

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089246.D
 Acq On : 23 Jul 2016 21:54
 Operator : UM/SJ
 Sample : H4129-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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	1.713	10	11	44	rVB	734987	1533939	29.98%	1.474%
2	4.604	262	264	267	rVV	92243	110092	2.15%	0.106%
3	4.901	288	290	292	rBV	66808	101512	1.98%	0.098%
4	5.153	311	312	315	rBV	802614	1120382	21.90%	1.077%
5	5.382	330	332	337	rVB2	64843	107261	2.10%	0.103%
6	5.564	343	348	350	rBV2	87449	152434	2.98%	0.147%
7	5.633	350	354	358	rBV3	54676	157398	3.08%	0.151%
8	5.713	358	361	363	rVB3	137949	256096	5.01%	0.246%
9	5.770	363	366	368	rBV2	83234	131700	2.57%	0.127%
10	5.816	368	370	373	rVB3	431000	616694	12.05%	0.593%
11	5.873	373	375	377	rBV	235924	282539	5.52%	0.272%
12	5.919	377	379	383	rVB4	66674	155377	3.04%	0.149%
13	6.022	383	388	390	rBV5	160940	374509	7.32%	0.360%
14	6.079	390	393	396	rBV2	317073	571891	11.18%	0.550%
15	6.182	400	402	403	rBV	72911	113962	2.23%	0.110%
16	6.239	404	407	409	rBV	1181915	1476686	28.86%	1.419%
17	6.273	409	410	412	rVB2	133950	113214	2.21%	0.109%
18	6.319	412	414	415	rBV	254334	378928	7.41%	0.364%
19	6.353	415	417	422	rVB	1181465	1729696	33.81%	1.663%
20	6.433	422	424	426	rBV3	137740	204753	4.00%	0.197%
21	6.536	430	433	434	rBV3	197133	352517	6.89%	0.339%
22	6.582	435	437	438	rBV	309327	273354	5.34%	0.263%
23	6.616	438	440	441	rVB	610397	671038	13.12%	0.645%
24	6.650	441	443	445	rBV2	155742	291250	5.69%	0.280%
25	6.742	447	451	455	rVB4	1236497	2506289	48.99%	2.409%
26	6.845	455	460	462	rBV3	416669	1093597	21.38%	1.051%
27	6.913	464	466	467	rBV2	195230	172493	3.37%	0.166%
28	6.970	469	471	473	rVB	307132	402358	7.86%	0.387%
29	7.005	473	474	478	rVB3	209003	316411	6.18%	0.304%
30	7.153	478	487	492	rBV3	1021135	3848657	75.22%	3.699%
31	7.245	492	495	497	rVB2	507122	883591	17.27%	0.849%
32	7.313	497	501	503	rBV3	528842	1228670	24.02%	1.181%
33	7.359	503	505	507	rVV3	373606	748430	14.63%	0.719%
34	7.393	507	508	511	rVB2	1040851	966537	18.89%	0.929%

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35	7.450	511	513	515	rBV2	295524	456242	8.92%	0.439%
36	7.507	515	518	520	rBV2	857518	1780527	34.80%	1.711%
37	7.542	520	521	522	rVV	344986	344894	6.74%	0.331%
38	7.576	522	524	525	rVV2	246037	360044	7.04%	0.346%
39	7.622	525	528	529	rVV2	811902	1190744	23.27%	1.144%
40	7.656	529	531	533	rVB3	363042	542196	10.60%	0.521%
41	7.702	533	535	537	rBV3	444506	753115	14.72%	0.724%
42	7.839	544	547	548	rBV2	435400	868841	16.98%	0.835%
43	7.873	548	550	551	rVV2	988347	1407148	27.50%	1.352%
44	7.919	551	554	556	rVV3	551163	1323907	25.88%	1.272%
45	7.965	556	558	561	rVV2	1577856	2099176	41.03%	2.018%
46	8.010	561	562	563	rVB	451793	309930	6.06%	0.298%
47	8.056	563	566	567	rBV3	368354	743228	14.53%	0.714%
48	8.090	567	569	571	rVB2	713288	809521	15.82%	0.778%
49	8.170	571	576	578	rBV5	880027	2233936	43.66%	2.147%
50	8.216	578	580	581	rBV	282194	332861	6.51%	0.320%
51	8.262	581	584	587	rVB4	398353	1022590	19.99%	0.983%
52	8.330	587	590	593	rBV2	2203096	3755187	73.40%	3.609%
53	8.422	596	598	602	rBV4	391791	805483	15.74%	0.774%
54	8.536	606	608	610	rVV3	473240	909568	17.78%	0.874%
55	8.582	610	612	614	rVB2	1023699	1848136	36.12%	1.776%
56	8.696	614	622	624	rBV3	1687768	5116203	100.00%	4.917%
57	8.799	629	631	633	rVB	609557	579785	11.33%	0.557%
58	8.868	635	637	638	rBV	500941	543167	10.62%	0.522%
59	8.925	638	642	644	rBV3	2000444	3775818	73.80%	3.629%
60	8.959	644	645	647	rVB	1192772	823038	16.09%	0.791%
61	9.050	650	653	654	rBV2	528433	811238	15.86%	0.780%
62	9.108	656	658	659	rBV	489825	525473	10.27%	0.505%
63	9.222	666	668	671	rBV2	1469183	2984566	58.34%	2.869%
64	9.302	672	675	676	rVV	1866200	3065663	59.92%	2.947%
65	9.382	680	682	683	rVV2	2043578	2460511	48.09%	2.365%
66	9.416	683	685	688	rVB2	759512	1270722	24.84%	1.221%
67	9.496	690	692	695	rBV4	619562	1196155	23.38%	1.150%
68	9.542	695	696	698	rVB2	696179	700877	13.70%	0.674%
69	9.622	701	703	705	rBV3	866526	1614472	31.56%	1.552%
70	9.748	711	714	716	rBV3	1030668	1859245	36.34%	1.787%
71	9.839	719	722	724	rVV3	1313632	2510081	49.06%	2.413%

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72	9.885	724	726	727	rVV	1029751	1125256	21.99%	1.082%
73	9.953	730	732	733	rBV	1031068	1241026	24.26%	1.193%
74	10.033	737	739	743	rVB3	929040	1908254	37.30%	1.834%
75	10.125	745	747	750	rVV4	608038	1075625	21.02%	1.034%
76	10.171	750	751	752	rVV	542065	542935	10.61%	0.522%
77	10.205	752	754	755	rVV	635243	861196	16.83%	0.828%
78	10.239	755	757	758	rVV	647678	733499	14.34%	0.705%
79	10.308	760	763	764	rVV	2050498	2486735	48.61%	2.390%
80	10.331	764	765	768	rVB3	496592	962471	18.81%	0.925%
81	10.411	770	772	774	rVB3	643833	978926	19.13%	0.941%
82	10.456	774	776	779	rVB3	482520	747976	14.62%	0.719%
83	10.571	782	786	788	rVV2	1890398	3288807	64.28%	3.161%
84	10.616	788	790	791	rVB	447489	356843	6.97%	0.343%
85	10.754	800	802	803	rBV2	539842	525261	10.27%	0.505%
86	11.028	824	826	829	rVB	1898253	2674639	52.28%	2.571%
87	11.131	834	835	838	rVB2	520713	556584	10.88%	0.535%
88	11.371	855	856	859	rVB	656693	688083	13.45%	0.661%
89	11.428	859	861	863	rBV2	320085	554739	10.84%	0.533%
90	11.519	867	869	872	rVB2	339733	506606	9.90%	0.487%
91	11.611	874	877	878	rBV3	290504	504976	9.87%	0.485%
92	11.714	884	886	887	rBV2	283925	461781	9.03%	0.444%
93	11.794	891	893	894	rVB	229796	235383	4.60%	0.226%
94	11.828	894	896	899	rVB3	213847	361707	7.07%	0.348%
95	12.091	917	919	922	rVB2	365114	554435	10.84%	0.533%
96	12.148	922	924	925	rBV	334522	391383	7.65%	0.376%
97	12.674	968	970	977	rVB	1469635	1787771	34.94%	1.718%
98	13.588	1048	1050	1058	rVB	44392	112963	2.21%	0.109%
99	13.702	1058	1060	1067	rVB	337076	402465	7.87%	0.387%
100	15.040	1175	1177	1181	rBV	163833	234804	4.59%	0.226%

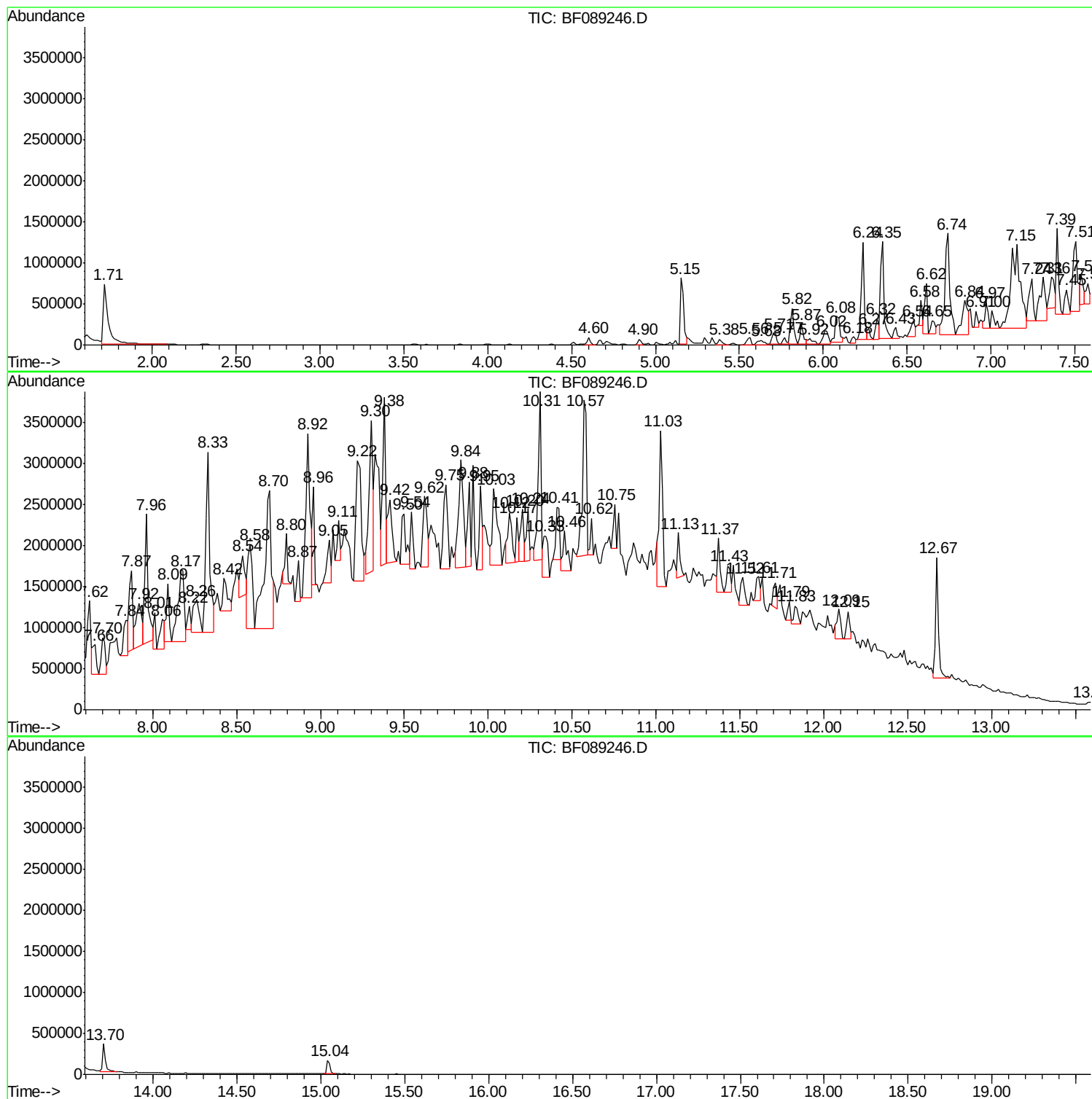
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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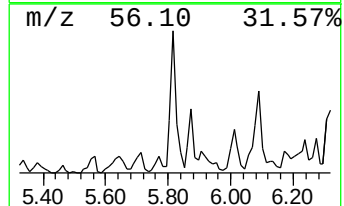
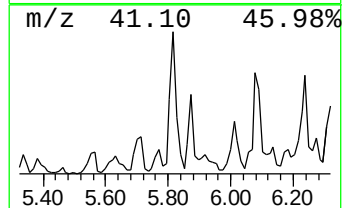
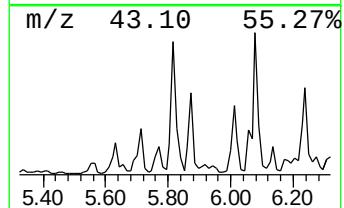
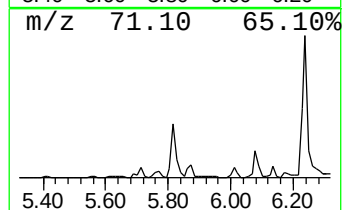
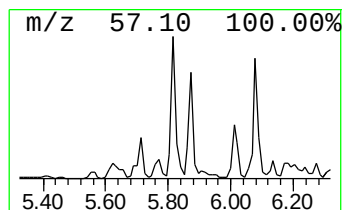
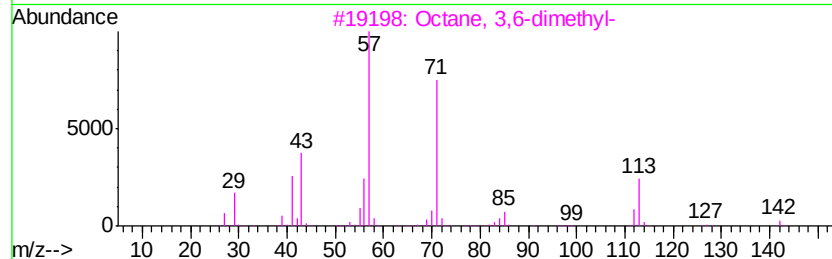
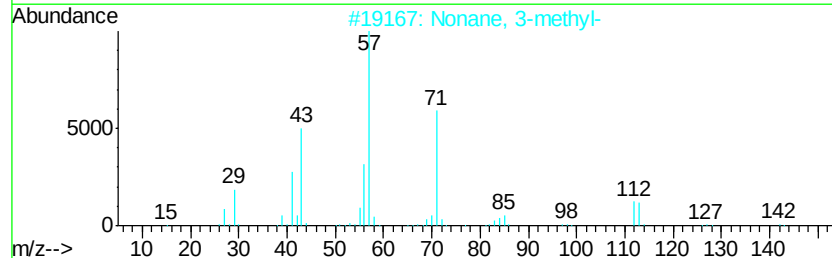
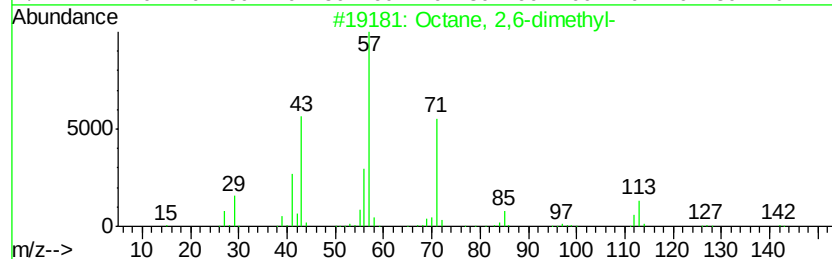
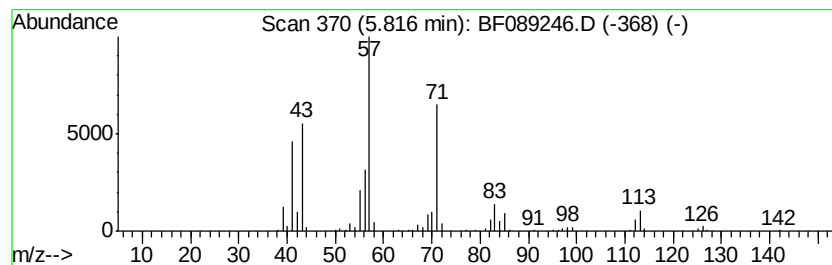
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	45.12 ng	616694	1,4-Dichlorobenzene-d4	6.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87	
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	87	
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78	
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	64	
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50	



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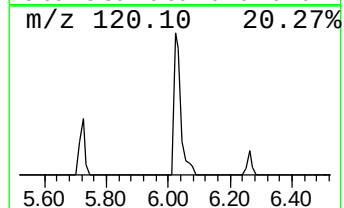
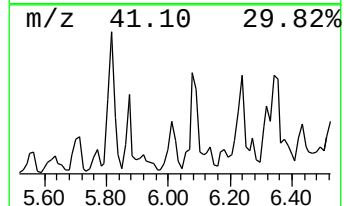
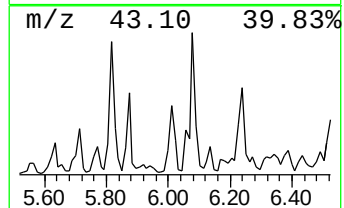
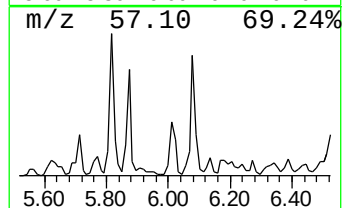
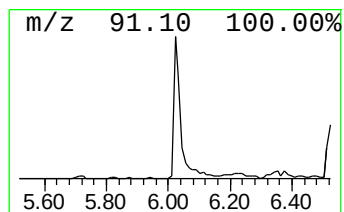
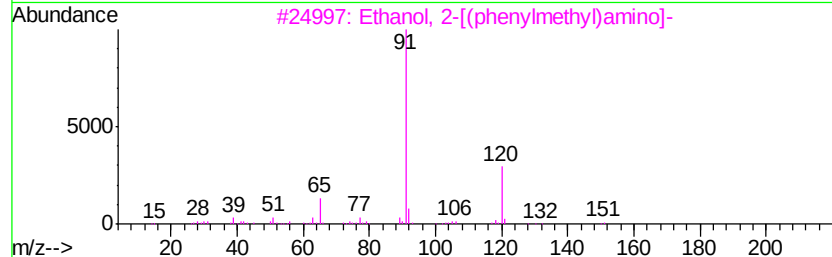
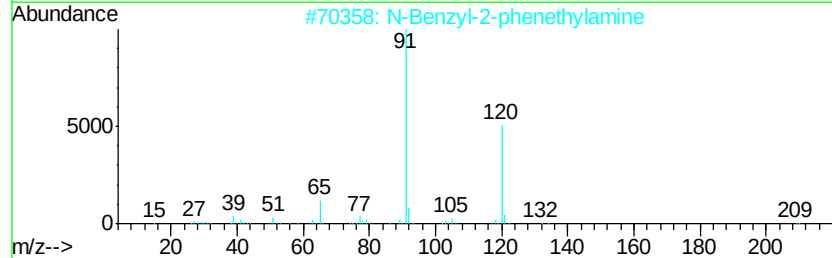
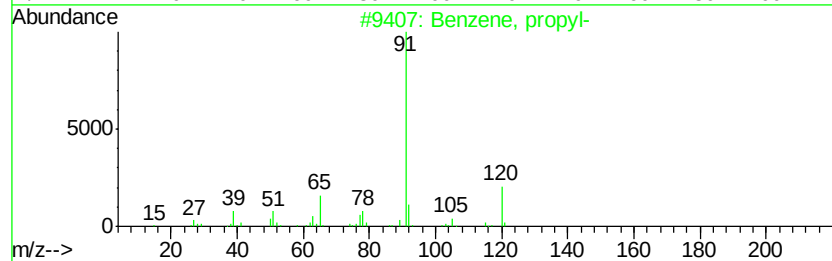
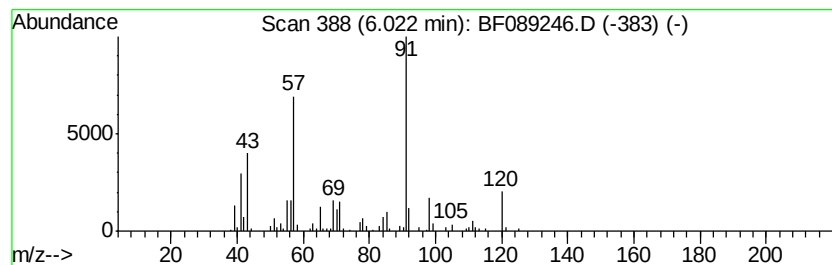
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	27.40 ng	374509	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	83
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	35
3		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	35
4		Benzeneacetaldehyde	120	C8H8O	000122-78-1	30
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	30



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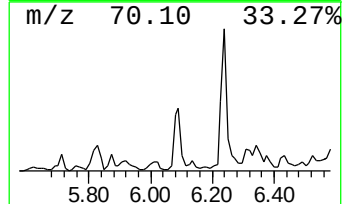
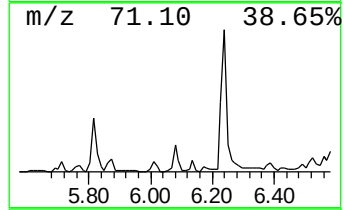
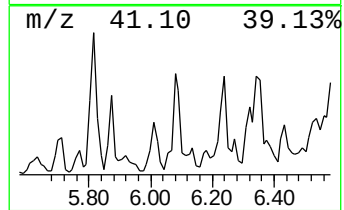
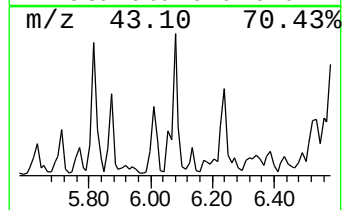
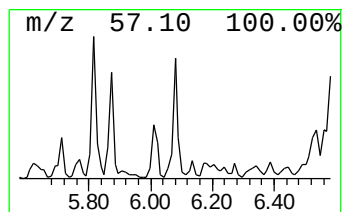
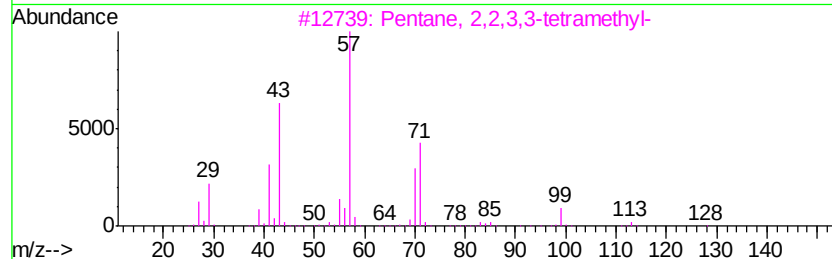
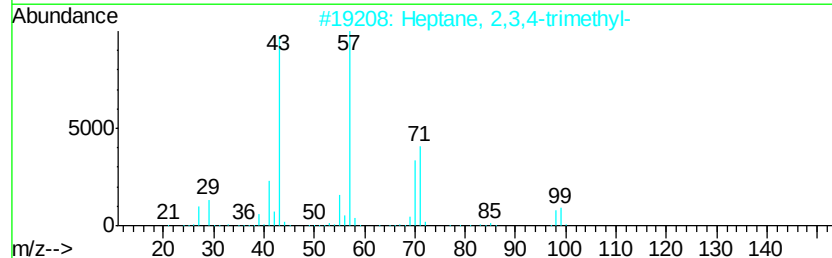
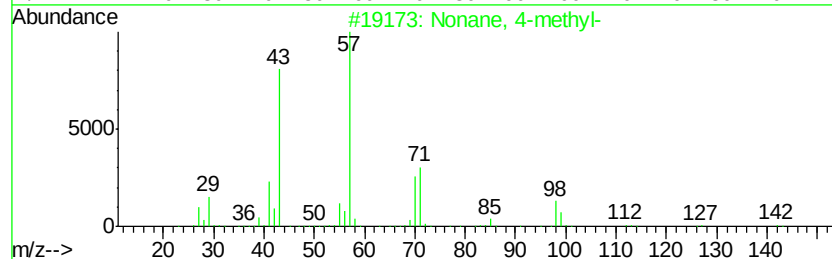
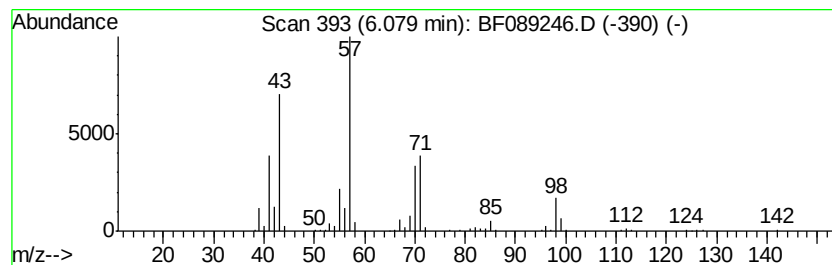
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Peak Number 4 Nonane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.08	41.84 ng	571891	1,4-Dichlorobenzene-d4	6.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	50
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50



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Operator : UM/SJ
Sample : H4129-05
Misc :
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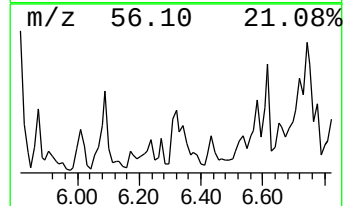
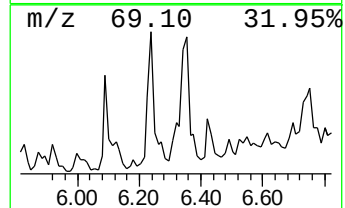
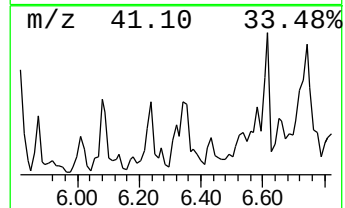
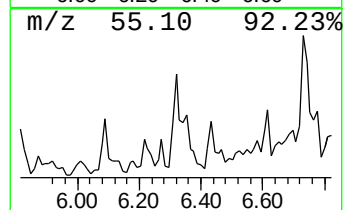
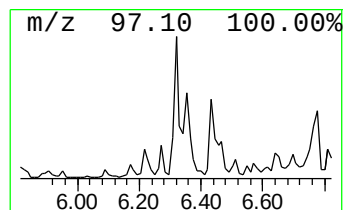
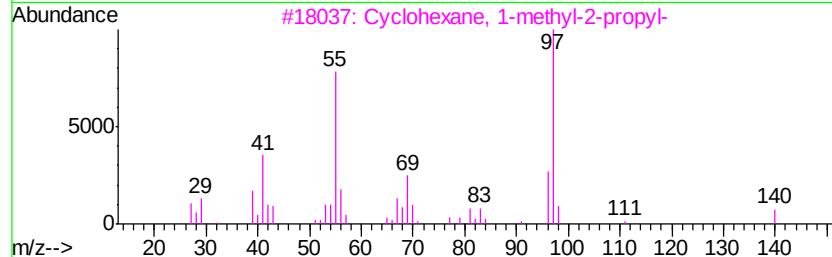
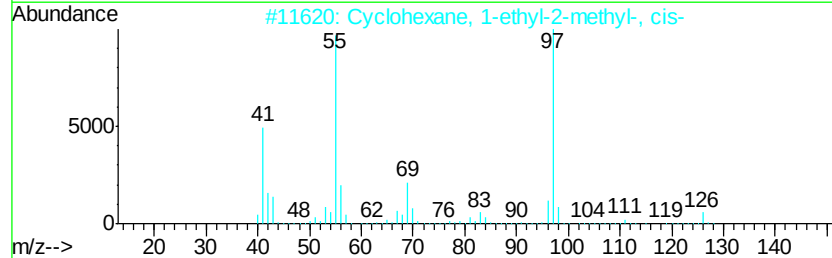
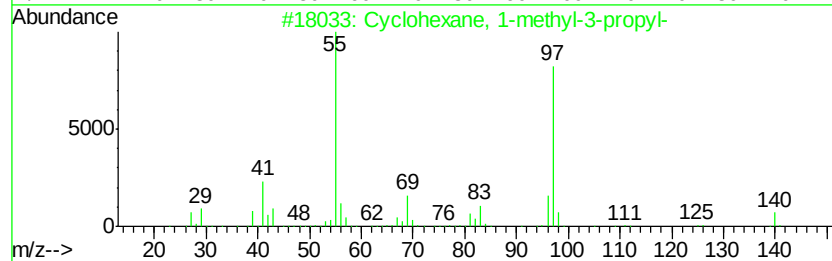
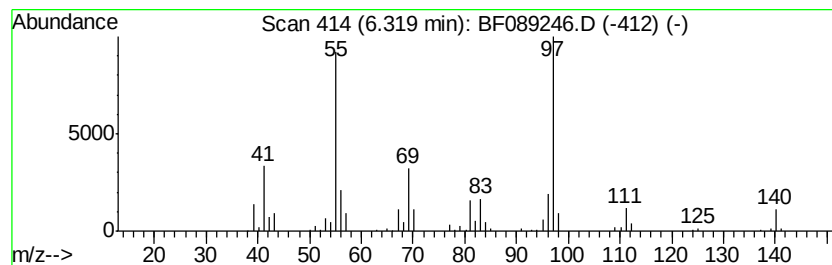
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, 1-methyl-3-pro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	27.72 ng	378928	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	76
2		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	59
5		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089246.D
Acq On : 23 Jul 2016 21:54
Operator : UM/SJ
Sample : H4129-05
Misc :
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Instrument :
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ClientSampleId :
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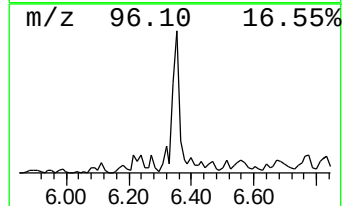
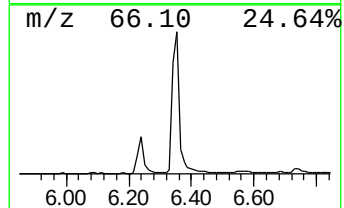
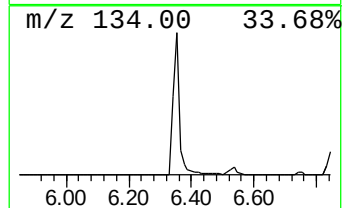
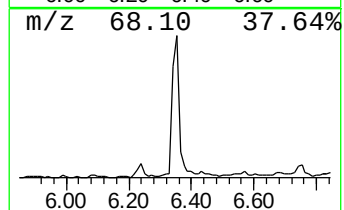
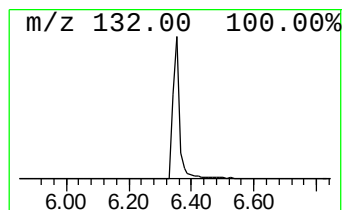
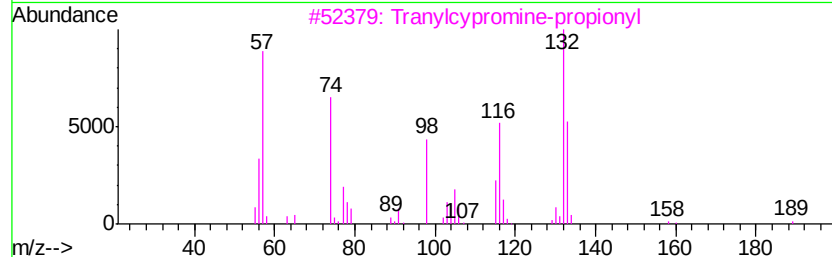
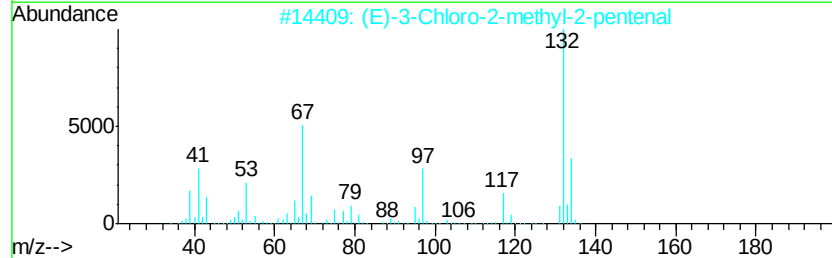
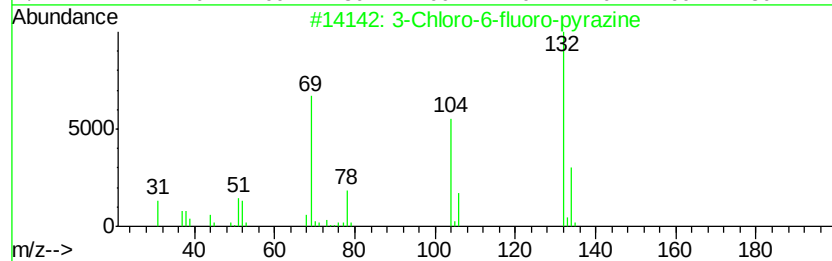
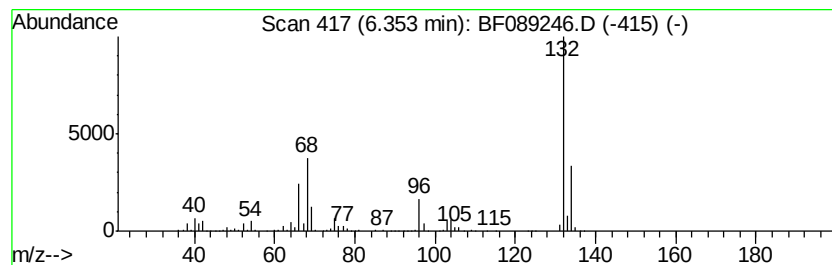
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	126.55 ng	1729700	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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Acq On : 23 Jul 2016 21:54
Operator : UM/SJ
Sample : H4129-05
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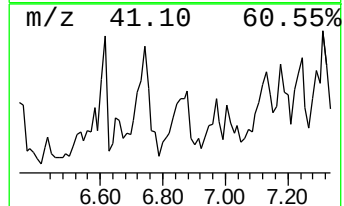
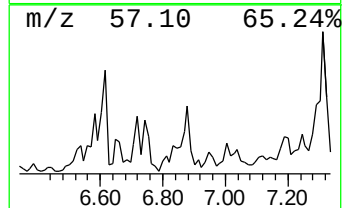
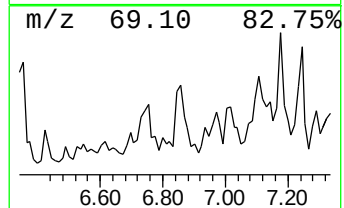
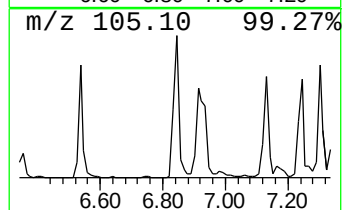
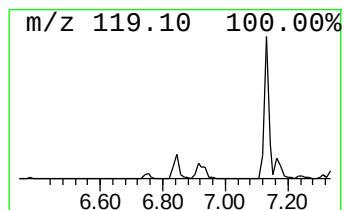
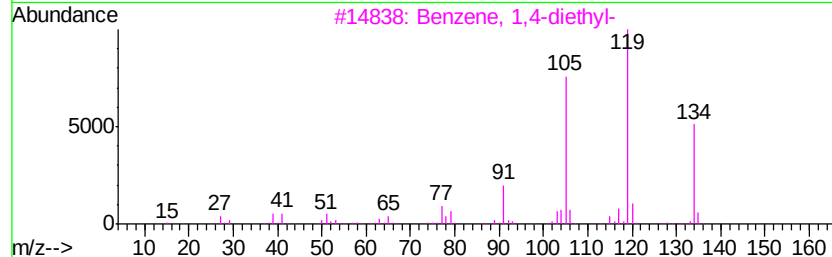
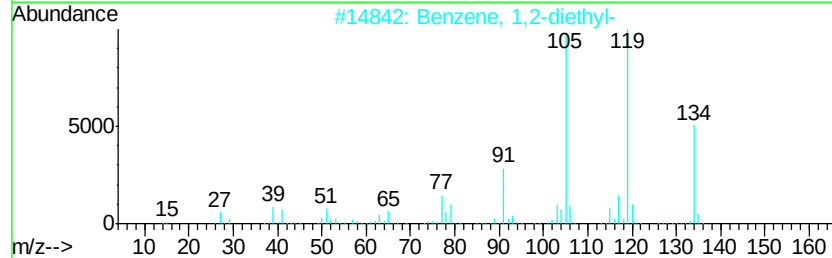
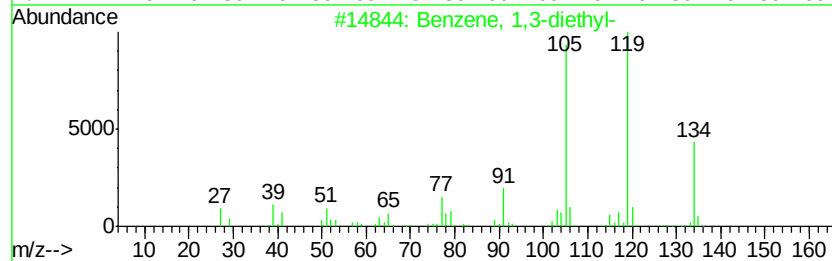
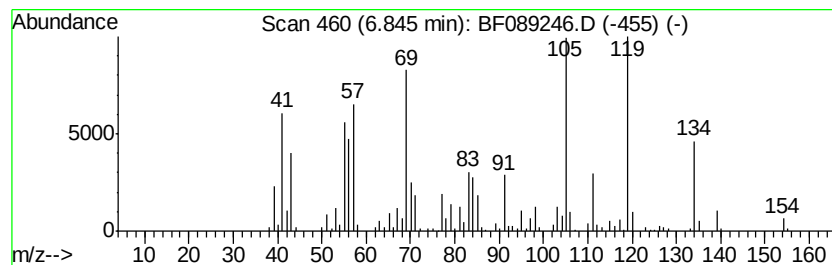
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	80.01 ng	1093600	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	46
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	46
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46
5		Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089246.D
Acq On : 23 Jul 2016 21:54
Operator : UM/SJ
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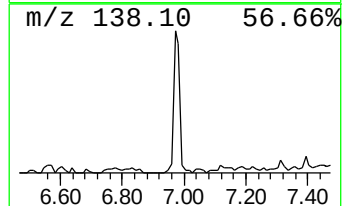
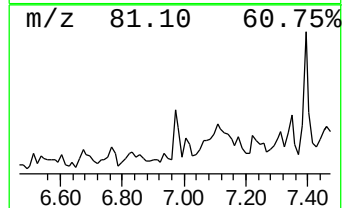
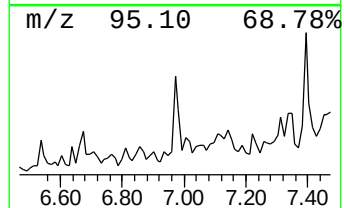
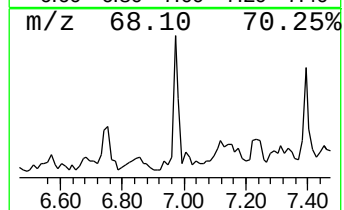
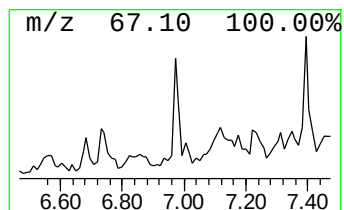
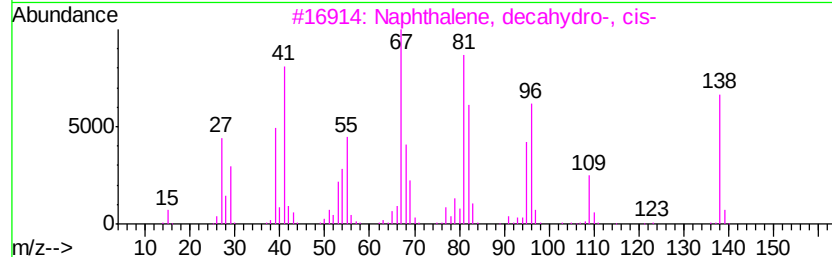
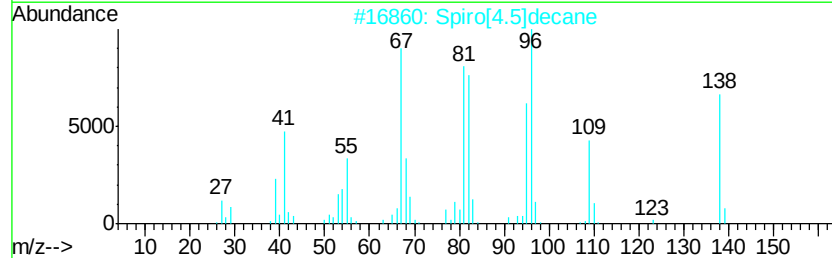
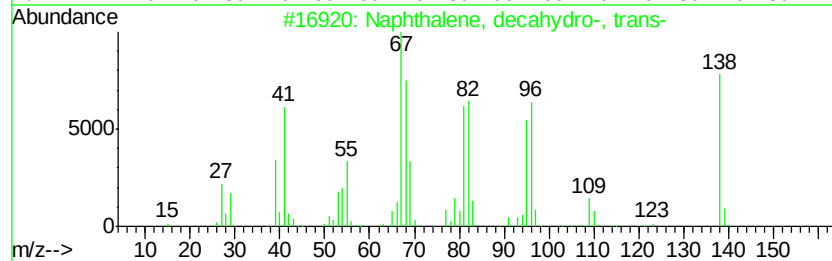
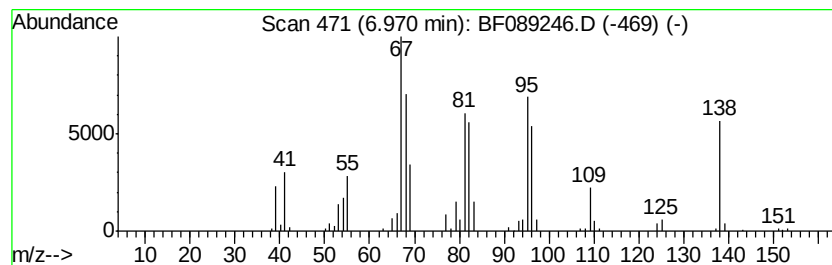
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, decahydro-, tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	29.44 ng	402358	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
2		Spiro[4.5]decane	138	C10H18	000176-63-6	81
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	74
4		Naphthalene, decahydro-	138	C10H18	000091-17-8	64
5		Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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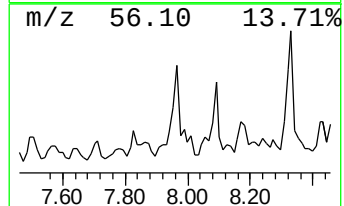
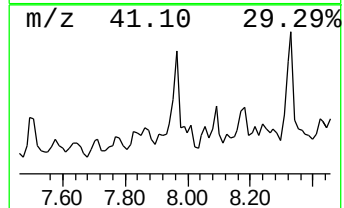
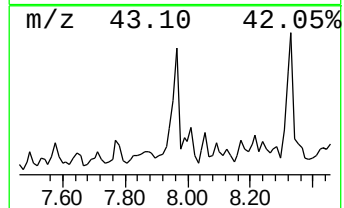
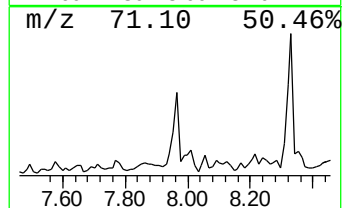
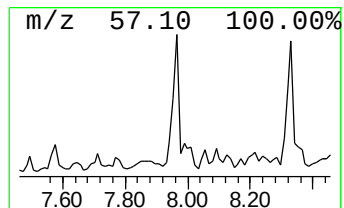
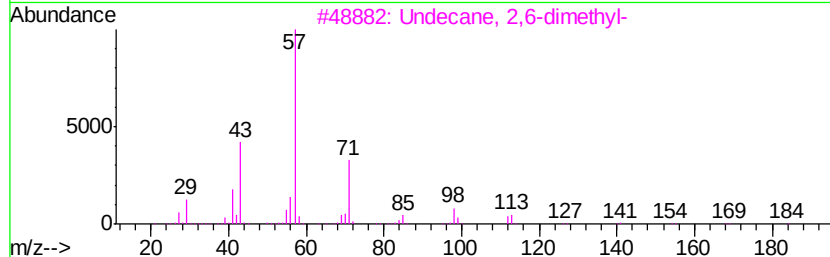
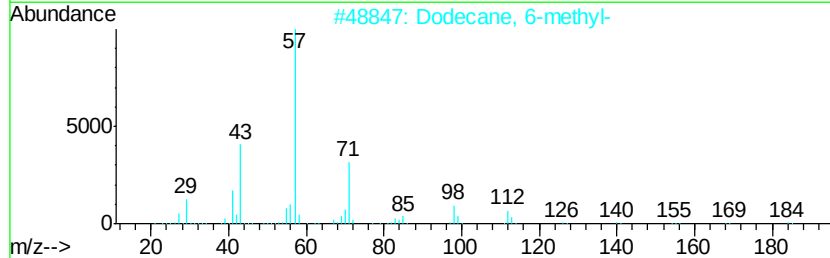
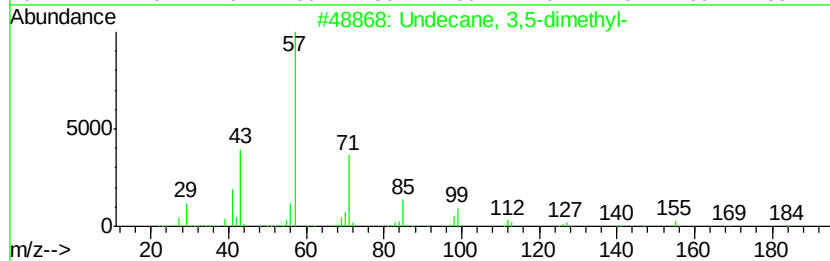
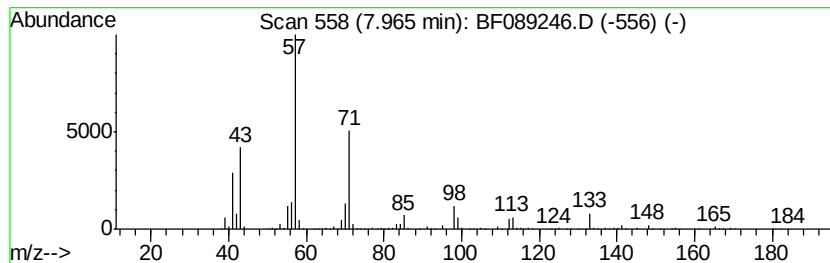
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	29.84 ng	2099180	Napthalene-d8	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
4		Undecane	156	C11H24	001120-21-4	64
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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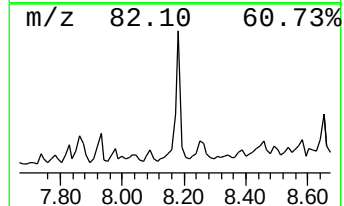
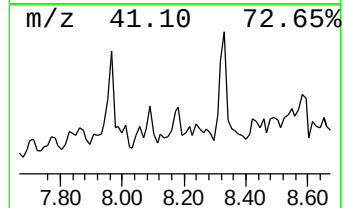
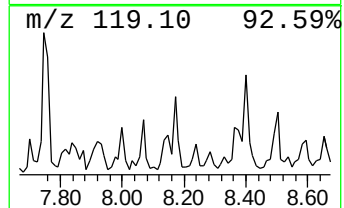
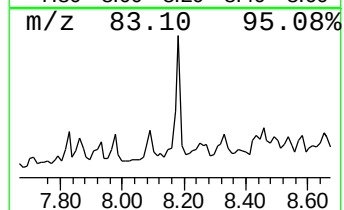
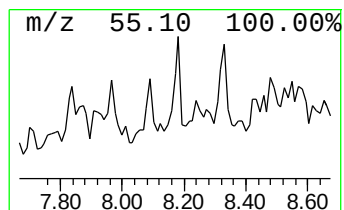
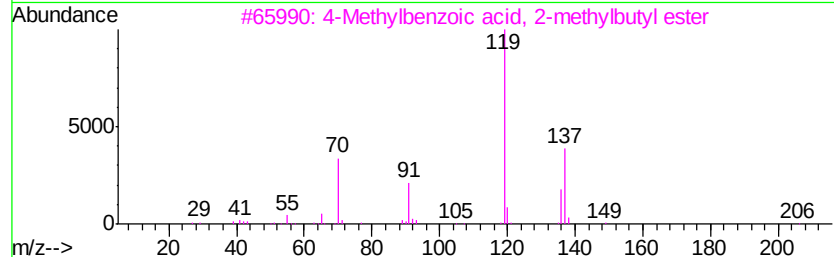
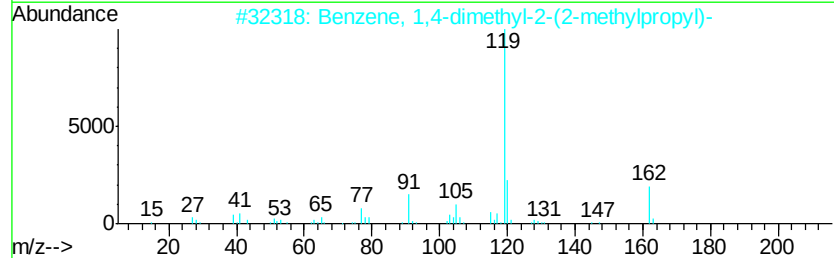
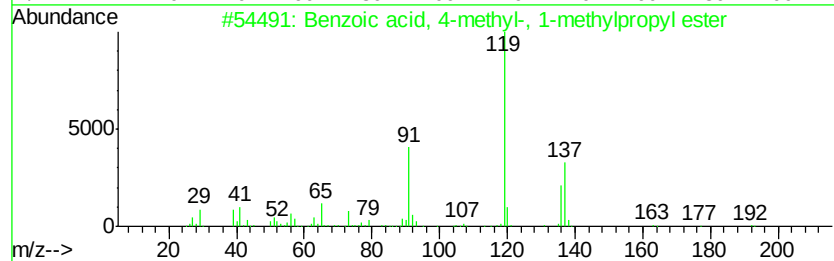
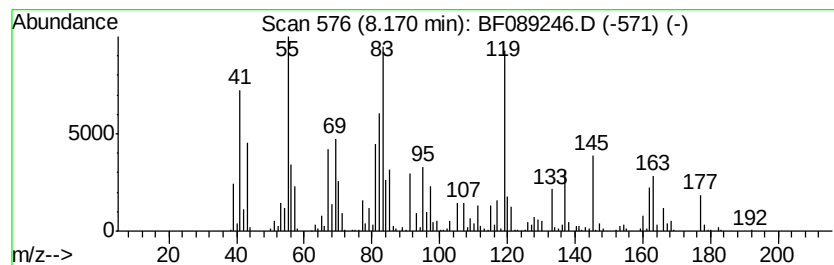
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.17 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	31.75 ng	2233940	Napthalene-d8	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 4-methyl-, 1-methy...	192	C12H16O2	100556-51-2	18
2		Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	14
3		4-Methylbenzoic acid, 2-methylbu...	206	C13H18O2	1000331-35-8	14
4		Benzoic acid, 4-methyl-, 2-hydro...	180	C10H12O3	028129-15-9	14
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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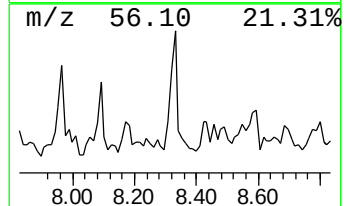
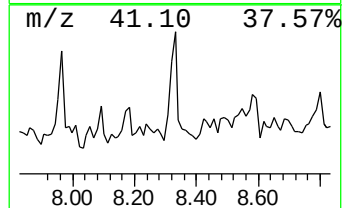
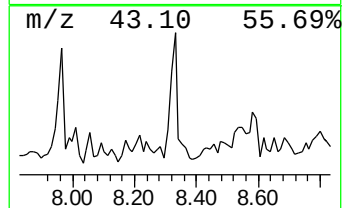
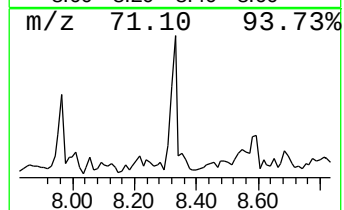
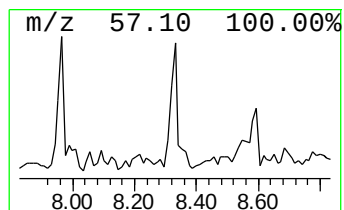
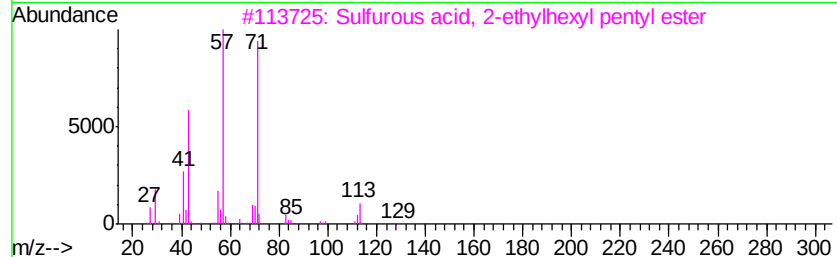
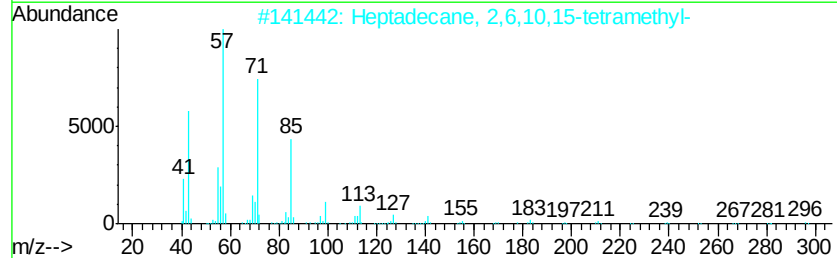
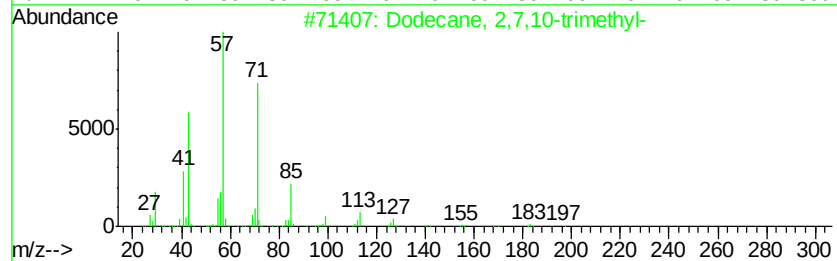
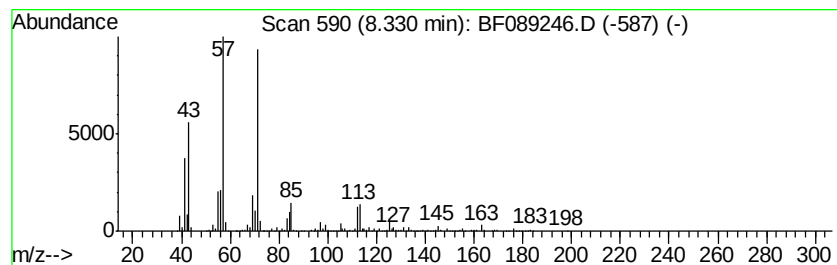
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	53.37 ng	3755190	Naphthalene-d8	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
3		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53
4		Octane, 2-bromo-	192	C8H17Br	000557-35-7	53
5		Sulfurous acid, butyl pentyl ester	208	C9H20O3S	1000309-17-1	50



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Operator : UM/SJ
Sample : H4129-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

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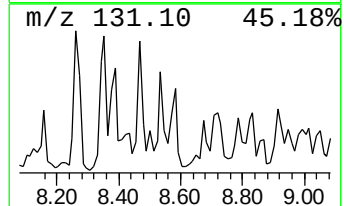
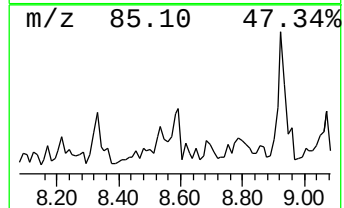
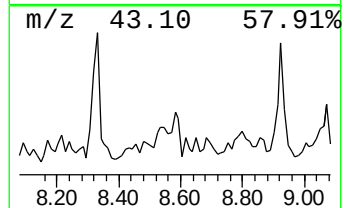
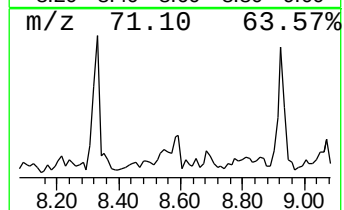
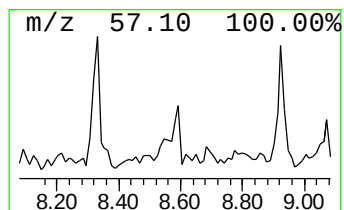
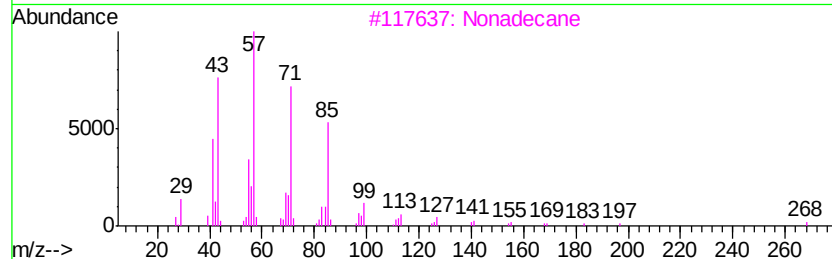
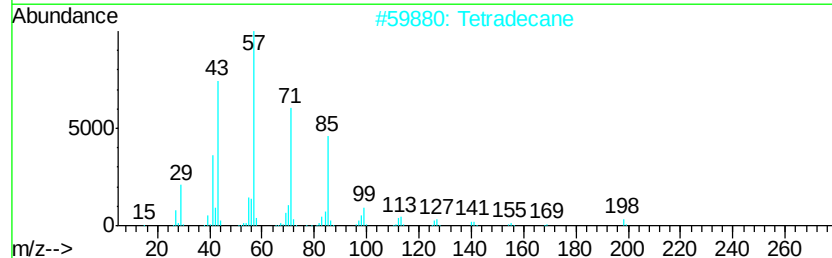
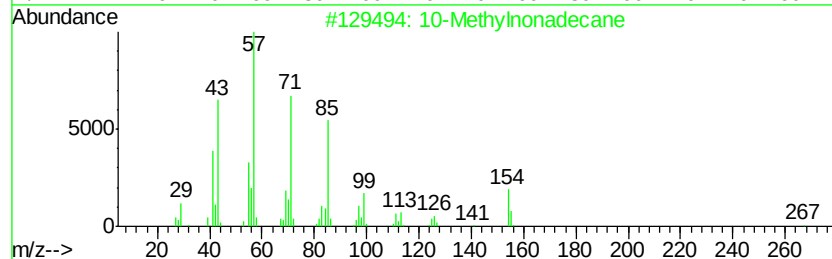
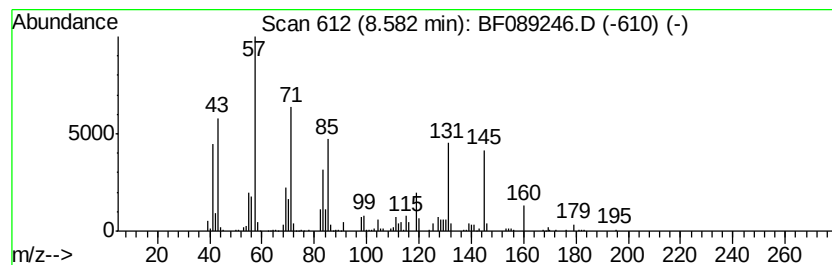
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown8.58 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	26.27 ng	1848140	Napthalene-d8	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	38
2		Tetradecane	198	C14H30	000629-59-4	38
3		Nonadecane	268	C19H40	000629-92-5	38
4		Nonane	128	C9H20	000111-84-2	38
5		Decane	142	C10H22	000124-18-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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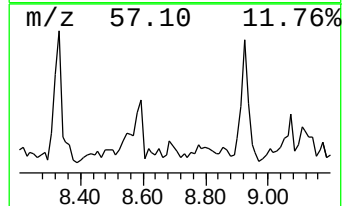
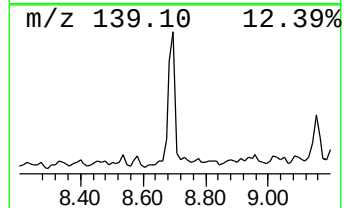
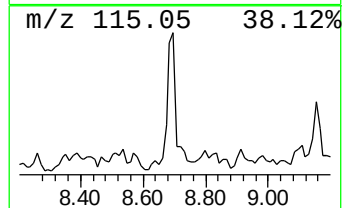
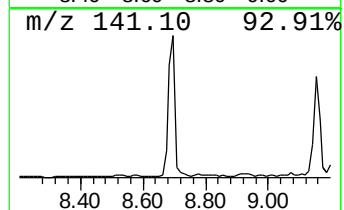
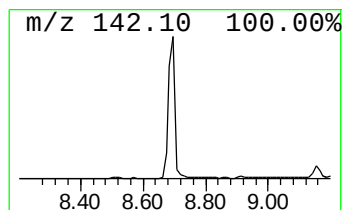
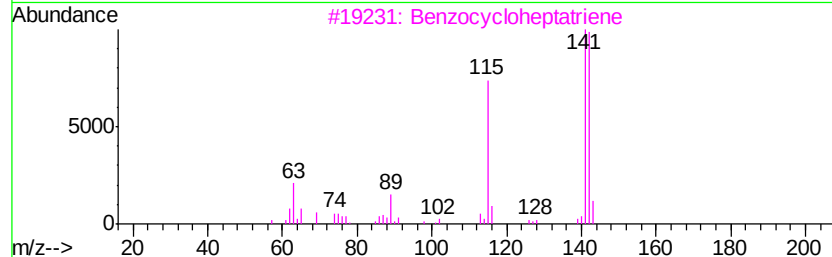
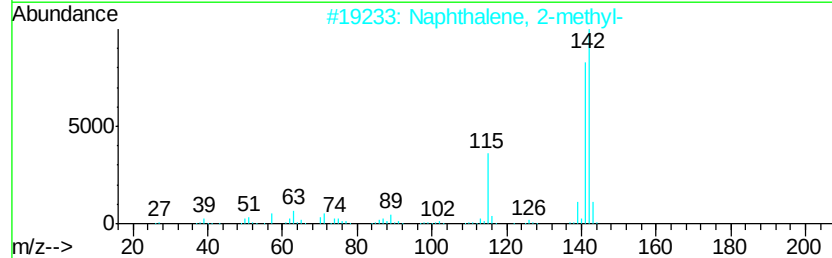
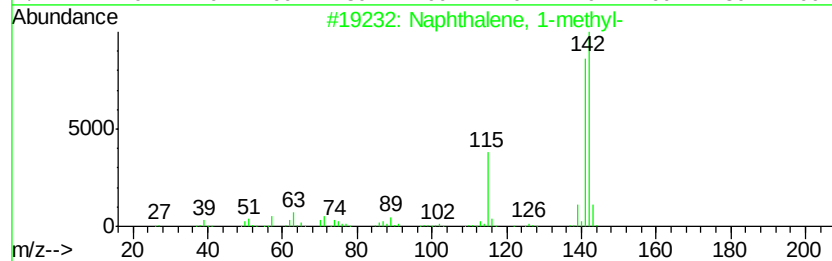
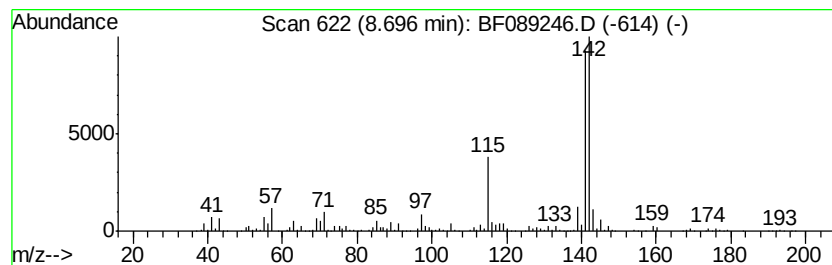
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	72.72 ng	5116200	Naphthalene-d8	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089246.D
Acq On : 23 Jul 2016 21:54
Operator : UM/SJ
Sample : H4129-05
Misc :
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ClientSampleId :
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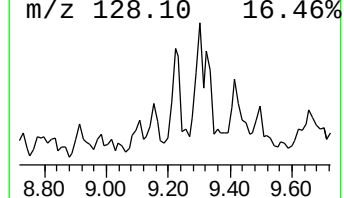
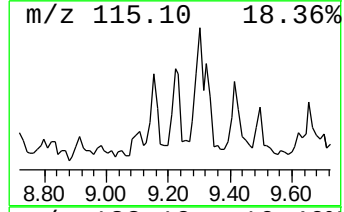
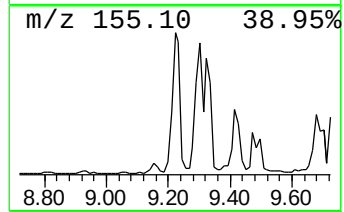
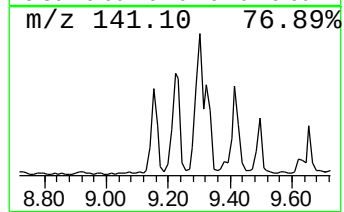
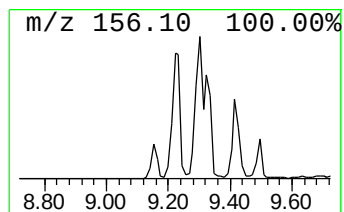
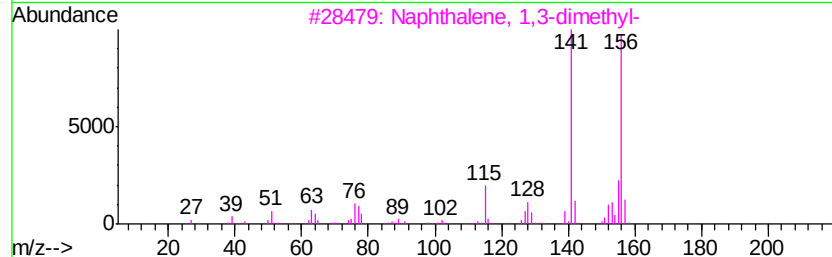
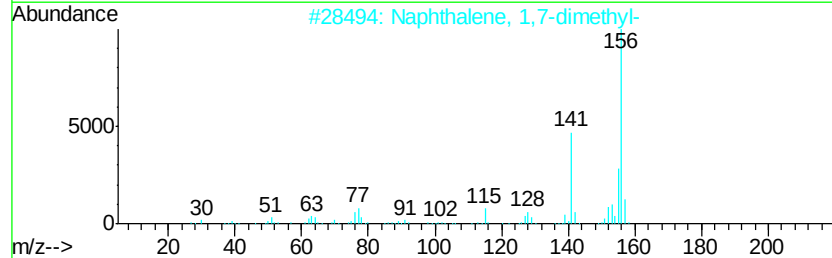
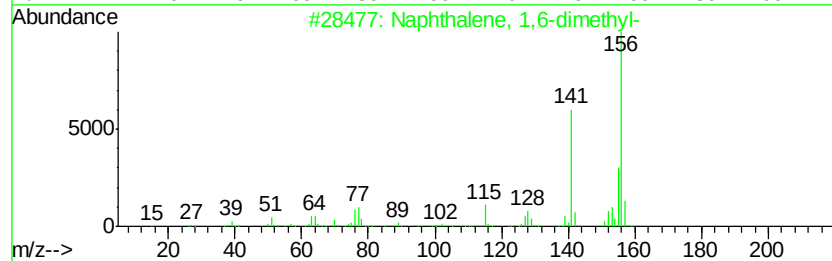
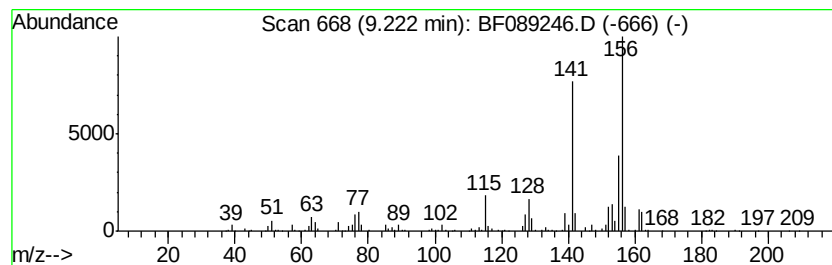
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	36.97 ng	2984570	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089246.D
Acq On : 23 Jul 2016 21:54
Operator : UM/SJ
Sample : H4129-05
Misc :
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ClientSampleId :
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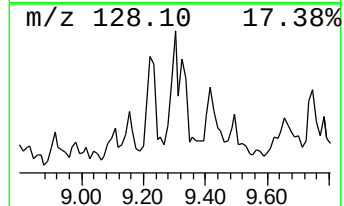
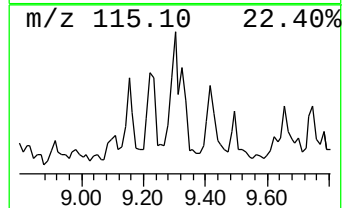
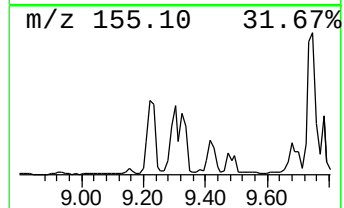
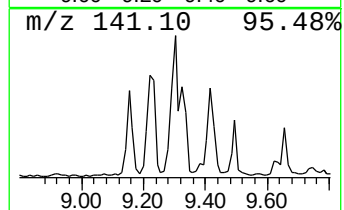
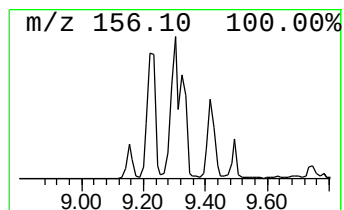
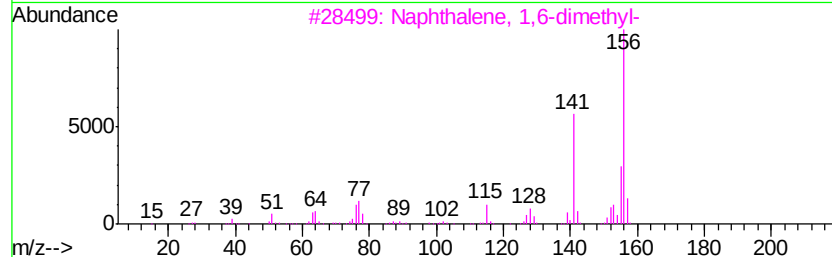
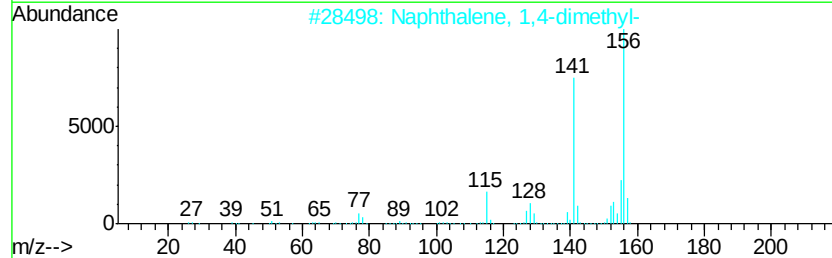
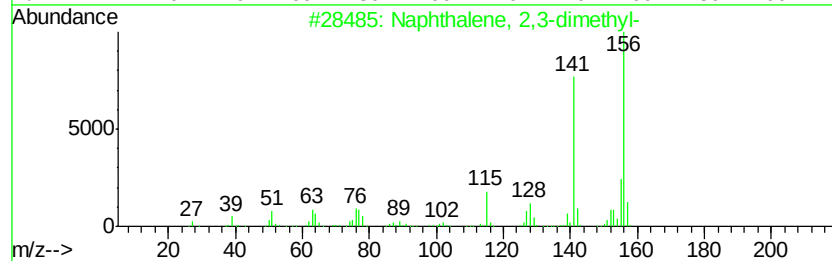
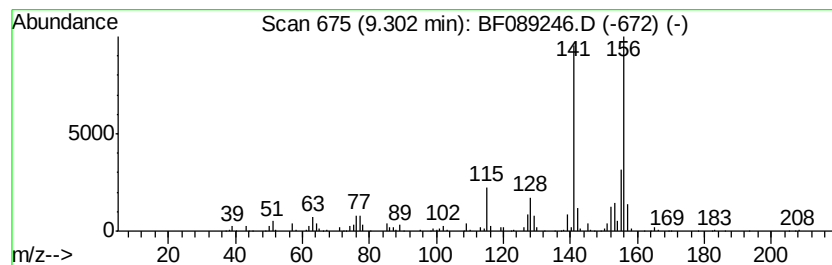
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	37.98 ng	3065660	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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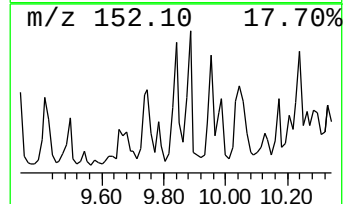
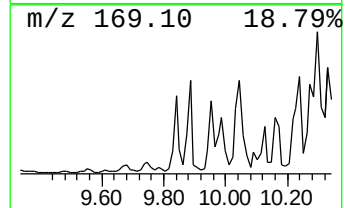
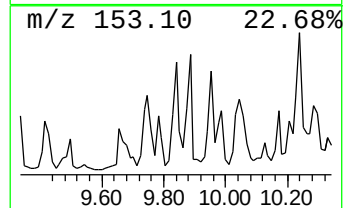
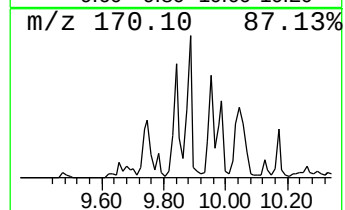
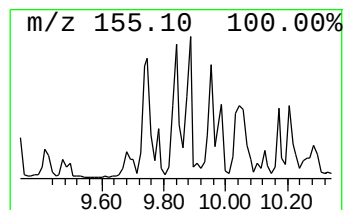
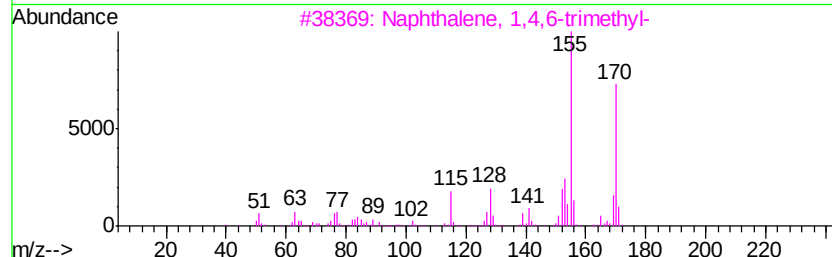
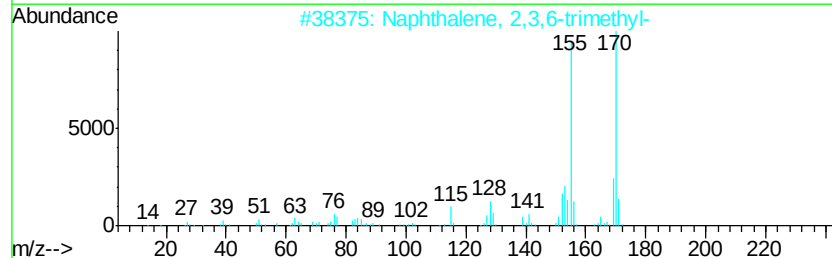
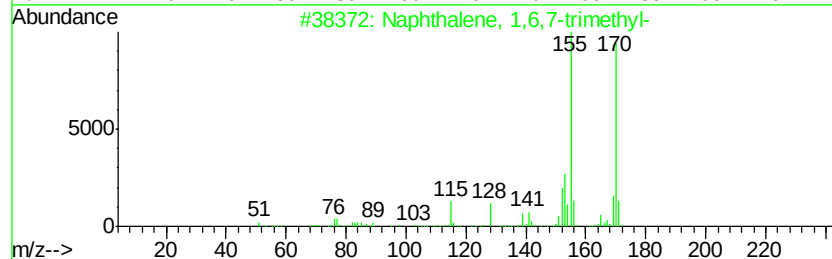
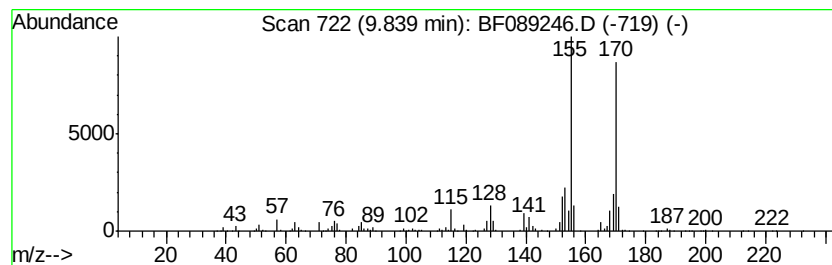
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	31.09 ng	2510080	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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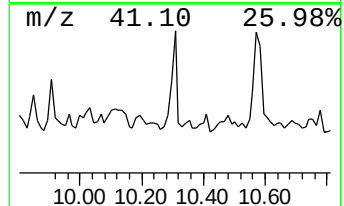
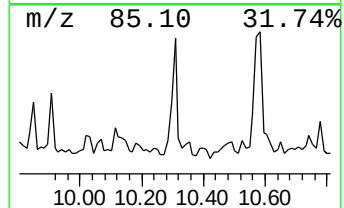
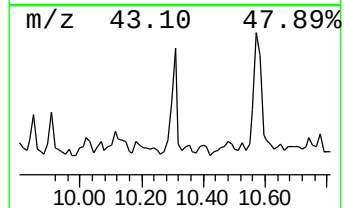
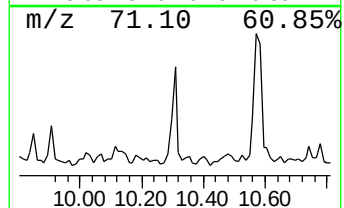
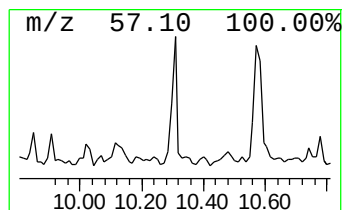
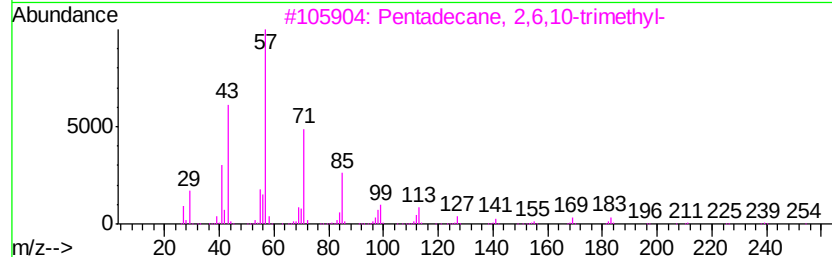
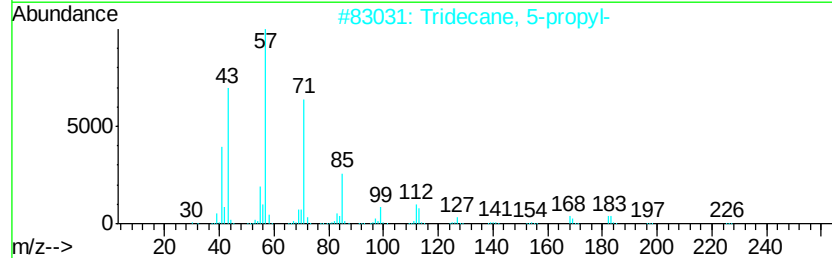
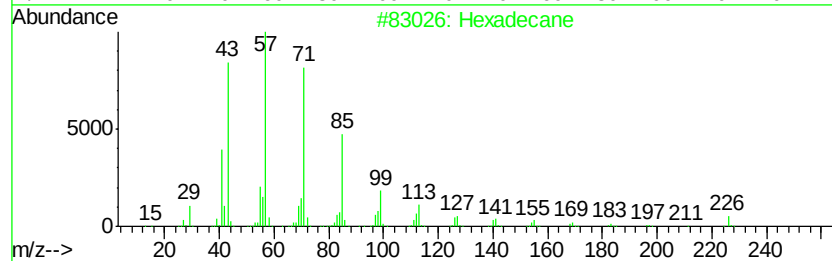
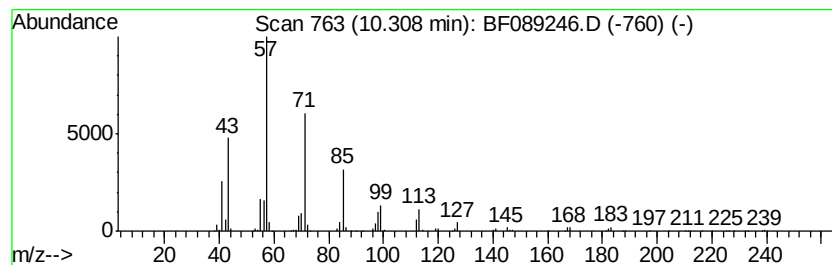
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	30.81 ng	2486740	Acenaphthene-d10	9.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	86
2	Tridecane, 5-propyl-	226 C16H34	055045-11-9	86
3	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	83
4	Heptacosane	380 C27H56	000593-49-7	80
5	2-Bromo dodecane	248 C12H25Br	013187-99-0	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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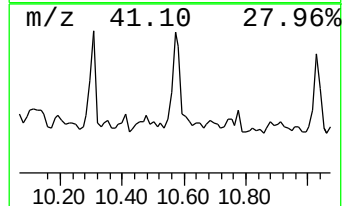
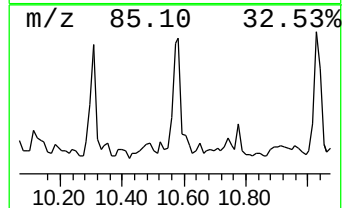
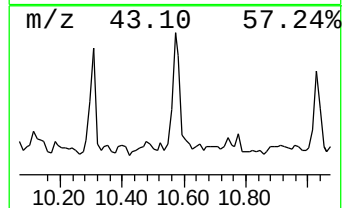
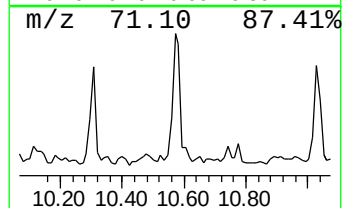
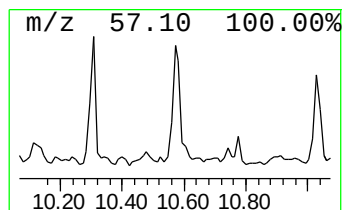
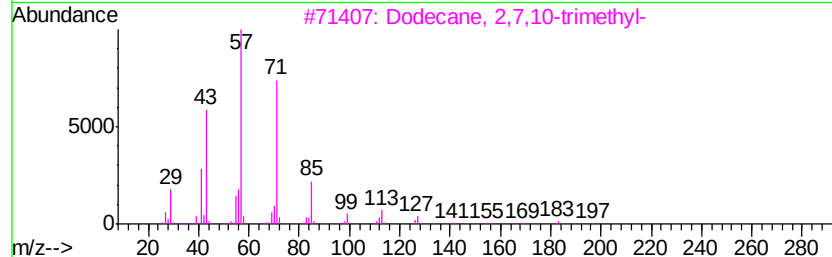
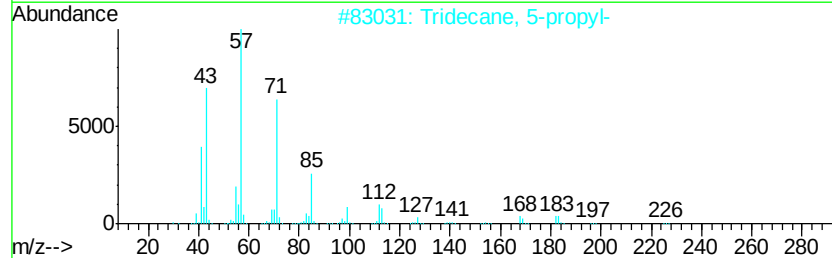
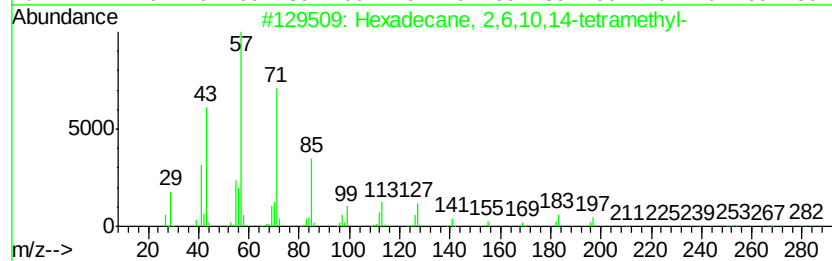
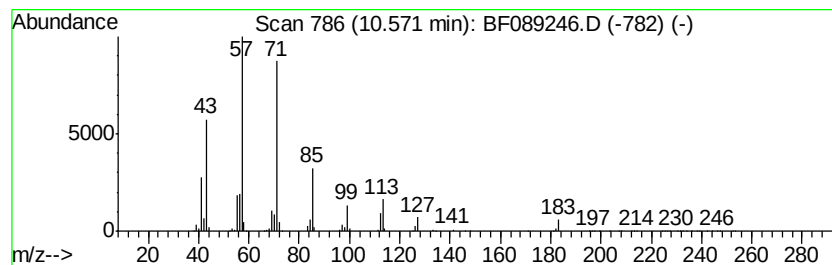
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	118.18 ng	3288810	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089246.D
Acq On : 23 Jul 2016 21:54
Operator : UM/SJ
Sample : H4129-05
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-09-5.0-7.0

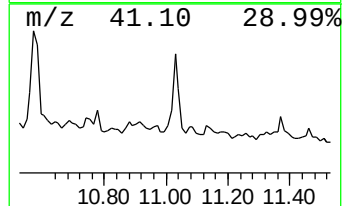
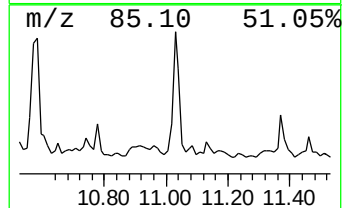
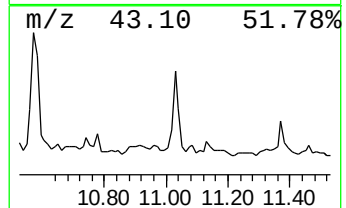
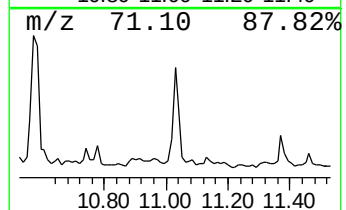
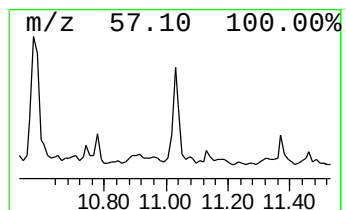
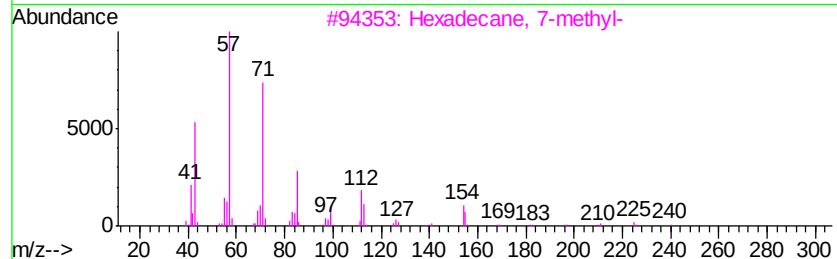
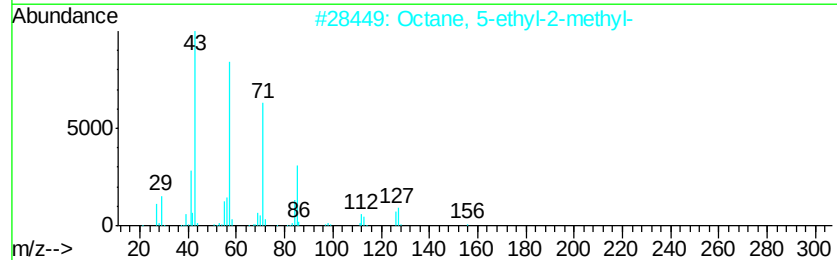
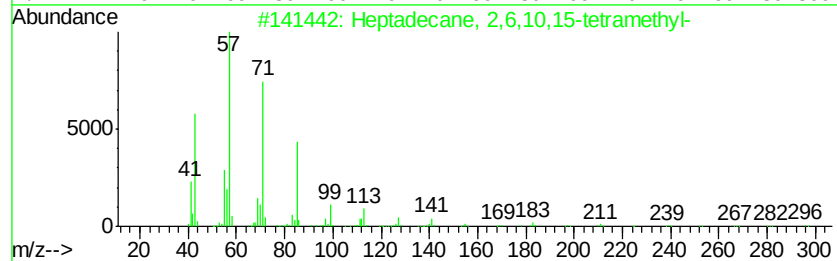
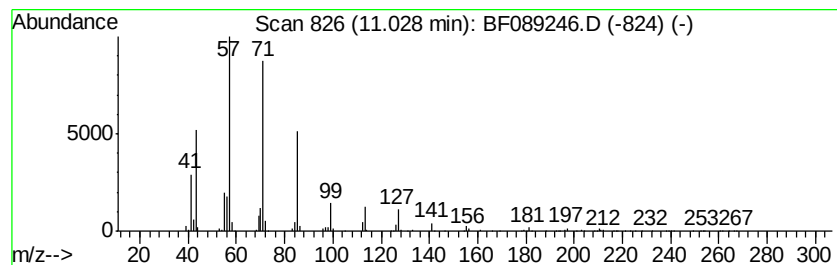
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	96.11 ng	2674640	Phenanthrene-d10	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	80
3		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	80
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5		Decane, 3-methyl-	156	C11H24	013151-34-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089246.D
 Acq On : 23 Jul 2016 21:54
 Operator : UM/SJ
 Sample : H4129-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-09-5.0-7.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octane, 2,6-dimet...	5.82	45.1 ng		616694	1	6.58	273354	20.0
Benzene, propyl-	6.02	27.4 ng		374509	1	6.58	273354	20.0
Nonane, 4-methyl-	6.08	41.8 ng		571891	1	6.58	273354	20.0
Cyclohexane, 1-me...	6.32	27.7 ng		378928	1	6.58	273354	20.0
unknown6.35	6.35	126.6 ng		1729700	1	6.58	273354	20.0
Benzene, 1,3-diet...	6.84	80.0 ng		1093600	1	6.58	273354	20.0
Naphthalene, deca...	6.97	29.4 ng		402358	1	6.58	273354	20.0
Undecane, 3,5-dim...	7.96	29.8 ng		2099180	2	7.87	1407150	20.0
unknown8.17	8.17	31.8 ng		2233940	2	7.87	1407150	20.0
Dodecane, 2,7,10-...	8.33	53.4 ng		3755190	2	7.87	1407150	20.0
unknown8.58	8.58	26.3 ng		1848140	2	7.87	1407150	20.0
Naphthalene, 1-me...	8.70	72.7 ng		5116200	2	7.87	1407150	20.0
Naphthalene, 1,6-...	9.22	37.0 ng		2984570	3	9.63	1614470	20.0
Naphthalene, 2,3-...	9.30	38.0 ng		3065660	3	9.63	1614470	20.0
Naphthalene, 1,6,...	9.84	31.1 ng		2510080	3	9.63	1614470	20.0
Hexadecane	10.31	30.8 ng		2486740	3	9.63	1614470	20.0
Hexadecane, 2,6,1...	10.57	118.2 ng		3288810	4	11.11	556584	20.0
Heptadecane, 2,6,...	11.03	96.1 ng		2674640	4	11.11	556584	20.0