

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113603.D
 Acq On : 5 Apr 2019 00:55
 Operator : JU/SJ
 Sample : K2193-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-B

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-BF040319.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	542	545	553	rBV	1143931	1205494	19.37%	1.092%
2	5.587	591	595	601	rBV	392884	381870	6.14%	0.346%
3	5.828	631	636	641	rVB2	261267	308812	4.96%	0.280%
4	5.928	650	653	660	rVB2	624471	797159	12.81%	0.722%
5	5.987	660	663	666	rBV	233542	244725	3.93%	0.222%
6	6.122	680	686	689	rBV3	401106	550233	8.84%	0.498%
7	6.187	695	697	699	rBV	452196	360620	5.79%	0.327%
8	6.222	699	703	705	rBV2	610464	691672	11.11%	0.626%
9	6.281	710	713	718	rBV2	1002061	1015611	16.32%	0.920%
10	6.334	718	722	725	rBV	1566891	1505687	24.20%	1.364%
11	6.428	734	738	740	rBV	536596	700926	11.26%	0.635%
12	6.457	740	743	746	rVV	1766043	1789058	28.75%	1.620%
13	6.534	750	756	760	rVB2	3571535	3604015	57.91%	3.264%
14	6.622	768	771	772	rBV	253493	230169	3.70%	0.208%
15	6.657	776	777	779	rVV2	230501	220244	3.54%	0.199%
16	6.681	779	781	784	rVV2	1064281	1143742	18.38%	1.036%
17	6.710	784	786	789	rVB2	1447478	1188272	19.09%	1.076%
18	6.745	789	792	797	rBV3	1063468	1148220	18.45%	1.040%
19	6.787	797	799	801	rVV2	225663	219275	3.52%	0.199%
20	6.810	801	803	805	rVV	451347	394517	6.34%	0.357%
21	6.840	805	808	812	rVV2	2197695	2324857	37.36%	2.105%
22	6.869	812	813	816	rVB	440559	380628	6.12%	0.345%
23	6.940	820	825	826	rBV4	374285	555605	8.93%	0.503%
24	6.969	826	830	833	rVV2	1261227	1753493	28.18%	1.588%
25	7.004	833	836	839	rVV2	1461591	1496435	24.05%	1.355%
26	7.040	839	842	846	rVB	1308624	1324106	21.28%	1.199%
27	7.081	846	849	853	rBV	2085975	2119869	34.07%	1.920%
28	7.157	860	862	864	rBV2	338654	332912	5.35%	0.301%
29	7.228	869	874	876	rVV3	1107921	1612999	25.92%	1.461%
30	7.251	876	878	880	rVV2	1048334	1045059	16.79%	0.946%
31	7.275	880	882	883	rVV2	614587	524469	8.43%	0.475%
32	7.304	883	887	889	rVV	4825982	4764109	76.56%	4.314%
33	7.340	889	893	897	rVB4	974804	1441472	23.16%	1.305%
34	7.375	897	899	902	rBV4	507569	709285	11.40%	0.642%

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35	7.410	902	905	908	rVB3	942606	970132	15.59%	0.879%
36	7.445	908	911	912	rBV2	362788	333527	5.36%	0.302%
37	7.492	915	919	924	rVB3	1523435	2250144	36.16%	2.038%
38	7.534	924	926	928	rBV2	354205	261999	4.21%	0.237%
39	7.598	931	937	941	rBV5	1132985	2495573	40.10%	2.260%
40	7.663	945	948	951	rVV2	1107969	1375431	22.10%	1.246%
41	7.698	951	954	958	rVV3	1565466	2364913	38.00%	2.142%
42	7.734	958	960	964	rVV2	1860578	1885021	30.29%	1.707%
43	7.775	965	967	969	rVV2	1049784	1003962	16.13%	0.909%
44	7.810	969	973	976	rVB3	1275764	1562478	25.11%	1.415%
45	7.845	976	979	981	rBV	515622	545325	8.76%	0.494%
46	7.881	983	985	987	rVB2	400368	302613	4.86%	0.274%
47	7.916	988	991	992	rBV	396967	363887	5.85%	0.330%
48	7.934	992	994	995	rVV3	776737	644989	10.36%	0.584%
49	7.969	995	1000	1003	rVV2	5112232	6222965	100.00%	5.635%
50	7.992	1003	1004	1007	rVV2	558907	703196	11.30%	0.637%
51	8.022	1007	1009	1011	rVV2	948812	961813	15.46%	0.871%
52	8.045	1011	1013	1015	rVV	2285620	1702741	27.36%	1.542%
53	8.069	1015	1017	1020	rVV2	731058	698637	11.23%	0.633%
54	8.098	1020	1022	1024	rVB3	487587	394025	6.33%	0.357%
55	8.145	1025	1030	1032	rBV4	533834	787248	12.65%	0.713%
56	8.169	1032	1034	1039	rVV2	629520	889419	14.29%	0.805%
57	8.216	1039	1042	1044	rVV3	341872	332499	5.34%	0.301%
58	8.269	1046	1051	1054	rVV5	1415108	2102625	33.79%	1.904%
59	8.328	1058	1061	1063	rBV2	1323011	1134851	18.24%	1.028%
60	8.357	1063	1066	1069	rVV2	1593209	1427399	22.94%	1.293%
61	8.404	1069	1074	1079	rVV4	2255274	2678219	43.04%	2.425%
62	8.439	1079	1080	1083	rVB2	634990	381031	6.12%	0.345%
63	8.475	1083	1086	1089	rBV3	1494937	1356609	21.80%	1.229%
64	8.516	1090	1093	1095	rBV4	417854	401121	6.45%	0.363%
65	8.575	1099	1103	1106	rBV	4093207	4438825	71.33%	4.020%
66	8.634	1110	1113	1115	rVV2	934833	960312	15.43%	0.870%
67	8.669	1115	1119	1121	rVB2	846001	920738	14.80%	0.834%
68	8.792	1138	1140	1145	rVB3	745680	857546	13.78%	0.777%
69	8.851	1148	1150	1152	rBV	767703	680547	10.94%	0.616%
70	8.881	1152	1155	1157	rVV3	656570	860446	13.83%	0.779%
71	8.898	1157	1158	1160	rVV	428849	368700	5.92%	0.334%

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72	8.934	1162	1164	1167	rVB	1006503	780731	12.55%	0.707%
73	8.975	1168	1171	1173	rBV	736051	681930	10.96%	0.618%
74	8.998	1173	1175	1179	rVB2	1474786	1304332	20.96%	1.181%
75	9.039	1179	1182	1187	rVB	1404309	1334039	21.44%	1.208%
76	9.139	1194	1199	1202	rBV	3421443	3571338	57.39%	3.234%
77	9.198	1207	1209	1211	rVB	368952	243344	3.91%	0.220%
78	9.363	1234	1237	1238	rBV3	230081	253974	4.08%	0.230%
79	9.381	1238	1240	1243	rVV2	655131	818668	13.16%	0.741%
80	9.404	1243	1244	1247	rVV	588571	491625	7.90%	0.445%
81	9.451	1247	1252	1254	rVV2	1369002	1808541	29.06%	1.638%
82	9.475	1254	1256	1259	rVV	766735	729496	11.72%	0.661%
83	9.510	1259	1262	1264	rVV3	541721	515553	8.28%	0.467%
84	9.539	1264	1267	1272	rVB6	221265	326586	5.25%	0.296%
85	9.663	1285	1288	1291	rVB	2333646	1924337	30.92%	1.743%
86	9.698	1291	1294	1295	rBV2	432978	357426	5.74%	0.324%
87	9.716	1295	1297	1300	rVV	1055825	973464	15.64%	0.882%
88	9.886	1323	1326	1329	rVV4	270335	401756	6.46%	0.364%
89	9.916	1329	1331	1334	rVV3	291388	344504	5.54%	0.312%
90	9.981	1338	1342	1346	rVV5	429069	509711	8.19%	0.462%
91	10.157	1368	1372	1374	rVB	1267164	1078744	17.33%	0.977%
92	10.375	1405	1409	1412	rVB	390156	362137	5.82%	0.328%
93	10.504	1426	1431	1434	rBV2	811296	804958	12.94%	0.729%
94	10.622	1449	1451	1460	rVB	843121	1018407	16.37%	0.922%
95	11.069	1524	1527	1530	rBV	444644	357646	5.75%	0.324%
96	11.198	1545	1549	1552	rBV	920590	899776	14.46%	0.815%
97	12.286	1729	1734	1738	rBV2	165581	254766	4.09%	0.231%
98	12.774	1813	1817	1820	rBV	1230511	1173633	18.86%	1.063%
99	13.827	1992	1996	1999	rBV	761863	710641	11.42%	0.644%
100	15.233	2231	2235	2245	rVB	485098	686589	11.03%	0.622%

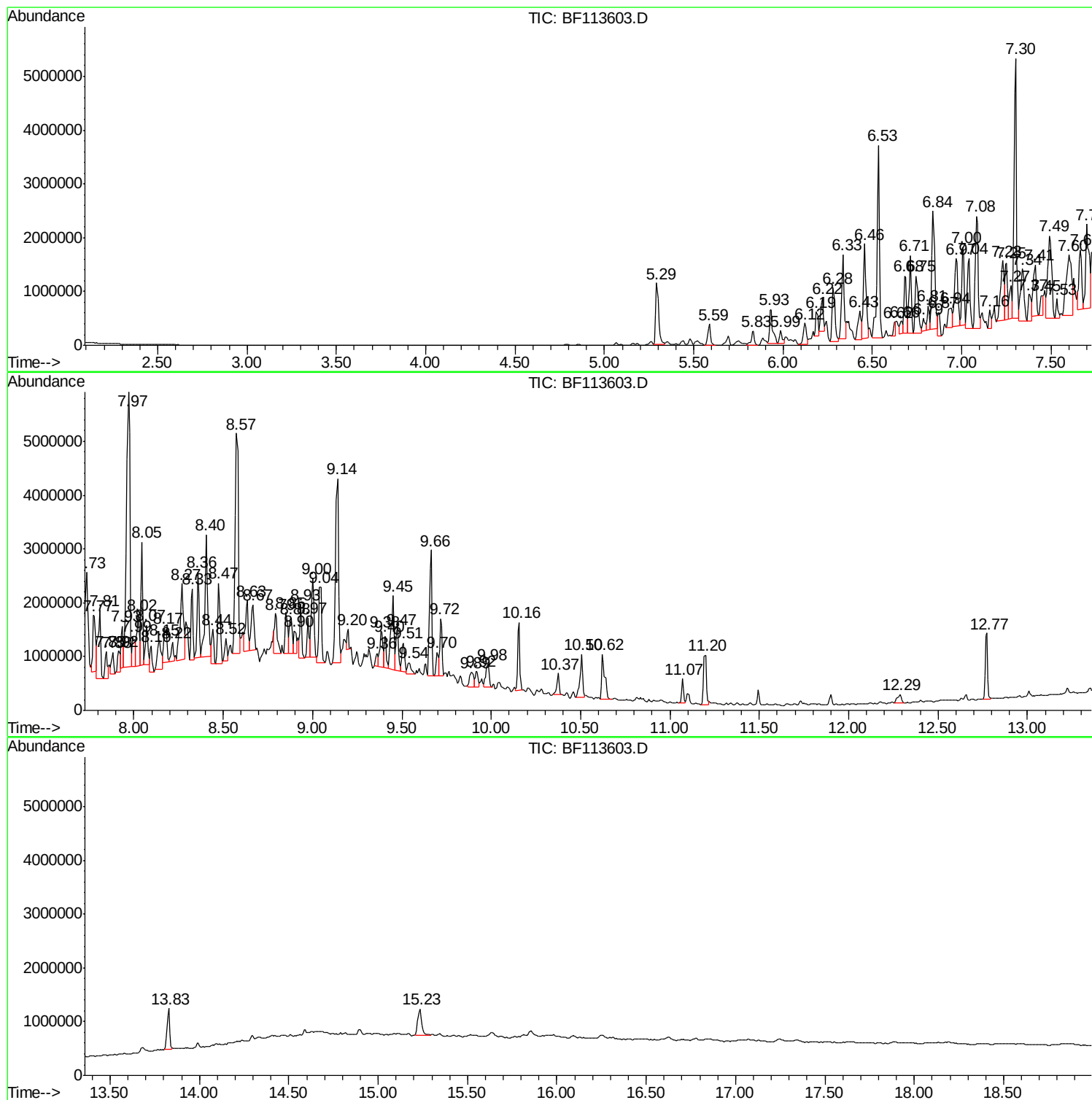
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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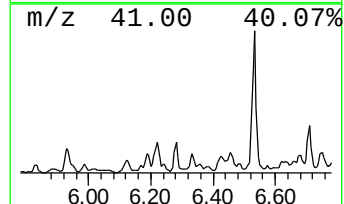
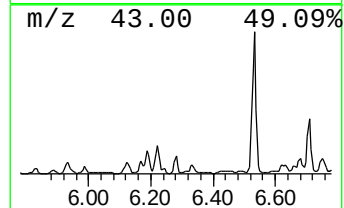
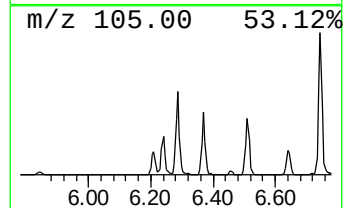
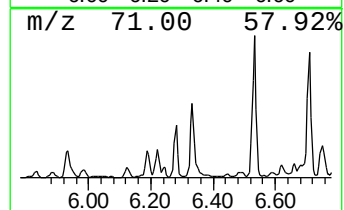
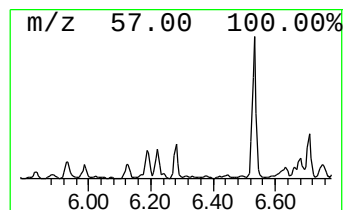
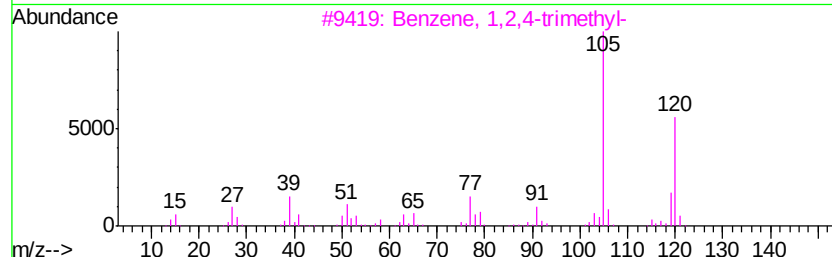
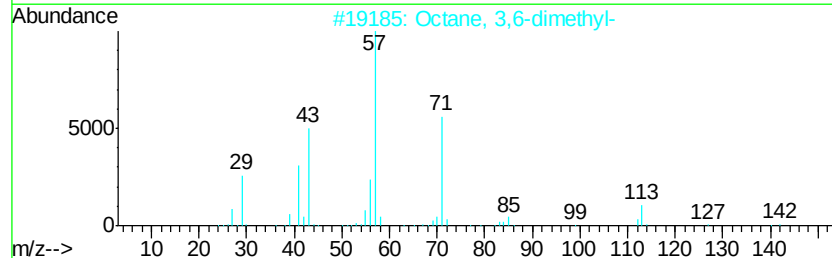
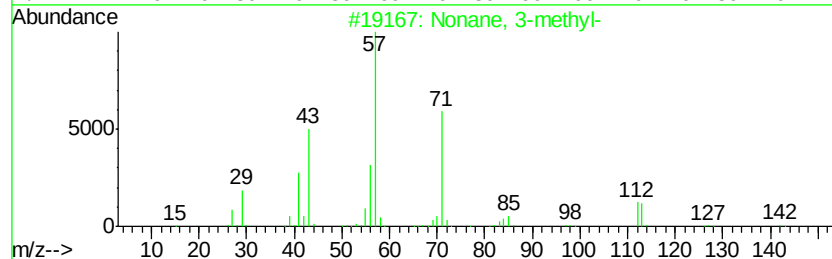
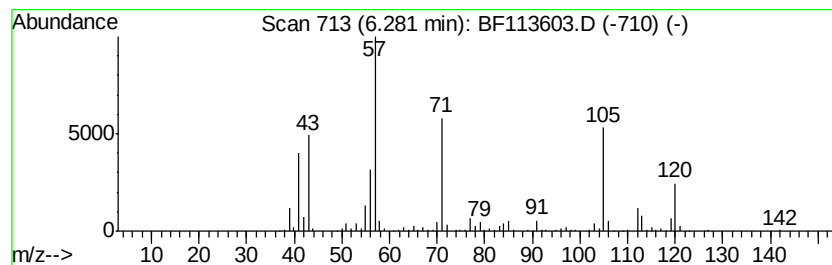
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	17.76 ng	1015610	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	92
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	60
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	38
4		Mesitylene	120	C9H12	000108-67-8	35
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	35



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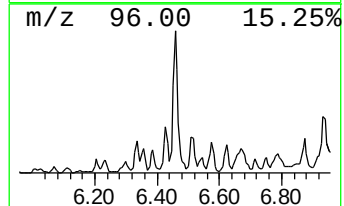
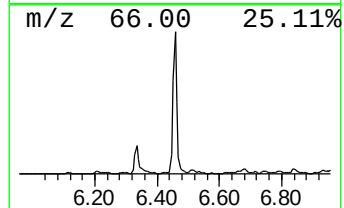
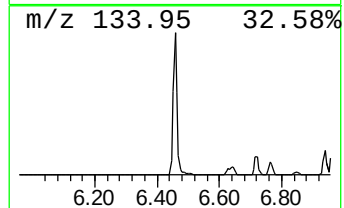
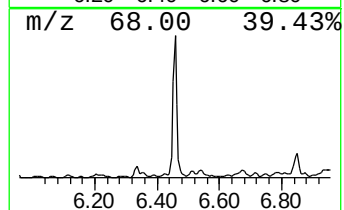
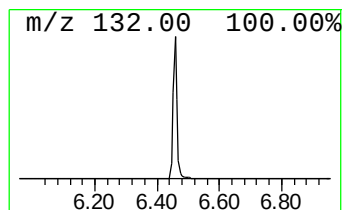
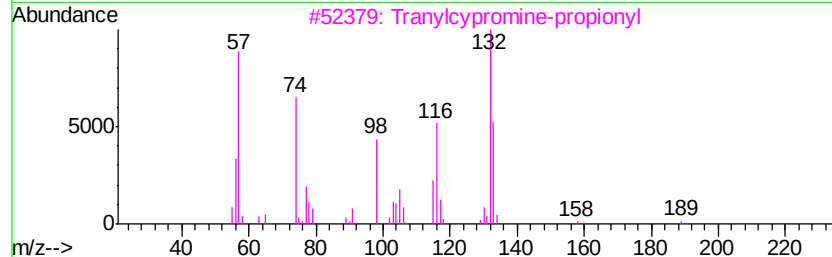
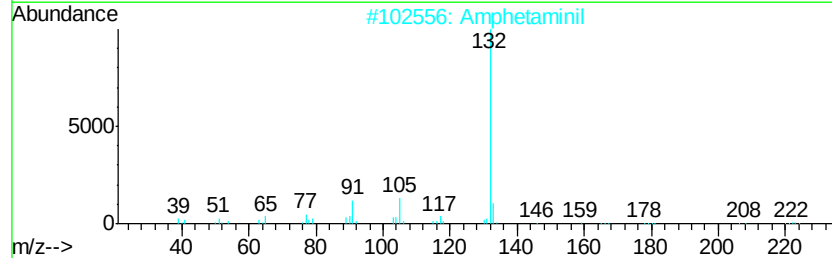
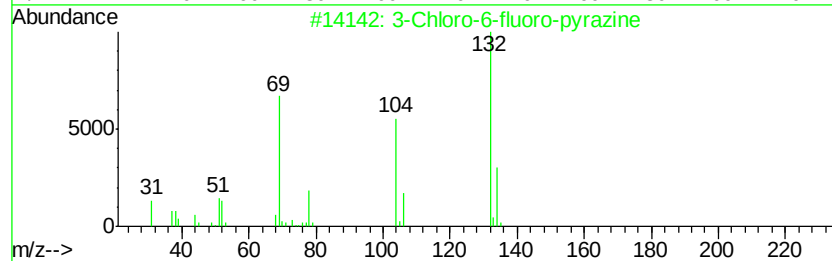
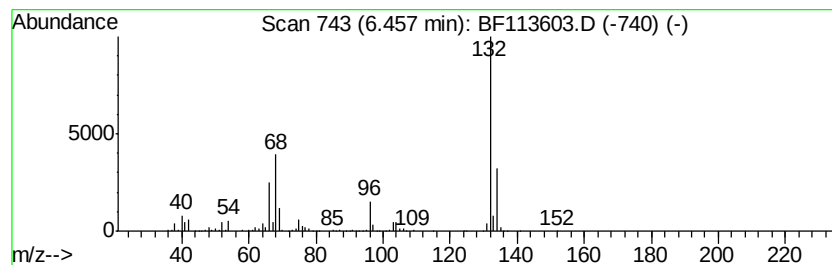
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Peak Number 2 unknown6.46 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	31.28 ng	1789060	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2		Amphetaminil	250	C17H18N2	017590-01-1	12
3		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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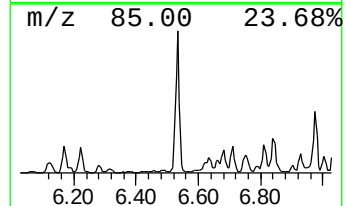
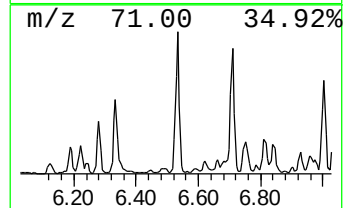
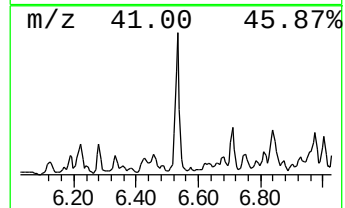
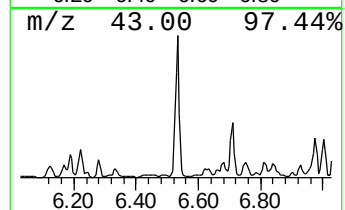
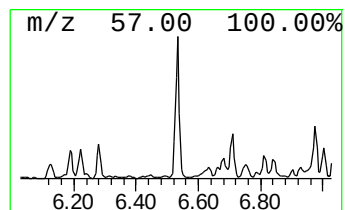
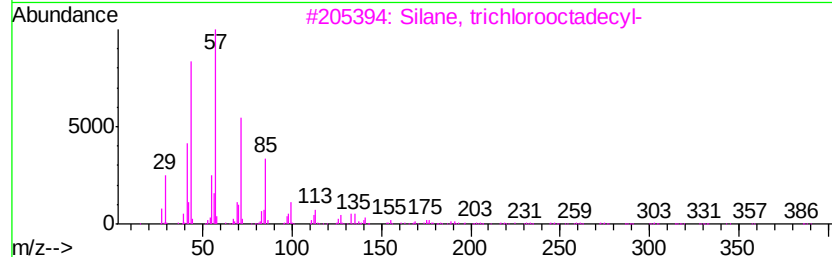
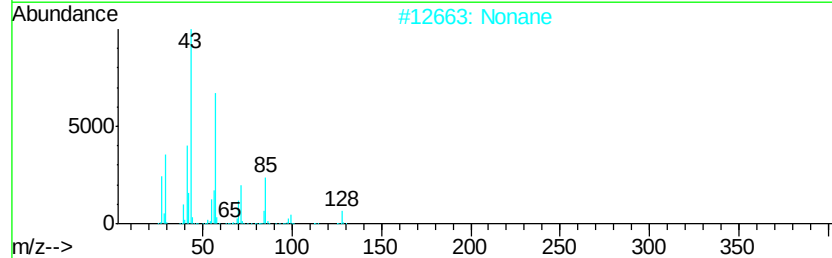
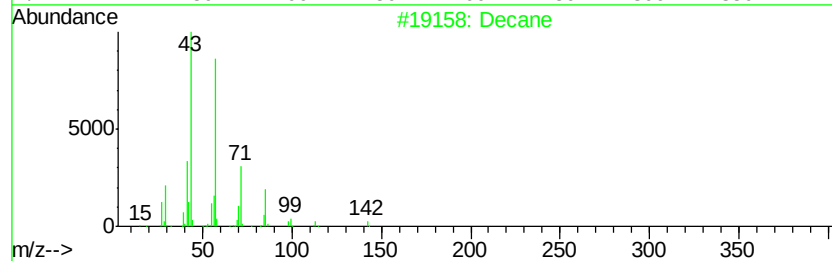
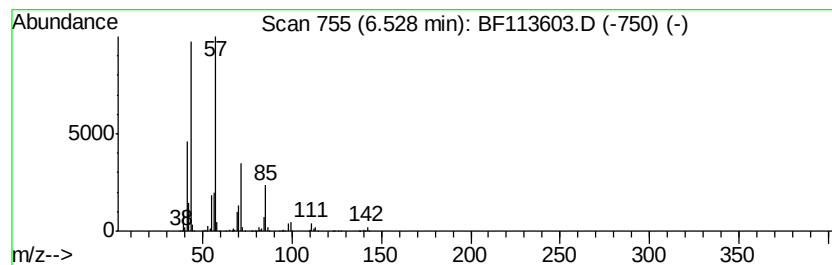
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	63.02 ng	3604020	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Nonane	128	C9H20	000111-84-2	90
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
4		Undecane	156	C11H24	001120-21-4	72
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72



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Acq On : 5 Apr 2019 00:55
Operator : JU/SJ
Sample : K2193-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-040319-B

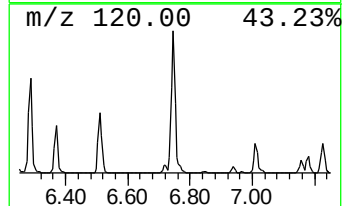
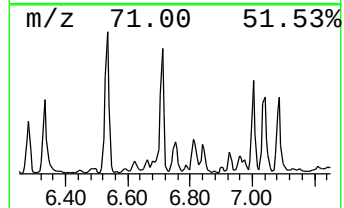
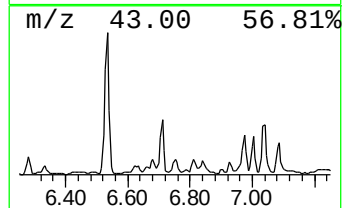
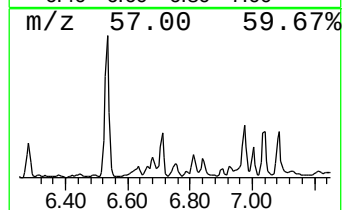
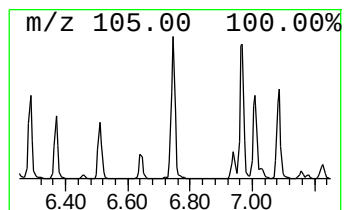
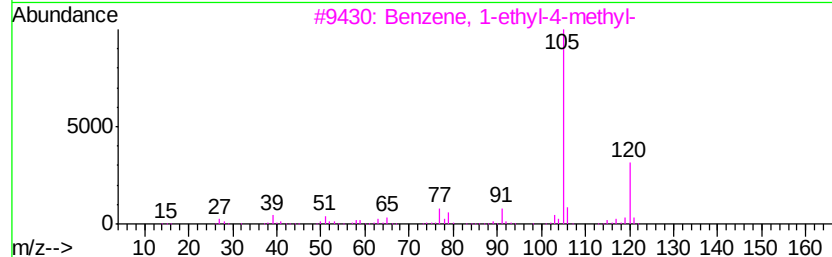
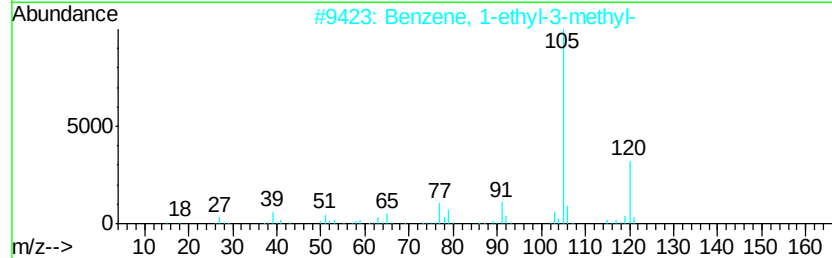
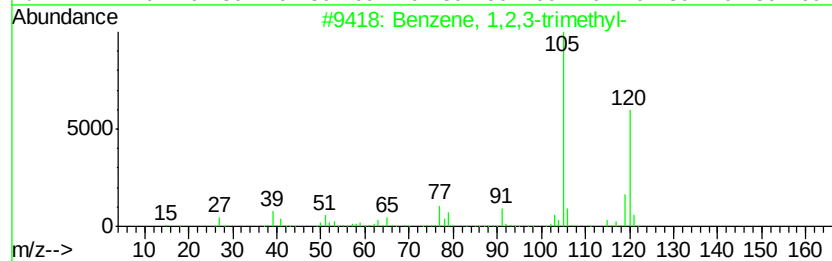
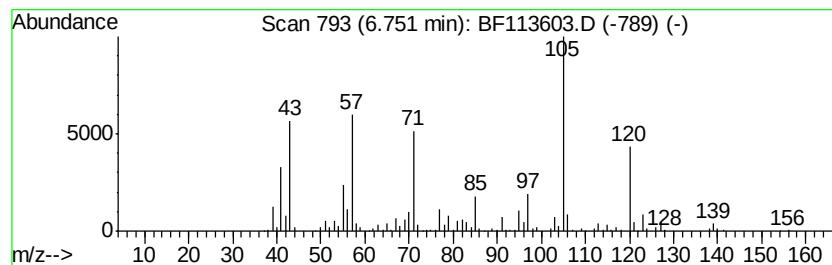
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	20.08 ng	1148220	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76



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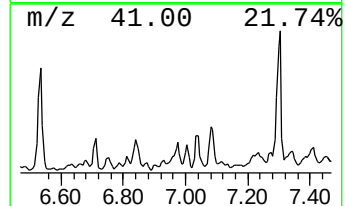
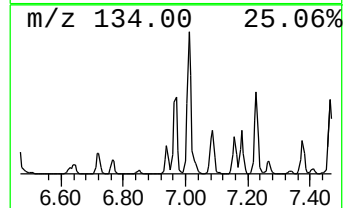
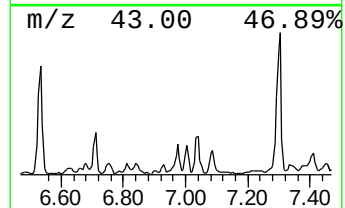
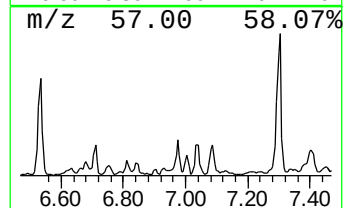
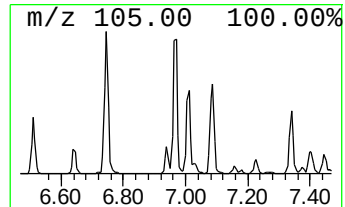
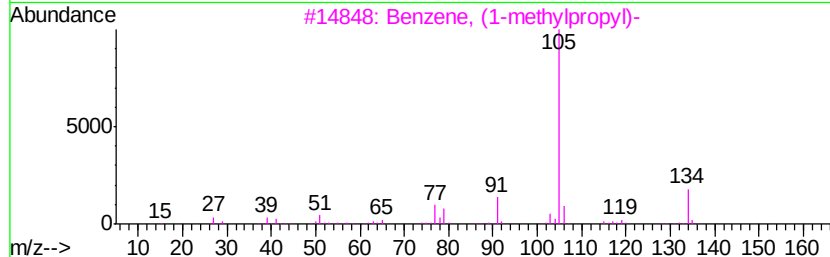
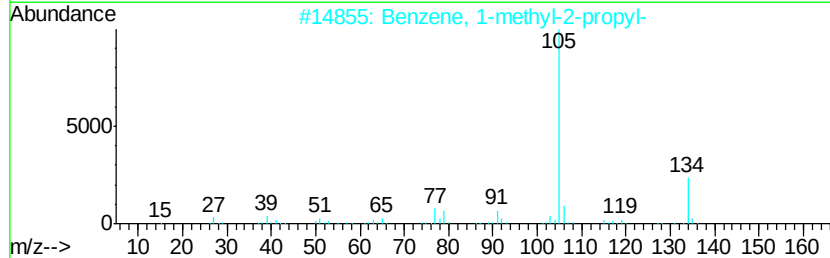
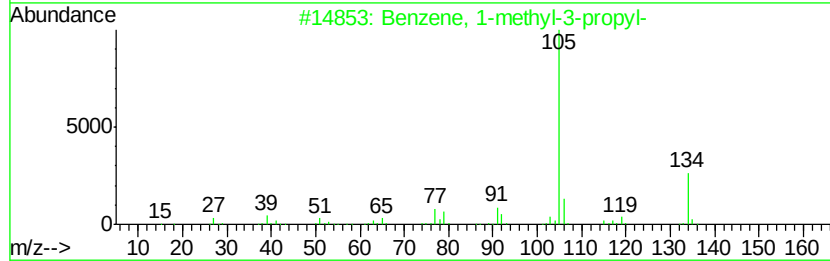
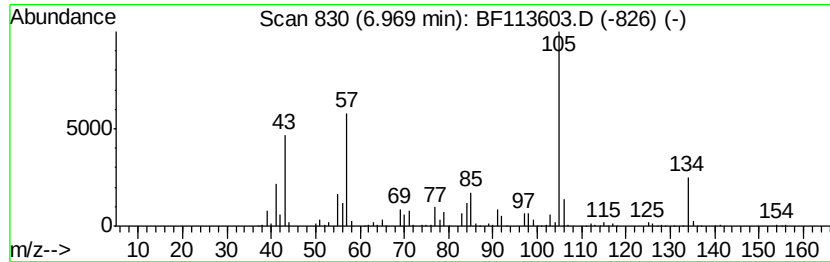
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	30.66 ng	1753490	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	58
5		2-Tolylloxirane	134	C9H10O	002783-26-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113603.D
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Operator : JU/SJ
Sample : K2193-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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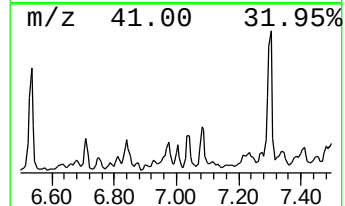
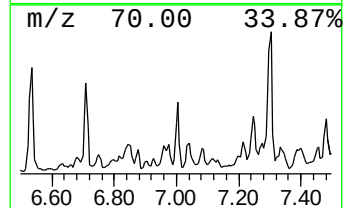
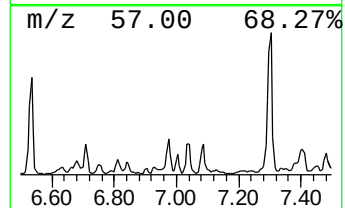
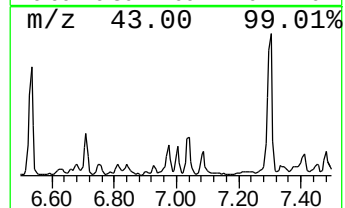
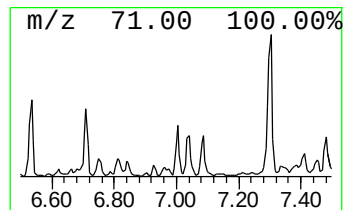
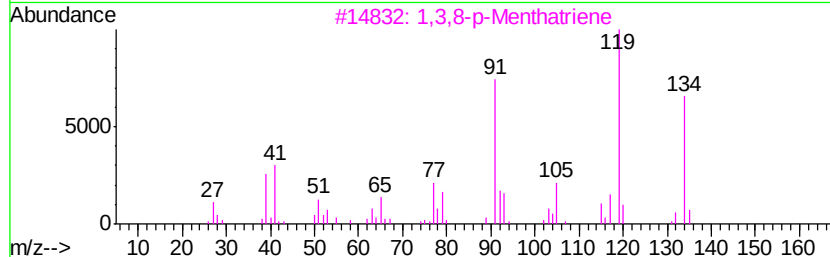
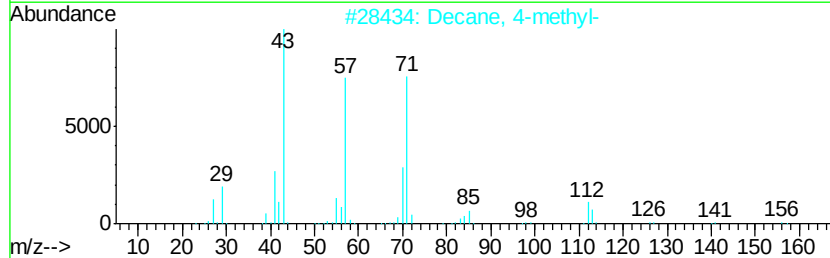
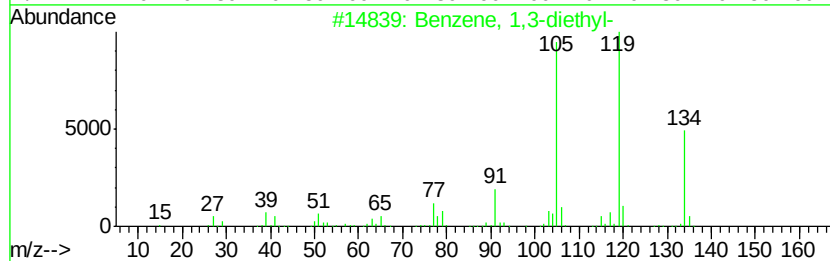
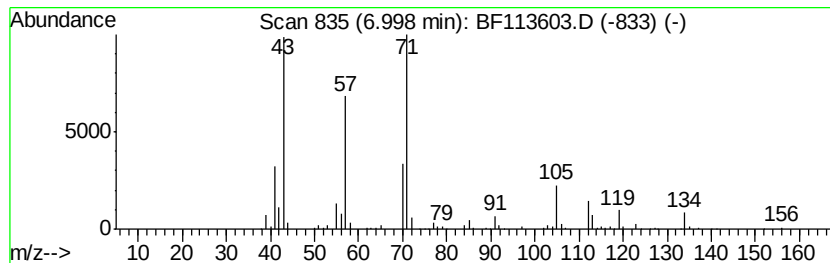
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	26.17 ng	1496440	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
2		Decane, 4-methyl-	156	C11H24	002847-72-5	55
3		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	42
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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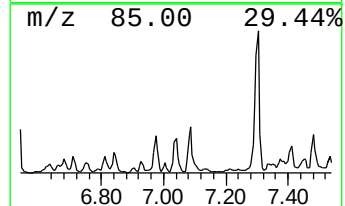
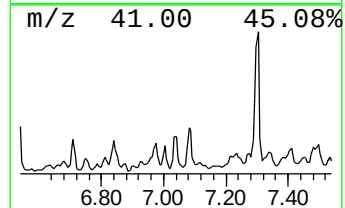
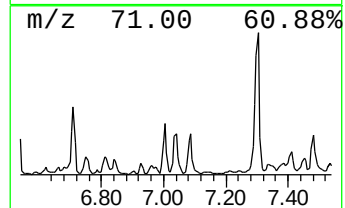
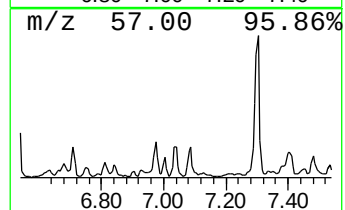
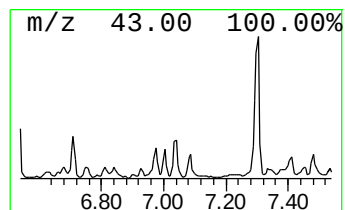
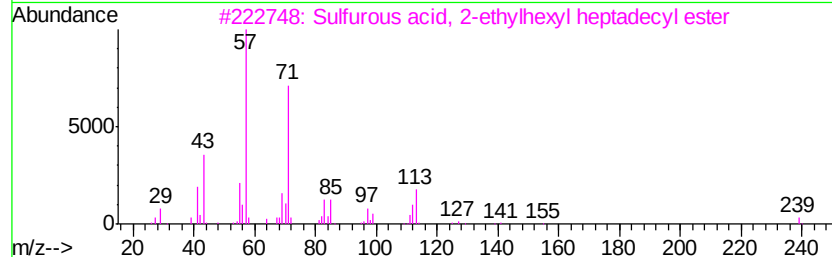
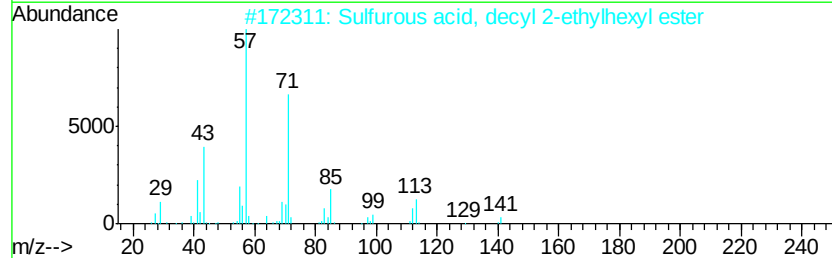
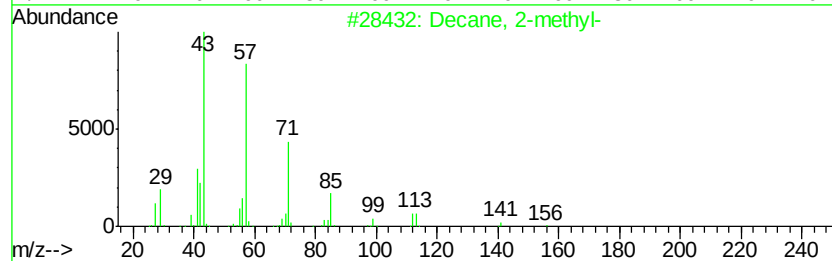
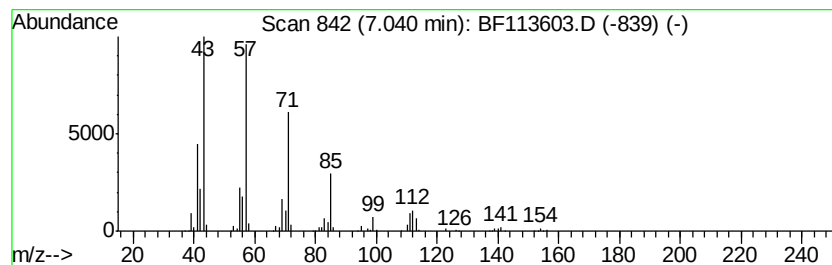
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	23.15 ng	1324110	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	93
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59
3		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	59
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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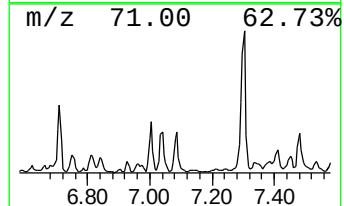
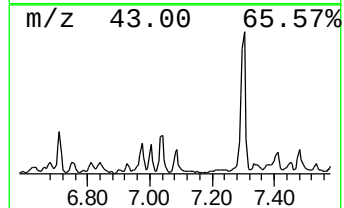
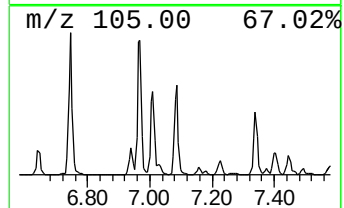
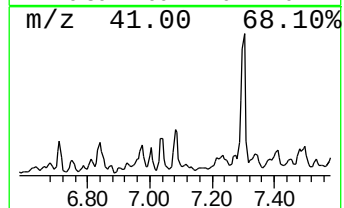
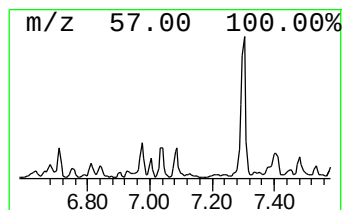
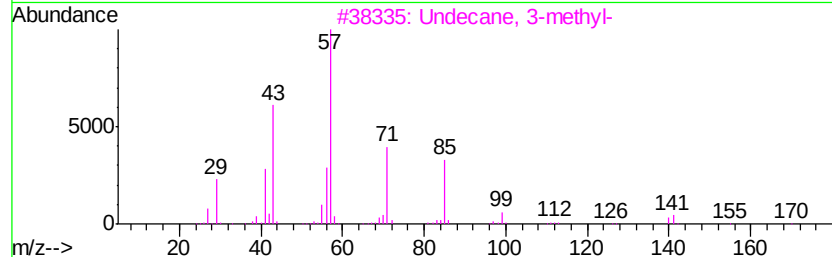
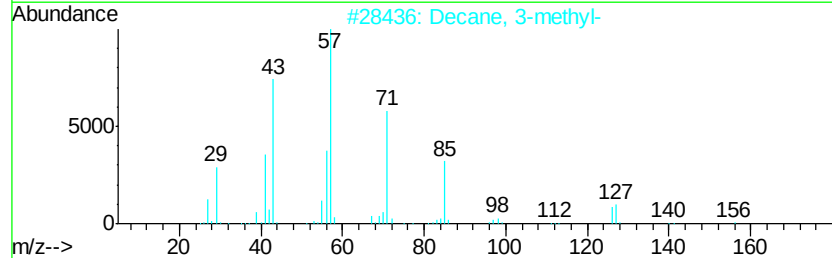
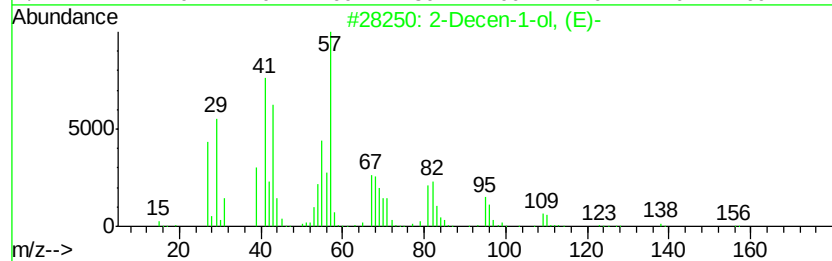
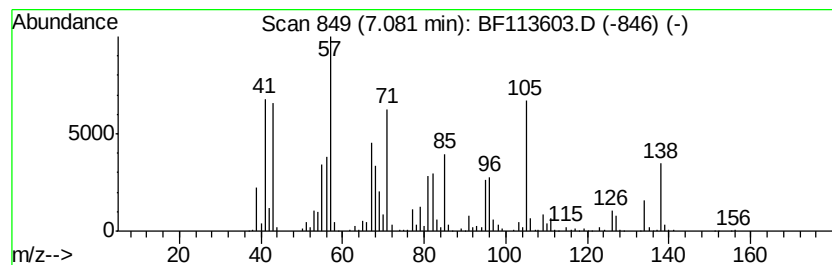
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown7.08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	37.07 ng	2119870	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	43
2		Decane, 3-methyl-	156	C11H24	013151-34-3	42
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	35
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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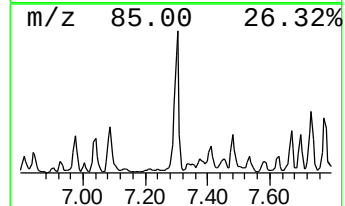
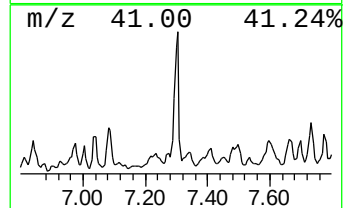
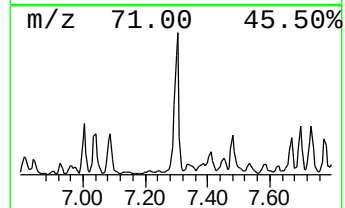
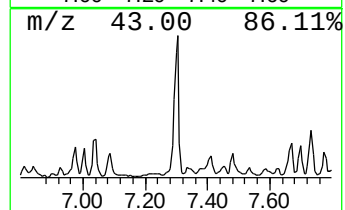
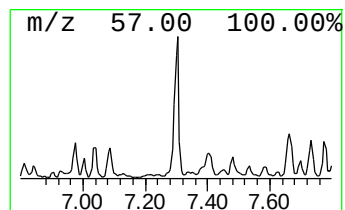
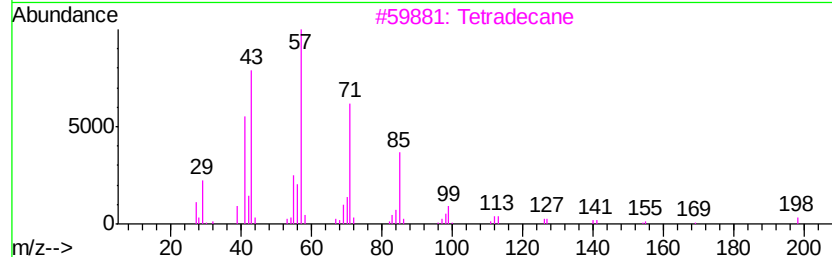
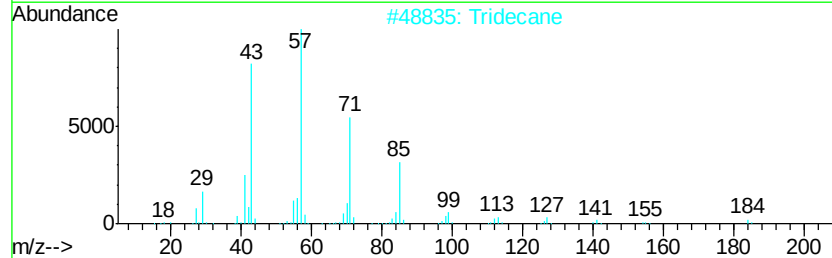
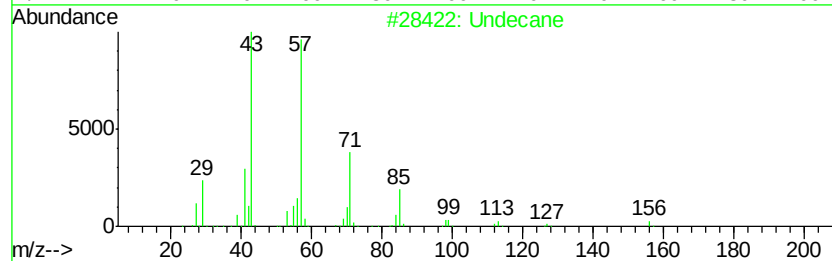
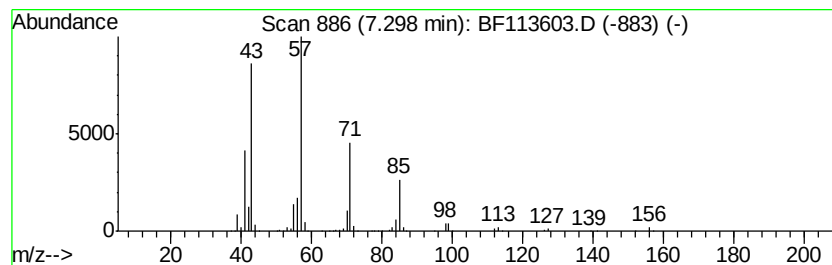
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	83.31 ng	4764110	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	93
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	83
4		Hexadecane	226	C16H34	000544-76-3	78
5		Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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ClientSampleId :
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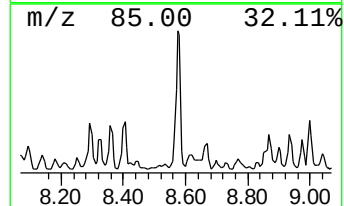
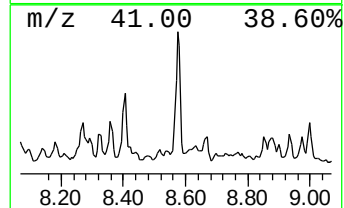
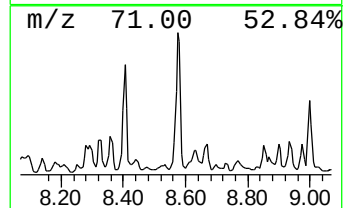
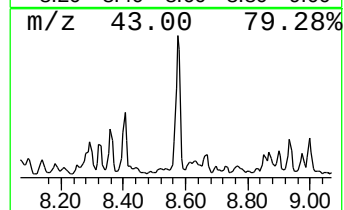
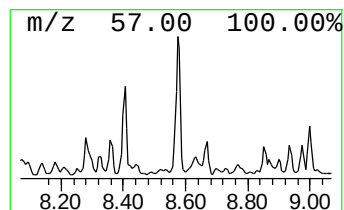
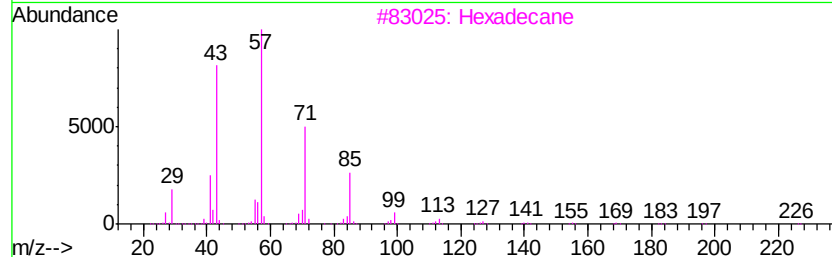
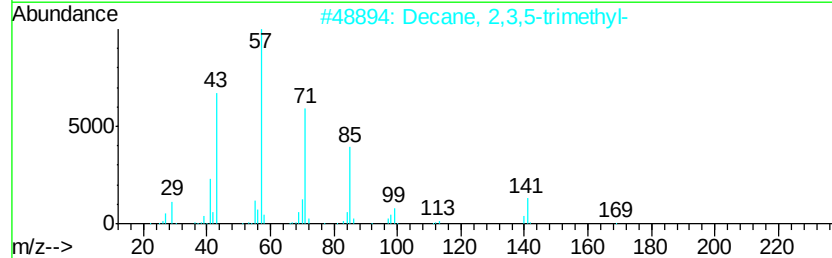
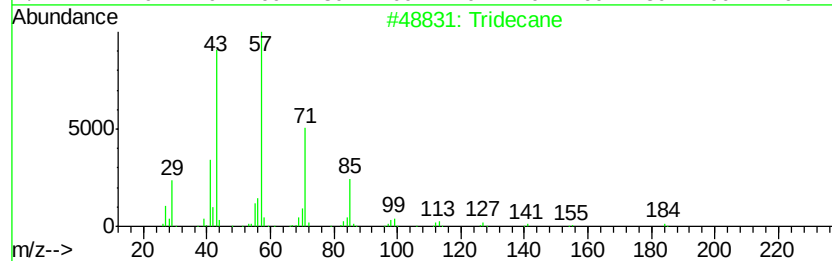
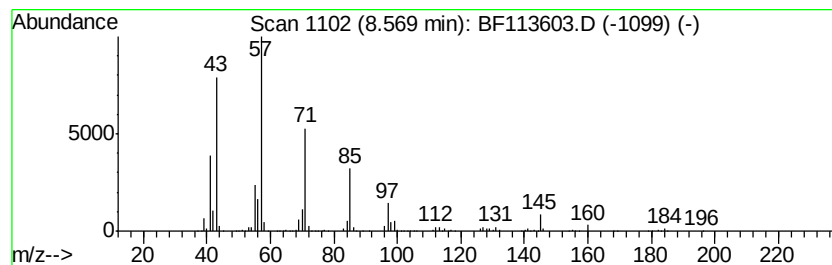
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	14.27 ng	4438830	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113603.D
Acq On : 5 Apr 2019 00:55
Operator : JU/SJ
Sample : K2193-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

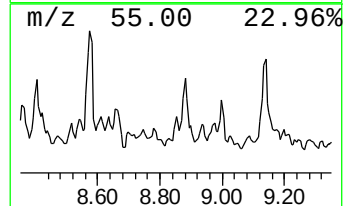
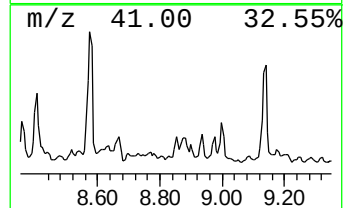
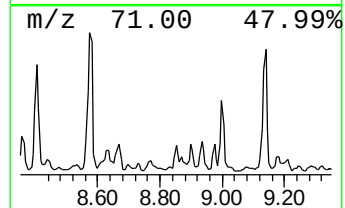
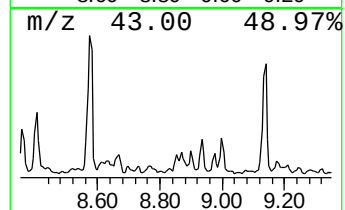
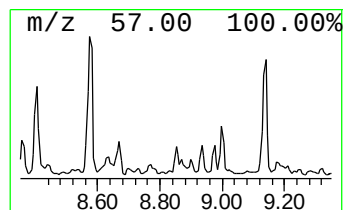
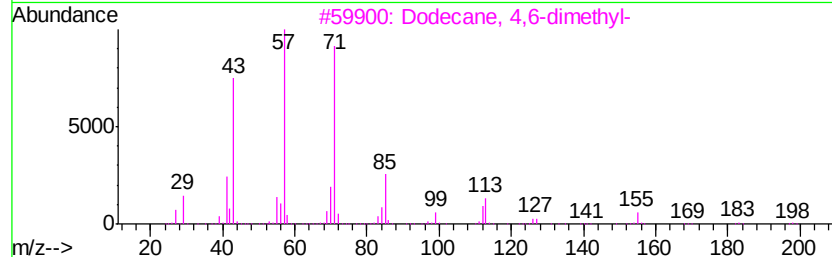
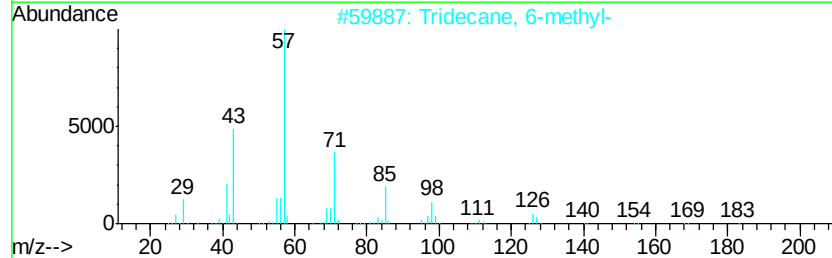
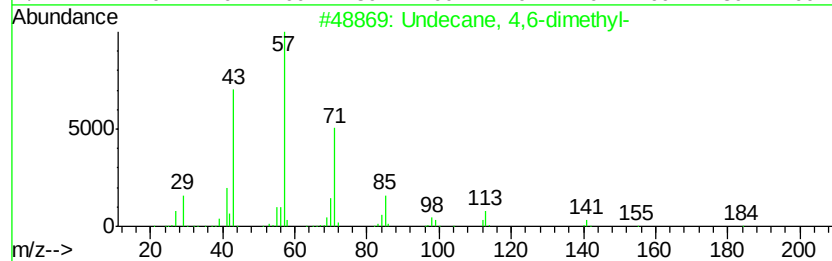
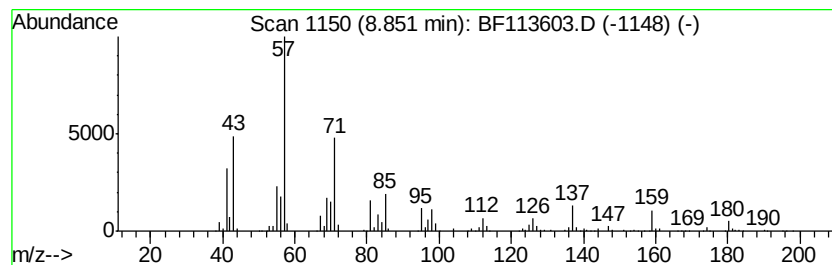
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 4,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
8.85	13.98 ng	680547	Acenaphthene-d10		9.72	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	64
2	Tridecane, 6-methyl-		198	C14H30	013287-21-3	58
3	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	49
4	Tritetracontane		605	C43H88	007098-21-7	47
5	Tetratetracontane		619	C44H90	007098-22-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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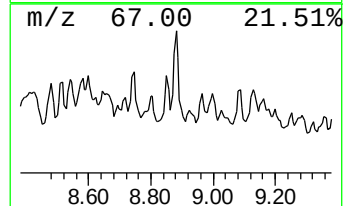
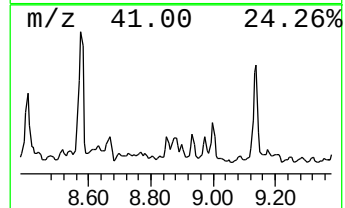
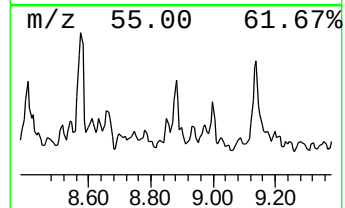
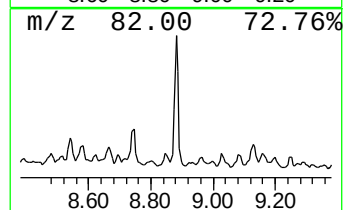
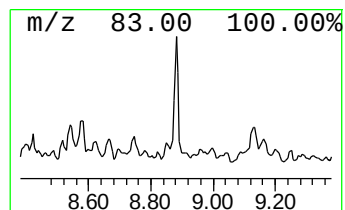
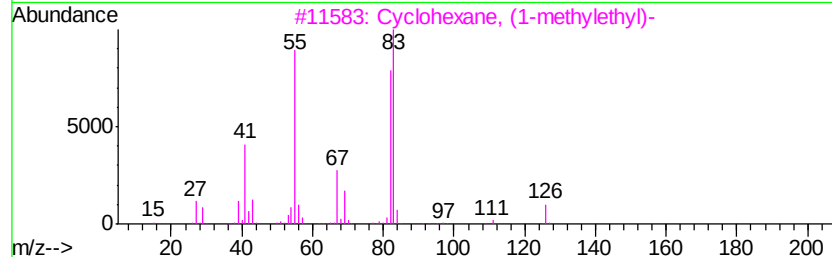
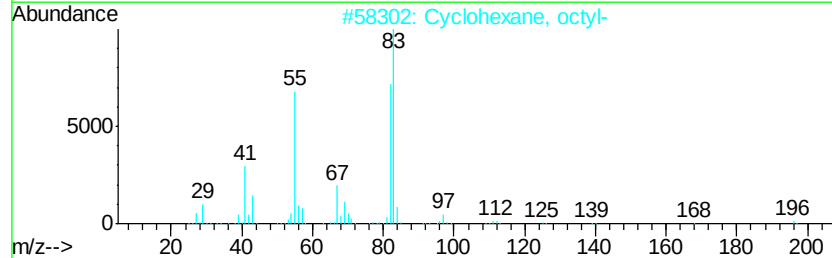
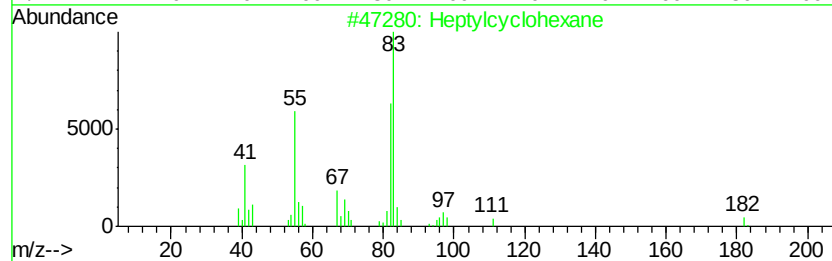
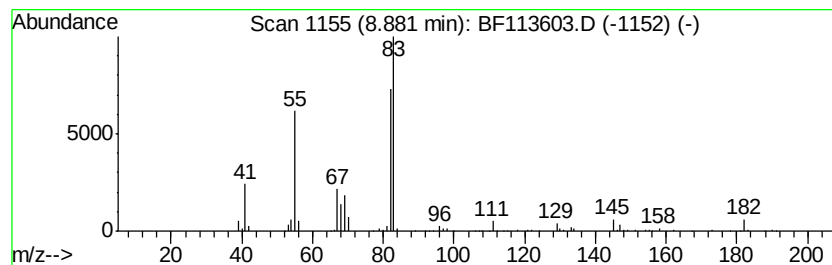
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptylcyclohexane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	17.68 ng	860446	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	86
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	72
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	56
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	56
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113603.D
Acq On : 5 Apr 2019 00:55
Operator : JU/SJ
Sample : K2193-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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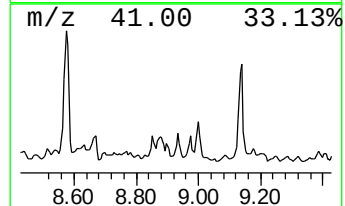
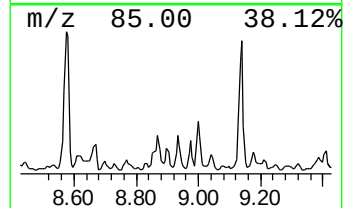
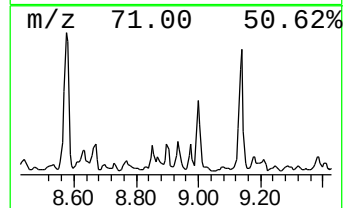
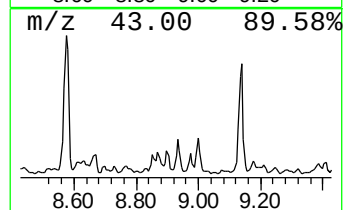
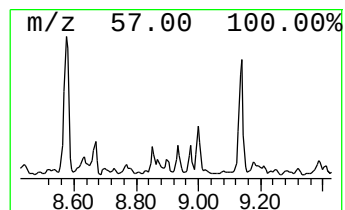
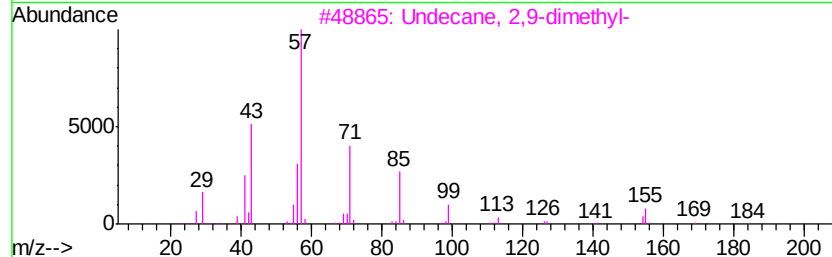
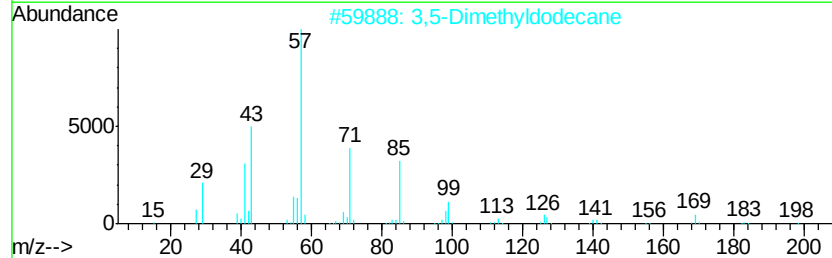
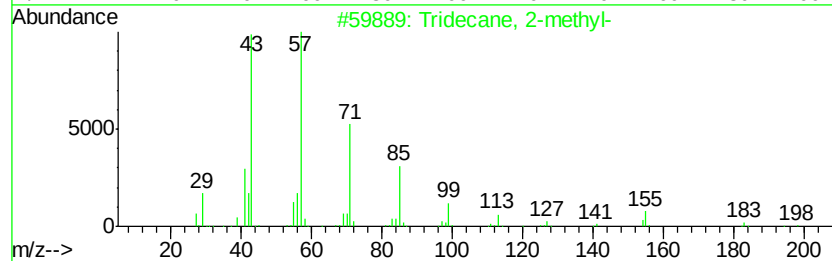
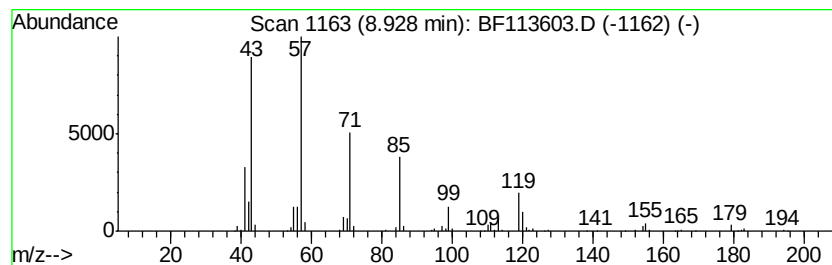
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	16.04 ng	780731	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	68
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
4		Undecane, 3-ethyl-	184	C13H28	017312-58-2	64
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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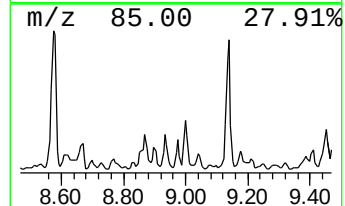
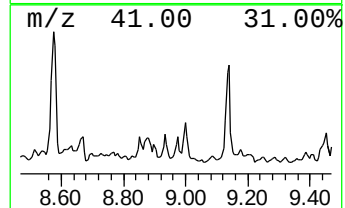
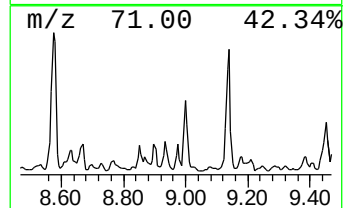
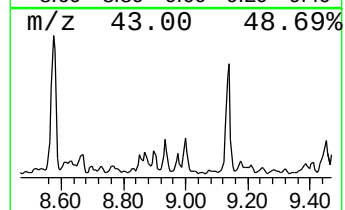
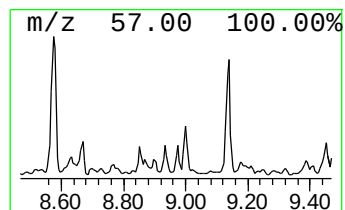
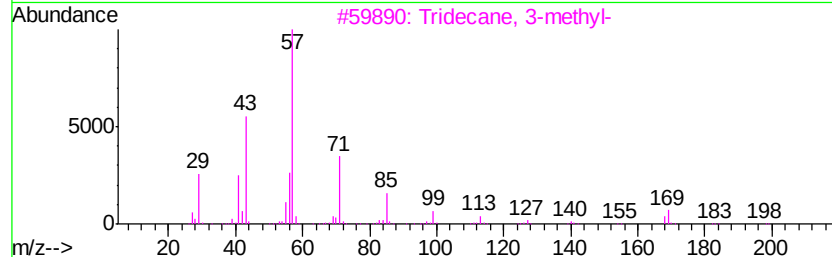
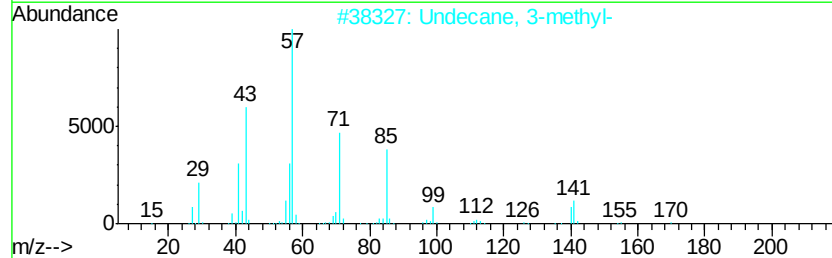
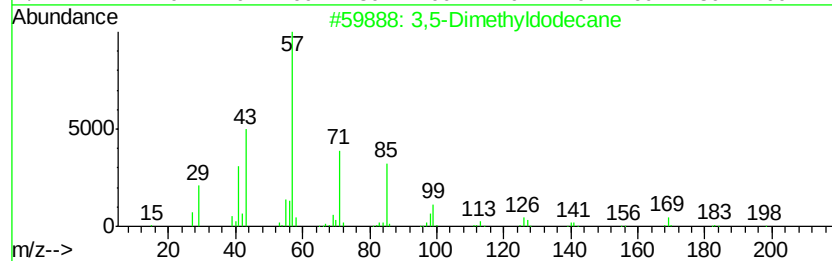
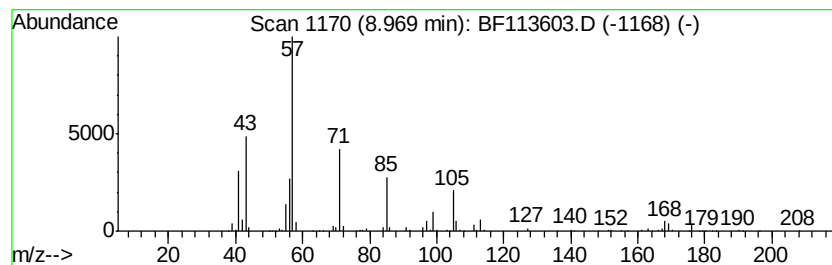
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3,5-Dimethyldodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	14.01 ng	681930	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	70
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	60
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
5		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113603.D
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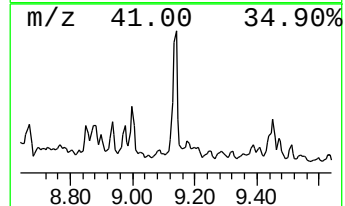
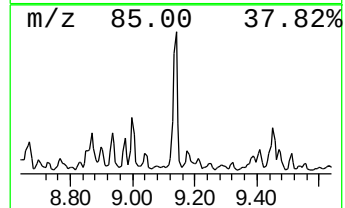
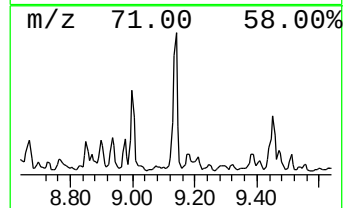
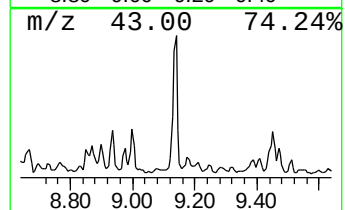
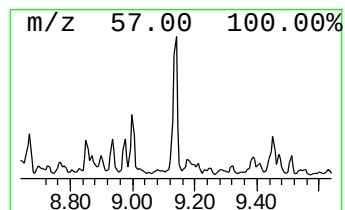
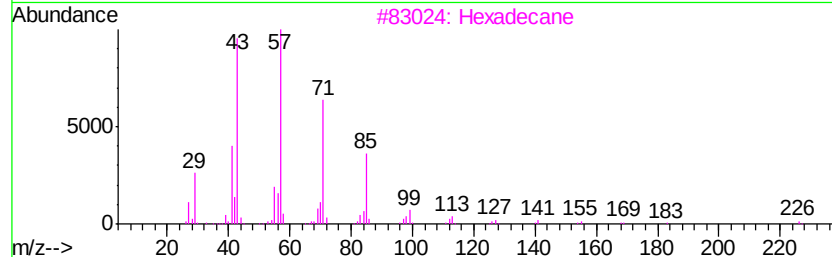
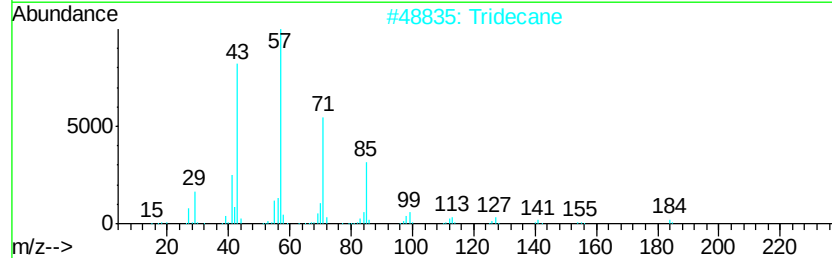
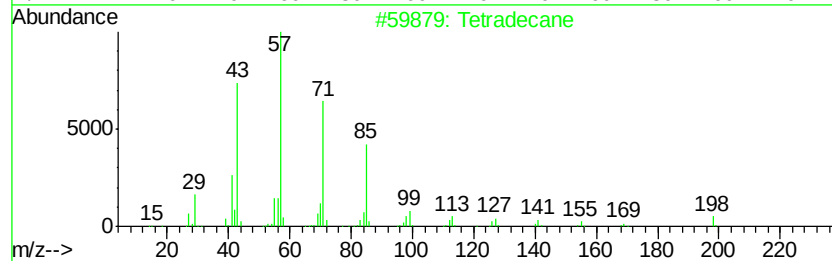
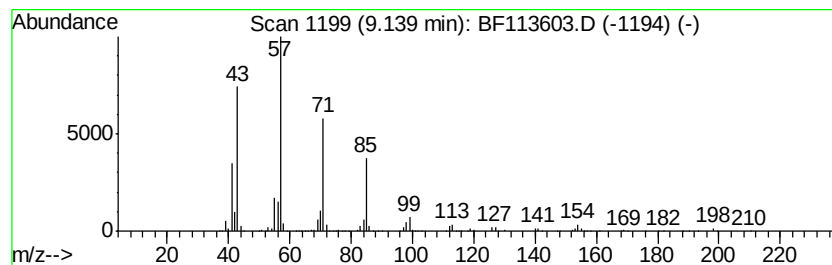
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	73.37 ng	3571340	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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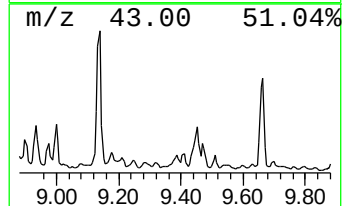
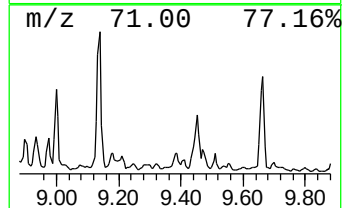
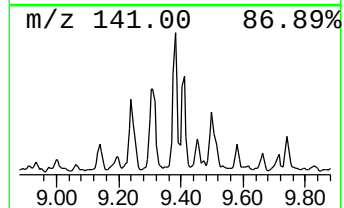
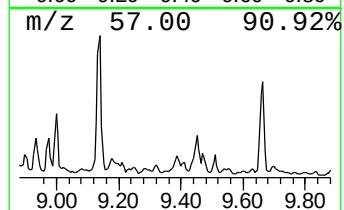
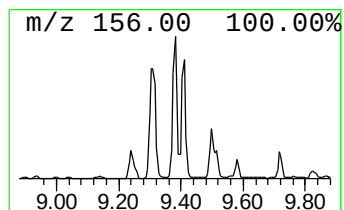
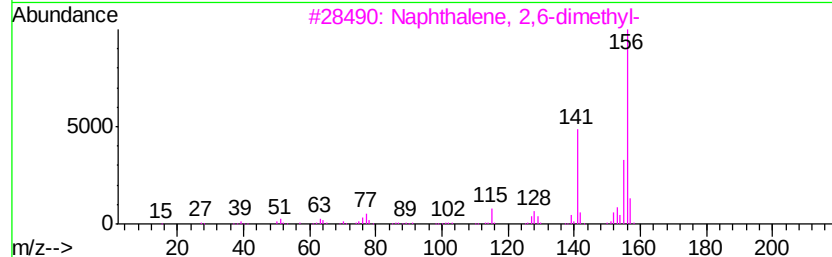
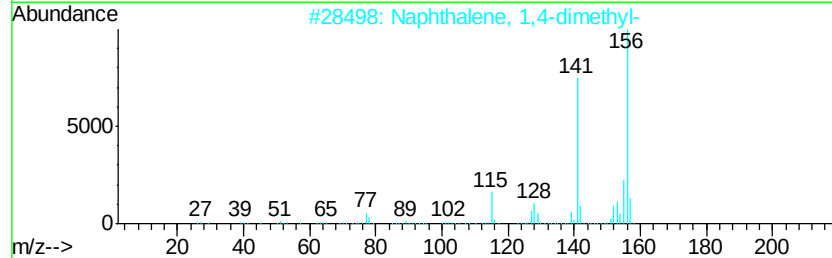
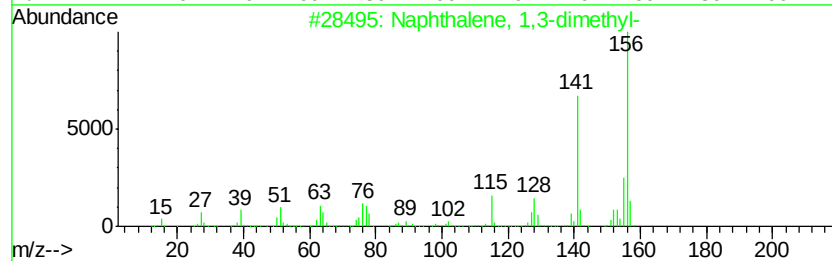
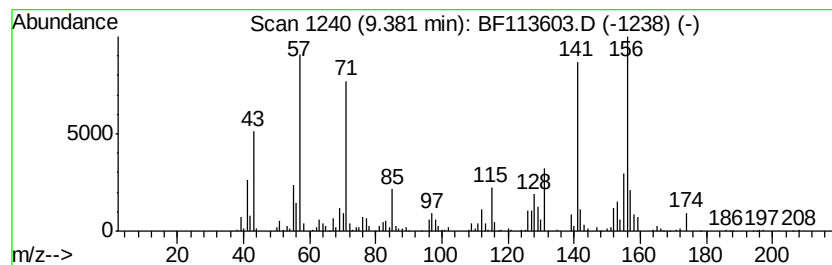
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.38	16.82 ng	818668	Acenaphthene-d10		9.72		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113603.D
Acq On : 5 Apr 2019 00:55
Operator : JU/SJ
Sample : K2193-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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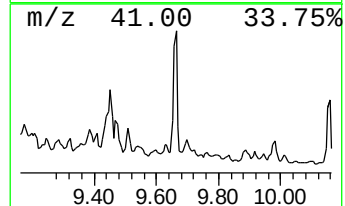
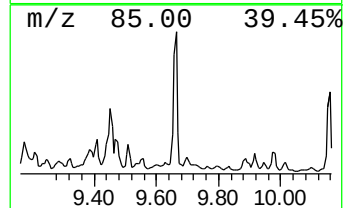
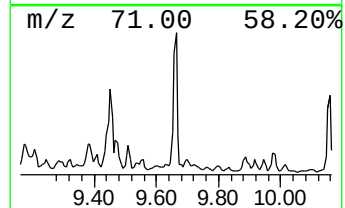
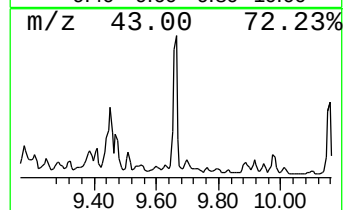
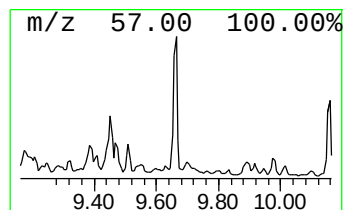
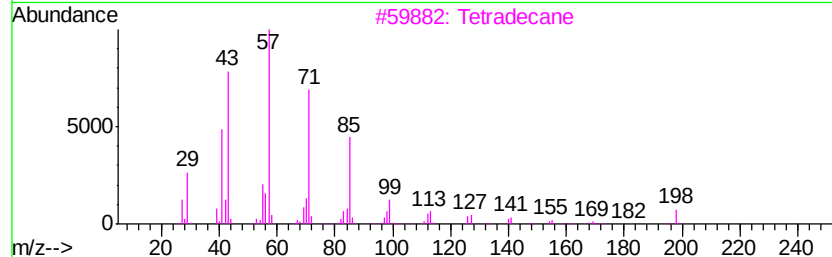
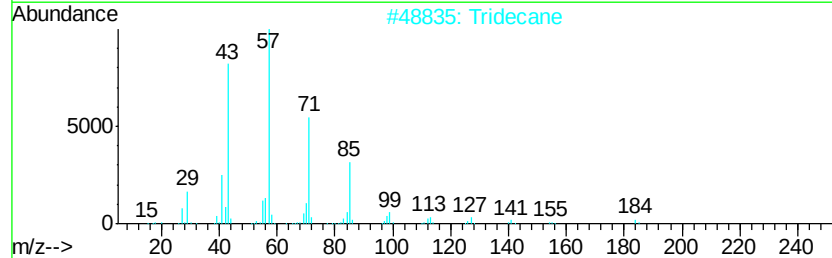
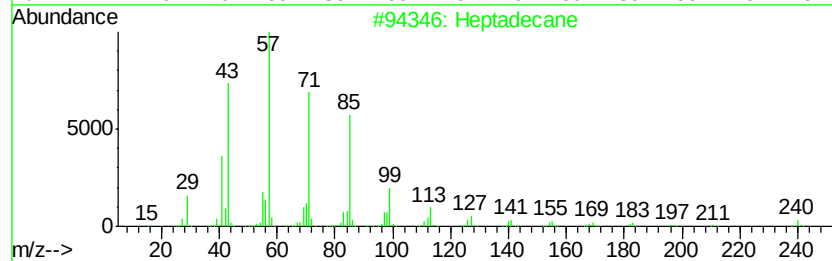
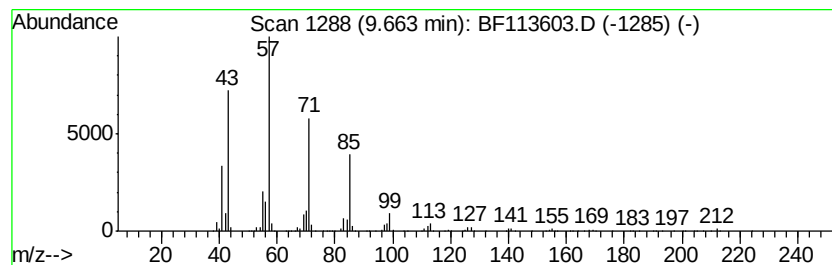
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	39.54 ng	1924340	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Hexadecane	226	C16H34	000544-76-3	86
5		9-methylheptadecane	254	C18H38	026741-18-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113603.D
Acq On : 5 Apr 2019 00:55
Operator : JU/SJ
Sample : K2193-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

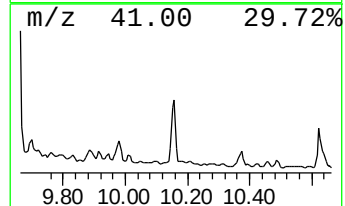
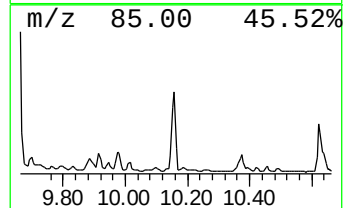
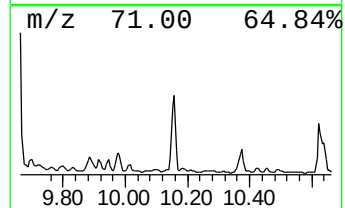
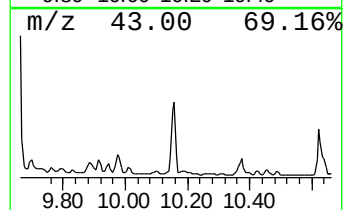
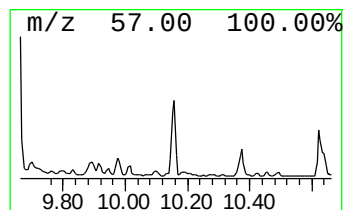
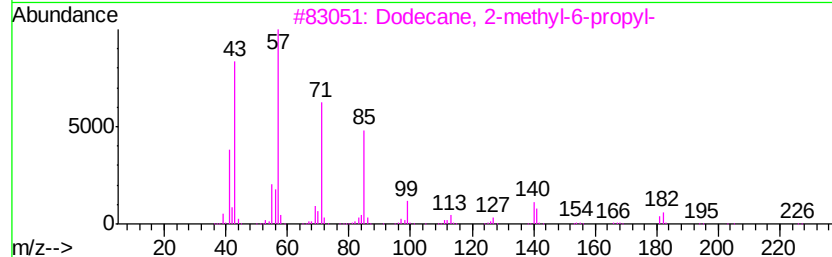
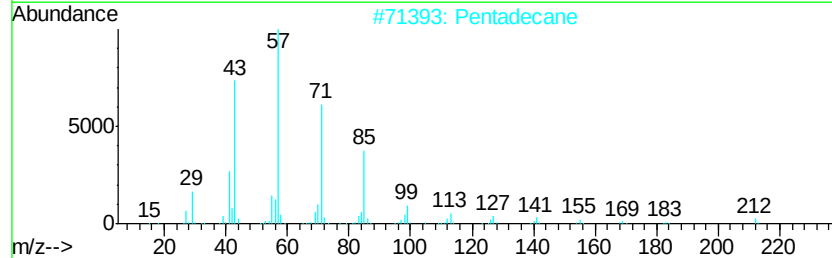
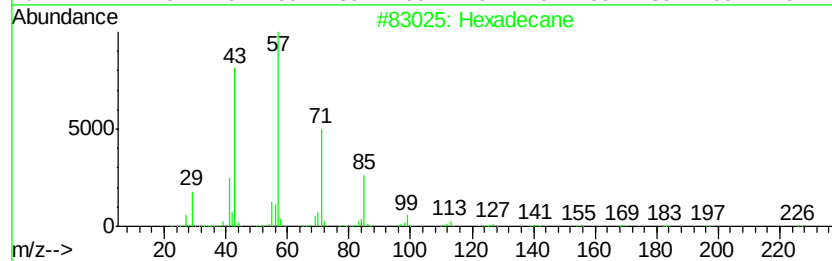
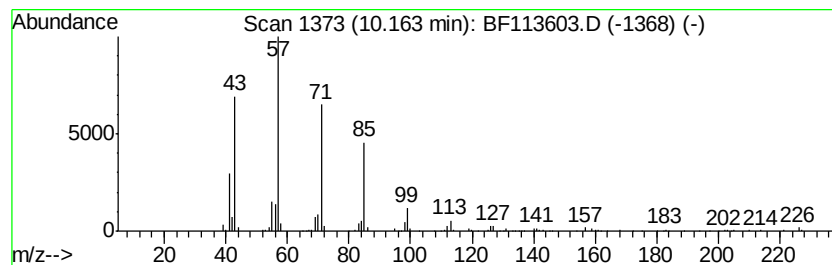
Instrument :
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ClientSampleID :
HR-06-040319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	22.16 ng	1078740	Acenaphthene-d10	9.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	97
2	Pentadecane	212 C15H32	000629-62-9	90
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
4	Tridecane	184 C13H28	000629-50-5	80
5	Dodecane, 4-methyl-	184 C13H28	006117-97-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113603.D
Acq On : 5 Apr 2019 00:55
Operator : JU/SJ
Sample : K2193-03 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-040319-B

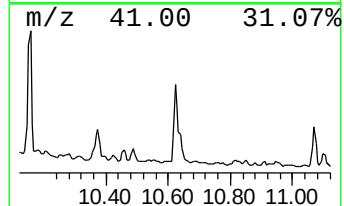
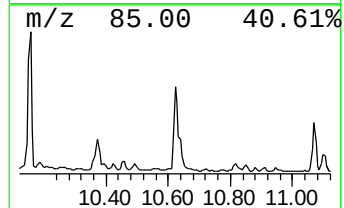
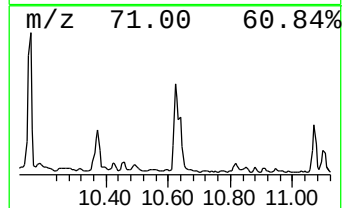
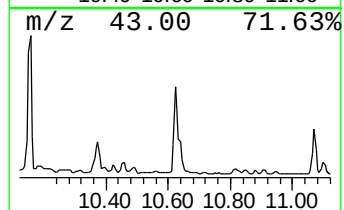
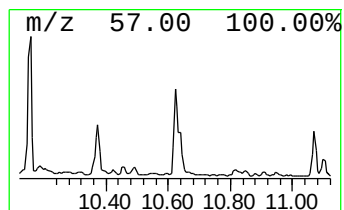
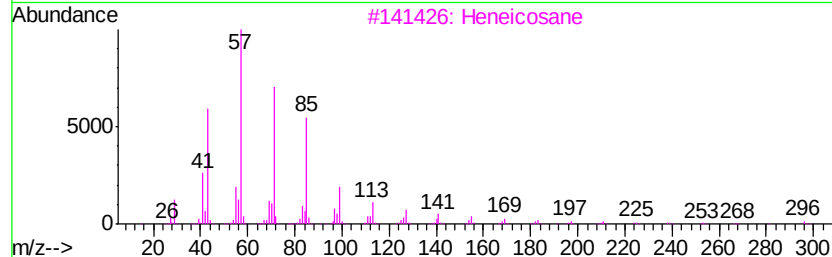
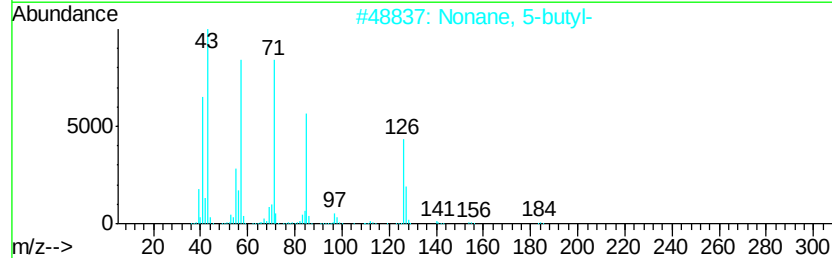
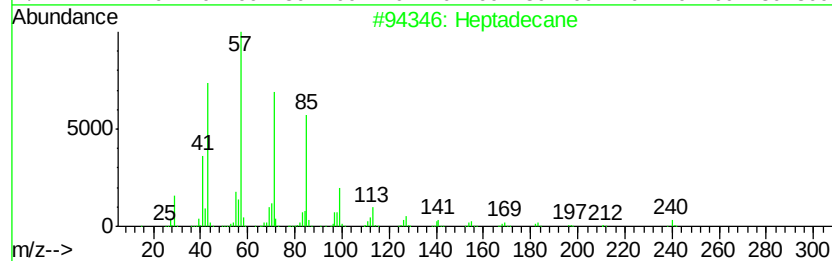
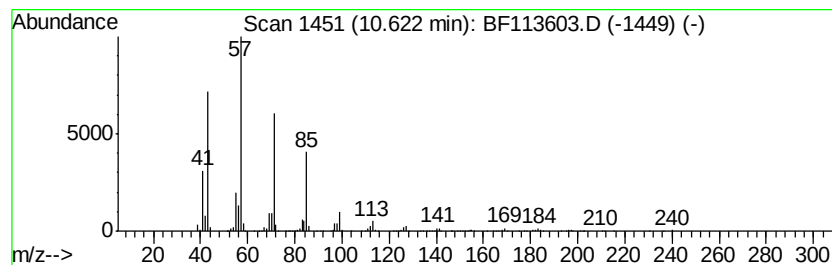
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonane, 5-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	22.64 ng	1018410	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113603.D
 Acq On : 5 Apr 2019 00:55
 Operator : JU/SJ
 Sample : K2193-03 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane, 3-methyl-	6.28	17.8	ng	1015610	1	6.69	1143740	20.0
unknown6.46	6.46	31.3	ng	1789060	1	6.69	1143740	20.0
Decane	6.53	63.0	ng	3604020	1	6.69	1143740	20.0
Benzene, 1,2,3-tr...	6.75	20.1	ng	1148220	1	6.69	1143740	20.0
Benzene, 1-methyl...	6.97	30.7	ng	1753490	1	6.69	1143740	20.0
Benzene, 1,3-diet...	7.00	26.2	ng	1496440	1	6.69	1143740	20.0
Decane, 2-methyl-	7.04	23.1	ng	1324110	1	6.69	1143740	20.0
unknown7.08	7.08	37.1	ng	2119870	1	6.69	1143740	20.0
Undecane	7.30	83.3	ng	4764110	1	6.69	1143740	20.0
Tridecane	8.57	14.3	ng	4438830	2	7.97	6222970	20.0
Undecane, 4,6-dim...	8.85	14.0	ng	680547	3	9.72	973464	20.0
Heptylcyclohexane	8.88	17.7	ng	860446	3	9.72	973464	20.0
Tridecane, 2-methyl-	8.93	16.0	ng	780731	3	9.72	973464	20.0
3,5-Dimethyldodecane	8.97	14.0	ng	681930	3	9.72	973464	20.0
Tetradecane	9.14	73.4	ng	3571340	3	9.72	973464	20.0
Naphthalene, 1,3-...	9.38	16.8	ng	818668	3	9.72	973464	20.0
Heptadecane	9.66	39.5	ng	1924340	3	9.72	973464	20.0
Hexadecane	10.16	22.2	ng	1078740	3	9.72	973464	20.0
Nonane, 5-butyl-	10.62	22.6	ng	1018410	4	11.20	899776	20.0