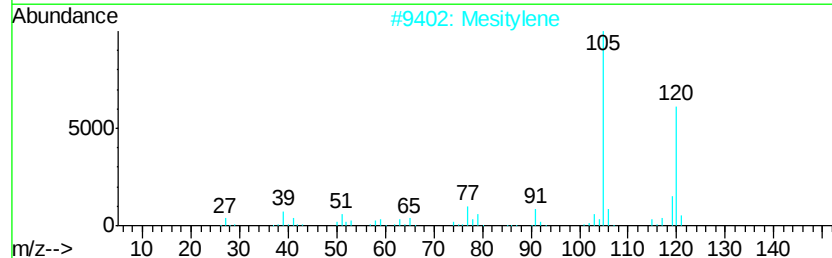
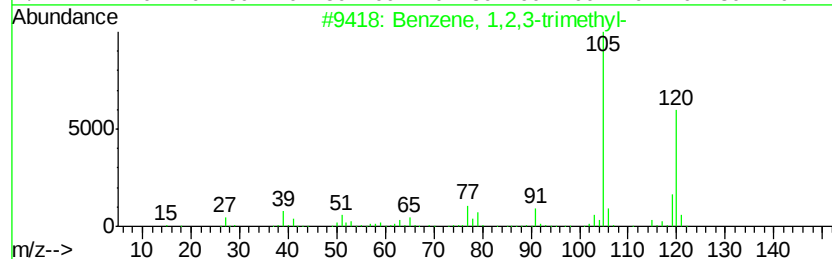
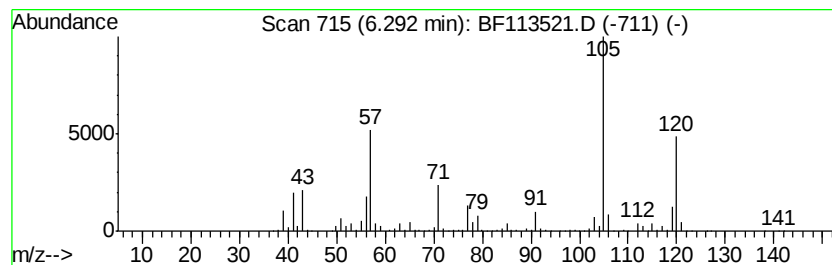
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	34.00 ng	1689940	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
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Sample : K2180-19
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Instrument :
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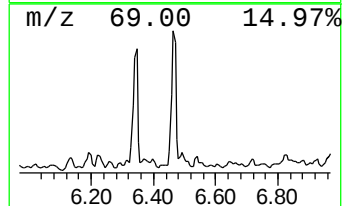
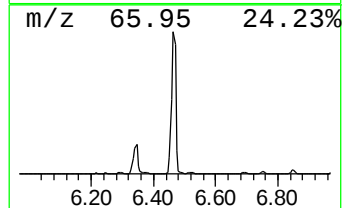
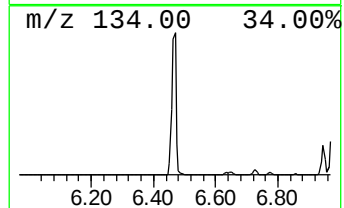
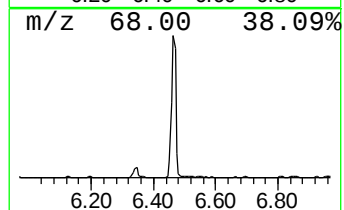
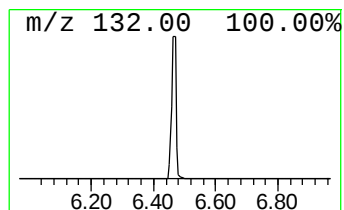
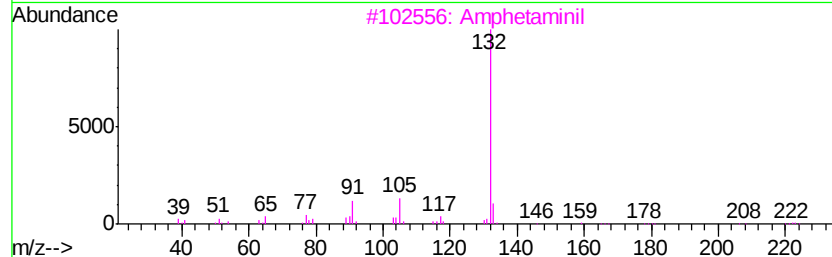
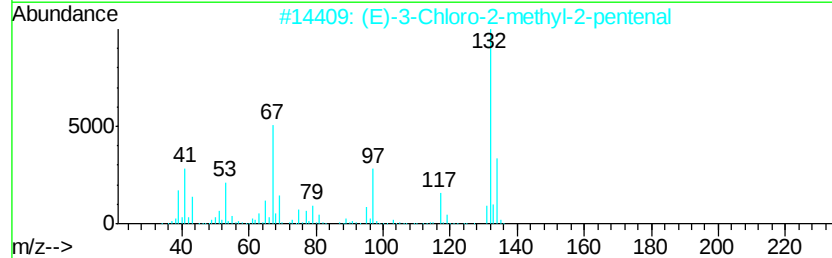
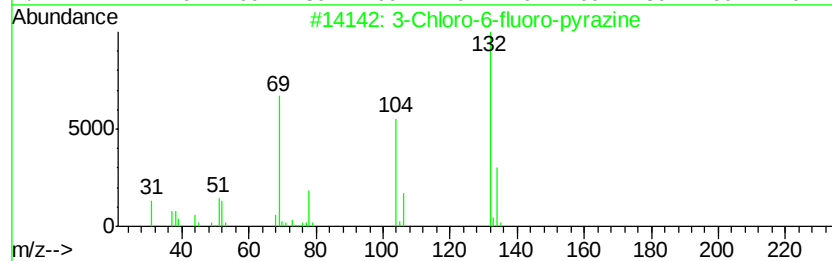
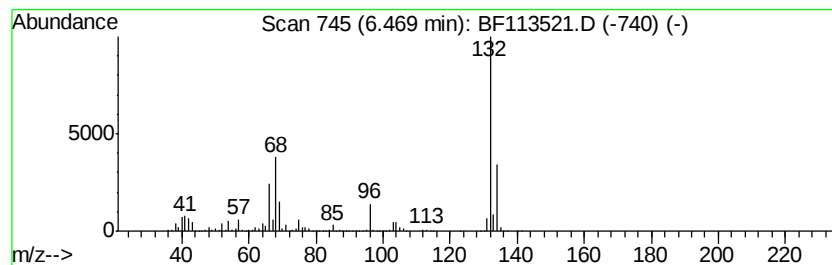
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	67.79 ng	3369080	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Amphetaminil	250	C17H18N2	017590-01-1	10
4		N-(3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
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Sample : K2180-19
Misc :
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ClientSampleId :
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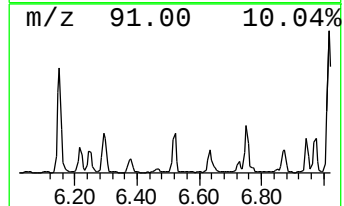
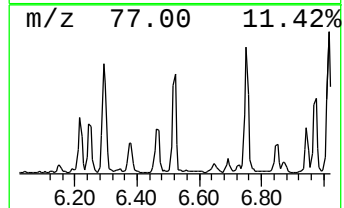
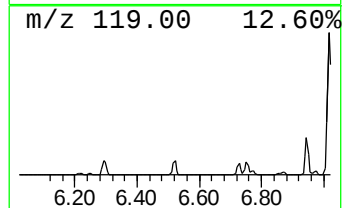
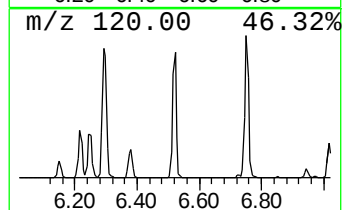
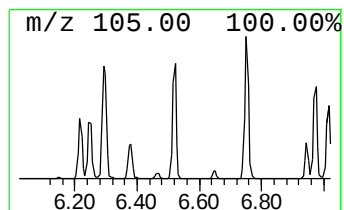
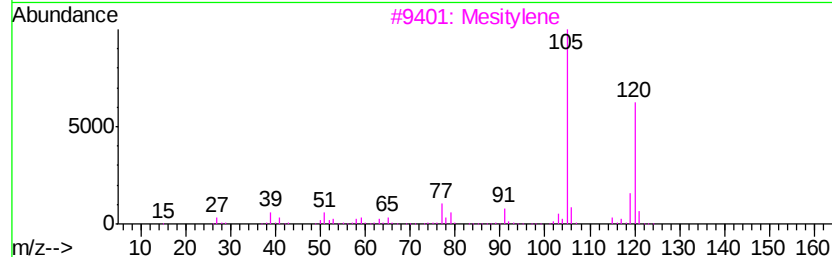
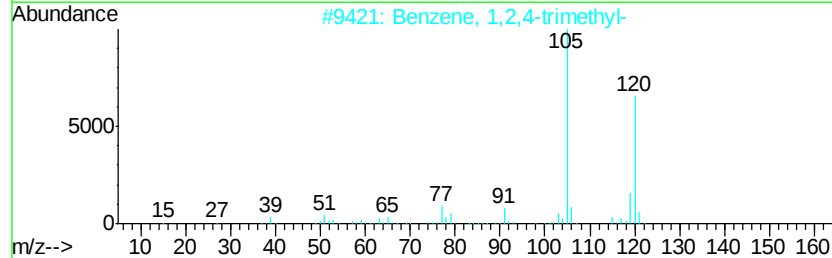
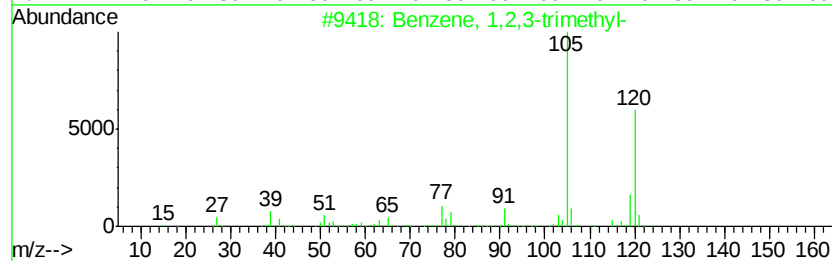
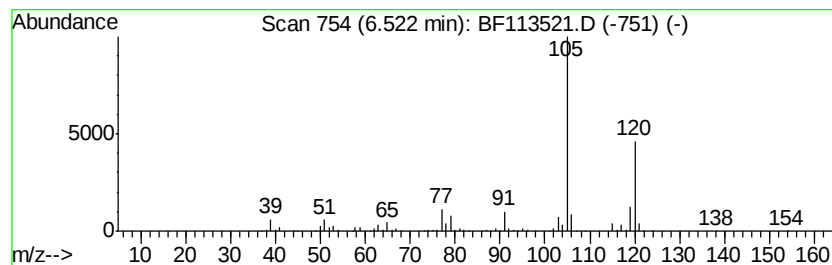
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	19.36 ng	962287	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
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Sample : K2180-19
Misc :
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Instrument :
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ClientSampleId :
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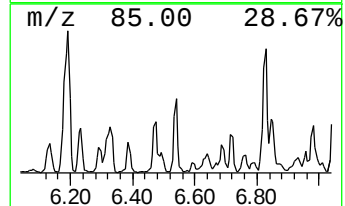
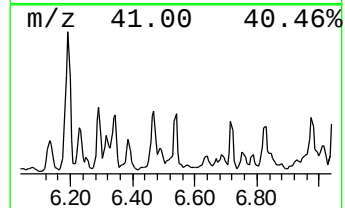
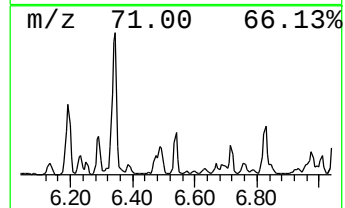
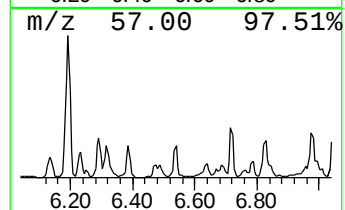
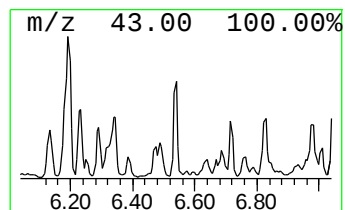
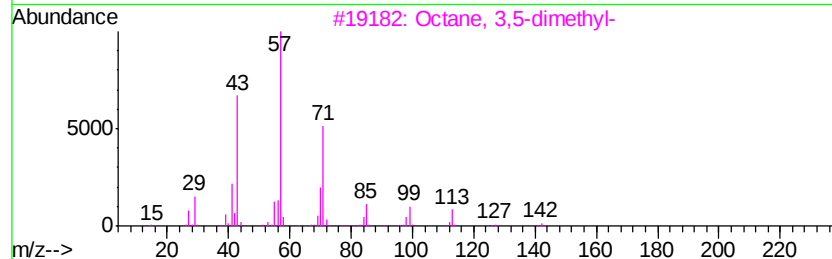
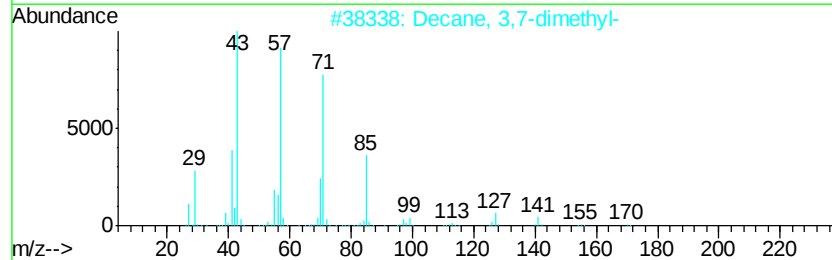
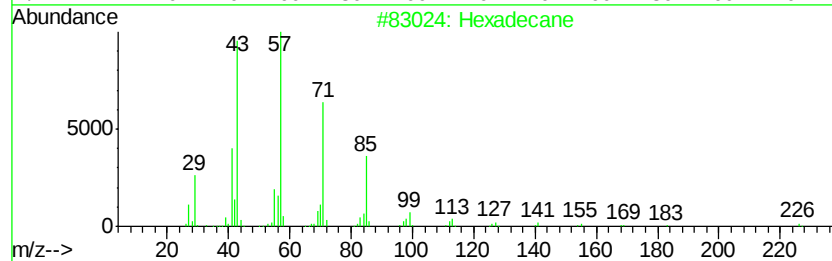
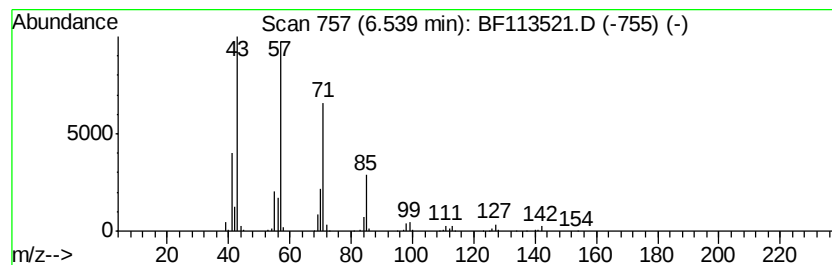
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	13.37 ng	664347	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	78
2		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	78
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
5		Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
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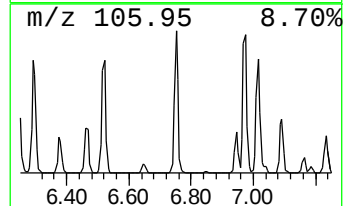
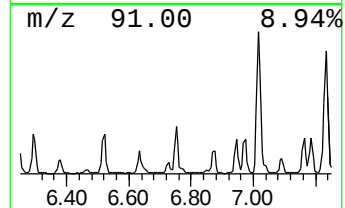
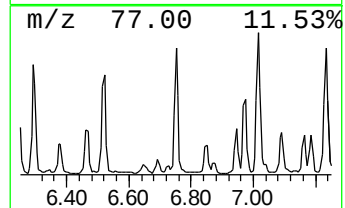
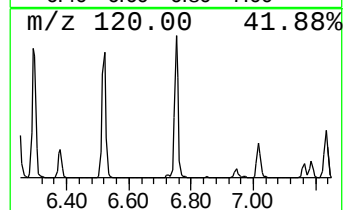
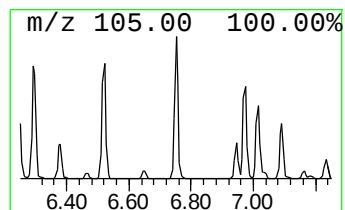
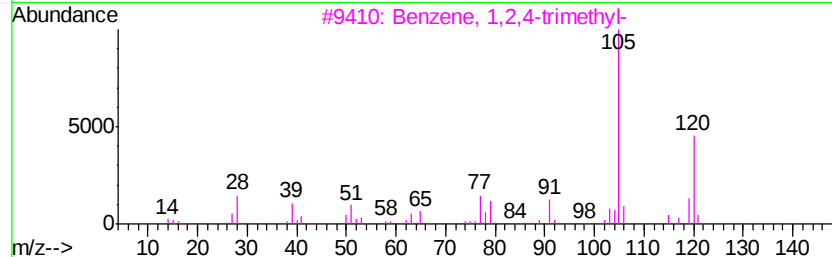
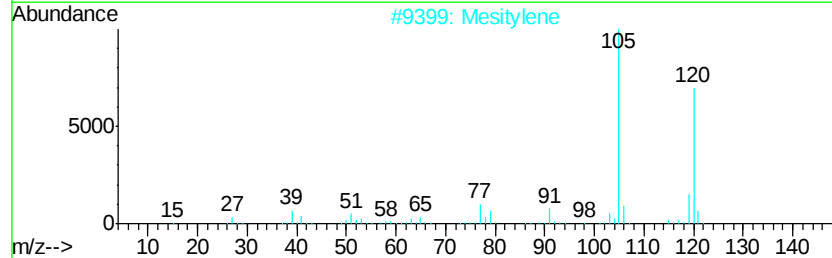
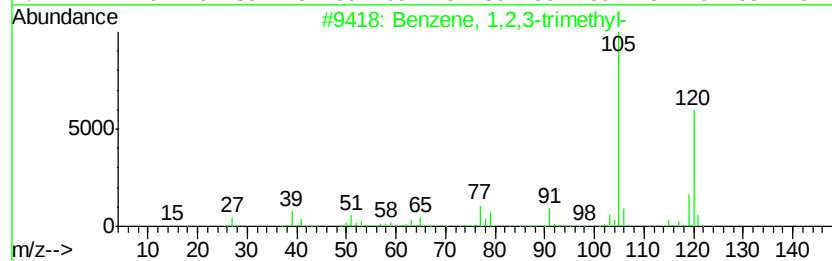
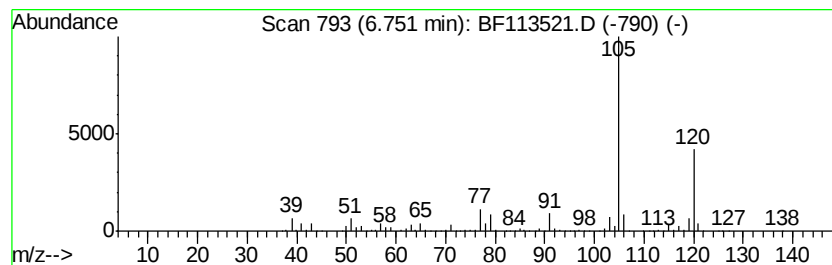
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	24.91 ng	1238100	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2		Mesitylene	120	C9H12	000108-67-8	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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Acq On : 2 Apr 2019 22:39
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Misc :
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ClientSampleId :
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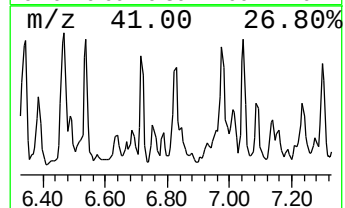
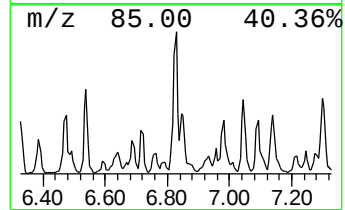
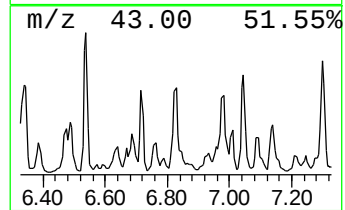
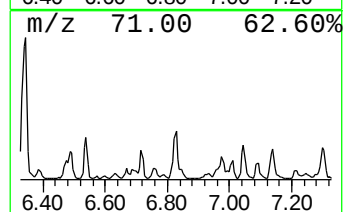
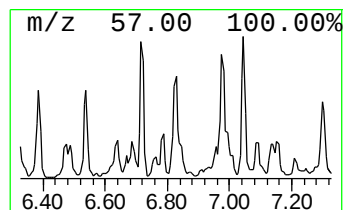
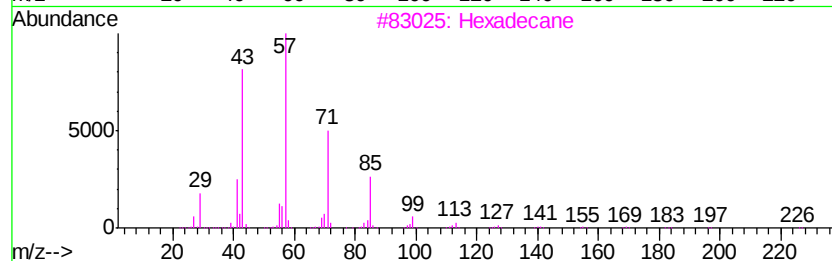
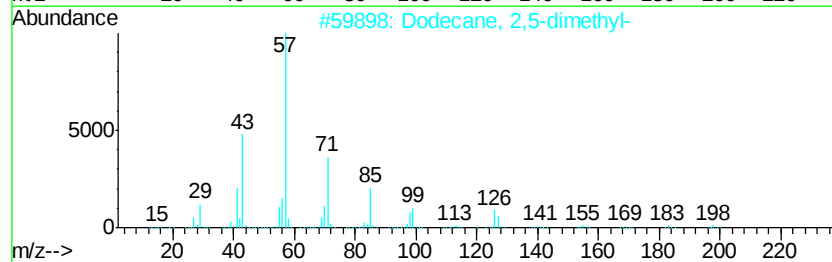
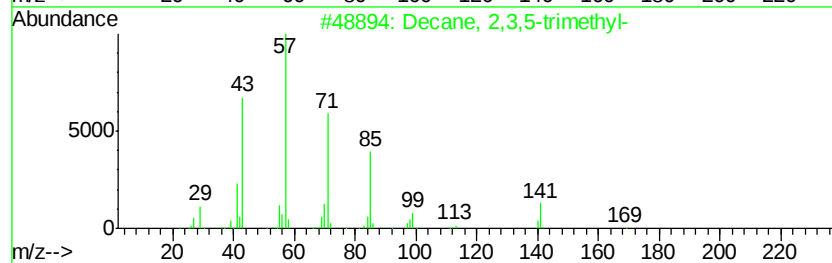
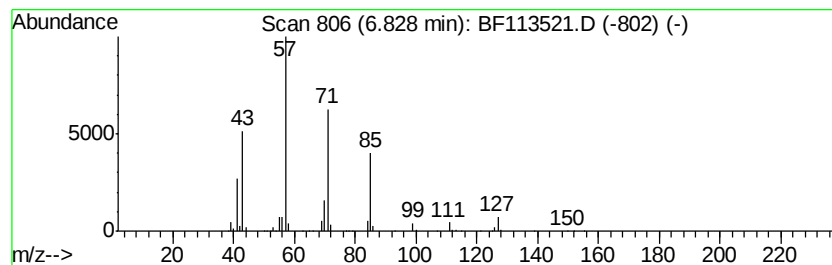
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	15.01 ng	746020	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
2		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	72
3		Hexadecane	226	C16H34	000544-76-3	72
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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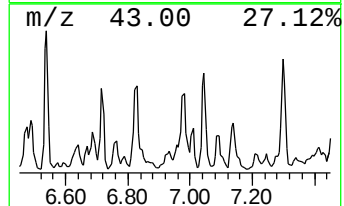
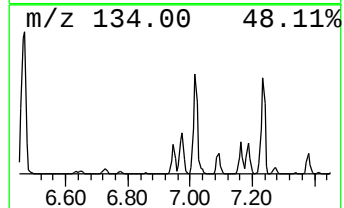
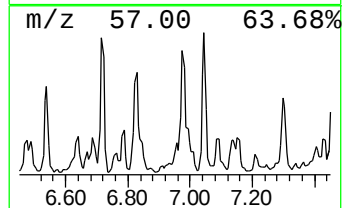
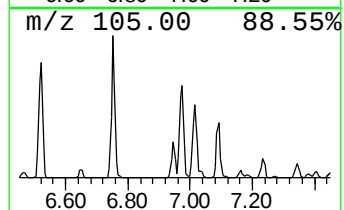
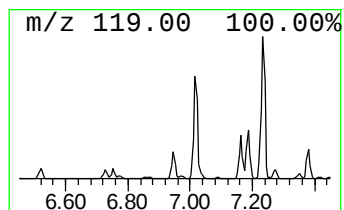
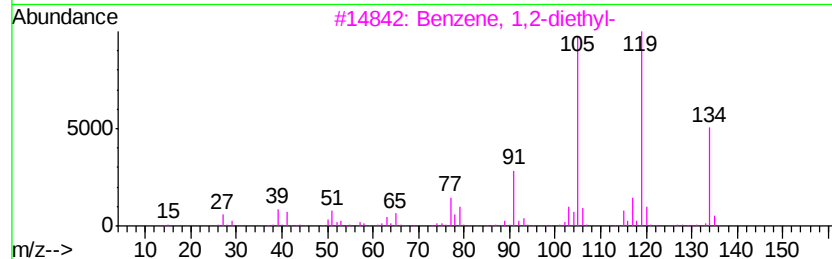
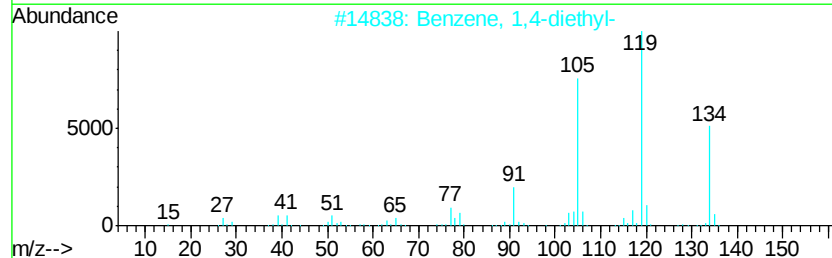
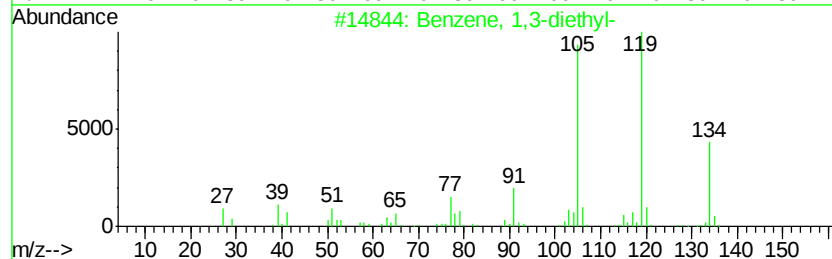
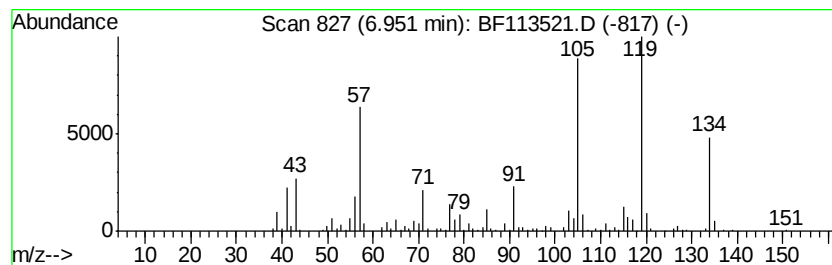
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	15.40 ng	765544	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
Operator : JU/SJ
Sample : K2180-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

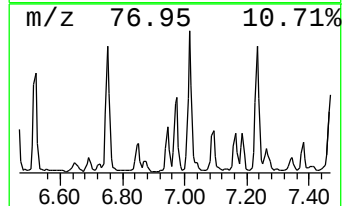
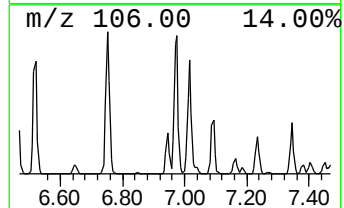
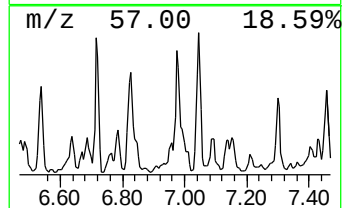
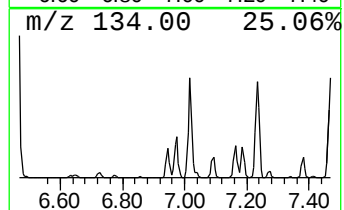
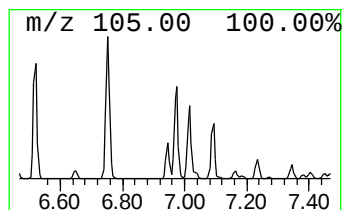
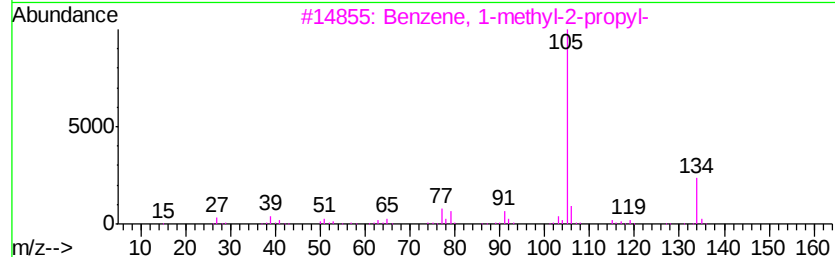
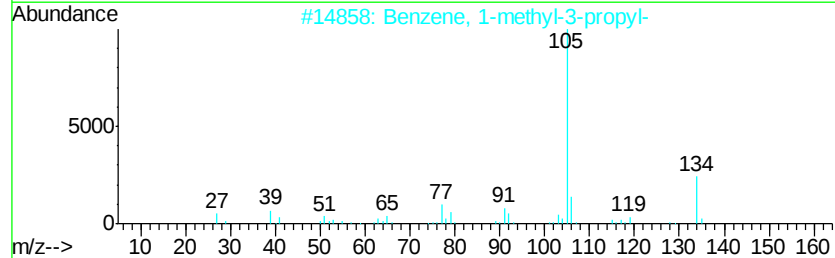
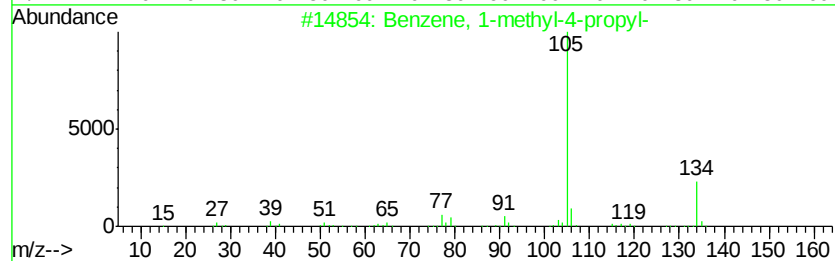
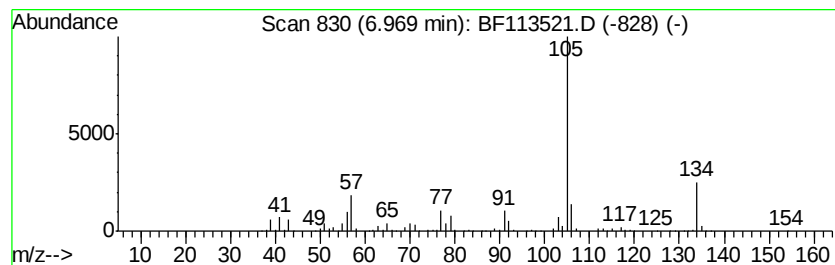
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	30.89 ng	1535180	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	64
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
5		2-Tolylloxirane	134	C9H10O	002783-26-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
Operator : JU/SJ
Sample : K2180-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

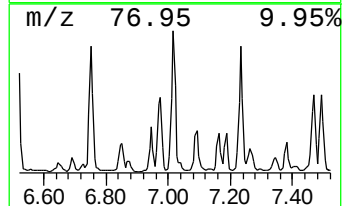
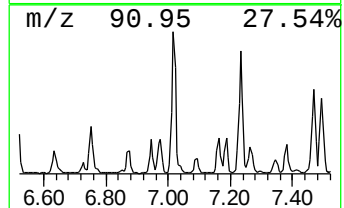
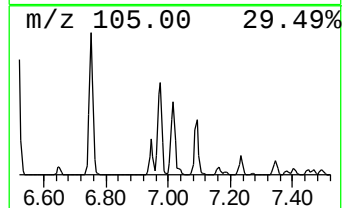
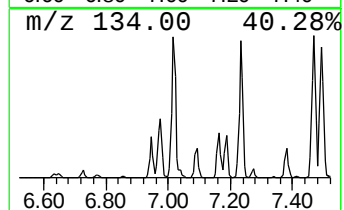
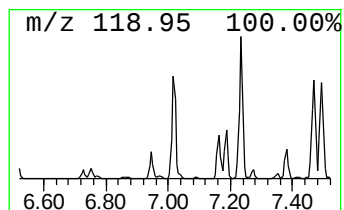
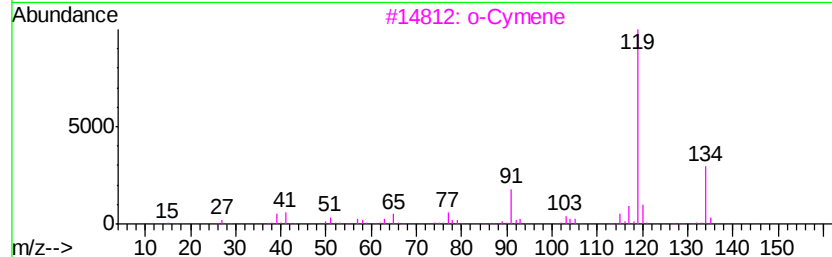
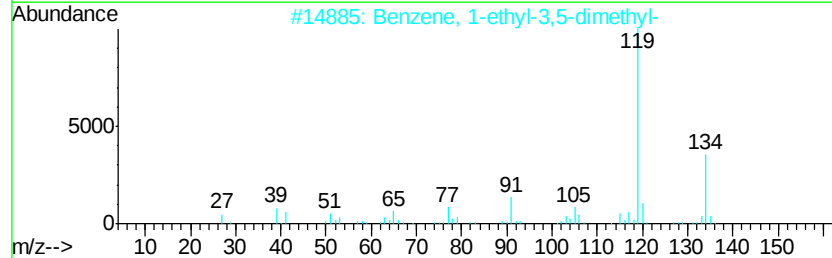
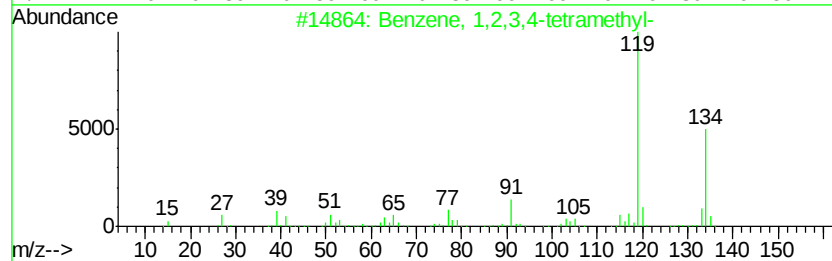
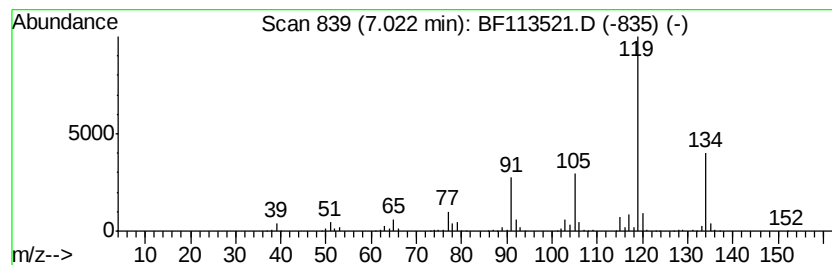
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	33.04 ng	1642100	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3		o-Cymene	134	C10H14	000527-84-4	93
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
Operator : JU/SJ
Sample : K2180-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

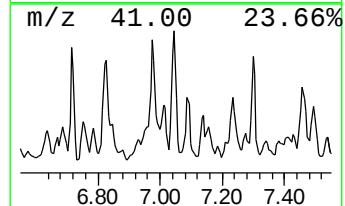
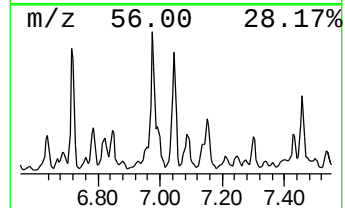
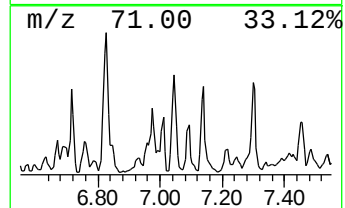
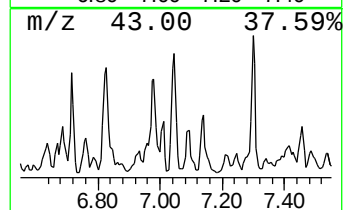
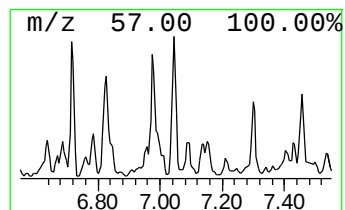
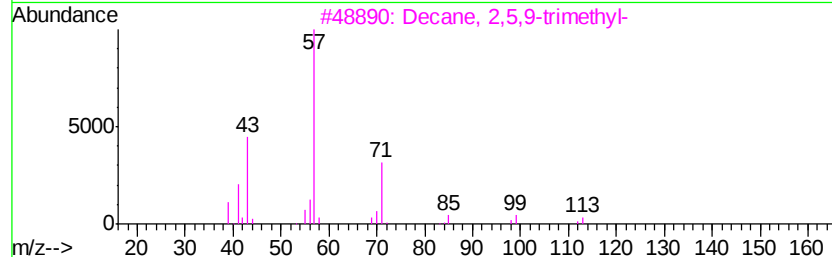
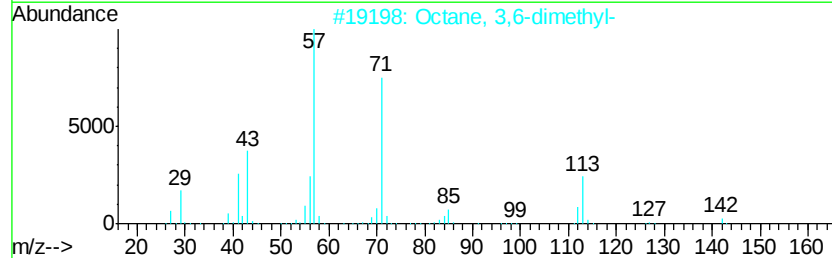
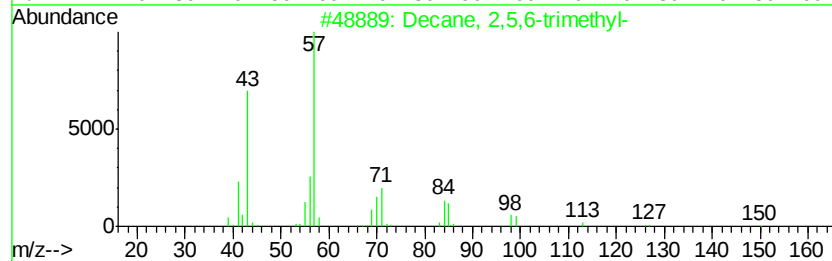
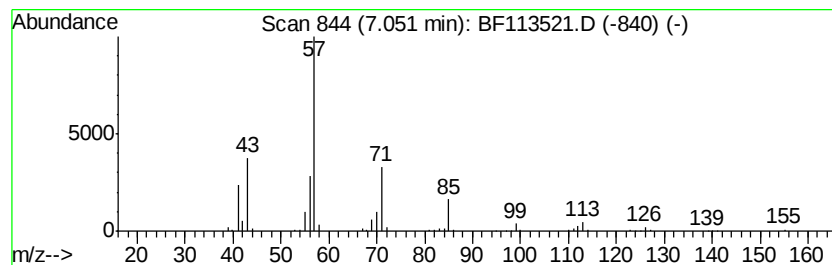
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Decane, 2,5,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	16.20 ng	805071	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
4		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	53
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
Operator : JU/SJ
Sample : K2180-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-10

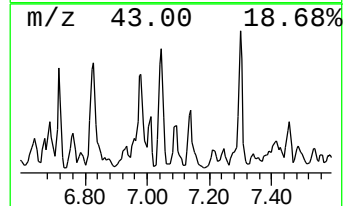
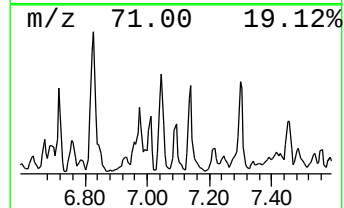
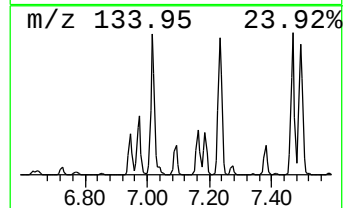
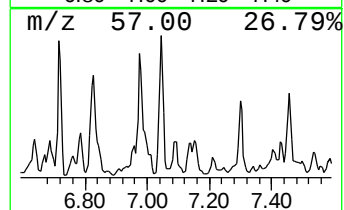
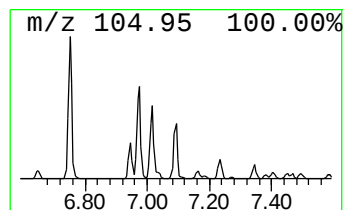
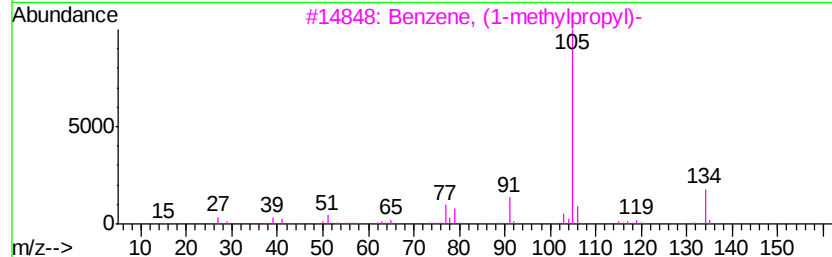
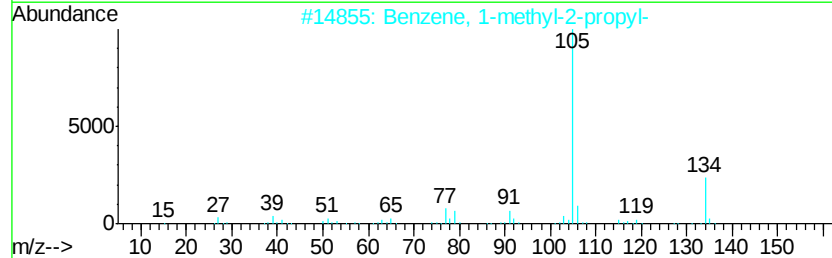
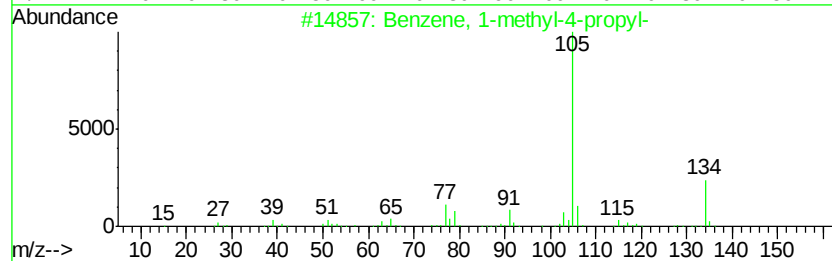
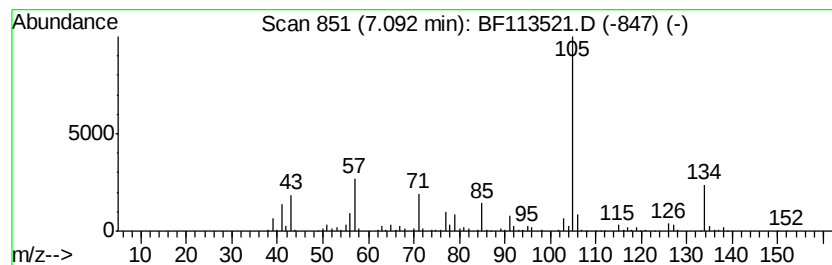
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1-methyl-2-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	14.47 ng	719123	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
4		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	43
5		2-Tolyloxirane	134	C9H10O	002783-26-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
Operator : JU/SJ
Sample : K2180-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

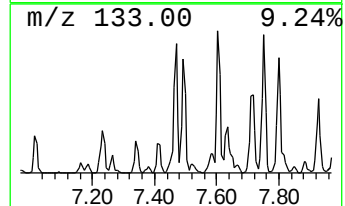
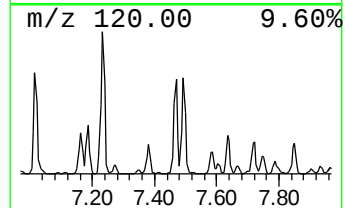
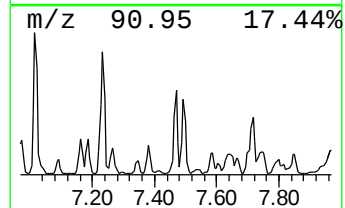
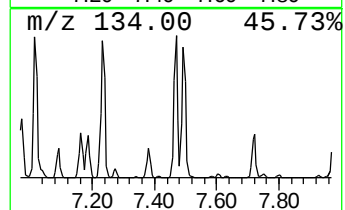
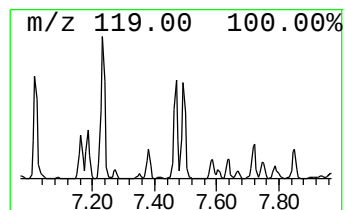
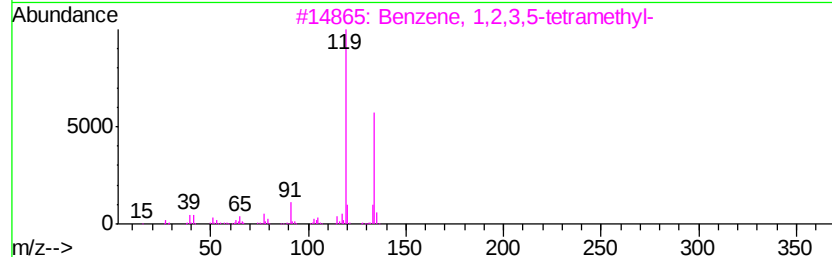
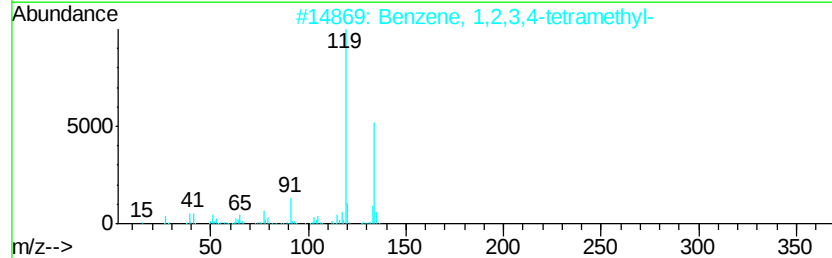
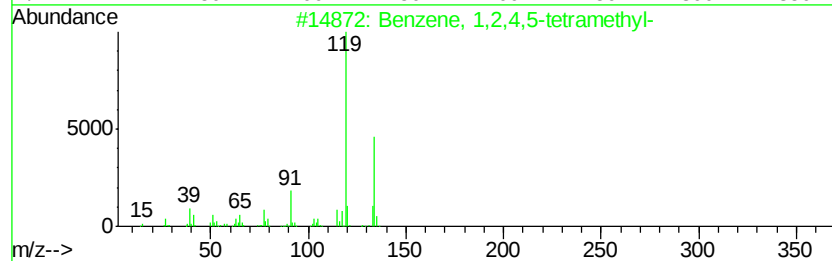
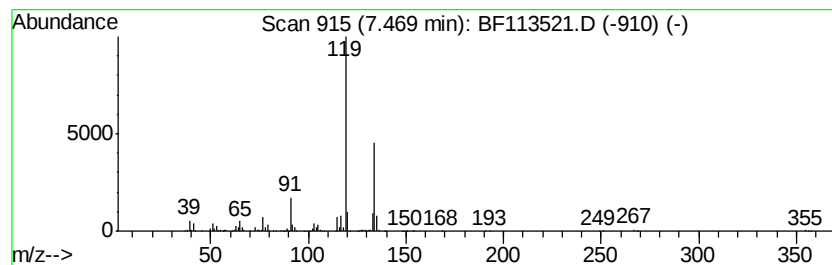
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	17.32 ng	1531780	Naphthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
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Sample : K2180-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

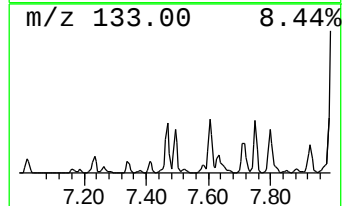
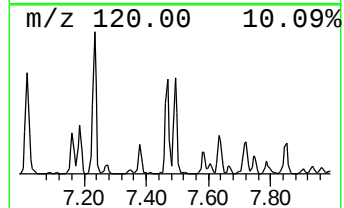
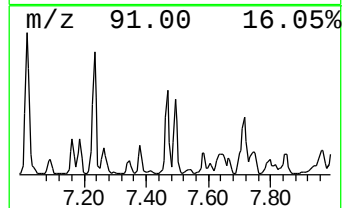
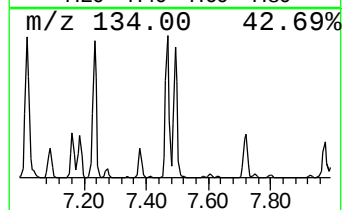
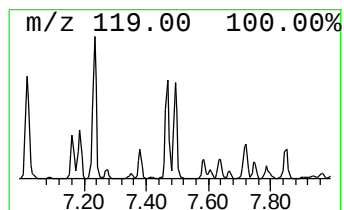
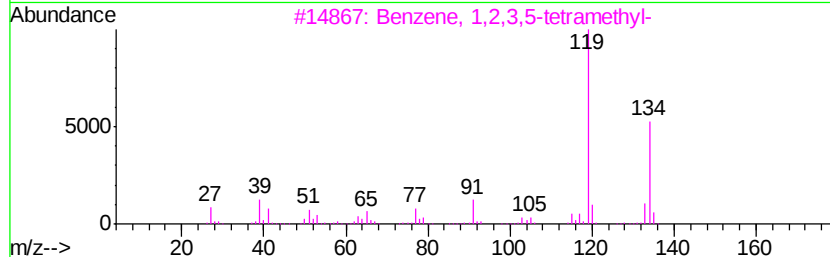
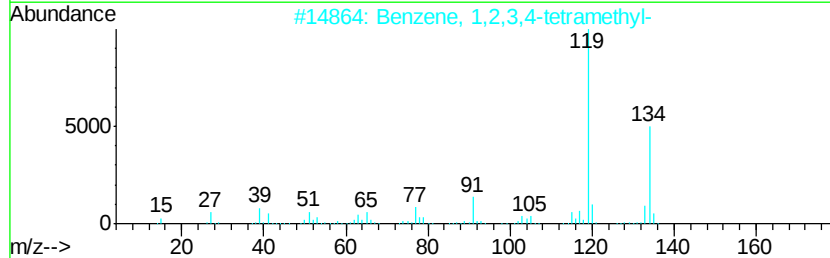
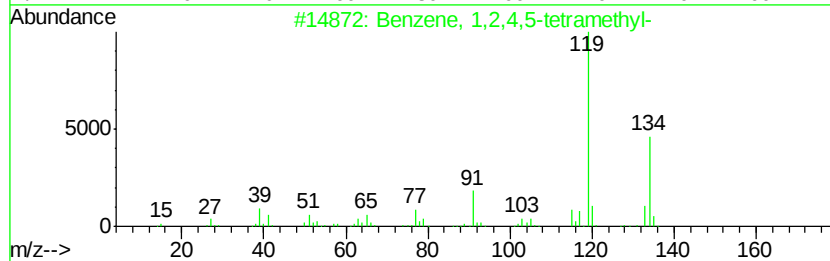
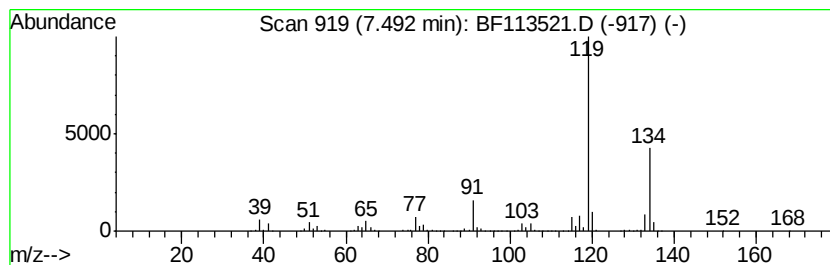
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	12.52 ng	1107730	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
Operator : JU/SJ
Sample : K2180-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

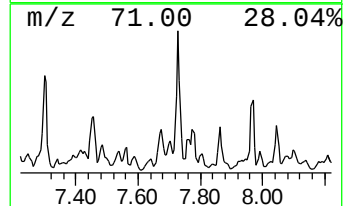
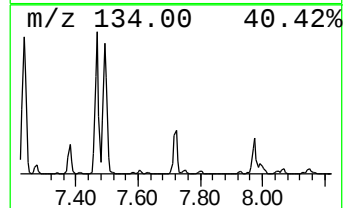
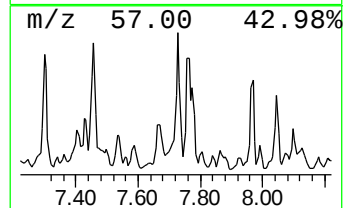
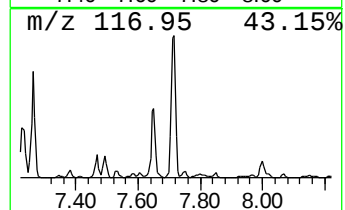
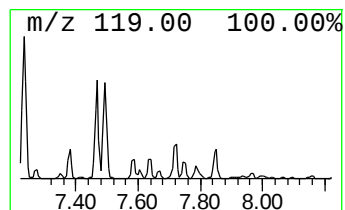
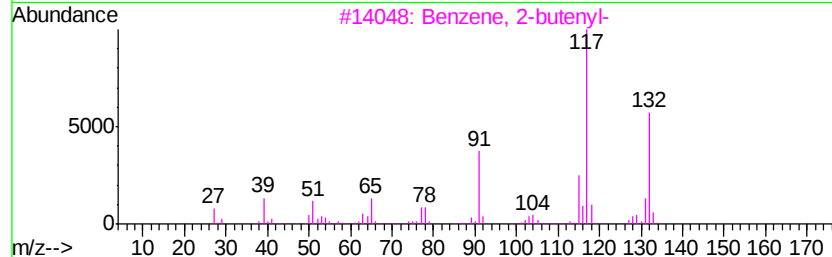
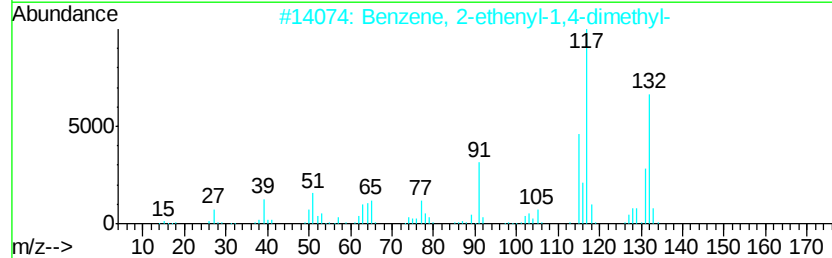
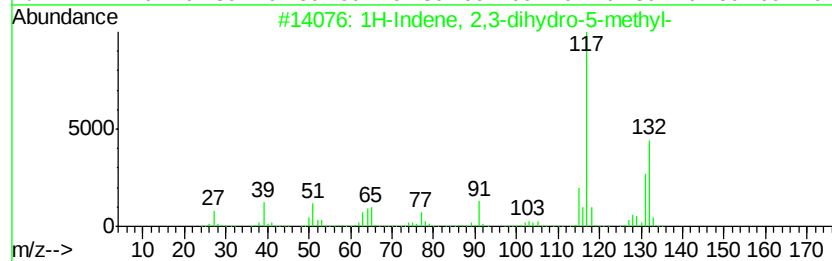
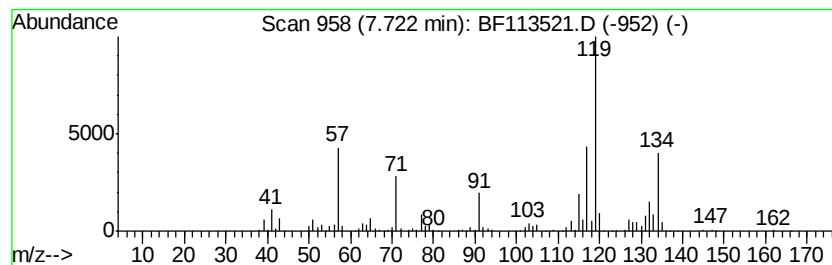
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	20.90 ng	1848710	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113521.D
Acq On : 2 Apr 2019 22:39
Operator : JU/SJ
Sample : K2180-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

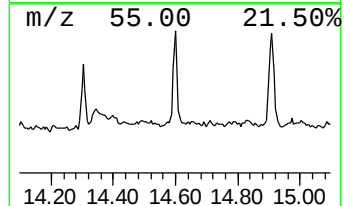
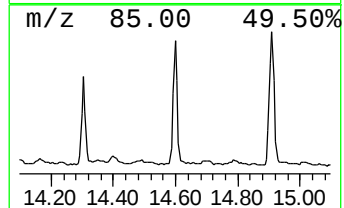
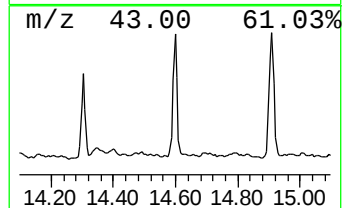
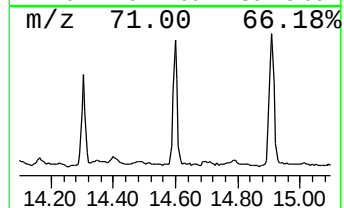
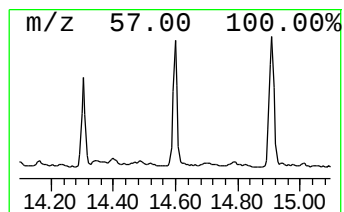
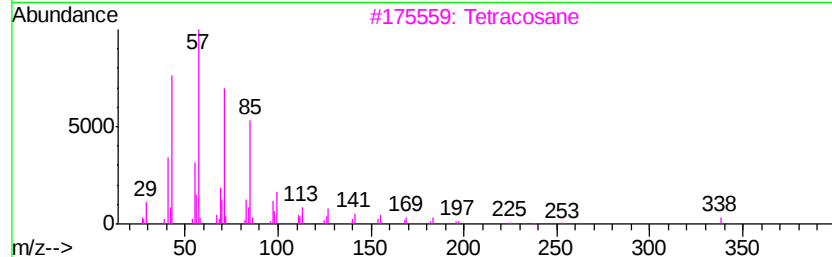
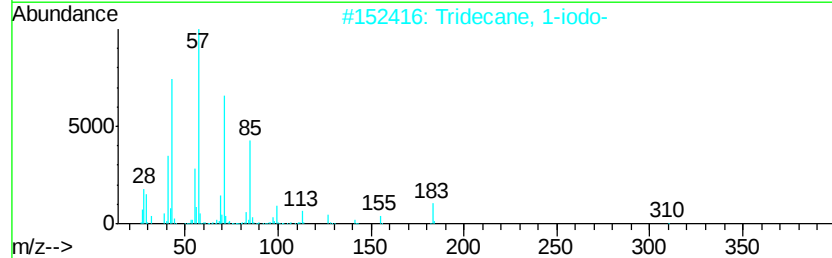
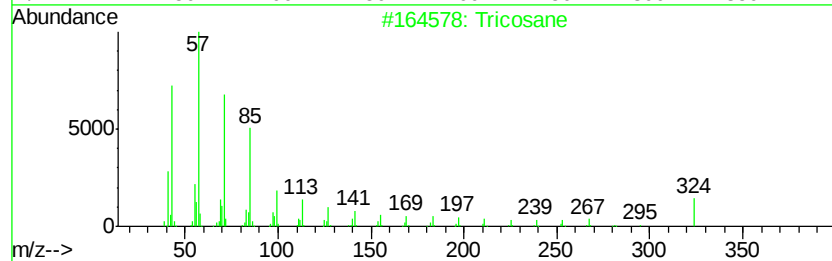
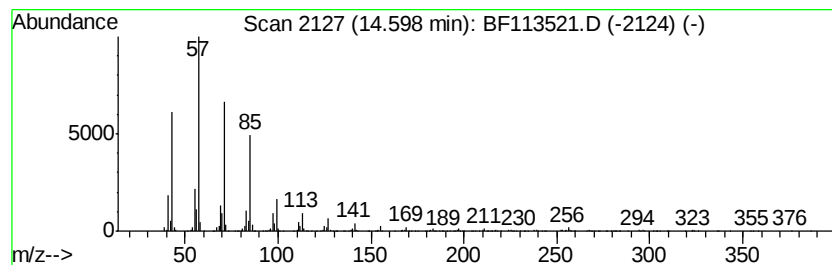
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tricosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	12.86 ng	546618	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113521.D
 Acq On : 2 Apr 2019 22:39
 Operator : JU/SJ
 Sample : K2180-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 TP-10

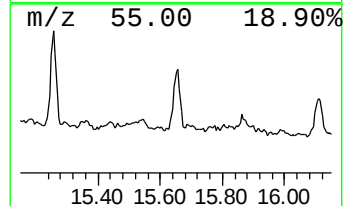
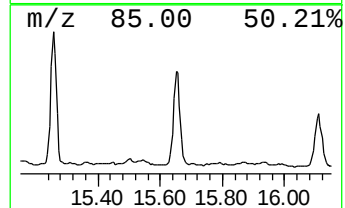
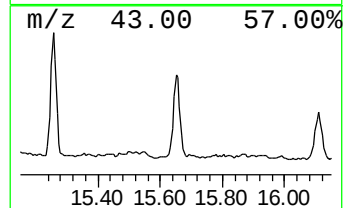
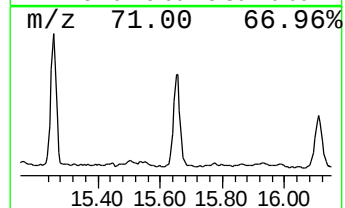
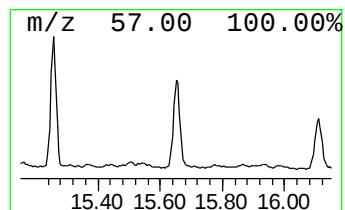
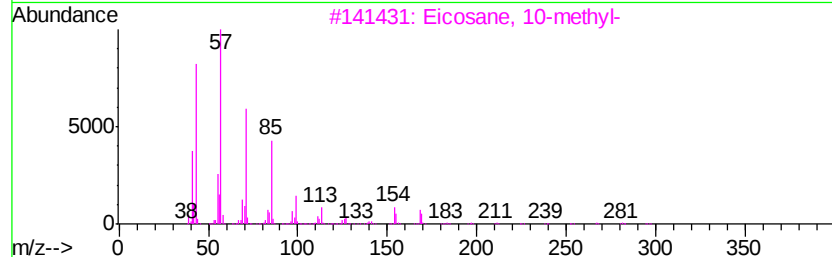
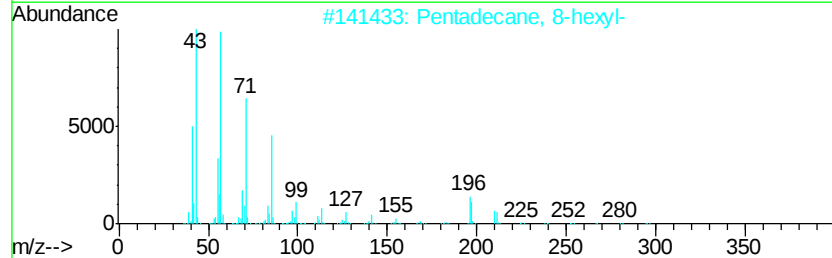
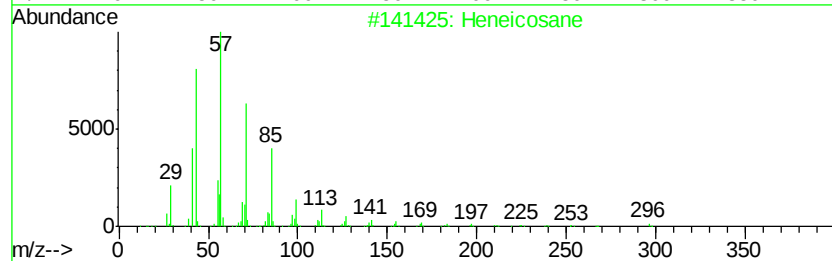
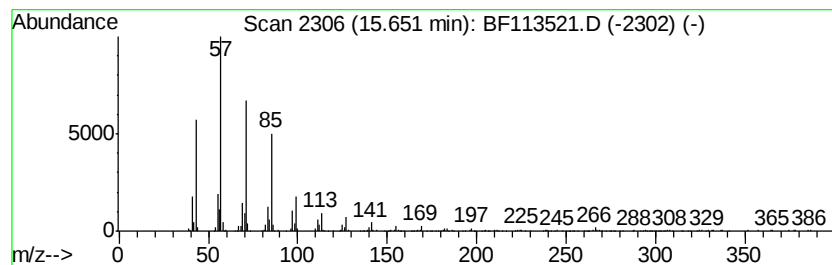
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 20 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	12.77 ng	542770	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113521.D
 Acq On : 2 Apr 2019 22:39
 Operator : JU/SJ
 Sample : K2180-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
Hexane, 3-ethyl-2...	5.76	12.0	ng	598589	1	6.69	994049	20.0
Octane, 4-ethyl-	6.13	13.7	ng	679744	1	6.69	994049	20.0
Octane, 2,4,6-tri...	6.19	43.1	ng	2143140	1	6.69	994049	20.0
Benzene, 1,2,3-tr...	6.29	34.0	ng	1689940	1	6.69	994049	20.0
unknown6.47	6.47	67.8	ng	3369080	1	6.69	994049	20.0
Benzene, 1-ethyl-...	6.52	19.4	ng	962287	1	6.69	994049	20.0
Hexadecane	6.54	13.4	ng	664347	1	6.69	994049	20.0
Mesitylene	6.75	24.9	ng	1238100	1	6.69	994049	20.0
Decane, 2,3,5-tri...	6.83	15.0	ng	746020	1	6.69	994049	20.0
Benzene, 1,3-diet...	6.95	15.4	ng	765544	1	6.69	994049	20.0
Benzene, 1-methyl...	6.97	30.9	ng	1535180	1	6.69	994049	20.0
Benzene, 1,2,3,4-...	7.02	33.0	ng	1642100	1	6.69	994049	20.0
Decane, 2,5,6-tri...	7.05	16.2	ng	805071	1	6.69	994049	20.0
Benzene, 1-methyl...	7.09	14.5	ng	719123	1	6.69	994049	20.0
Benzene, 1,2,4,5-...	7.47	17.3	ng	1531780	2	7.97	1769310	20.0
Benzene, 1-ethyl-...	7.49	12.5	ng	1107730	2	7.97	1769310	20.0
1H-Indene, 2,3-di...	7.72	20.9	ng	1848710	2	7.97	1769310	20.0
Tricosane	14.60	12.9	ng	546618	6	15.23	849829	20.0
Heneicosane	15.65	12.8	ng	542770	6	15.23	849829	20.0