

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113179.D
 Acq On : 20 Mar 2019 19:01
 Operator : JU/SJ
 Sample : K1994-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30200-05

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-BF022719.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	5.293	541	545	547	rVV	748217	870750	7.55%	0.268%
2	5.310	547	548	550	rVV2	764056	550356	4.77%	0.170%
3	5.334	550	552	559	rVB	481902	533171	4.62%	0.164%
4	5.557	588	590	599	rVV2	692958	1021505	8.85%	0.315%
5	5.640	599	604	609	rVB	1783048	1889809	16.38%	0.583%
6	5.746	614	622	626	rBV2	656678	828488	7.18%	0.255%
7	5.804	626	632	640	rBV4	208294	619874	5.37%	0.191%
8	5.881	640	645	650	rVB2	879107	1225524	10.62%	0.378%
9	5.940	650	655	659	rBV2	307715	620409	5.38%	0.191%
10	5.981	659	662	669	rVB2	1983882	2348881	20.36%	0.724%
11	6.187	689	697	700	rBV2	1114591	2189220	18.97%	0.675%
12	6.257	704	709	713	rBV4	2492259	4771977	41.36%	1.471%
13	6.334	718	722	726	rBV	2341838	2397852	20.78%	0.739%
14	6.369	726	728	730	rBV	520995	586811	5.09%	0.181%
15	6.416	733	736	742	rVB2	1580719	2002192	17.35%	0.617%
16	6.481	742	747	748	rBV3	1191728	1665912	14.44%	0.514%
17	6.498	748	750	755	rVB2	829244	966777	8.38%	0.298%
18	6.563	757	761	762	rBV	3620196	3471573	30.09%	1.070%
19	6.587	762	765	769	rVB	5795247	6804488	58.98%	2.098%
20	6.693	776	783	785	rBV3	1150858	1881557	16.31%	0.580%
21	6.734	786	790	792	rVB	1053788	989753	8.58%	0.305%
22	6.763	792	795	798	rVB2	3370335	3363716	29.15%	1.037%
23	6.798	798	801	806	rBV3	2249863	2662376	23.08%	0.821%
24	6.893	814	817	820	rBV3	2189471	2846081	24.67%	0.878%
25	6.987	829	833	835	rBV2	1771316	2178801	18.88%	0.672%
26	7.022	835	839	842	rVV2	3012883	4396605	38.11%	1.356%
27	7.063	842	846	848	rVV2	4172989	4537514	39.33%	1.399%
28	7.093	848	851	855	rVB2	2244195	2637475	22.86%	0.813%
29	7.140	855	859	862	rBV	4250921	5143022	44.58%	1.586%
30	7.210	868	871	873	rBV	1808213	1962436	17.01%	0.605%
31	7.234	873	875	878	rVB	1936409	1575977	13.66%	0.486%
32	7.281	878	883	886	rBV2	3899048	5954043	51.61%	1.836%
33	7.304	886	887	890	rVV2	1490673	1372332	11.89%	0.423%
34	7.363	891	897	899	rVV	6271255	8620092	74.71%	2.658%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.398	899	903	906	rVB2	2132204	2853692	24.73%	0.880%
36	7.428	906	908	911	rBV4	840693	881975	7.64%	0.272%
37	7.463	911	914	918	rVB3	2367434	2789003	24.17%	0.860%
38	7.522	918	924	925	rBV3	1698291	2673498	23.17%	0.824%
39	7.545	925	928	934	rVB3	4422541	7163174	62.09%	2.209%
40	7.640	940	944	945	rBV2	1928273	2325635	20.16%	0.717%
41	7.663	945	948	951	rBV3	1616180	2281147	19.77%	0.703%
42	7.722	956	958	961	rVB2	2073081	2151387	18.65%	0.663%
43	7.757	961	964	968	rBV3	3895693	6813186	59.05%	2.101%
44	7.798	968	971	974	rVB3	3241298	4315226	37.40%	1.331%
45	7.840	975	978	979	rBV2	2104726	1968232	17.06%	0.607%
46	7.869	981	983	986	rVB	3749193	3755070	32.55%	1.158%
47	7.904	986	989	991	rBV	1886254	1903695	16.50%	0.587%
48	7.940	991	995	998	rVB2	1495772	1608256	13.94%	0.496%
49	7.992	998	1004	1005	rBV4	3180372	4269149	37.00%	1.316%
50	8.040	1005	1012	1016	rBV3	4836101	9911811	85.91%	3.056%
51	8.110	1021	1024	1026	rVV	3362649	3740309	32.42%	1.153%
52	8.134	1026	1028	1031	rVB4	1159539	1033362	8.96%	0.319%
53	8.210	1037	1041	1042	rBV2	1990473	2456736	21.29%	0.758%
54	8.234	1042	1045	1049	rVV3	2974782	4069218	35.27%	1.255%
55	8.275	1049	1052	1055	rVV4	1958387	2229031	19.32%	0.687%
56	8.334	1056	1062	1065	rVV5	3377558	7299100	63.26%	2.251%
57	8.392	1069	1072	1074	rVV3	2694440	2740448	23.75%	0.845%
58	8.428	1074	1078	1082	rVV4	3555570	4742177	41.10%	1.462%
59	8.475	1082	1086	1090	rVV2	4033117	5510876	47.76%	1.699%
60	8.545	1094	1098	1101	rBV2	4258239	5691351	49.33%	1.755%
61	8.657	1109	1117	1119	rBV2	5832895	11537569	100.00%	3.558%
62	8.739	1128	1131	1137	rVB4	3548149	5608258	48.61%	1.729%
63	8.798	1137	1141	1143	rBV3	1321647	2050777	17.77%	0.632%
64	8.922	1160	1162	1164	rBV3	1536706	1536576	13.32%	0.474%
65	8.975	1169	1171	1174	rVV3	1613594	2421061	20.98%	0.747%
66	9.004	1174	1176	1180	rVB2	3291896	3328767	28.85%	1.026%
67	9.045	1180	1183	1185	rBV3	2419872	3208554	27.81%	0.989%
68	9.075	1185	1188	1191	rVB2	3702064	3765481	32.64%	1.161%
69	9.228	1206	1214	1216	rBV	5146474	10319345	89.44%	3.182%
70	9.269	1216	1221	1223	rBV2	2135451	3464953	30.03%	1.068%
71	9.757	1298	1304	1305	rVV	4110672	6473780	56.11%	1.996%

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72	9.781	1305	1308	1314	rVB6	1672602	2476405	21.46%	0.764%
73	9.969	1337	1340	1343	rBV3	1699972	2802169	24.29%	0.864%
74	10.251	1382	1388	1390	rVB	4445933	8117459	70.36%	2.503%
75	10.275	1390	1392	1393	rBV	730302	575075	4.98%	0.177%
76	10.457	1420	1423	1429	rVB	2932490	4114748	35.66%	1.269%
77	10.539	1434	1437	1440	rBV2	1955085	2381360	20.64%	0.734%
78	10.569	1440	1442	1445	rVB	1772157	1506239	13.06%	0.464%
79	10.728	1462	1469	1470	rBV2	4537630	9224081	79.95%	2.844%
80	11.163	1538	1543	1545	rBV	3728241	6293564	54.55%	1.941%
81	11.192	1545	1548	1553	rVB	3687361	4110781	35.63%	1.268%
82	11.457	1590	1593	1595	rVB	1298765	1241771	10.76%	0.383%
83	11.586	1609	1615	1617	rBV	4611449	6775172	58.72%	2.089%
84	11.822	1653	1655	1659	rVV3	993701	1086719	9.42%	0.335%
85	11.857	1659	1661	1668	rVB4	1316258	2476151	21.46%	0.764%
86	11.980	1677	1682	1685	rVB	5145761	6821823	59.13%	2.103%
87	12.245	1724	1727	1734	rVB3	1460031	1928010	16.71%	0.594%
88	12.310	1736	1738	1740	rVV	1006313	903364	7.83%	0.279%
89	12.363	1742	1747	1749	rVB	5334928	6260714	54.26%	1.930%
90	12.580	1782	1784	1788	rVB	573240	570490	4.94%	0.176%
91	12.692	1800	1803	1805	rBV2	690084	699424	6.06%	0.216%
92	12.722	1805	1808	1811	rVV	4861339	5112285	44.31%	1.576%
93	12.751	1811	1813	1819	rVB2	518747	693244	6.01%	0.214%
94	12.833	1824	1827	1836	rVB3	992857	1697841	14.72%	0.524%
95	13.074	1863	1868	1870	rVB	3489078	3609561	31.29%	1.113%
96	13.410	1921	1925	1928	rBV	2540577	2408558	20.88%	0.743%
97	13.733	1976	1980	1989	rVB	1547550	1705577	14.78%	0.526%
98	13.874	2001	2004	2011	rVB	1071437	981973	8.51%	0.303%
99	14.045	2030	2033	2036	rVB	784281	665081	5.76%	0.205%
100	15.280	2239	2243	2246	rBV	585901	690043	5.98%	0.213%

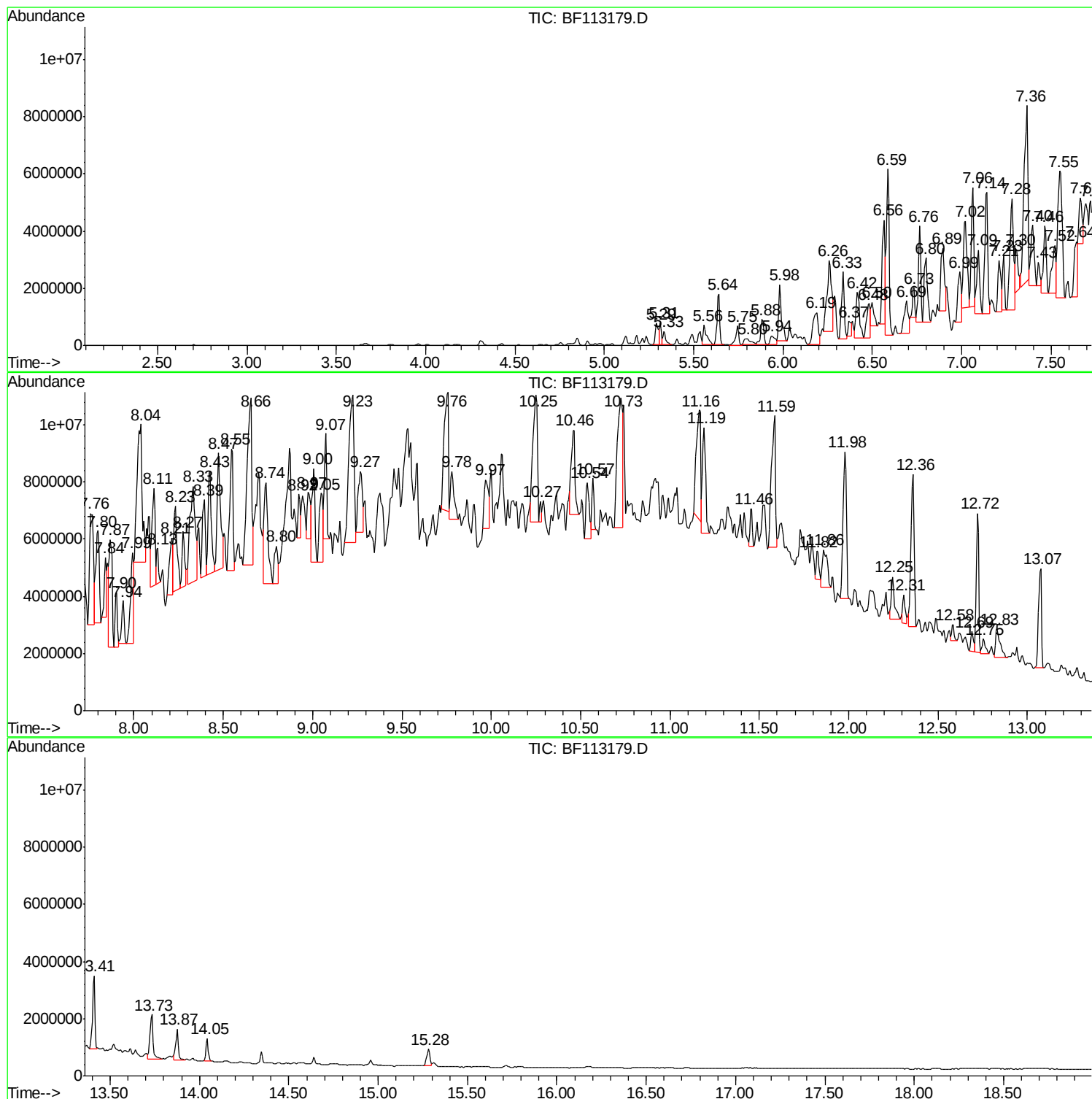
Sum of corrected areas: 324308896

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Instrument :
BNA_F
ClientSampleId :
30200-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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BNA_F
ClientSampled :
30200-05

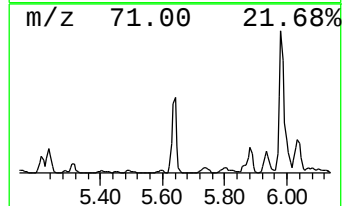
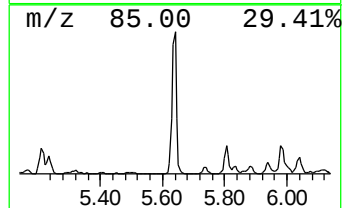
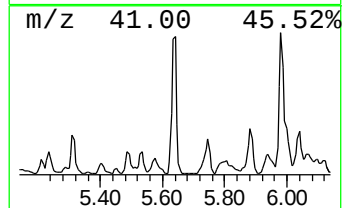
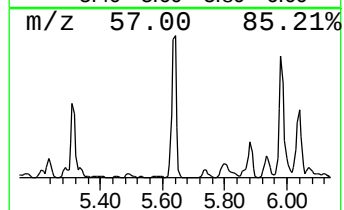
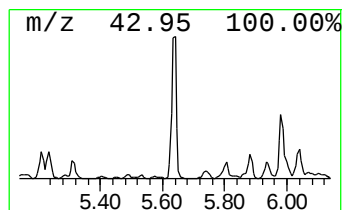
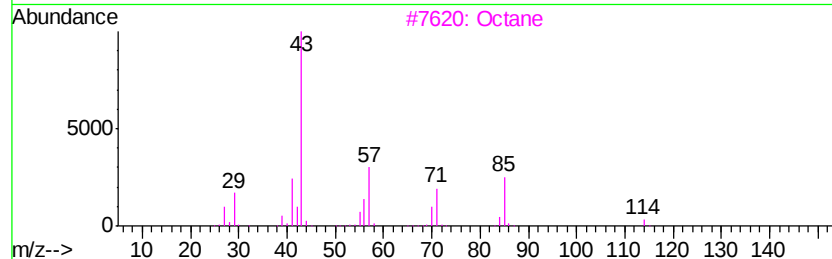
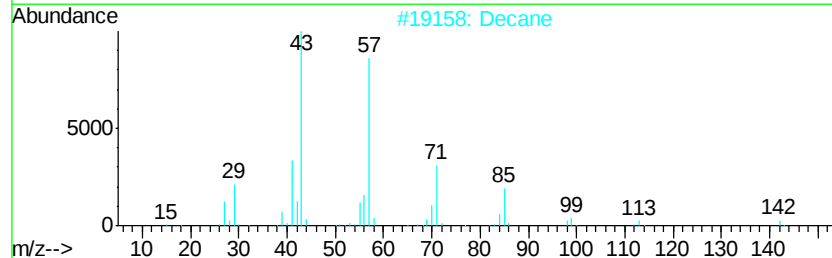
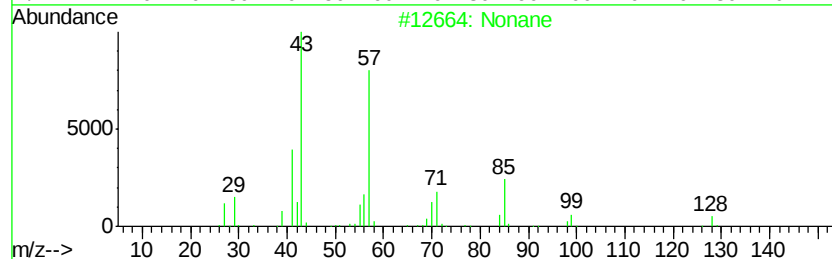
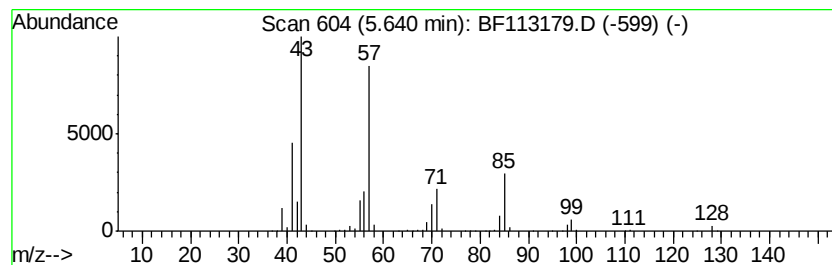
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	38.19 ng	1889810	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	91
2			Decane	142	C10H22	000124-18-5	72
3			Octane	114	C8H18	000111-65-9	64
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5			Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	53



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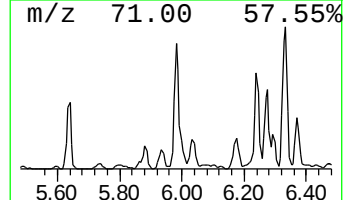
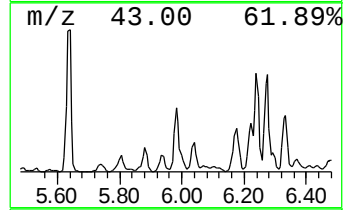
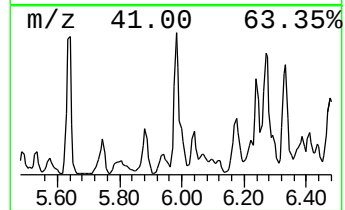
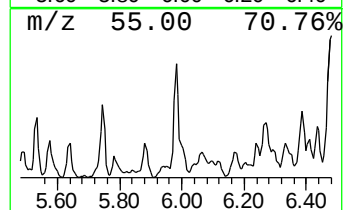
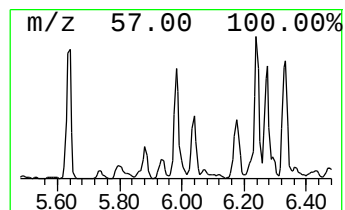
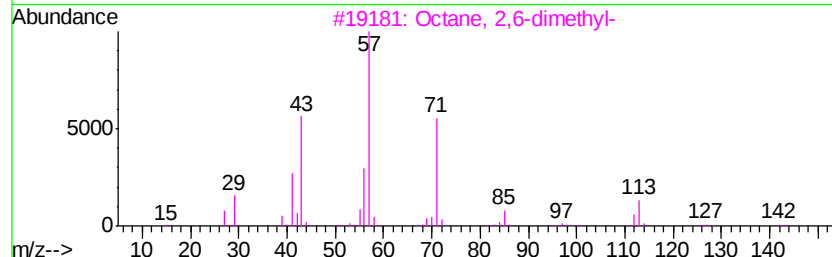
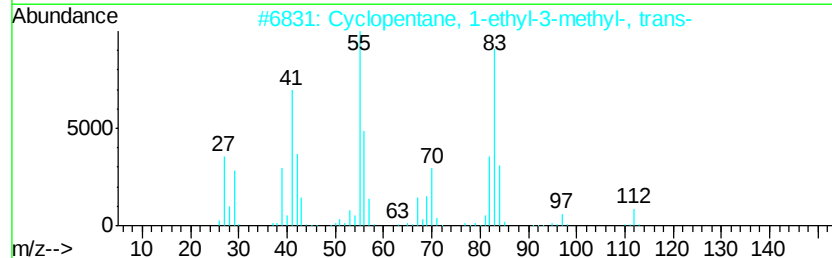
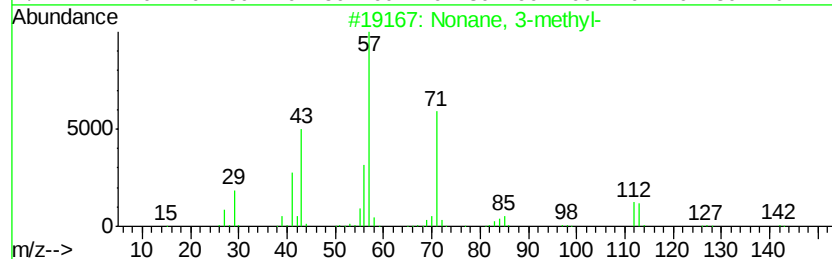
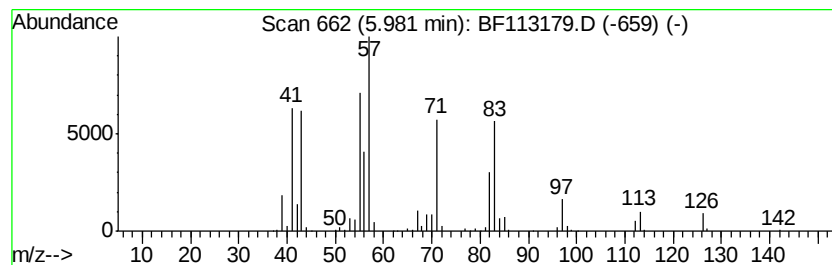
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.98 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	47.46 ng	2348880	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2		Cyclopentane, 1-ethyl-3-methyl-, ...	112	C8H16	002613-65-2	49
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	38
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38



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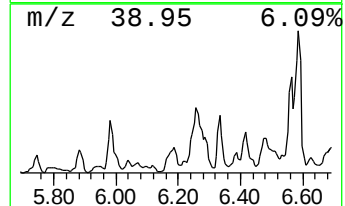
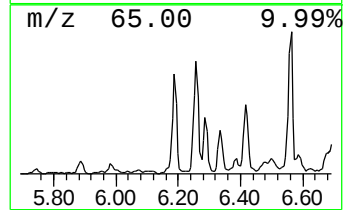
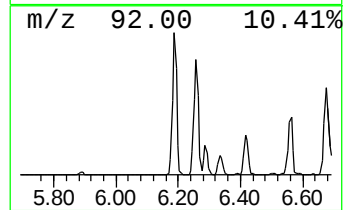
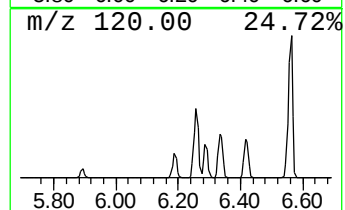
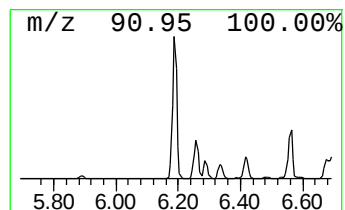
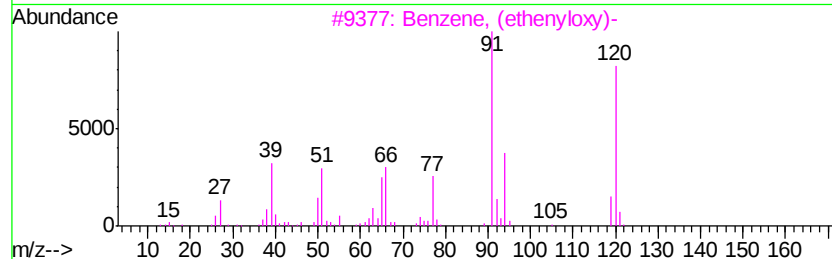
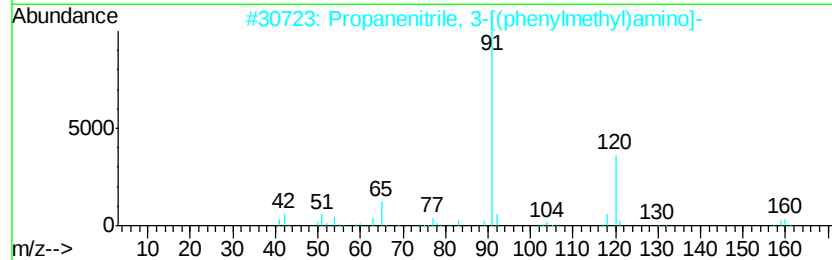
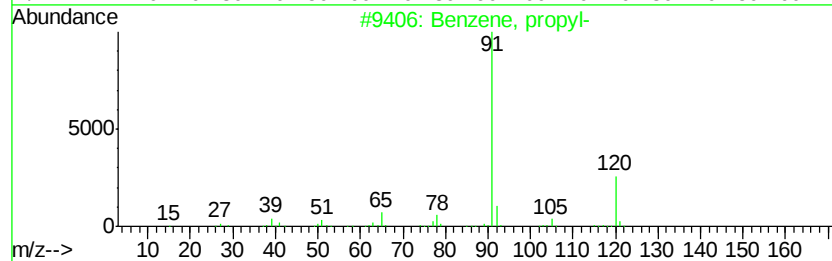
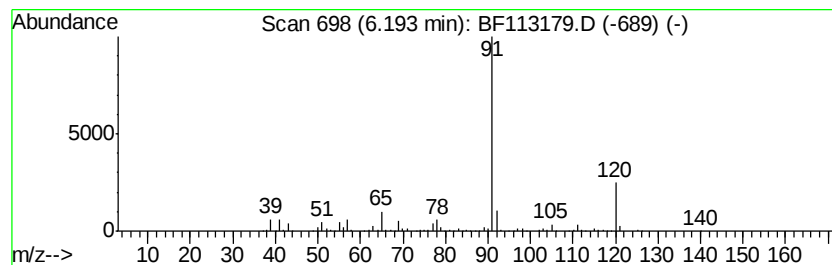
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	44.24 ng	2189220	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	76
2		Propanenitrile, 3-[(phenylmethyl)amino]-	160	C10H12N2	000706-03-6	59
3		Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	49
4		2,4-Difluorobenzene, 1-benzyloxy-	220	C13H10F2O	152434-86-1	47
5		Benzeneacetaldehyde	120	C8H8O	000122-78-1	46



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Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
Operator : JU/SJ
Sample : K1994-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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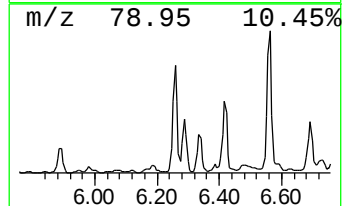
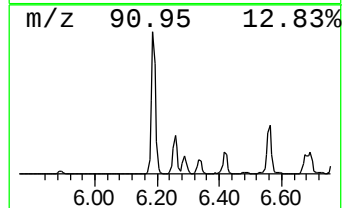
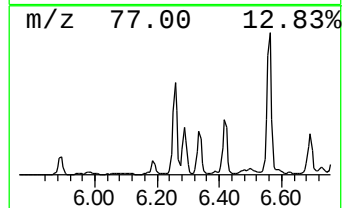
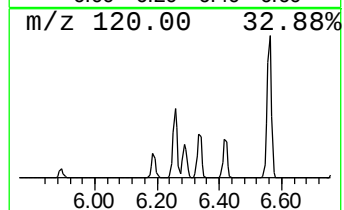
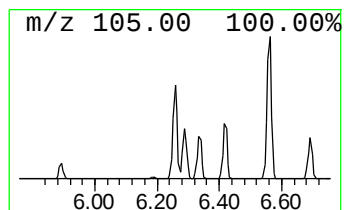
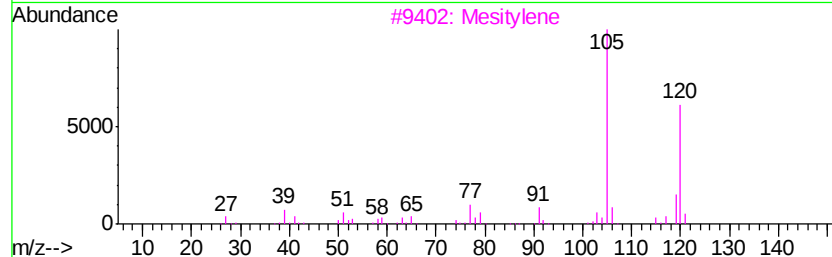
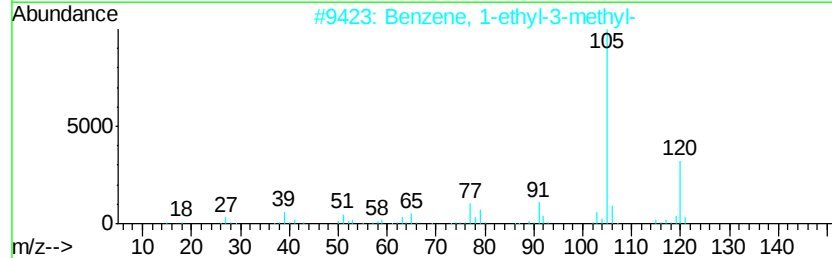
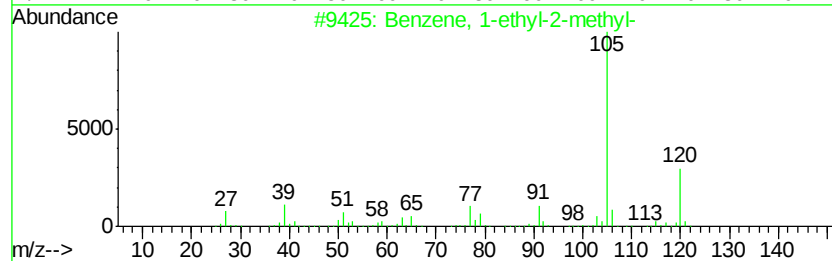
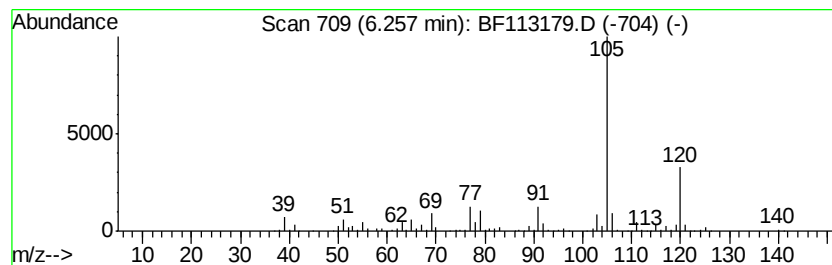
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	96.43 ng	4771980	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Mesitylene	120	C9H12	000108-67-8	87
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
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Sample : K1994-01 5X
Misc :
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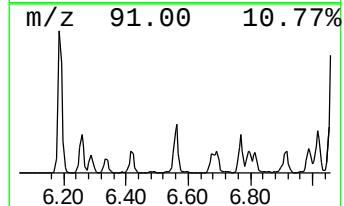
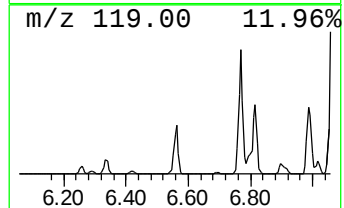
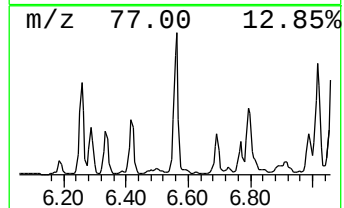
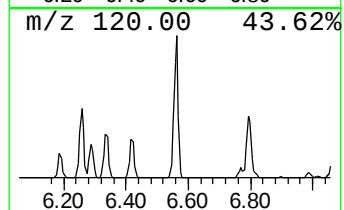
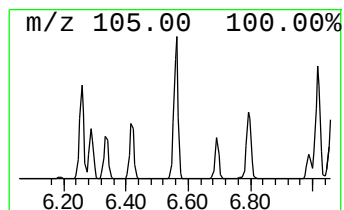
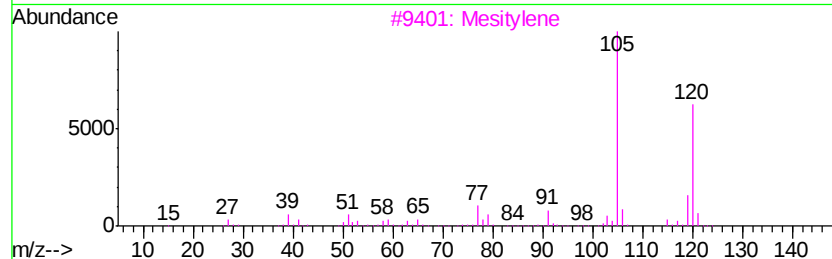
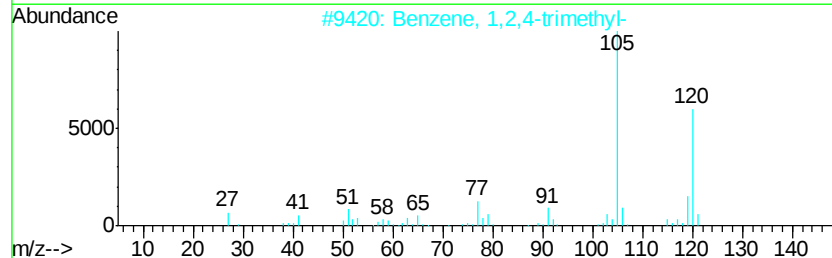
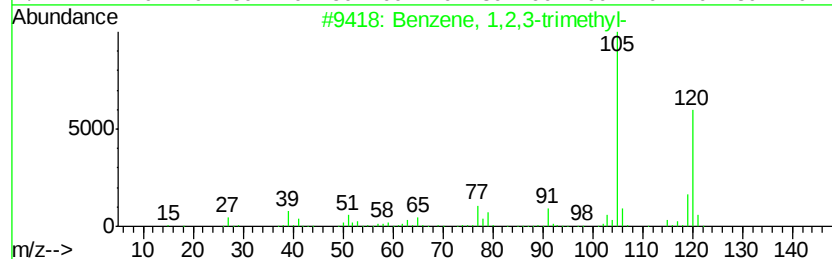
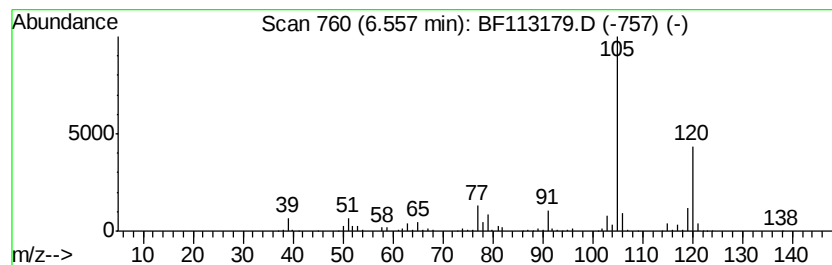
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	70.15 ng	3471570	1,4-Dichlorobenzene-d4	6.73

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-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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Misc :
ALS Vial : 18 Sample Multiplier: 1

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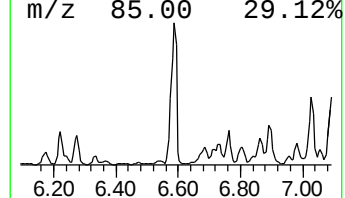
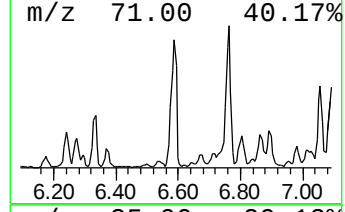
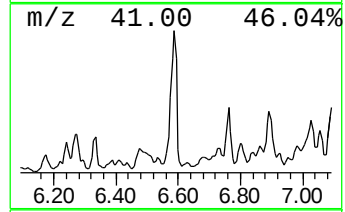
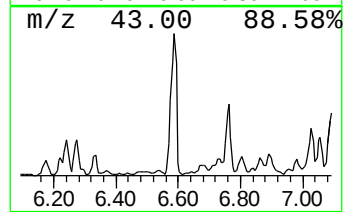
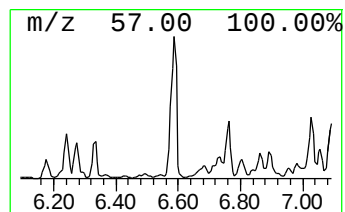
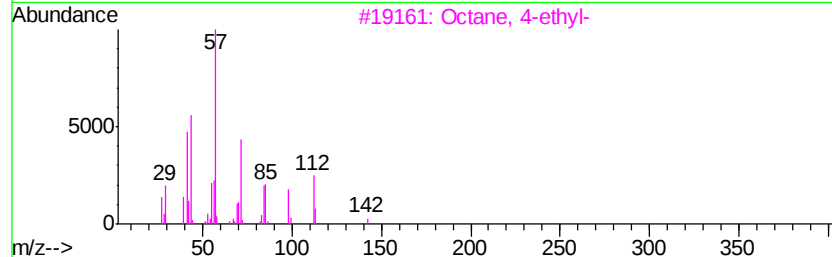
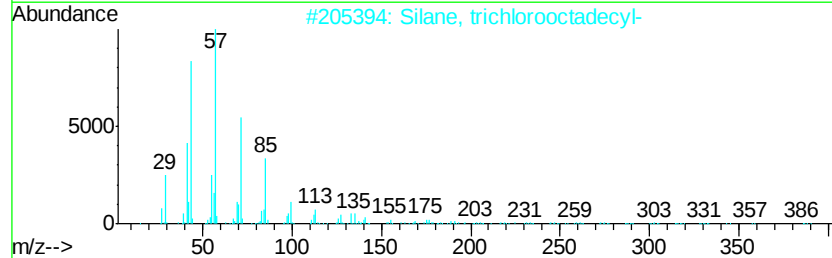
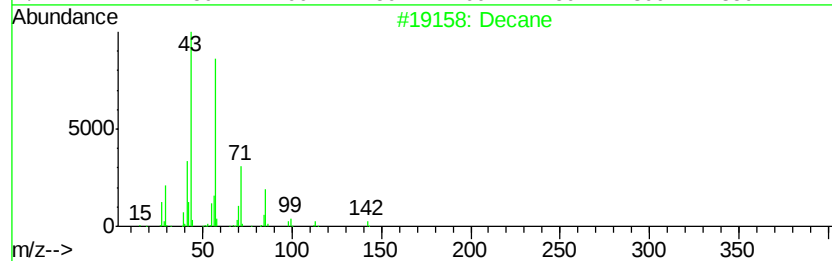
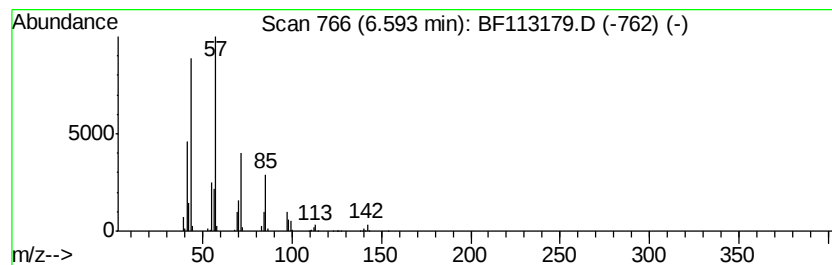
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	137.50 ng	6804490	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	87
2	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	86
3	Octane, 4-ethyl-		142	C10H22	015869-86-0	81
4	Tetradecane		198	C14H30	000629-59-4	64
5	Nonane, 2-methyl-		142	C10H22	000871-83-0	64



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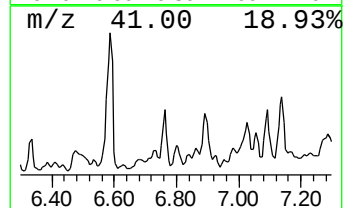
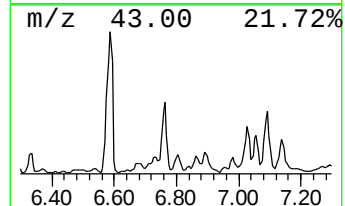
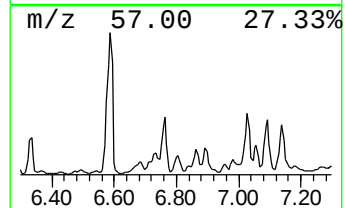
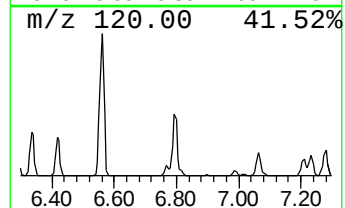
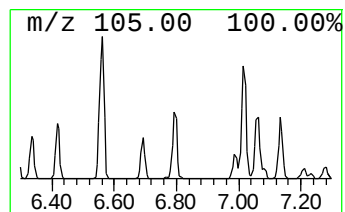
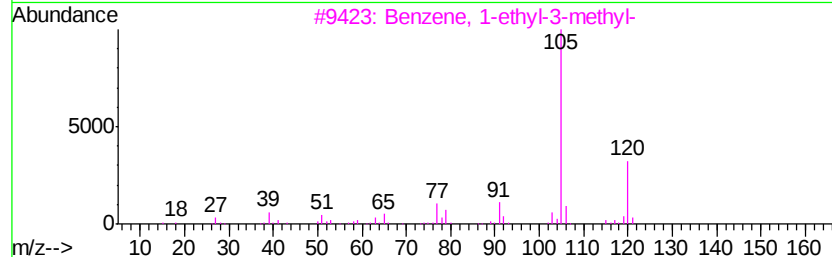
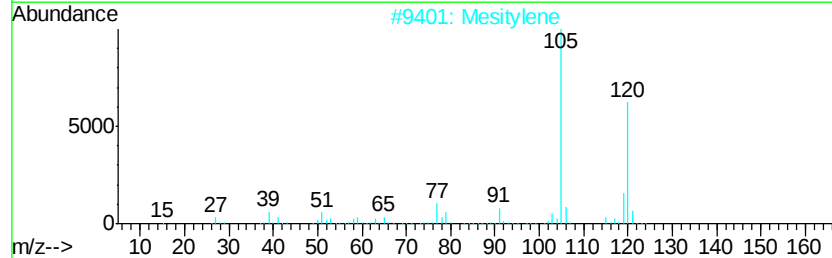
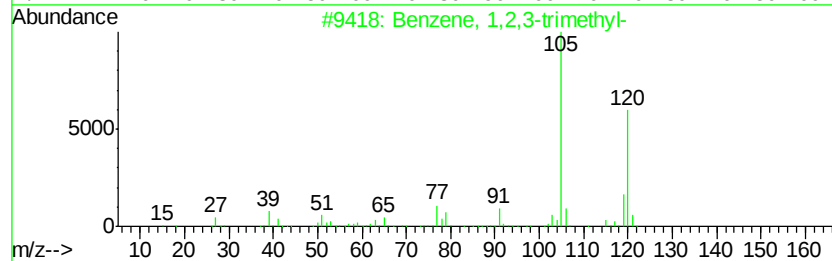
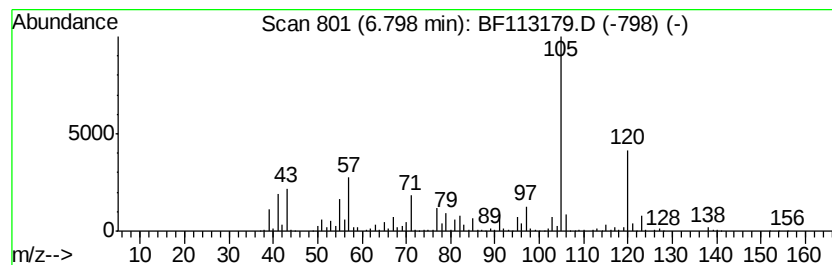
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	53.80 ng	2662380	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
2		Mesitylene	120	C9H12	000108-67-8	70
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	62



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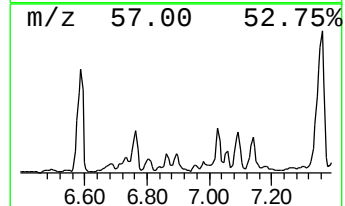
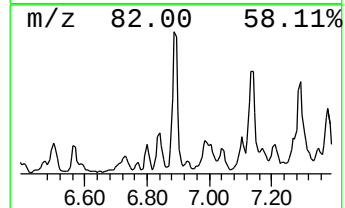
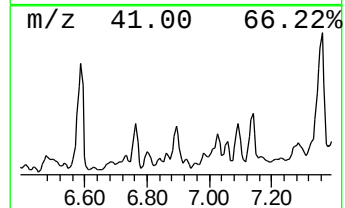
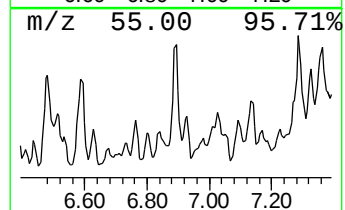
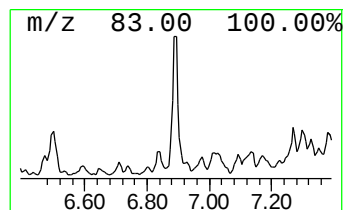
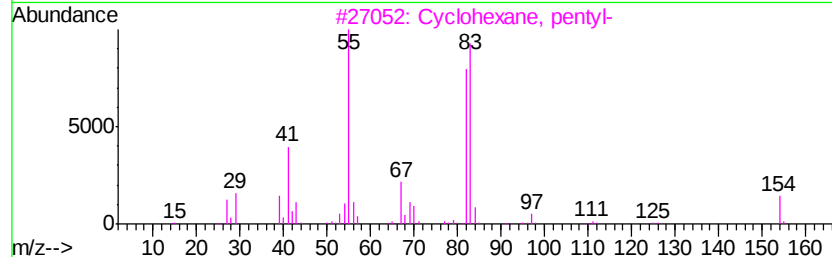
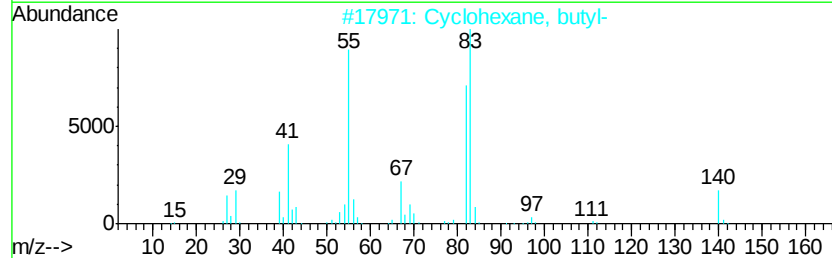
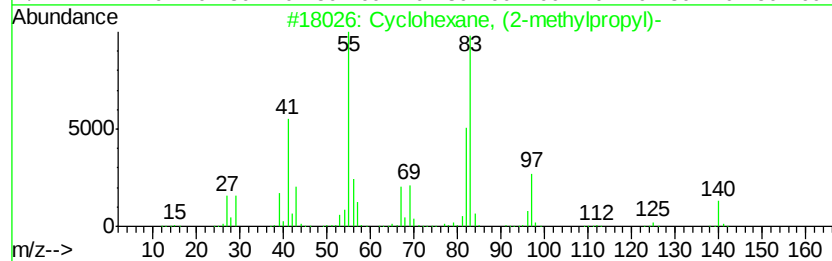
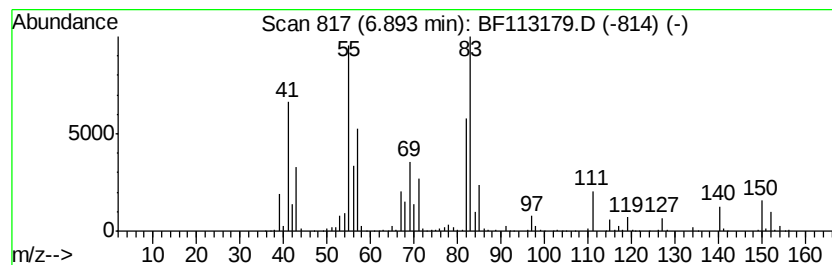
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, (2-methylpropyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	57.51 ng	2846080	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	52
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	47
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47



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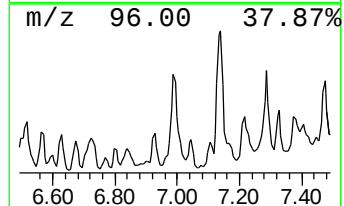
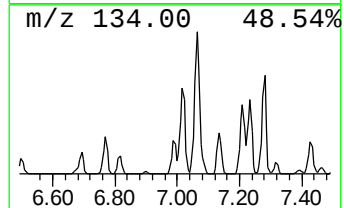
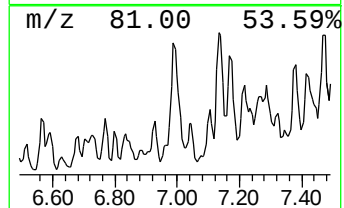
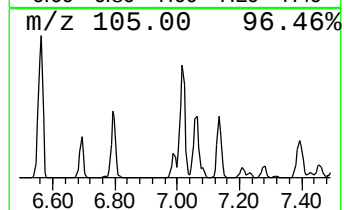
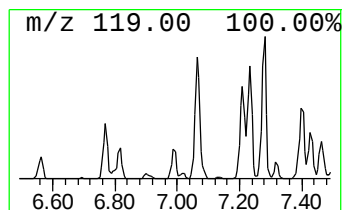
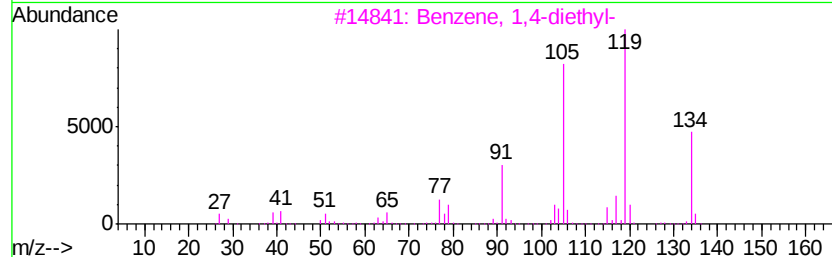
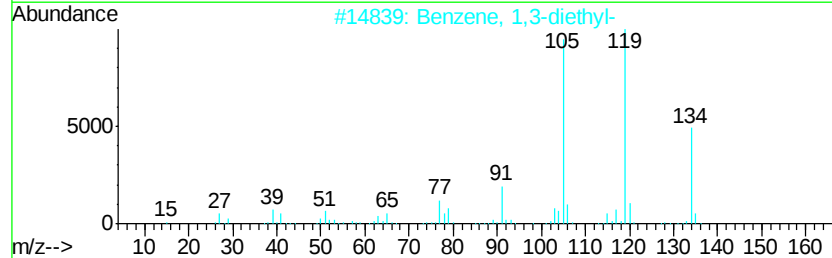
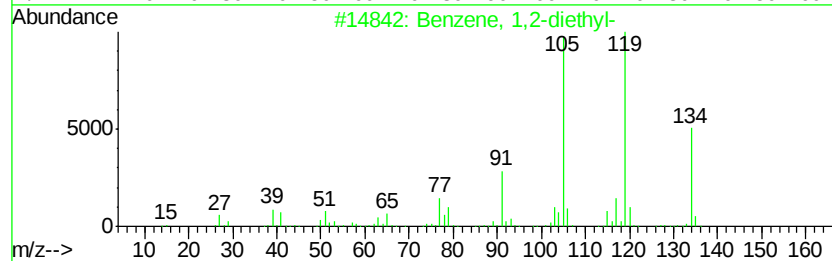
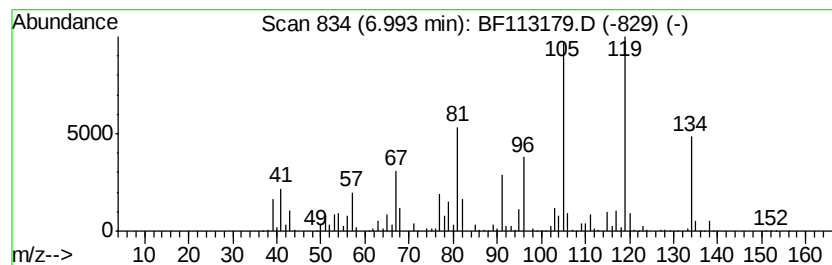
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	44.03 ng	2178800	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
5		o-Cymene	134	C10H14	000527-84-4	70



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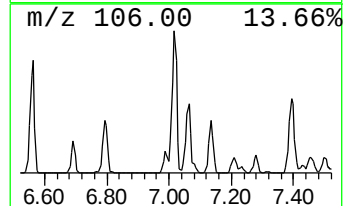
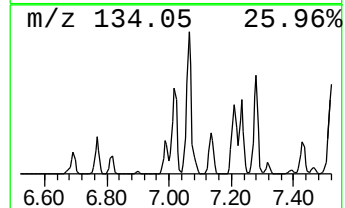
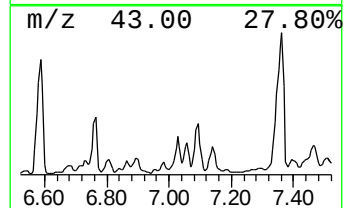
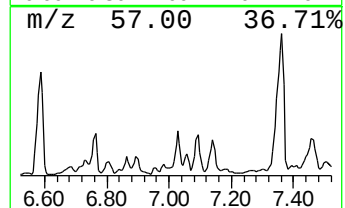
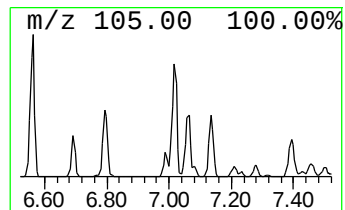
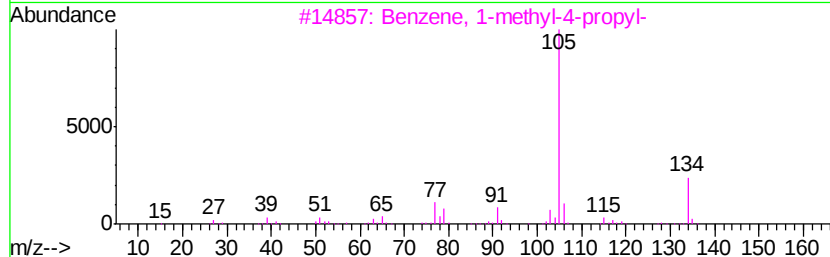
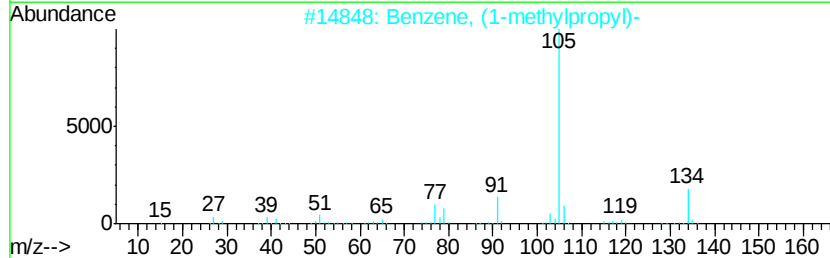
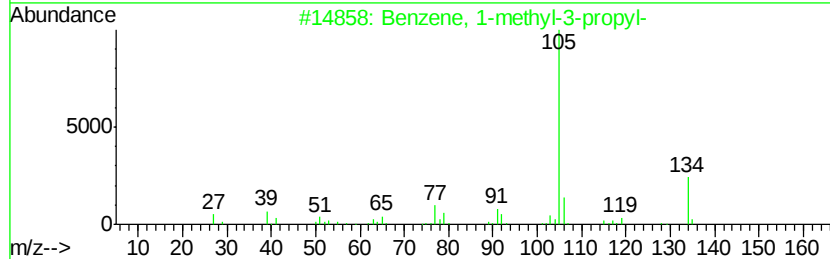
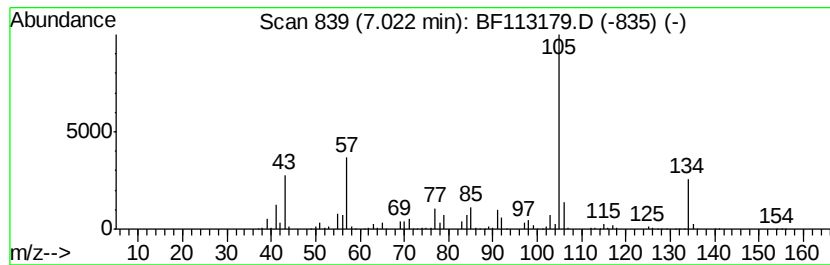
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	88.84 ng	4396610	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
5		2-Tolyloxirane	134	C9H10O	002783-26-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
Operator : JU/SJ
Sample : K1994-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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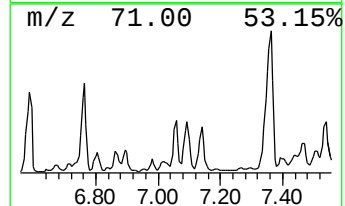
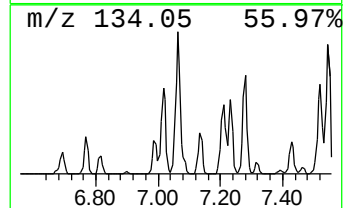
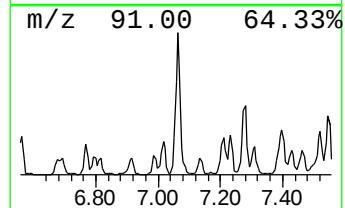
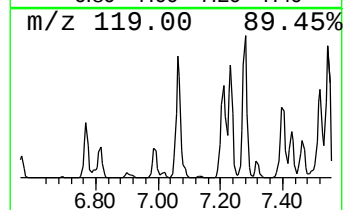
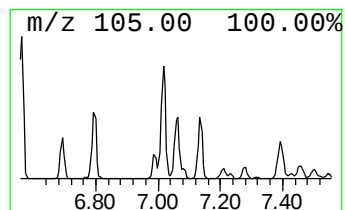
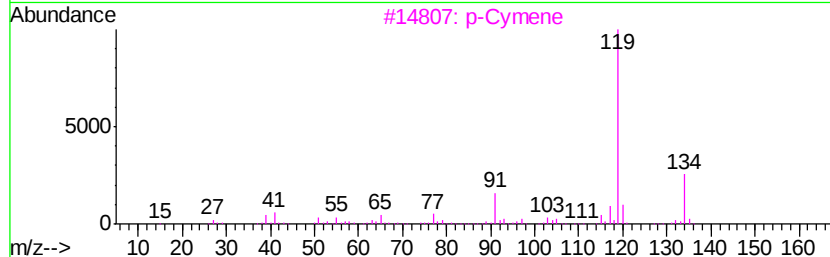
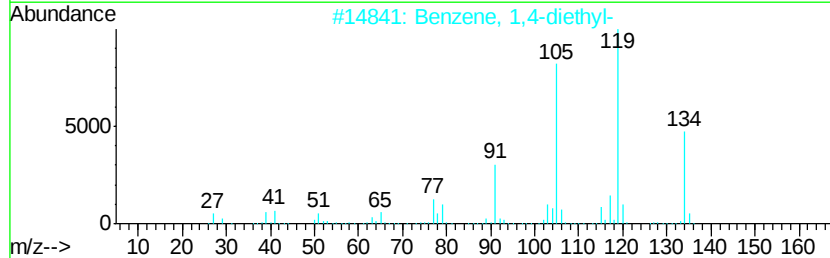
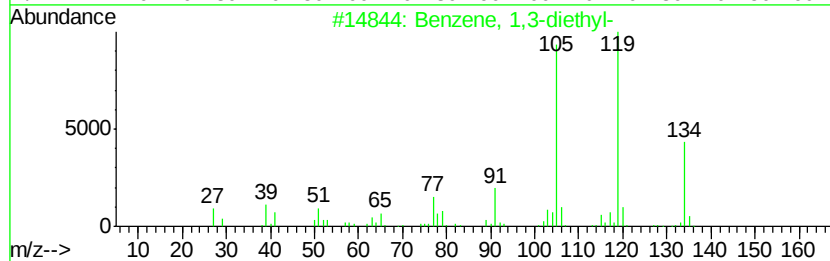
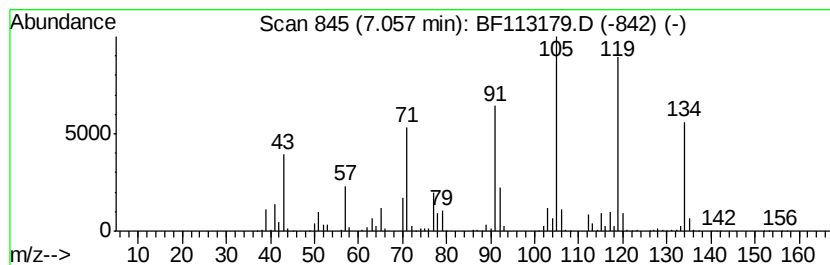
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	91.69 ng	4537510	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		p-Cymene	134	C10H14	000099-87-6	93
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
Operator : JU/SJ
Sample : K1994-01 5X
Misc :
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Instrument :
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ClientSampleId :
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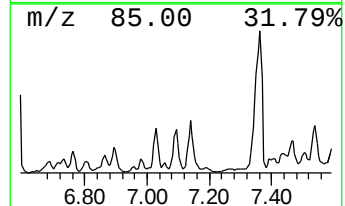
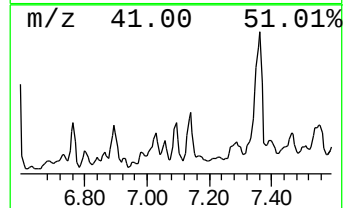
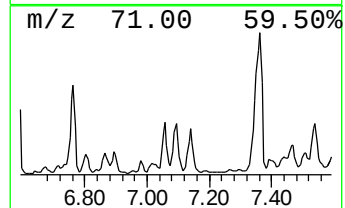
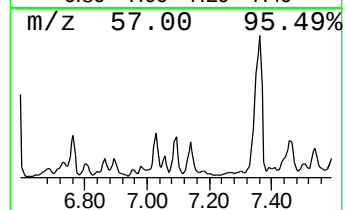
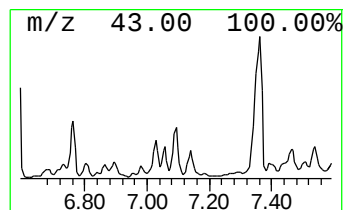
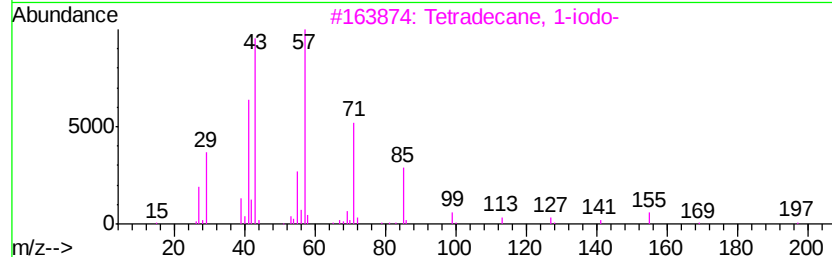
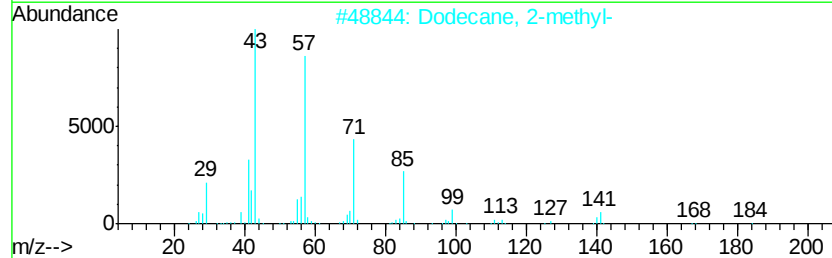
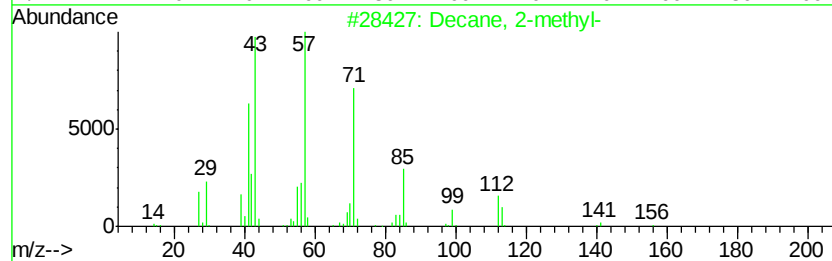
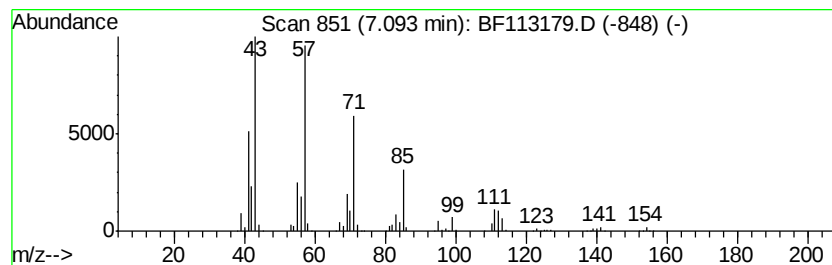
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	53.30 ng	2637480	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	64
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
4			2,3-Dimethyldodecane	198	C14H30	006117-98-2	53
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
Operator : JU/SJ
Sample : K1994-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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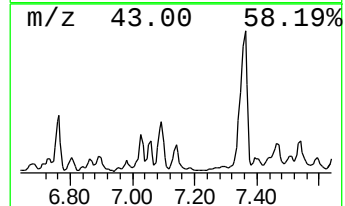
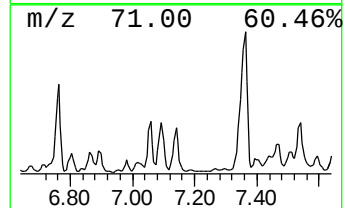
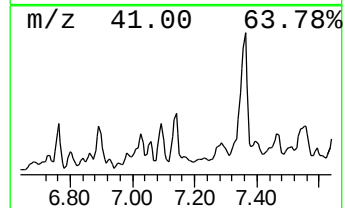
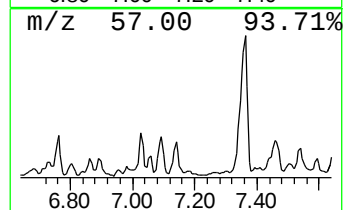
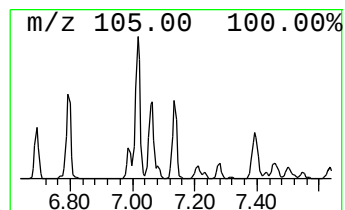
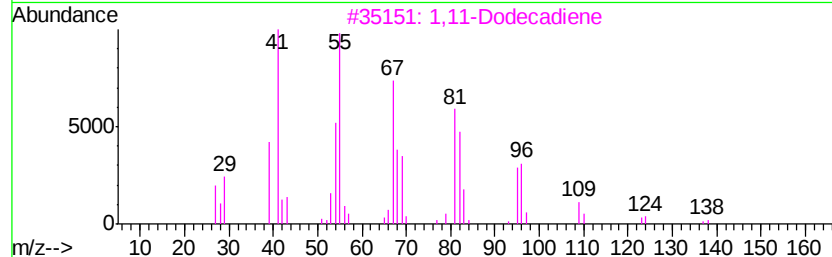
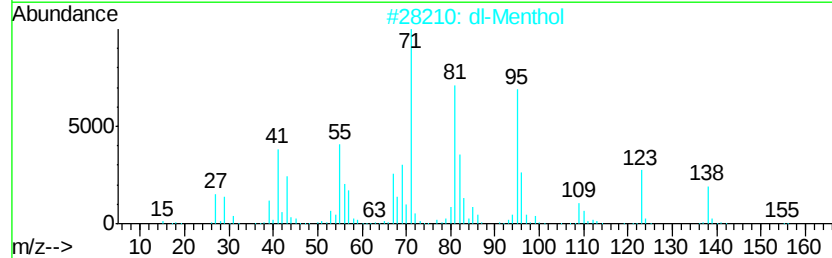
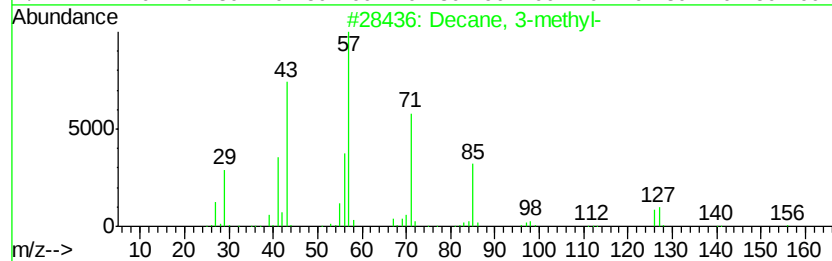
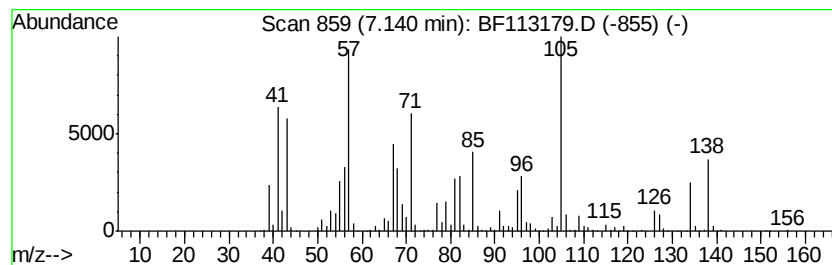
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown7.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	103.93 ng	5143020	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	38
2		dl-Menthol	156	C10H20O	000089-78-1	27
3		1,11-Dodecadiene	166	C12H22	005876-87-9	22
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	22
5		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
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Sample : K1994-01 5X
Misc :
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Instrument :
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ClientSampleId :
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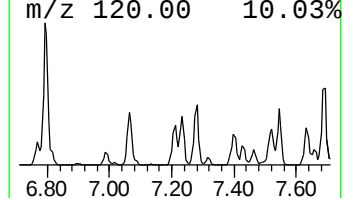
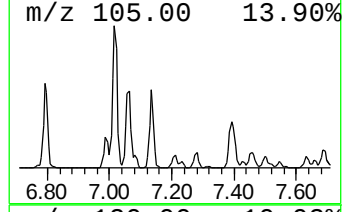
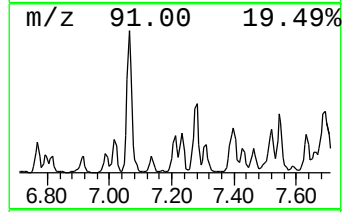
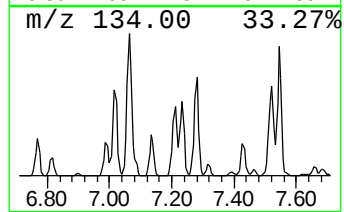
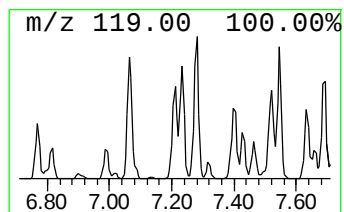
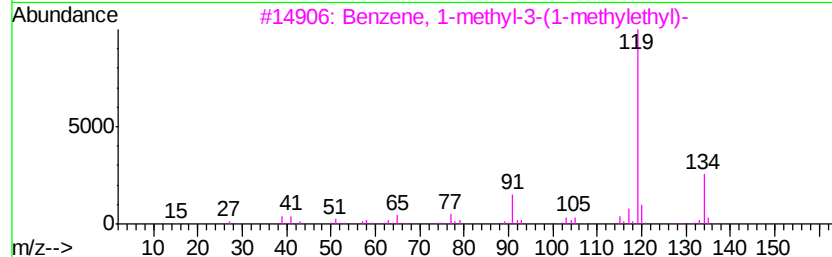
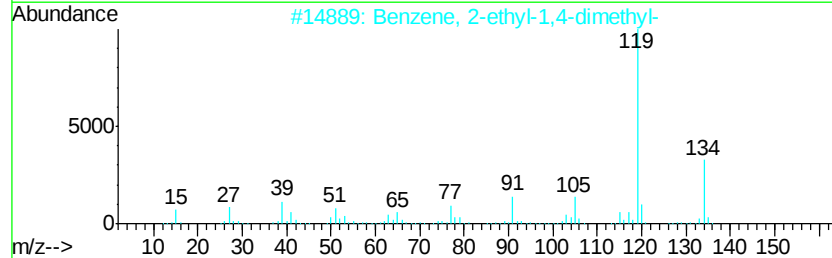
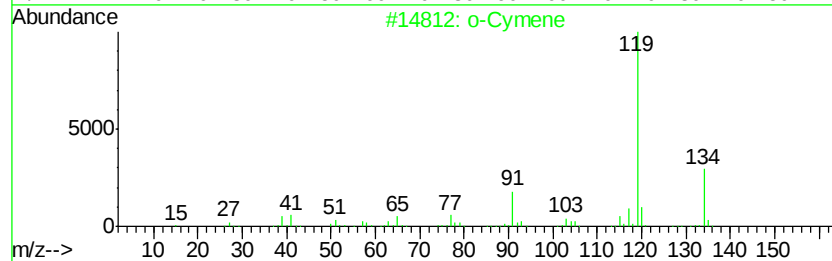
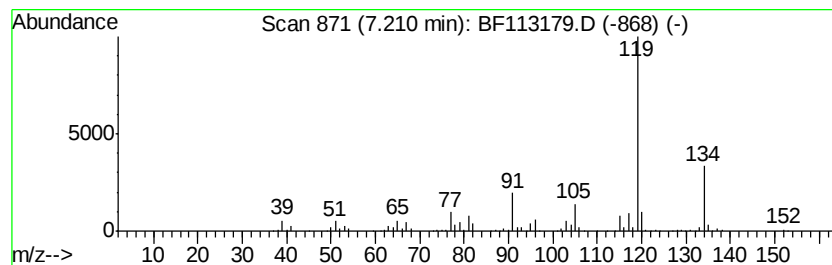
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	39.66 ng	1962440	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
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Sample : K1994-01 5X
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Instrument :
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ClientSampleId :
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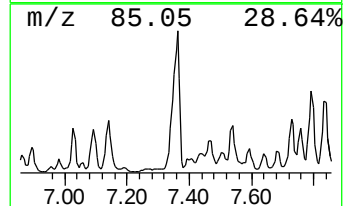
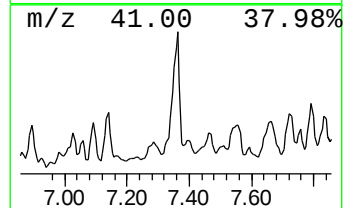
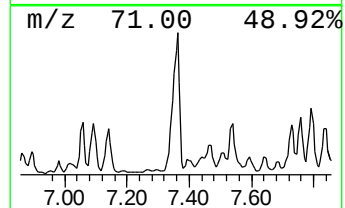
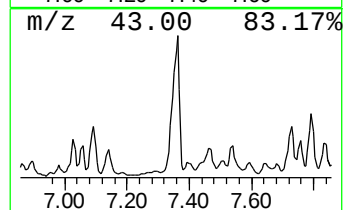
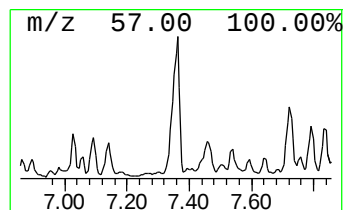
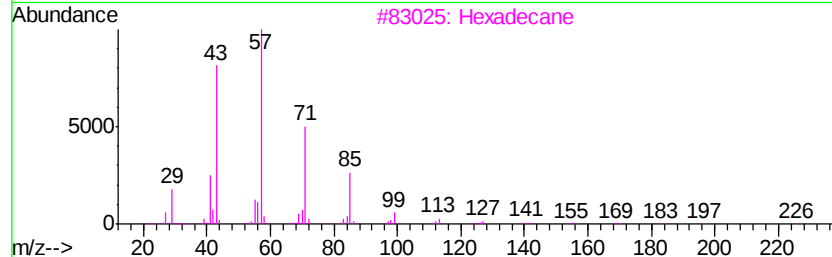
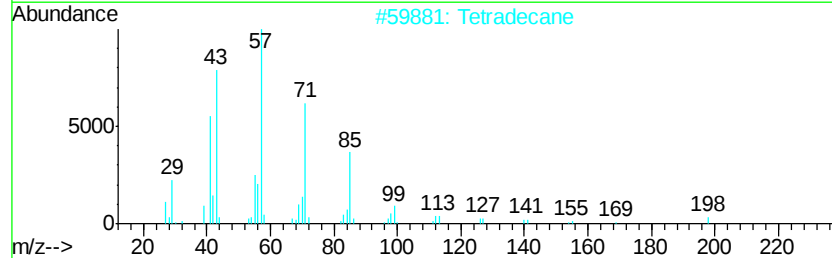
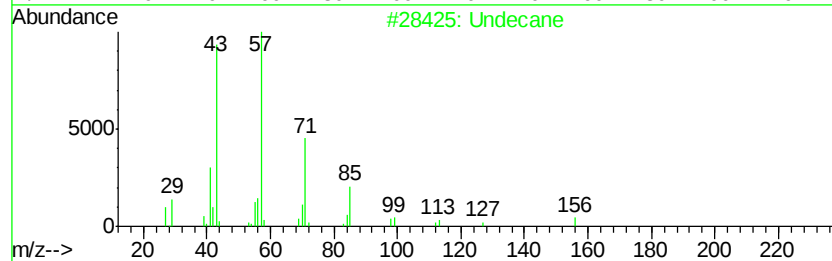
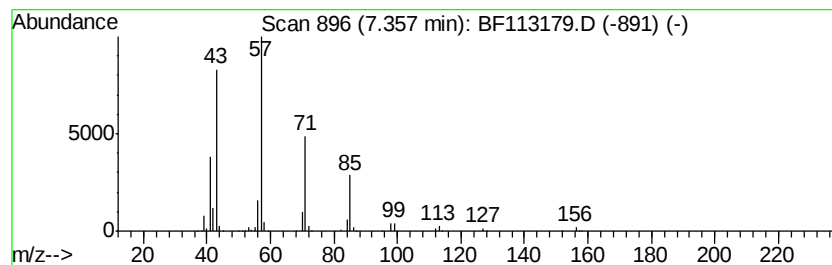
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	174.19 ng	8620090	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Tridecane		184	C13H28	000629-50-5	83
5	Sulfurous acid, hexyl octyl ester		278	C14H30O3S	1000309-13-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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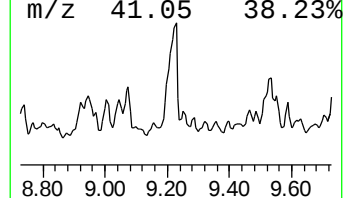
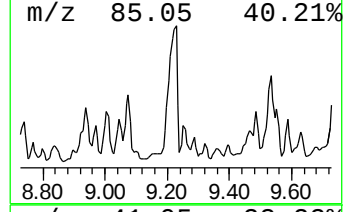
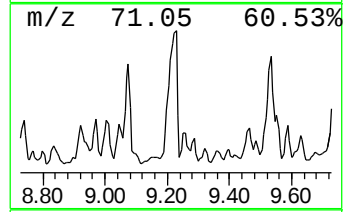
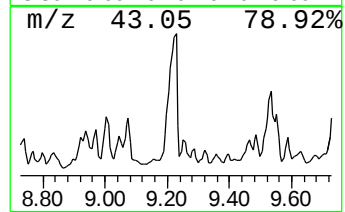
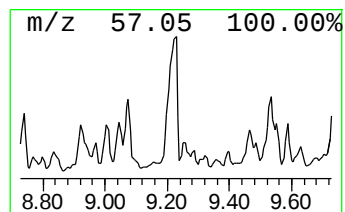
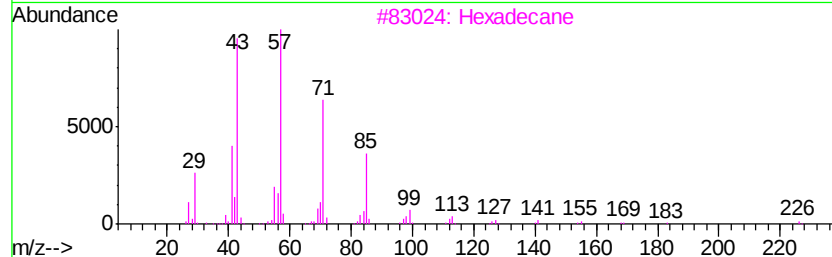
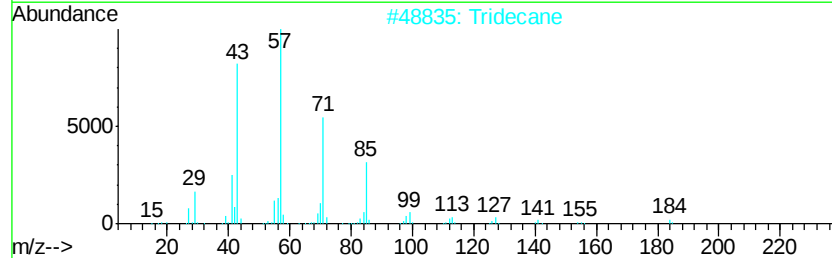
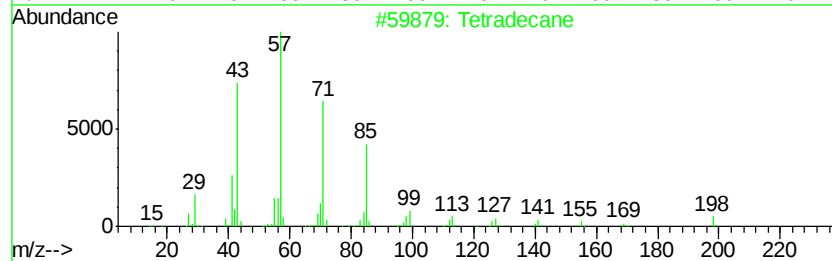
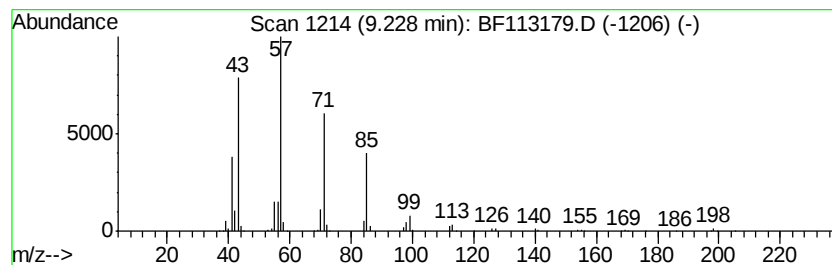
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	83.34 ng	10319300	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	94
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Pentadecane	212	C15H32	000629-62-9	83
5		Nonadecane	268	C19H40	000629-92-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
Operator : JU/SJ
Sample : K1994-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30200-05

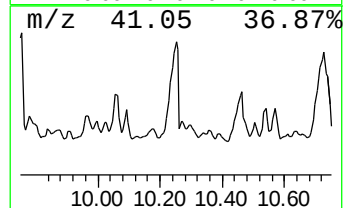
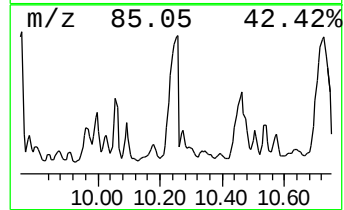
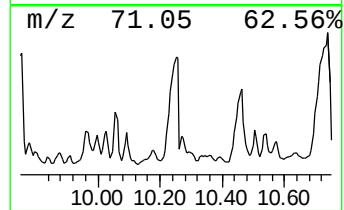
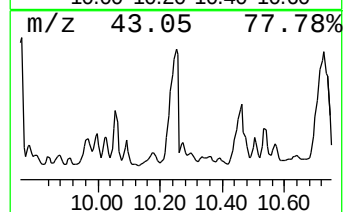
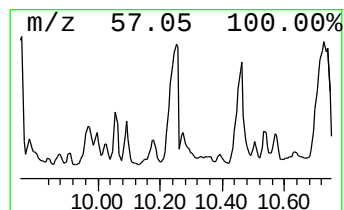
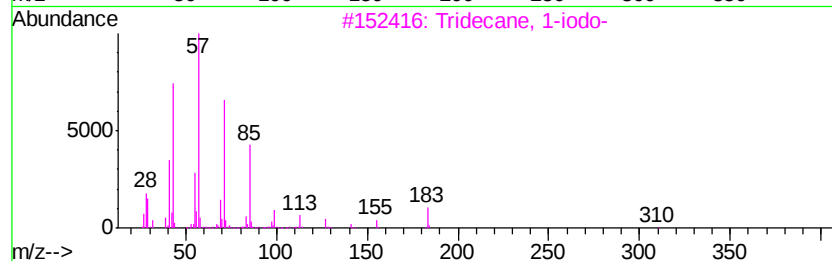
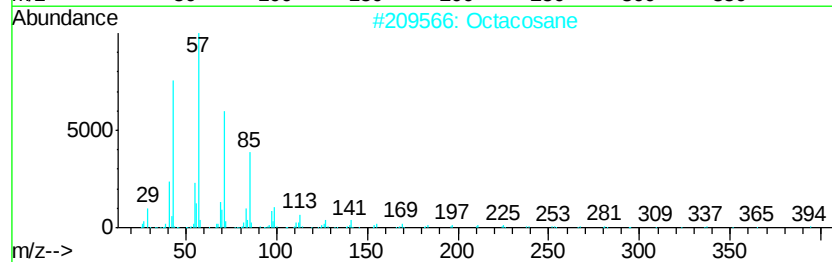
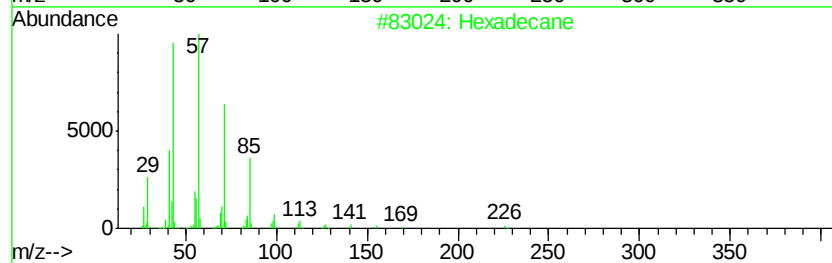
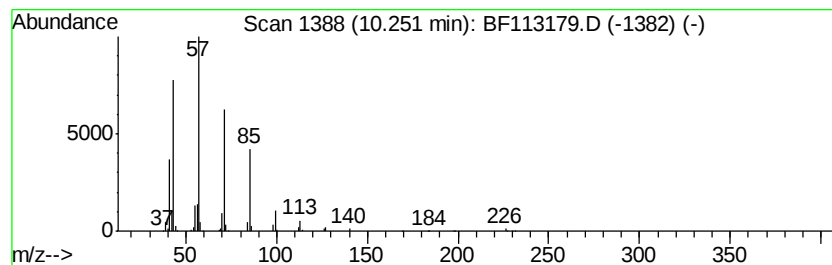
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	65.56 ng	8117460	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Octacosane	394	C28H58	000630-02-4	83
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
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Sample : K1994-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30200-05

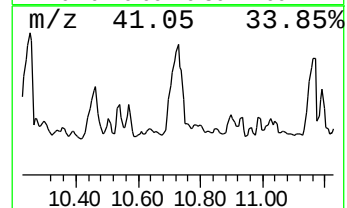
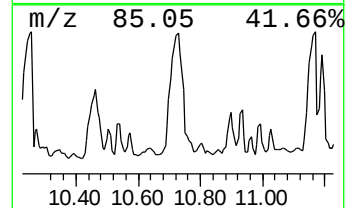
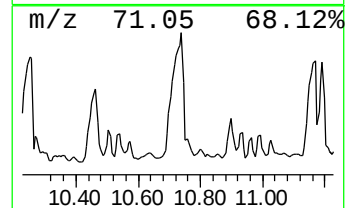
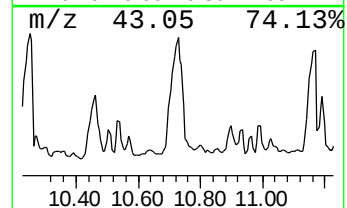
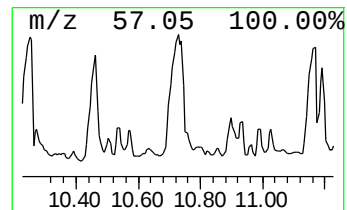
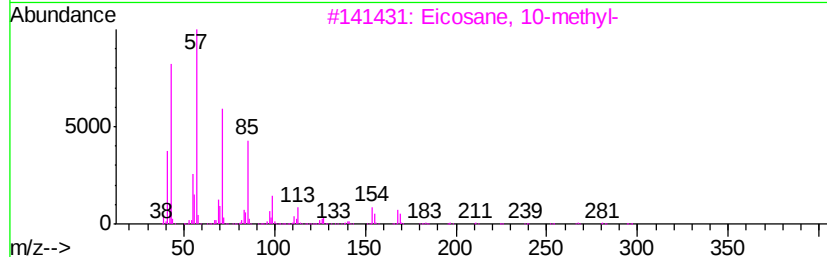
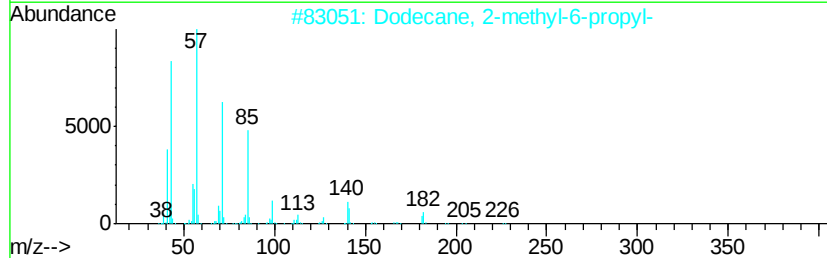
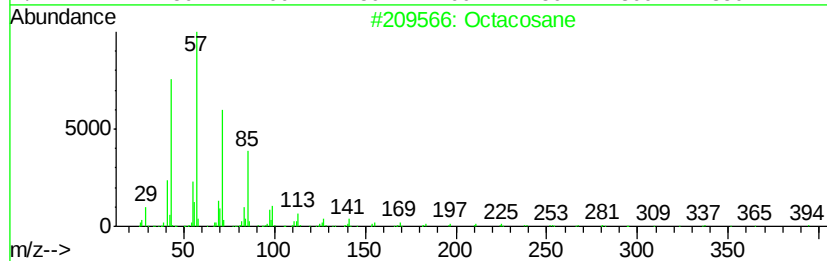
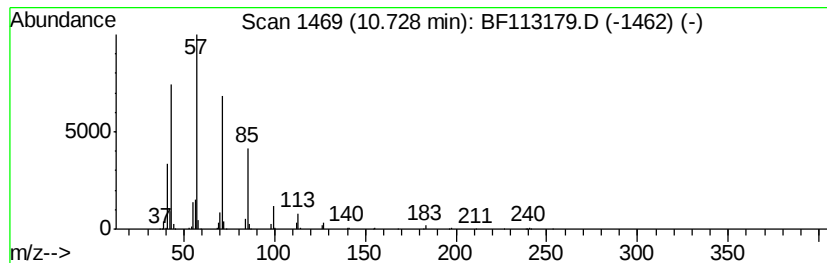
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	44.88 ng	9224080	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4		Eicosane	282	C20H42	000112-95-8	83
5		Pentadecane	212	C15H32	000629-62-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
Operator : JU/SJ
Sample : K1994-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30200-05

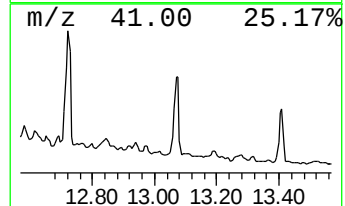
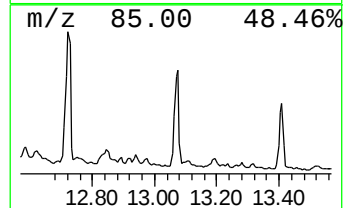
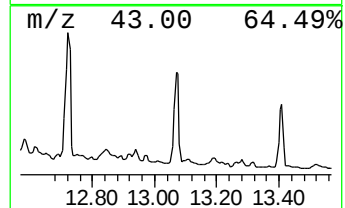
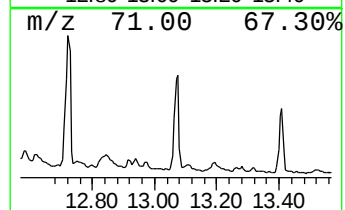
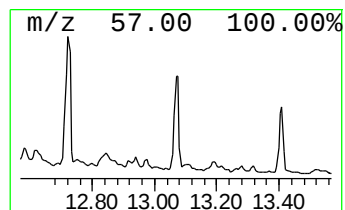
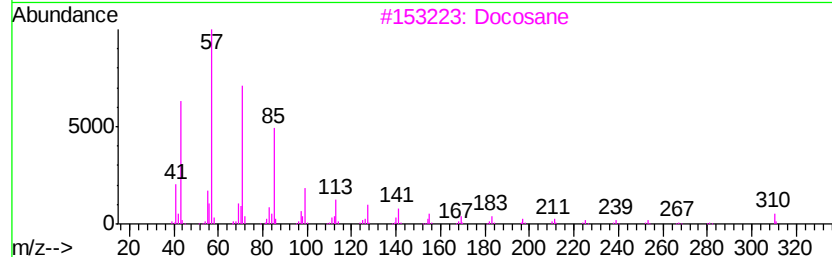
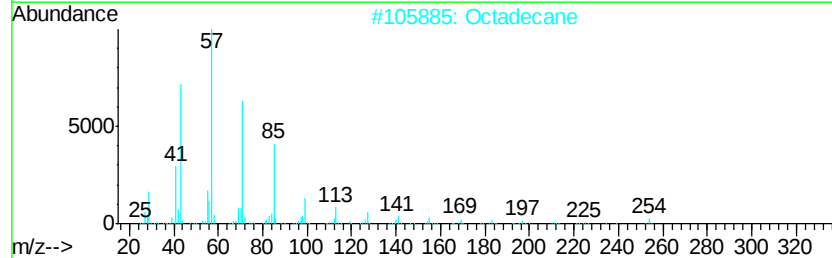
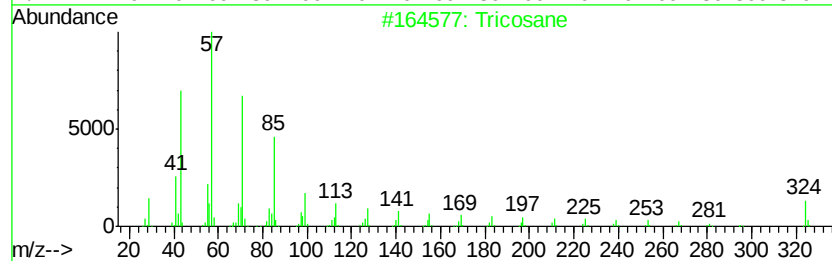
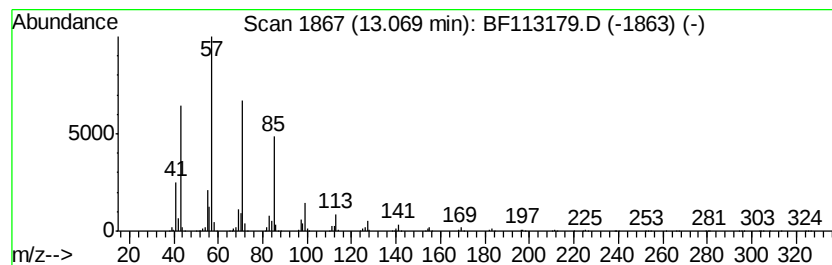
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	73.52 ng	3609560	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Octadecane	254	C18H38	000593-45-3	91
3		Docosane	310	C22H46	000629-97-0	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113179.D
Acq On : 20 Mar 2019 19:01
Operator : JU/SJ
Sample : K1994-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
30200-05

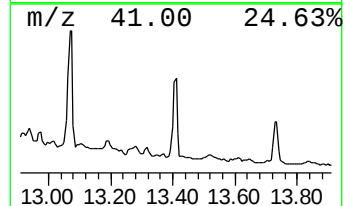
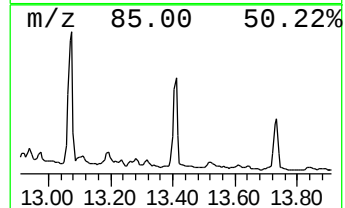
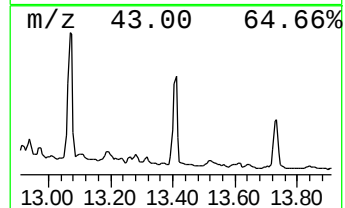
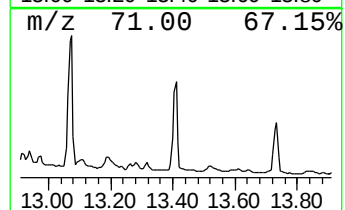
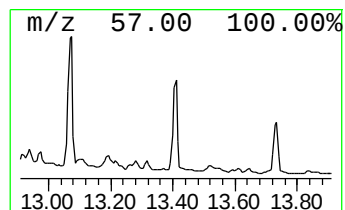
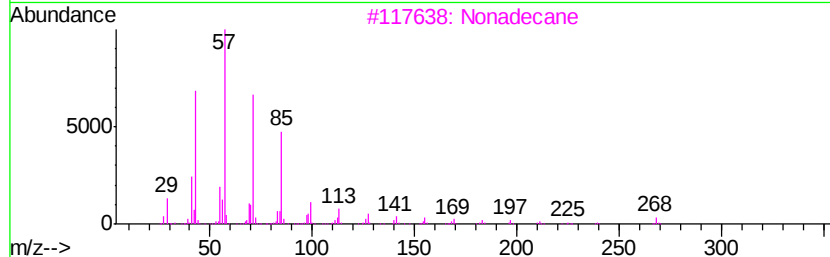
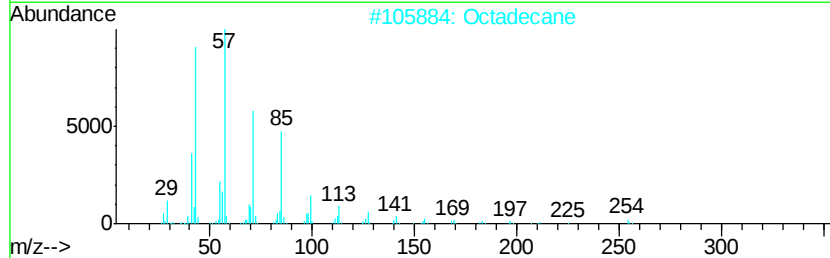
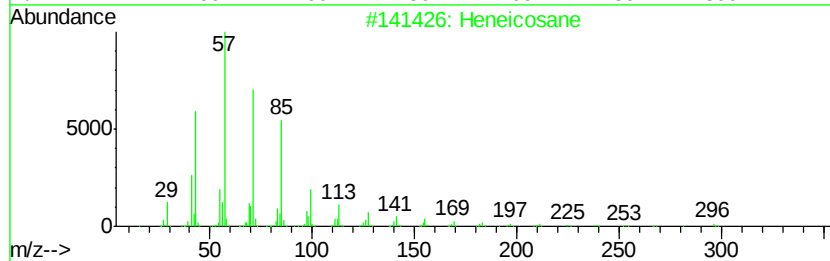
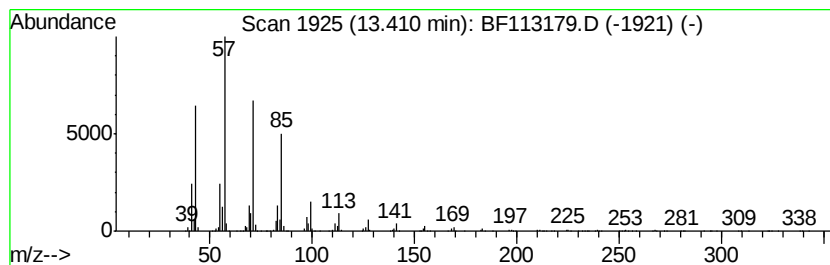
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	49.06 ng	2408560	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
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 Operator : JU/SJ
 Sample : K1994-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30200-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane	5.64	38.2	ng	1889810	1	6.73	989753	20.0
unknown5.98	5.98	47.5	ng	2348880	1	6.73	989753	20.0
Benzene, propyl-	6.19	44.2	ng	2189220	1	6.73	989753	20.0
Benzene, 1-ethyl-...	6.26	96.4	ng	4771980	1	6.73	989753	20.0
Benzene, 1,2,3-tr...	6.56	70.2	ng	3471570	1	6.73	989753	20.0
Decane	6.59	137.5	ng	6804490	1	6.73	989753	20.0
Benzene, 1-ethyl-...	6.80	53.8	ng	2662380	1	6.73	989753	20.0
Cyclohexane, (2-m...	6.89	57.5	ng	2846080	1	6.73	989753	20.0
Benzene, 1,2-diet...	6.99	44.0	ng	2178800	1	6.73	989753	20.0
Benzene, 1-methyl...	7.02	88.8	ng	4396610	1	6.73	989753	20.0
Benzene, 1,3-diet...	7.06	91.7	ng	4537510	1	6.73	989753	20.0
Decane, 2-methyl-	7.09	53.3	ng	2637480	1	6.73	989753	20.0
unknown7.14	7.14	103.9	ng	5143020	1	6.73	989753	20.0
o-Cymene	7.21	39.7	ng	1962440	1	6.73	989753	20.0
Undecane	7.36	174.2	ng	8620090	1	6.73	989753	20.0
Tetradecane	9.23	83.3	ng	10319300	3	9.79	2476410	20.0
Hexadecane	10.25	65.6	ng	8117460	3	9.79	2476410	20.0
Octacosane	10.73	44.9	ng	9224080	4	11.27	4110780	20.0
Tricosane	13.07	73.5	ng	3609560	5	13.87	981973	20.0
Heneicosane	13.41	49.1	ng	2408560	5	13.87	981973	20.0