

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113606.D
 Acq On : 5 Apr 2019 2:20
 Operator : JU/SJ
 Sample : K2193-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

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	5.298	543	546	560	rBV	286512	405266	23.25%	1.644%
2	5.828	633	636	642	rVB	40067	38625	2.22%	0.157%
3	5.928	650	653	656	rBV	97975	99917	5.73%	0.405%
4	6.122	680	686	689	rBV3	60619	78715	4.51%	0.319%
5	6.187	695	697	699	rVV	93412	76489	4.39%	0.310%
6	6.216	699	702	705	rVV2	114433	155149	8.90%	0.629%
7	6.281	710	713	719	rBV3	139177	156847	9.00%	0.636%
8	6.334	719	722	734	rVV	424771	614539	35.25%	2.492%
9	6.428	734	738	740	rVV	90343	126916	7.28%	0.515%
10	6.457	740	743	750	rVV	527891	567504	32.55%	2.302%
11	6.528	750	755	760	rVB	565360	502433	28.82%	2.038%
12	6.634	765	773	775	rBV4	41912	75644	4.34%	0.307%
13	6.681	778	781	784	rVV	678292	672834	38.59%	2.729%
14	6.704	784	785	789	rVB2	261033	208522	11.96%	0.846%
15	6.745	789	792	796	rBV3	188153	194383	11.15%	0.788%
16	6.810	801	803	805	rVV	73517	61052	3.50%	0.248%
17	6.839	805	808	812	rVV2	569783	575919	33.03%	2.336%
18	6.869	812	813	816	rVB	81598	57080	3.27%	0.232%
19	6.928	820	823	824	rBV	58376	66533	3.82%	0.270%
20	6.969	826	830	833	rVV3	231186	272977	15.66%	1.107%
21	7.004	833	836	839	rVV2	215118	226213	12.98%	0.917%
22	7.034	839	841	846	rVB	229889	198442	11.38%	0.805%
23	7.081	846	849	852	rBV	431214	362537	20.79%	1.470%
24	7.157	859	862	864	rBV4	32907	45206	2.59%	0.183%
25	7.222	868	873	875	rVV3	213900	276868	15.88%	1.123%
26	7.245	875	877	880	rVV2	272273	293268	16.82%	1.189%
27	7.269	880	881	882	rVV	141543	80946	4.64%	0.328%
28	7.292	882	885	888	rVV	1135083	866266	49.69%	3.513%
29	7.339	888	893	896	rVB4	189142	283300	16.25%	1.149%
30	7.375	896	899	901	rBV2	103432	126781	7.27%	0.514%
31	7.404	901	904	908	rVB3	164230	176432	10.12%	0.716%
32	7.457	908	913	915	rBV3	88147	156349	8.97%	0.634%
33	7.492	915	919	923	rVB3	309171	413961	23.74%	1.679%
34	7.528	923	925	927	rBV2	58473	45026	2.58%	0.183%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.592	930	936	940	rBV5	221056	454628	26.08%	1.844%
36	7.657	944	947	950	rVV2	191786	226728	13.00%	0.920%
37	7.692	950	953	955	rVV	272727	283059	16.24%	1.148%
38	7.710	955	956	958	rVV	236326	189596	10.87%	0.769%
39	7.728	958	959	963	rVV4	280465	266565	15.29%	1.081%
40	7.775	965	967	969	rVV2	184694	180082	10.33%	0.730%
41	7.804	969	972	975	rVB3	204890	254103	14.57%	1.031%
42	7.839	975	978	982	rBV2	96436	123534	7.09%	0.501%
43	7.875	982	984	987	rVB2	72642	55715	3.20%	0.226%
44	7.928	987	993	995	rBV5	168130	232693	13.35%	0.944%
45	7.963	995	999	1002	rVV2	1756608	1743452	100.00%	7.071%
46	7.998	1002	1005	1007	rVV4	120578	204427	11.73%	0.829%
47	8.016	1007	1008	1010	rVV2	190818	163735	9.39%	0.664%
48	8.039	1010	1012	1014	rVV	467561	330518	18.96%	1.341%
49	8.063	1014	1016	1019	rVV3	147155	140222	8.04%	0.569%
50	8.092	1019	1021	1023	rVB2	88023	69222	3.97%	0.281%
51	8.139	1024	1029	1031	rBV5	102813	153355	8.80%	0.622%
52	8.169	1031	1034	1038	rVV3	126137	186402	10.69%	0.756%
53	8.210	1038	1041	1043	rVV3	64393	69543	3.99%	0.282%
54	8.263	1045	1050	1053	rVV5	288110	396396	22.74%	1.608%
55	8.322	1057	1060	1063	rVV4	219082	191978	11.01%	0.779%
56	8.351	1063	1065	1069	rVV2	235184	244773	14.04%	0.993%
57	8.398	1070	1073	1078	rVV	448320	490511	28.13%	1.989%
58	8.434	1078	1079	1082	rVB	108118	84359	4.84%	0.342%
59	8.475	1082	1086	1089	rBV2	254394	261628	15.01%	1.061%
60	8.510	1089	1092	1094	rBV3	83996	87194	5.00%	0.354%
61	8.569	1098	1102	1105	rVV	873232	743562	42.65%	3.016%
62	8.628	1109	1112	1114	rVV2	207375	195904	11.24%	0.795%
63	8.663	1114	1118	1120	rVB3	176655	202493	11.61%	0.821%
64	8.792	1136	1140	1144	rVB3	144282	191186	10.97%	0.775%
65	8.851	1147	1150	1151	rBV2	121371	114702	6.58%	0.465%
66	8.875	1151	1154	1156	rVB3	77508	83094	4.77%	0.337%
67	8.928	1162	1163	1166	rVB2	133622	97641	5.60%	0.396%
68	8.969	1168	1170	1172	rVV	85163	78728	4.52%	0.319%
69	8.998	1172	1175	1179	rVB2	249686	250121	14.35%	1.014%
70	9.039	1179	1182	1187	rVB	669586	510643	29.29%	2.071%
71	9.081	1187	1189	1192	rVB3	50721	39465	2.26%	0.160%

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72	9.128	1194	1197	1201	rBV	591537	540659	31.01%	2.193%
73	9.192	1206	1208	1210	rVB	81898	57864	3.32%	0.235%
74	9.316	1227	1229	1232	rVV3	68583	59099	3.39%	0.240%
75	9.357	1233	1236	1237	rVV3	43858	53170	3.05%	0.216%
76	9.380	1237	1240	1242	rVV2	137144	149840	8.59%	0.608%
77	9.404	1242	1244	1246	rVV2	124687	102478	5.88%	0.416%
78	9.445	1246	1251	1254	rVV3	235051	381209	21.87%	1.546%
79	9.469	1254	1255	1258	rVV2	132978	103283	5.92%	0.419%
80	9.504	1258	1261	1264	rVV3	92908	92110	5.28%	0.374%
81	9.533	1264	1266	1272	rVB7	37536	49929	2.86%	0.203%
82	9.657	1284	1287	1291	rVB	386057	294825	16.91%	1.196%
83	9.716	1291	1297	1301	rBV	987761	859962	49.33%	3.488%
84	9.892	1323	1327	1329	rVV5	44537	71488	4.10%	0.290%
85	9.916	1329	1331	1334	rVV3	52301	64536	3.70%	0.262%
86	9.980	1337	1342	1346	rVB5	72048	95222	5.46%	0.386%
87	10.039	1349	1352	1355	rBV3	28332	41216	2.36%	0.167%
88	10.151	1368	1371	1374	rVB	216840	171254	9.82%	0.695%
89	10.375	1405	1409	1414	rVB	86232	87790	5.04%	0.356%
90	10.504	1428	1431	1439	rVB	275917	266006	15.26%	1.079%
91	10.622	1448	1451	1459	rVB	141404	199486	11.44%	0.809%
92	11.069	1524	1527	1530	rBV	75911	64625	3.71%	0.262%
93	11.098	1530	1532	1537	rVB	43839	44149	2.53%	0.179%
94	11.198	1545	1549	1555	rBV	807695	810523	46.49%	3.287%
95	11.492	1596	1599	1602	rBV	50349	42517	2.44%	0.172%
96	12.274	1729	1732	1733	rBV	105986	97540	5.59%	0.396%
97	12.292	1733	1735	1740	rVB3	81807	80237	4.60%	0.325%
98	12.769	1813	1816	1820	rBV	486456	477872	27.41%	1.938%
99	13.827	1992	1996	1999	rBV	681675	618563	35.48%	2.509%
100	15.233	2231	2235	2240	rBV	413183	527876	30.28%	2.141%

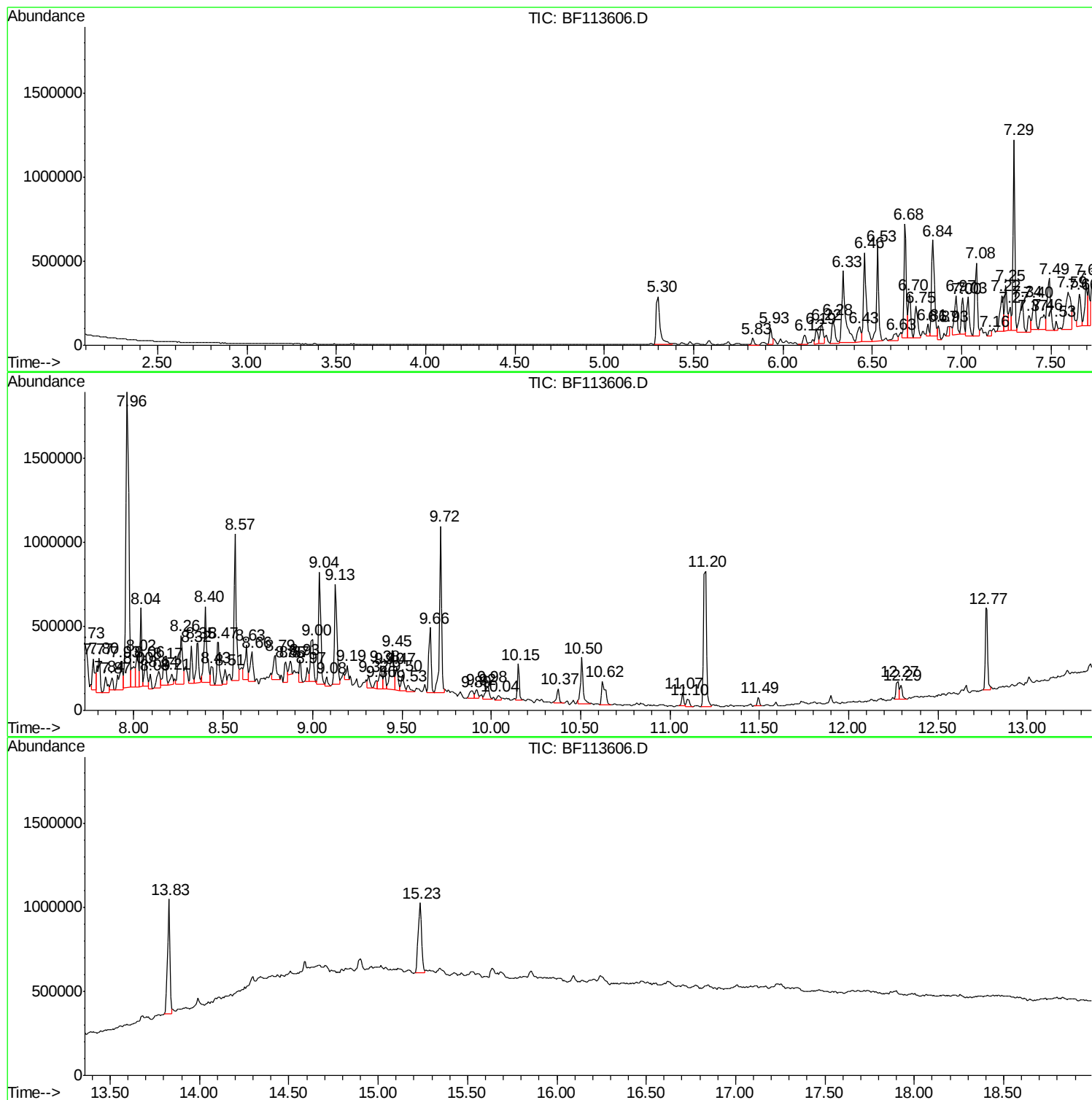
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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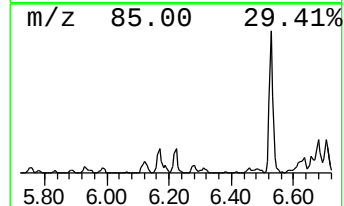
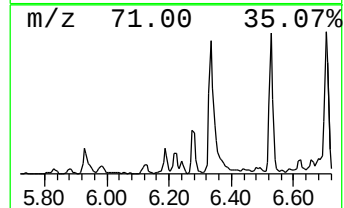
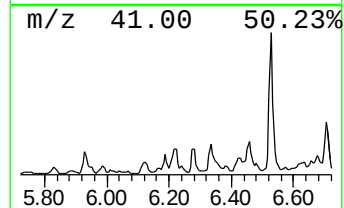
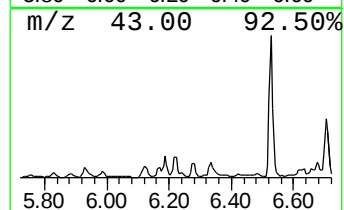
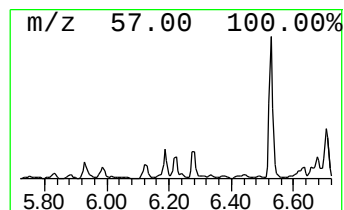
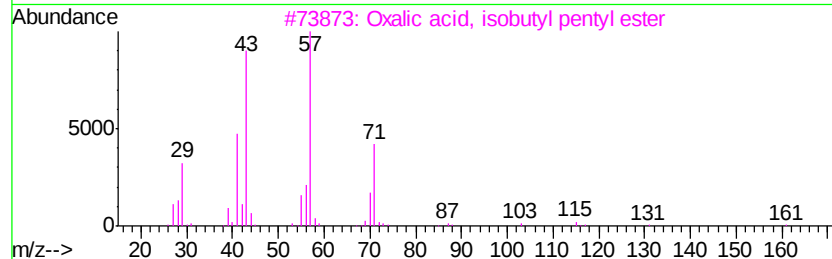
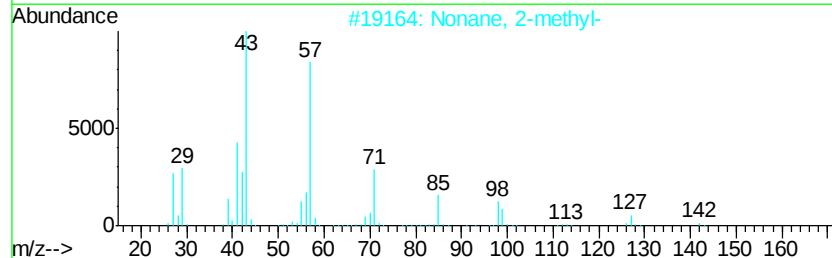
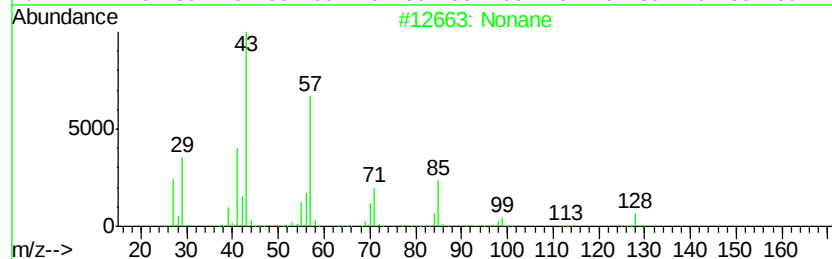
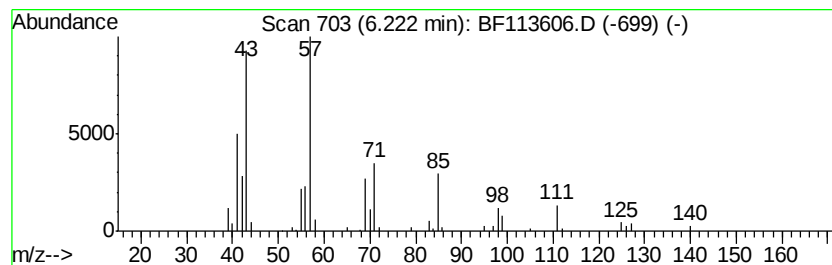
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	4.61 ng	155149	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	53
2			Nonane, 2-methyl-	142	C10H22	000871-83-0	47
3			Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38
4			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	38
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38



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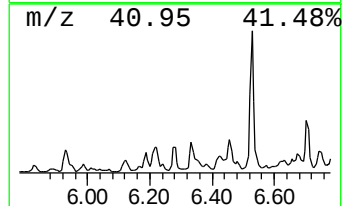
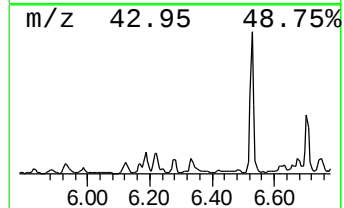
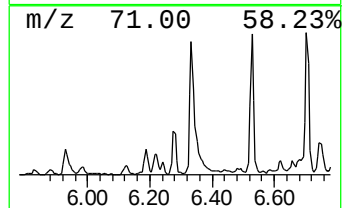
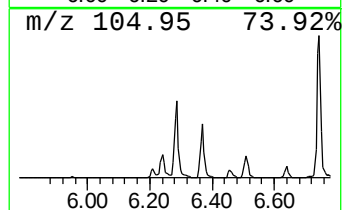
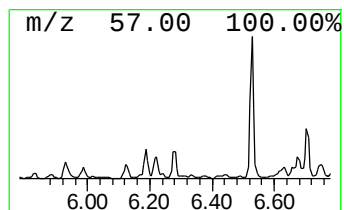
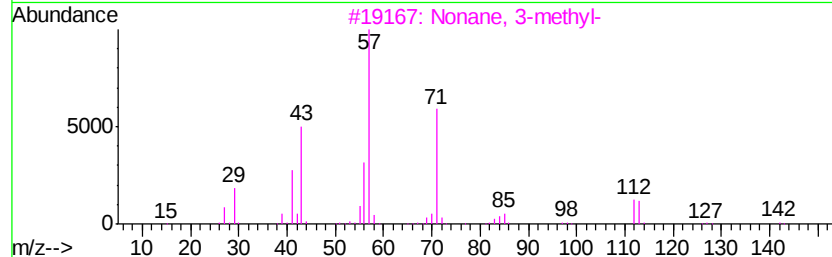
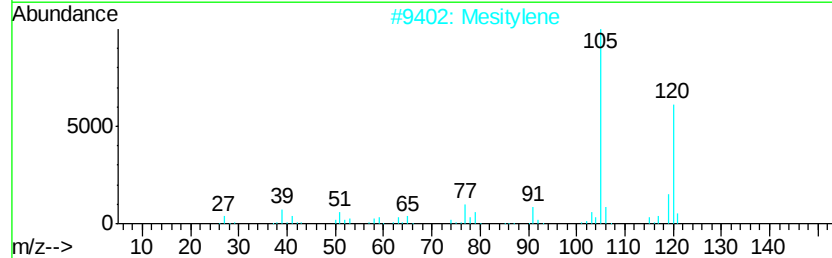
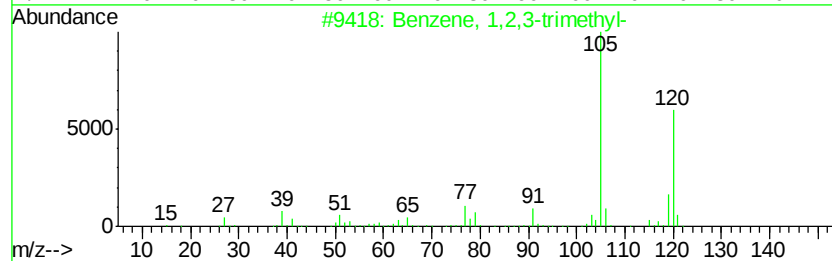
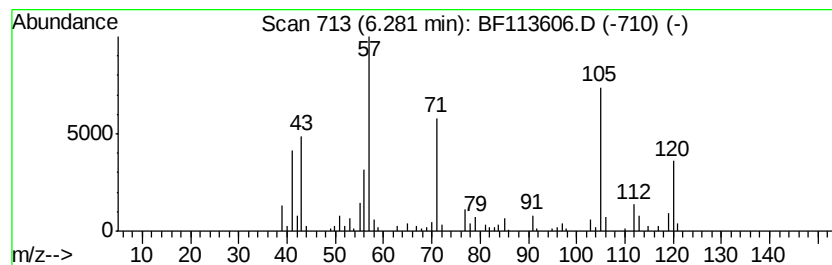
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ClientSampled :
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.28	4.66 ng	156847	1,4-Dichlorobenzene-d4	6.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	74
2	Mesitylene	120	C9H12	000108-67-8	70
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	43
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43



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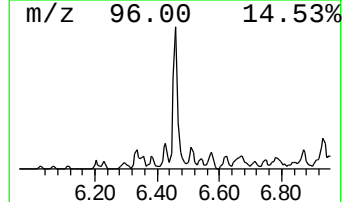
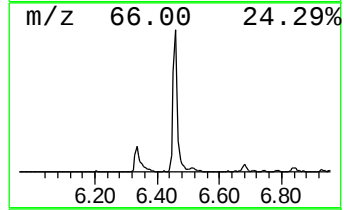
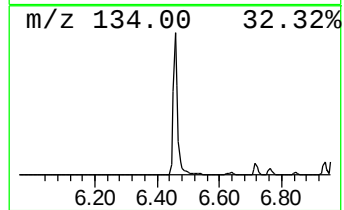
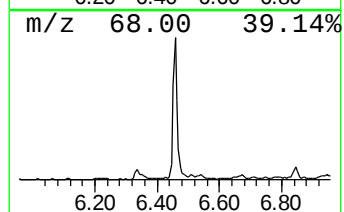
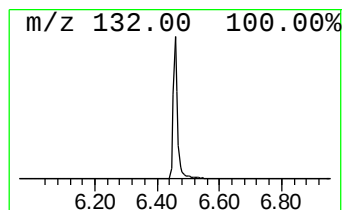
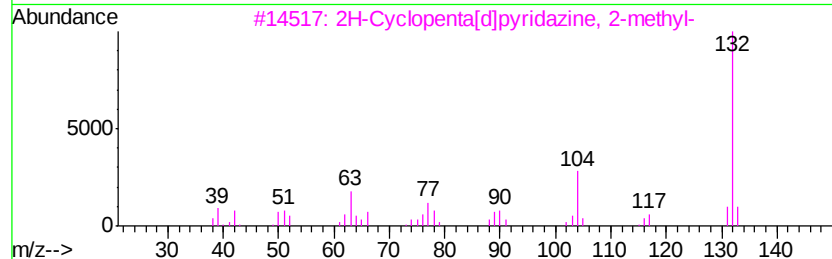
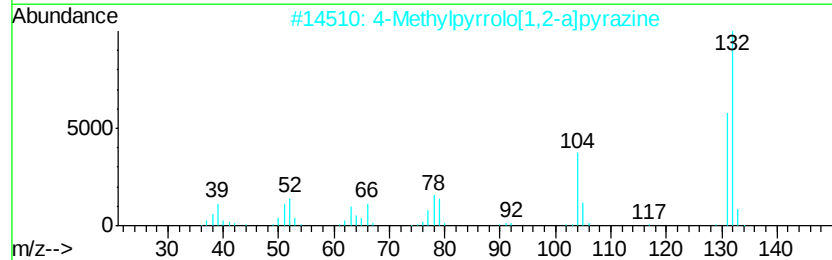
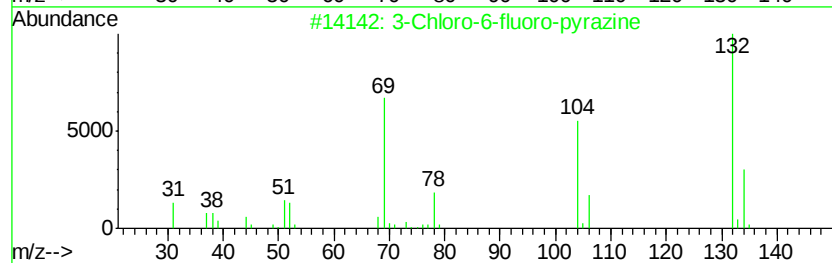
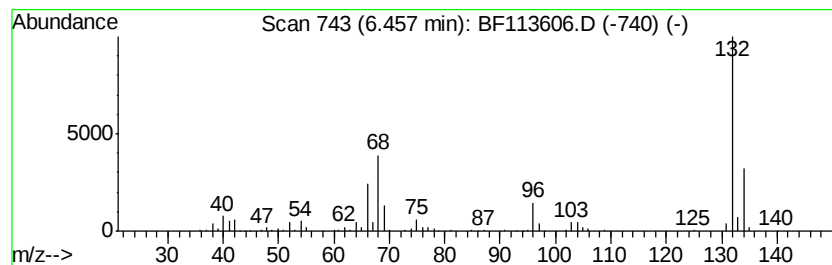
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.46 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	16.87 ng	567504	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

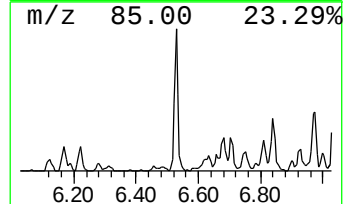
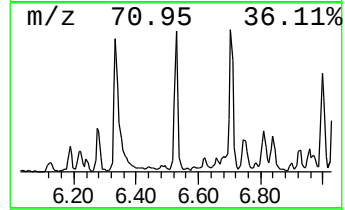
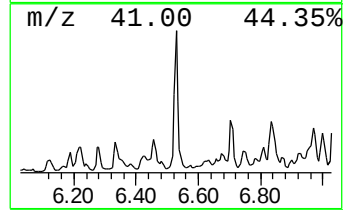
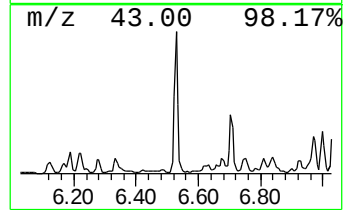
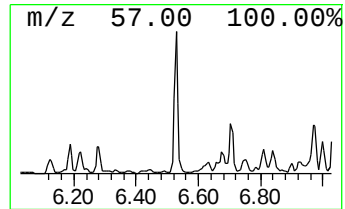
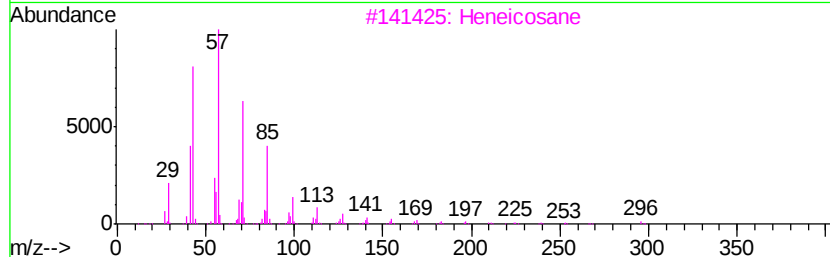
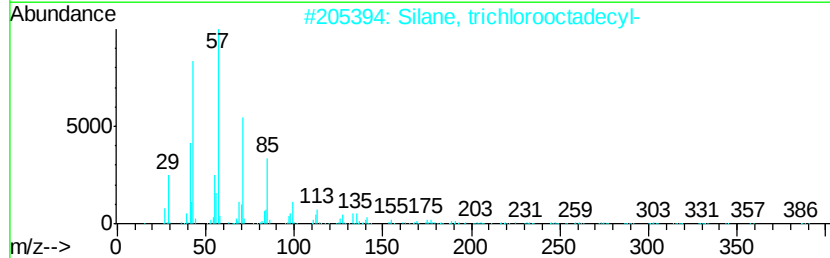
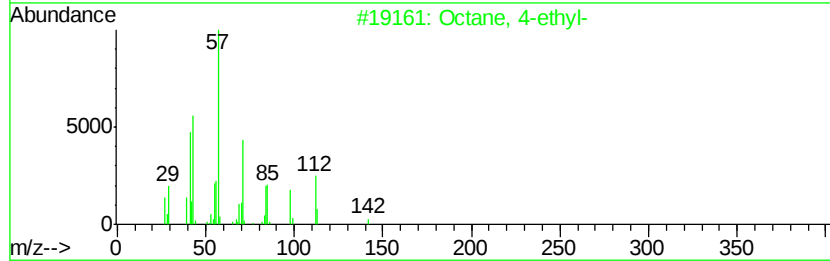
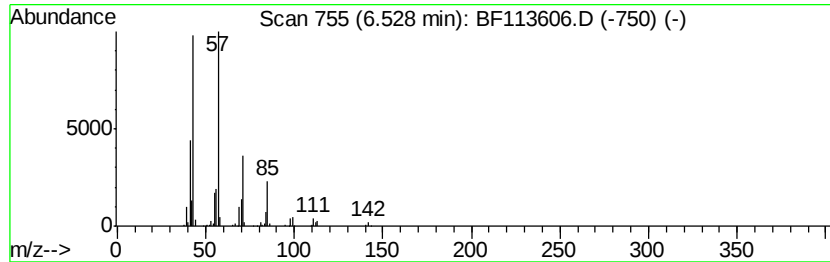
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octane, 4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	14.93 ng	502433	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	83
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3		Heneicosane	296	C21H44	000629-94-7	78
4		Decane	142	C10H22	000124-18-5	72
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-040319-A

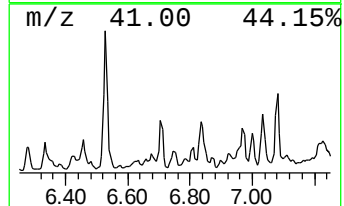
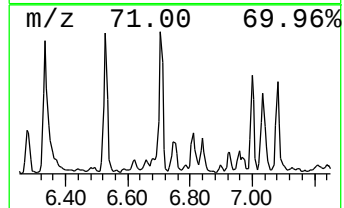
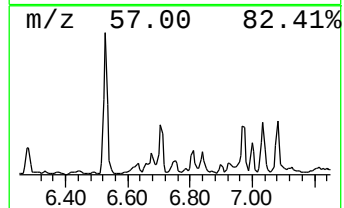
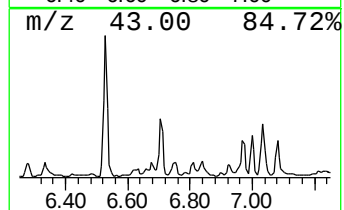
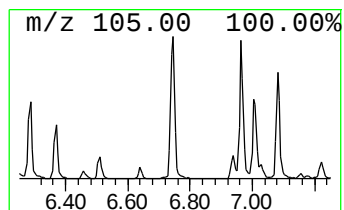
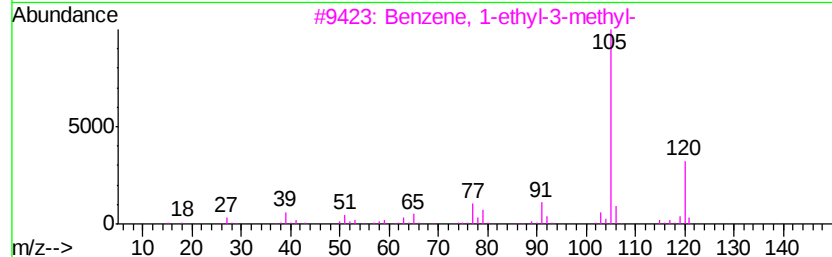
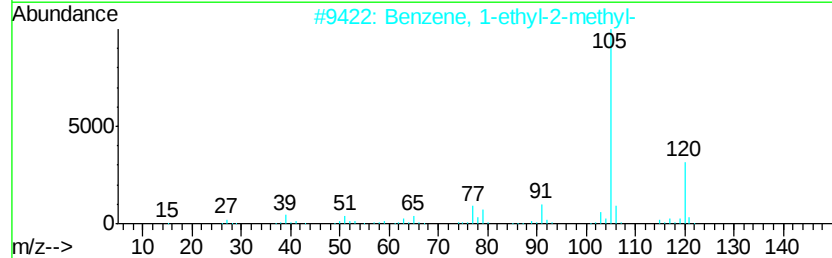
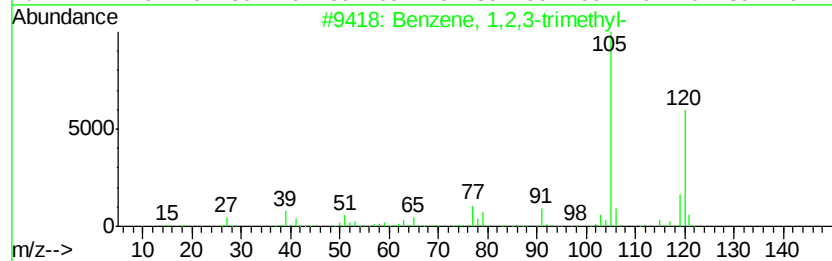
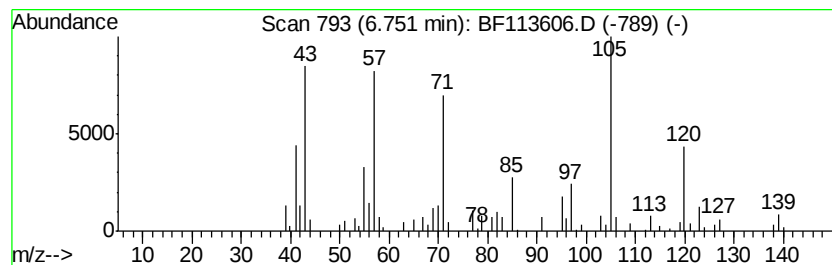
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.75 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	5.78 ng	194383	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	78
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
5		Mesitylene	120	C9H12	000108-67-8	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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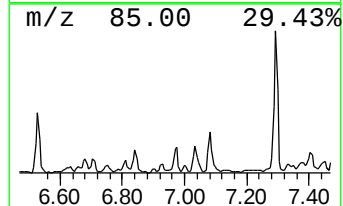
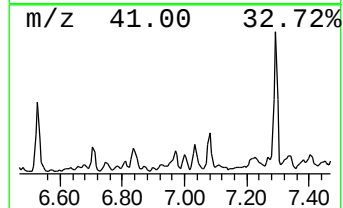
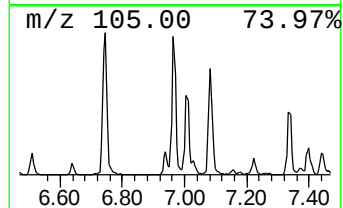
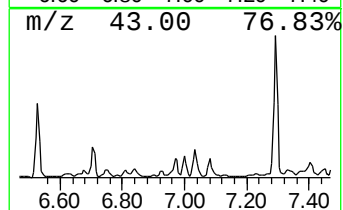
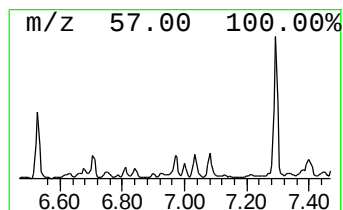
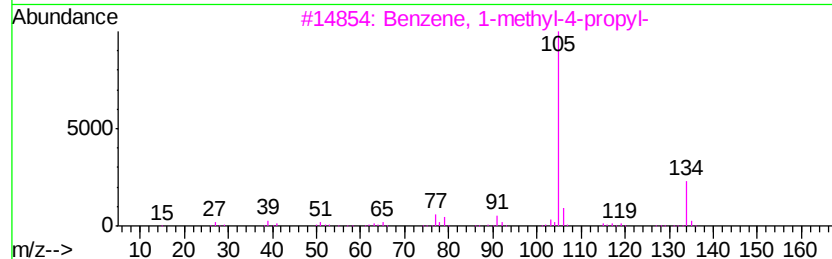
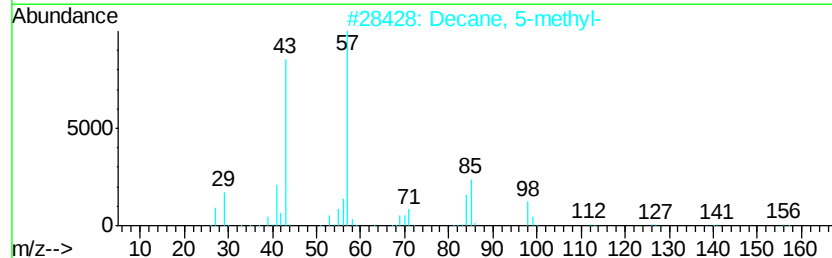
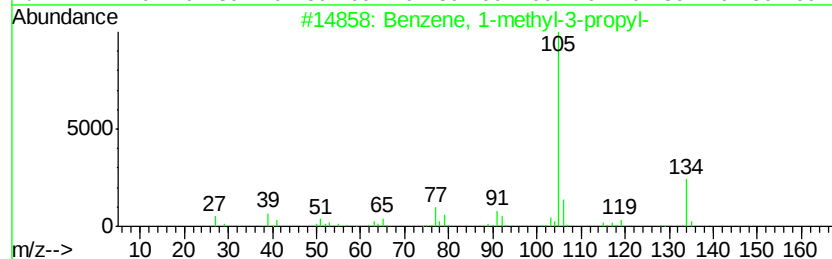
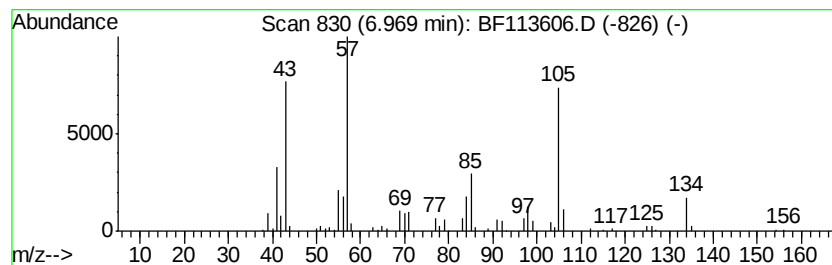
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	8.11 ng	272977	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2		Decane, 5-methyl-	156	C11H24	013151-35-4	55
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
5		Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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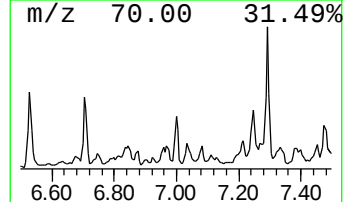
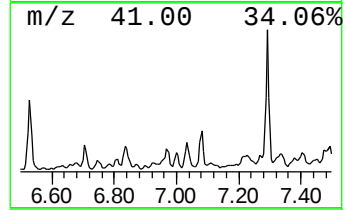
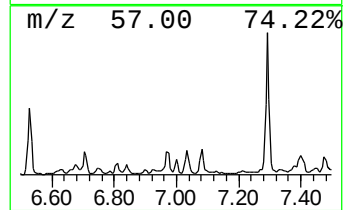
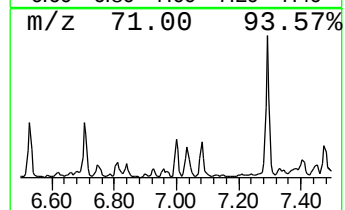
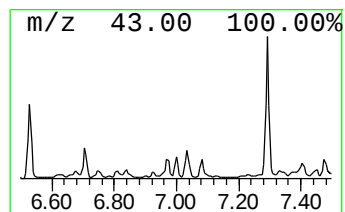
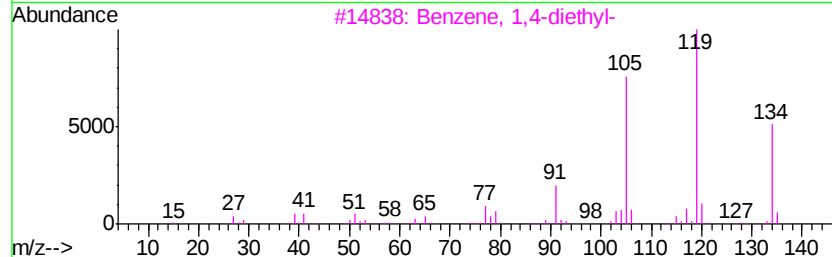
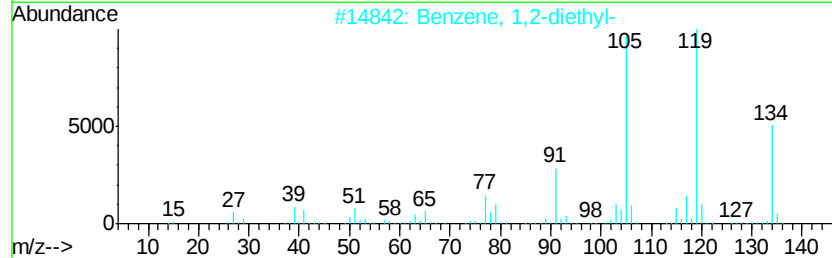
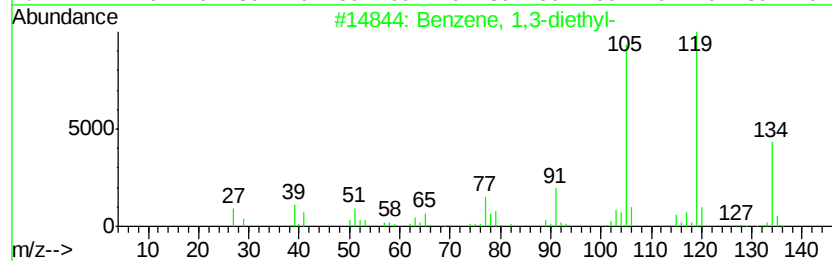
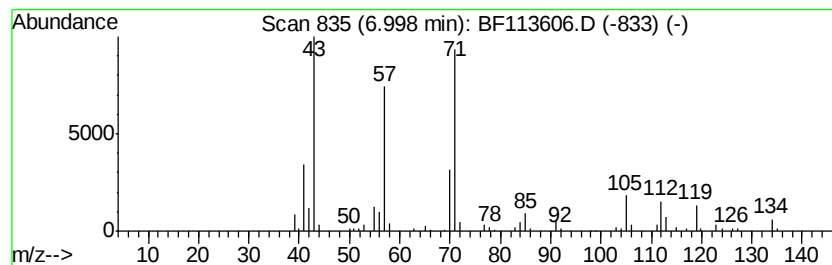
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	6.72 ng	226213	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	78
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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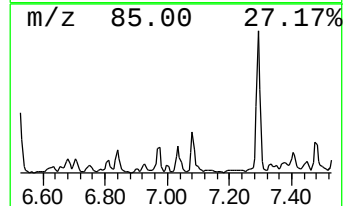
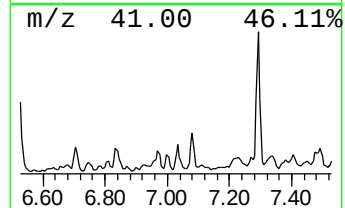
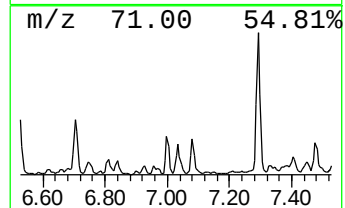
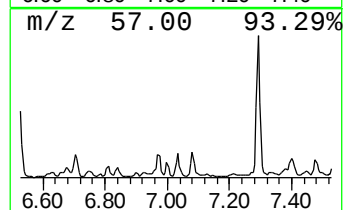
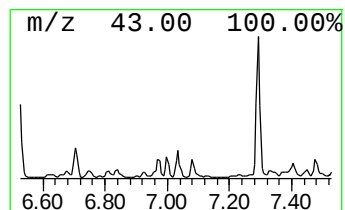
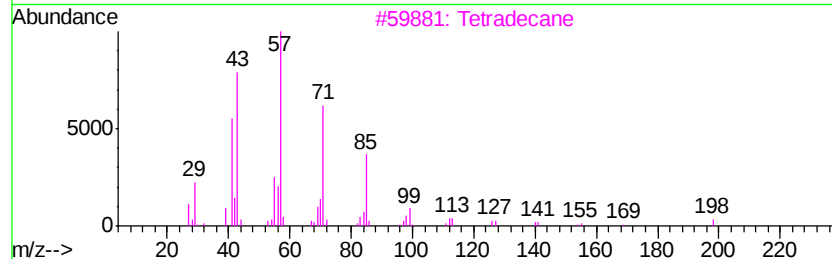
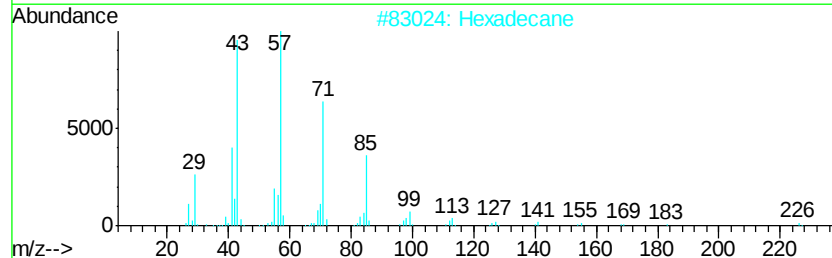
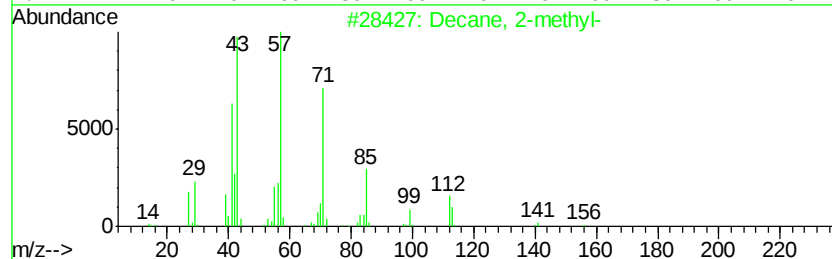
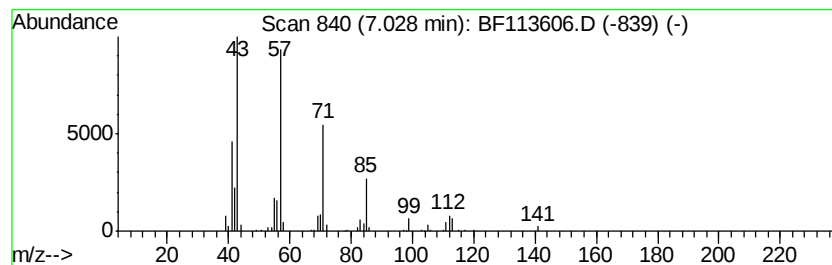
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	5.90 ng	198442	1,4-Dichlorobenzene-d4	6.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-		156	C11H24	006975-98-0	90
2	Hexadecane		226	C16H34	000544-76-3	64
3	Tetradecane		198	C14H30	000629-59-4	59
4	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	59
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
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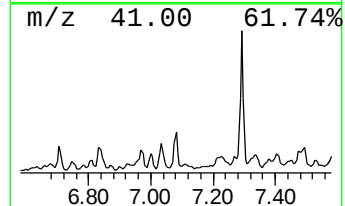
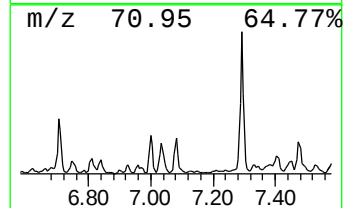
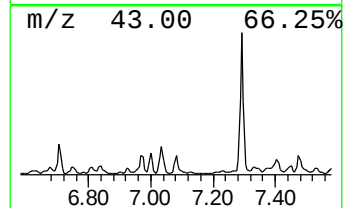
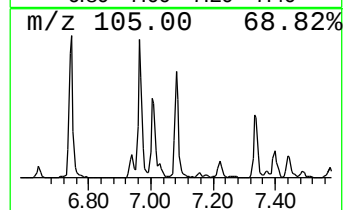
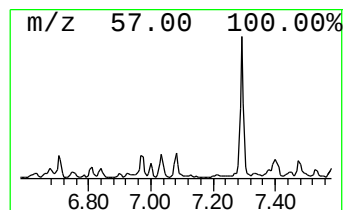
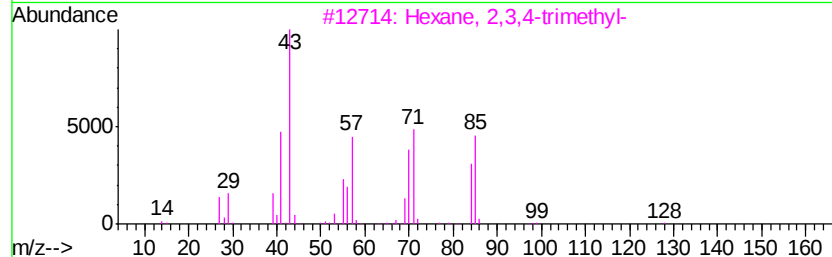
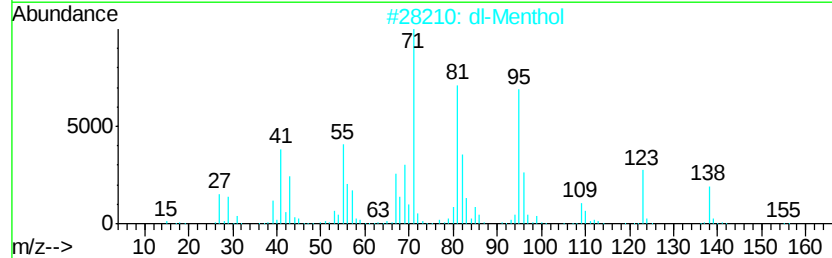
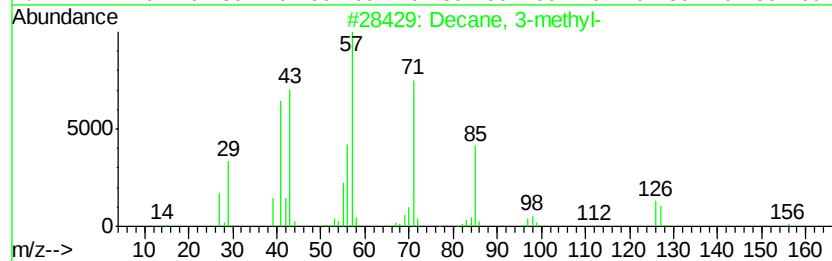
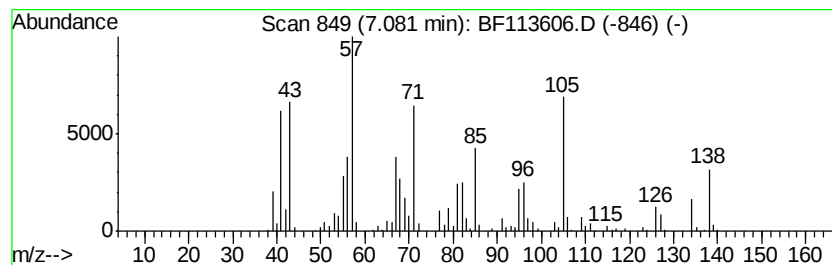
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown7.08 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	10.78 ng	362537	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	43
2		dl-Menthol	156	C10H20O	000089-78-1	35
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	25
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	22
5		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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ALS Vial : 20 Sample Multiplier: 1

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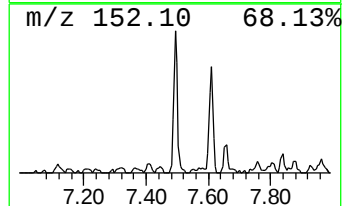
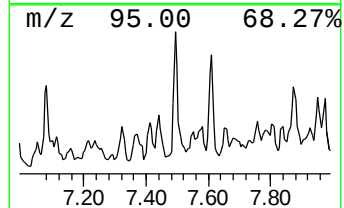
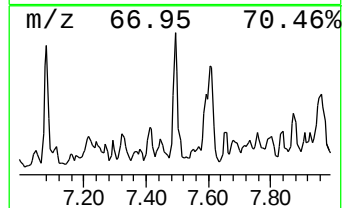
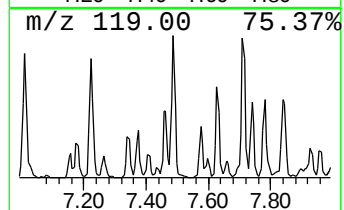
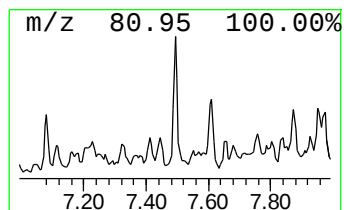
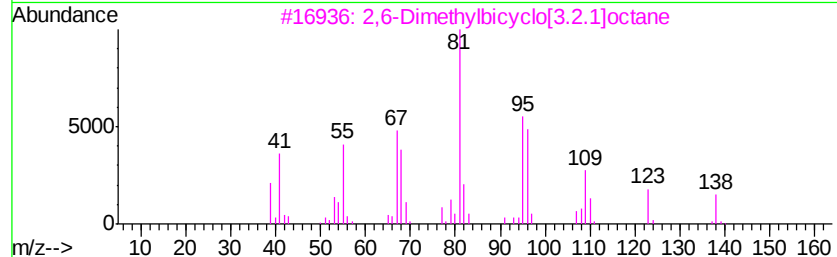
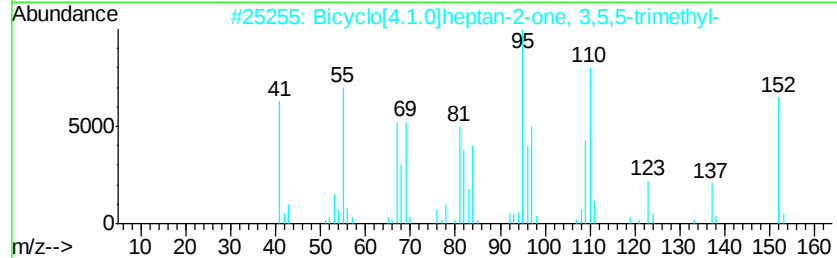
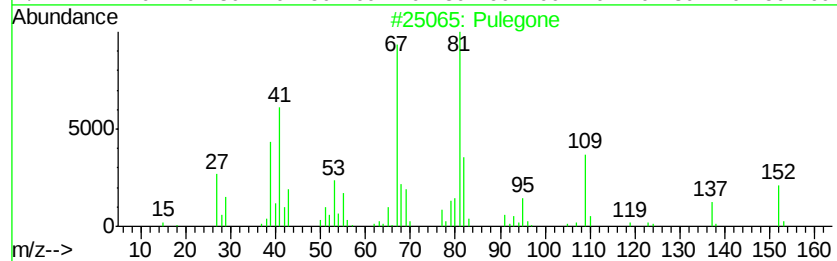
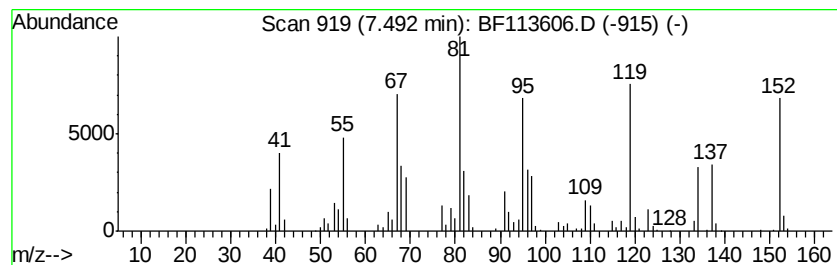
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pulegone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	4.75 ng	413961	Naphthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pulegone	152	C10H16O	000089-82-7	50
2		Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	46
3		2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	41
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	25
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

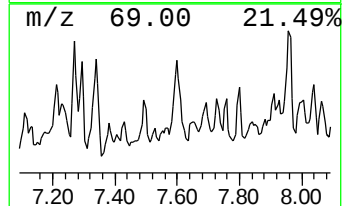
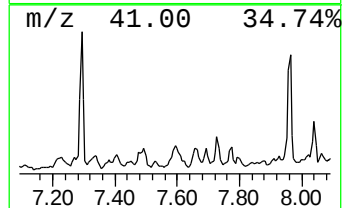
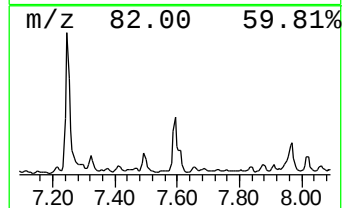
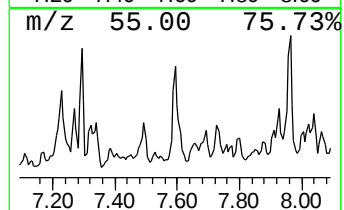
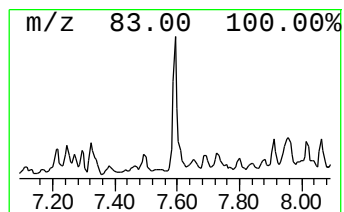
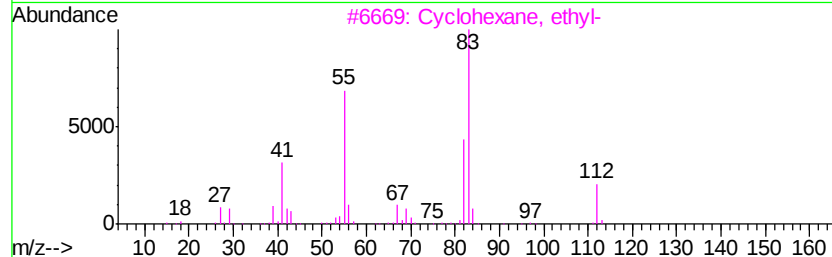
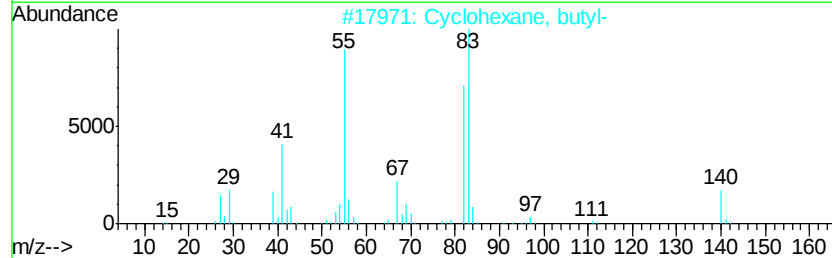
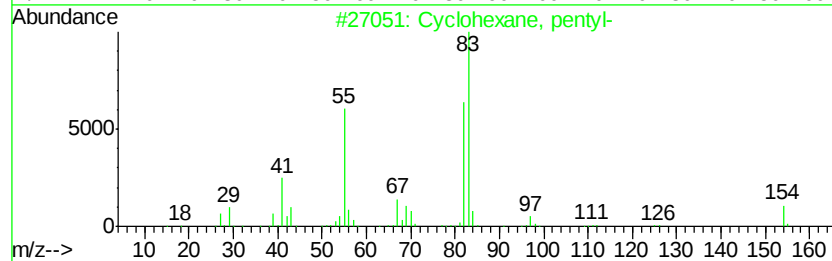
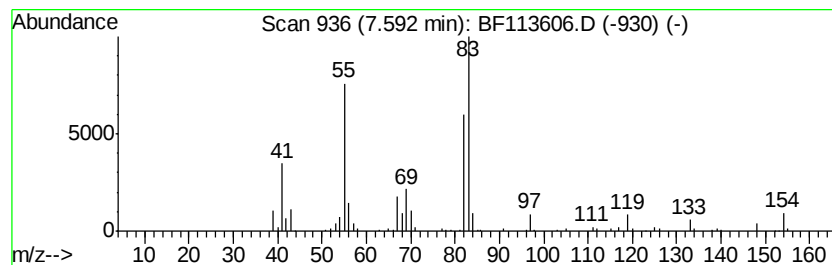
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, pentyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	5.22 ng	454628	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
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Operator : JU/SJ
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Misc :
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ClientSampleId :
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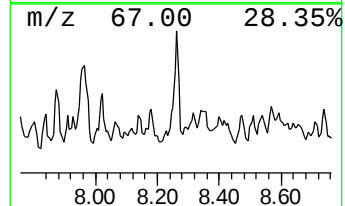
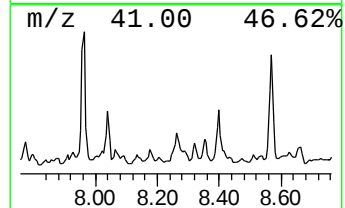
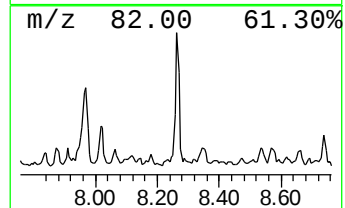
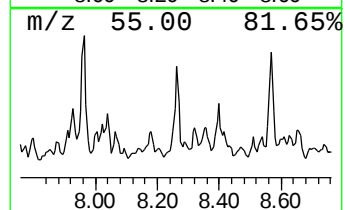
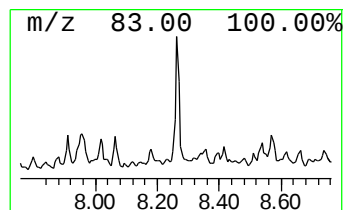
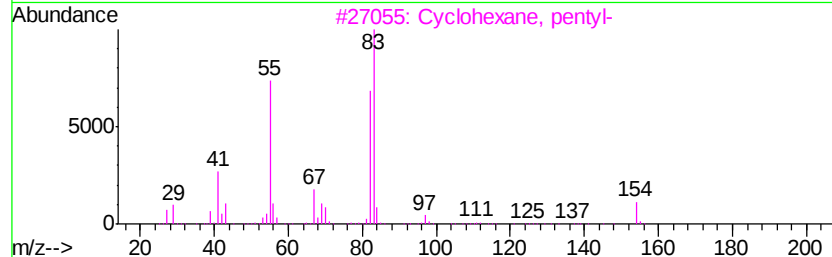
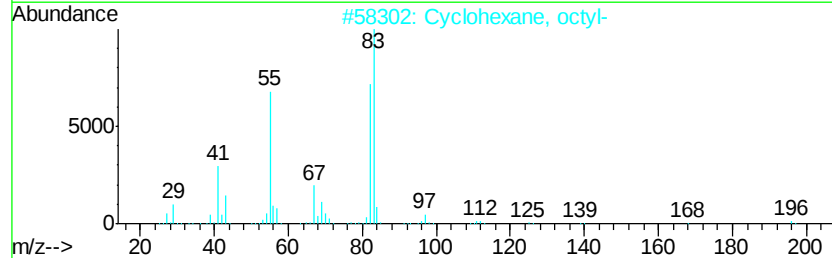
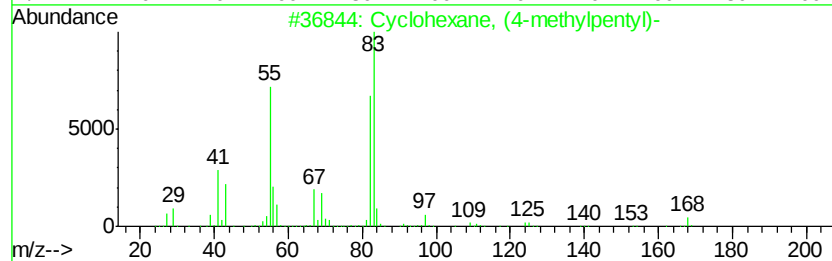
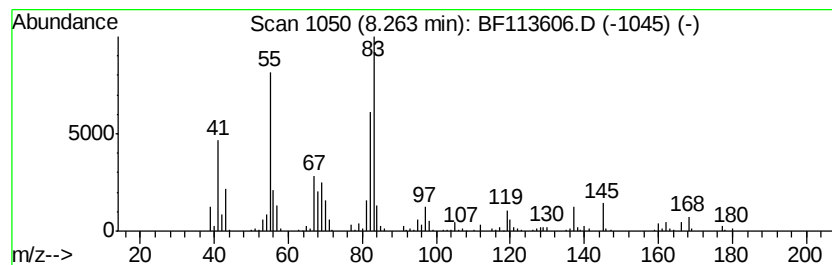
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, (4-methylpentyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	4.55 ng	396396	Naphthalene-d8	7.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2			Cyclohexane, octyl-	196	C14H28	001795-15-9	53
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4			Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
5			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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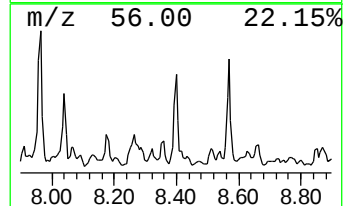
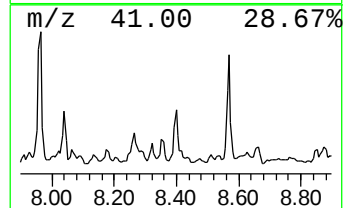
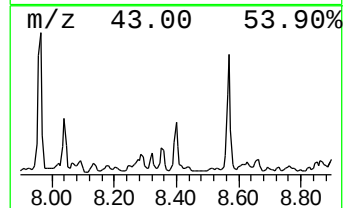
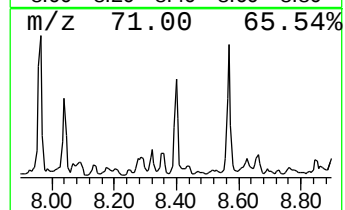
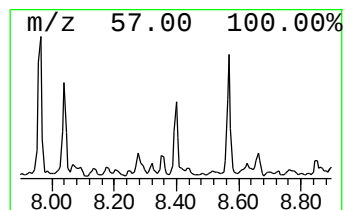
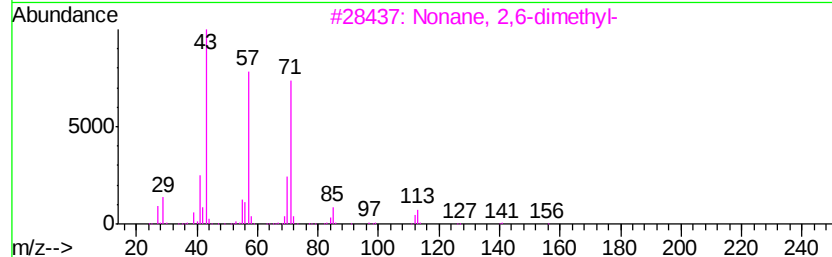
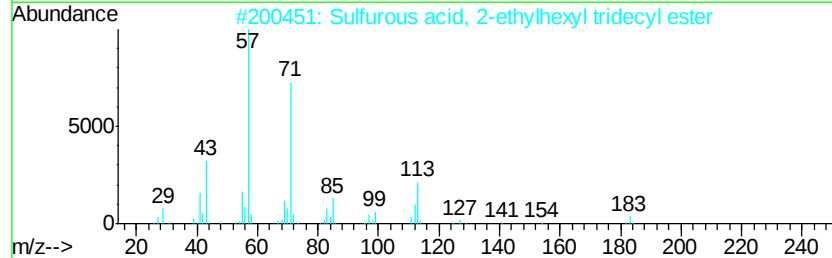
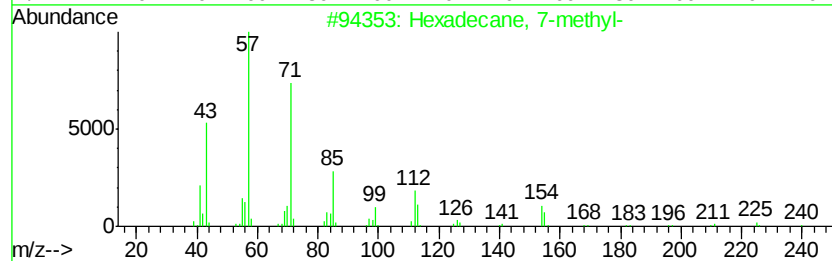
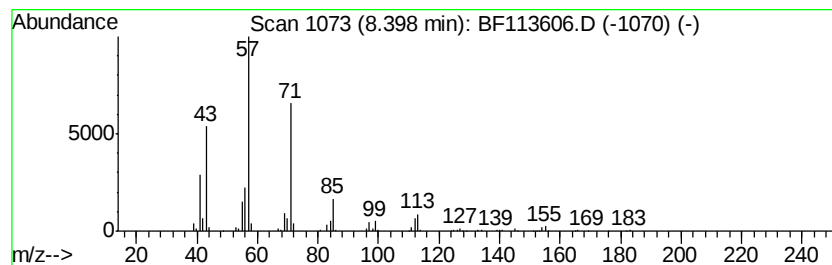
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	5.63 ng	490511	Naphthalene-d8	7.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
2			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
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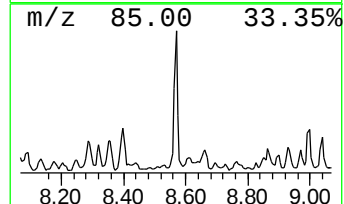
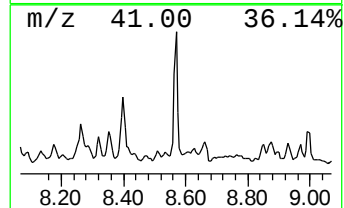
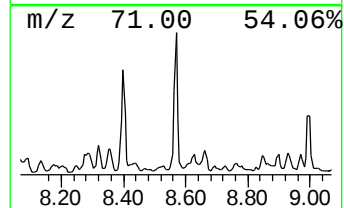
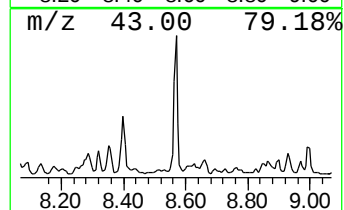
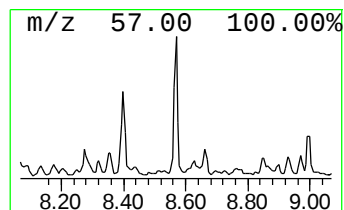
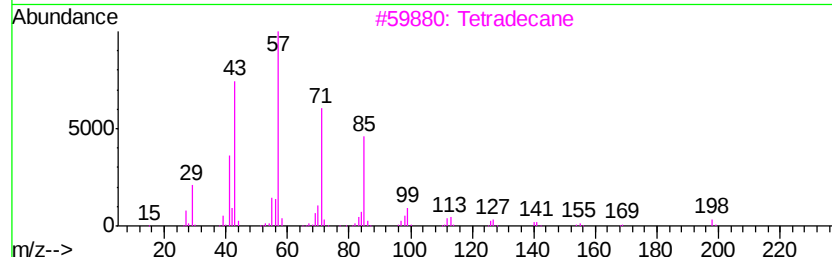
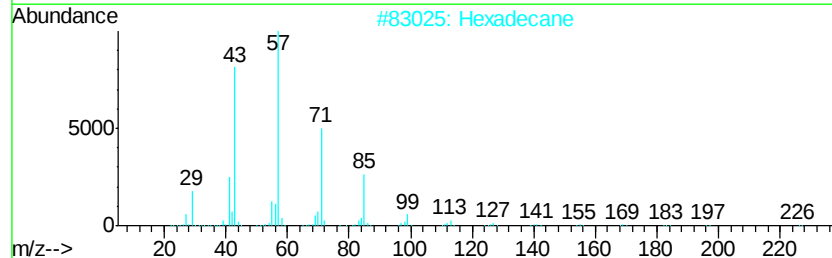
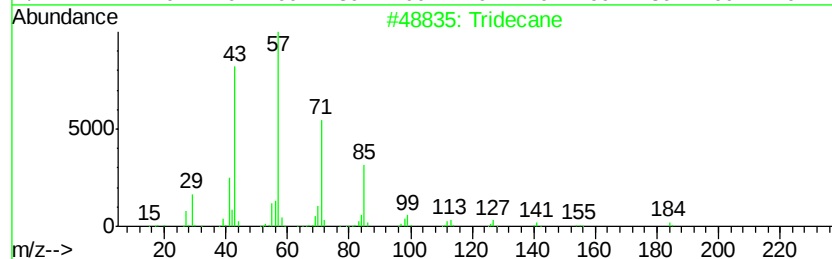
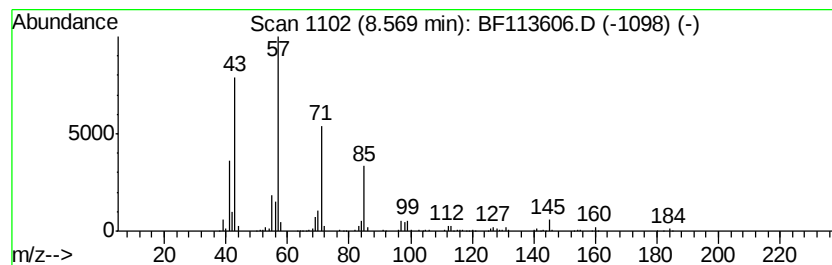
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	8.53 ng	743562	Napthalene-d8	7.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
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HR-06-040319-A

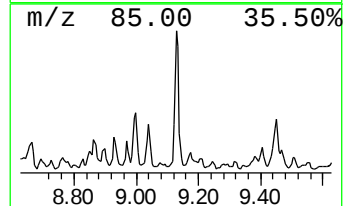
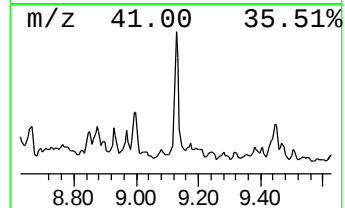
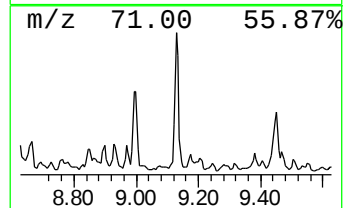
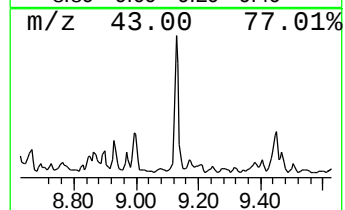
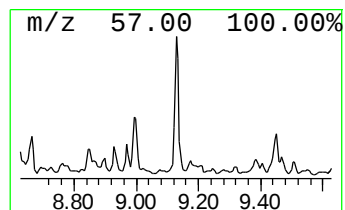
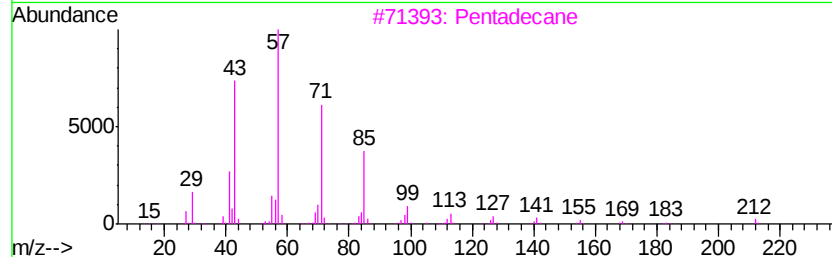
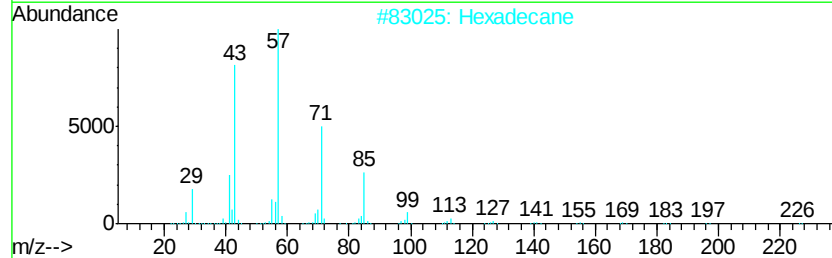
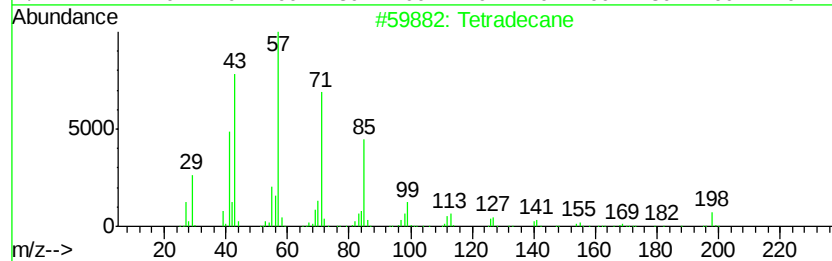
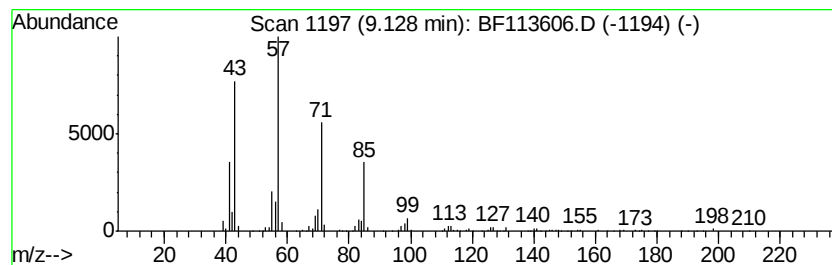
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	12.57 ng	540659	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Undecane	156	C11H24	001120-21-4	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	81



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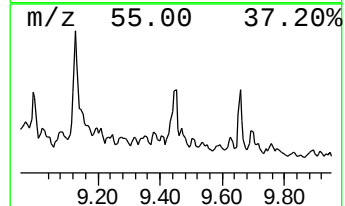
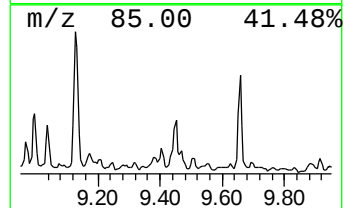
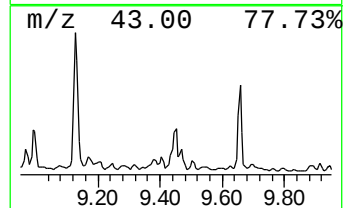
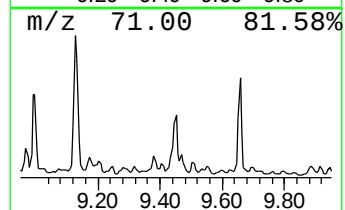
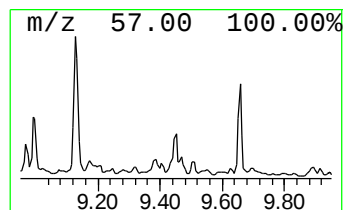
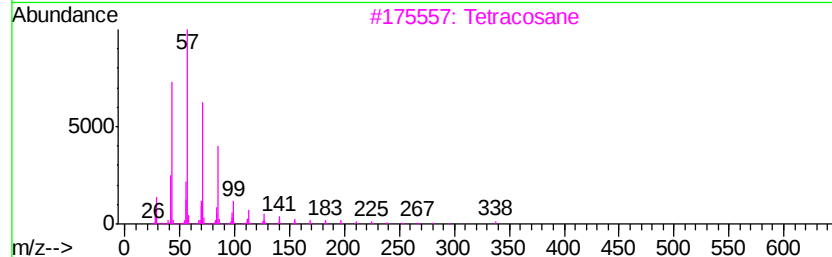
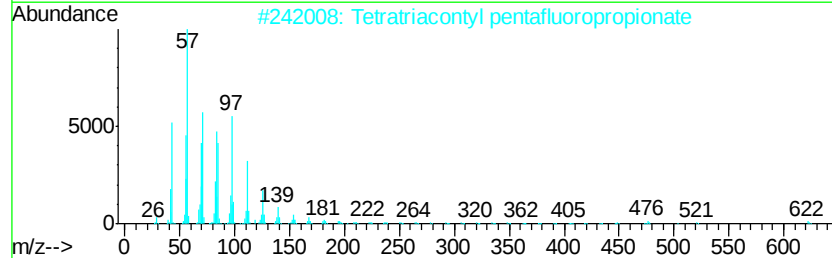
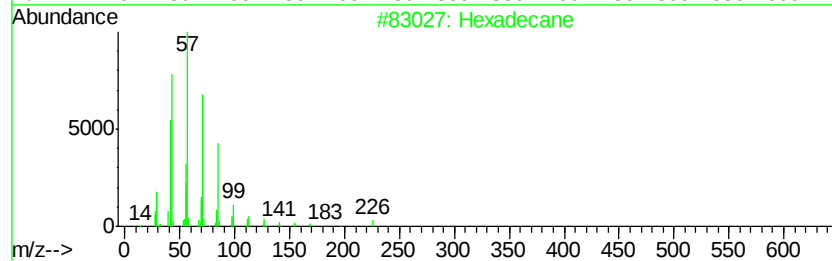
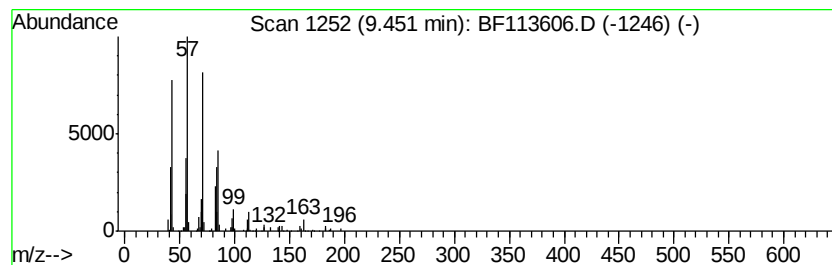
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	8.87 ng	381209	Acenaphthene-d10	9.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane		226 C16H34	000544-76-3 58
2	Tetratriacontyl pentafluoropropi...		641 C37H69F5O2	1000351-81-5 53
3	Tetracosane		338 C24H50	000646-31-1 53
4	Tetratriacontyl heptafluorobutyrate		691 C38H69F7O2	1000351-84-1 53
5	Tridecane, 1-iodo-		310 C13H27I	035599-77-0 50



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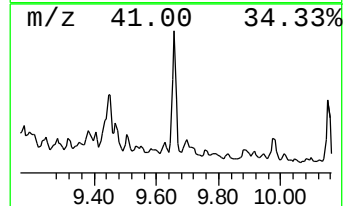
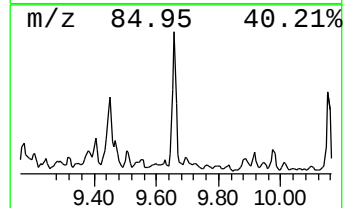
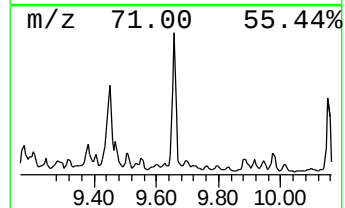
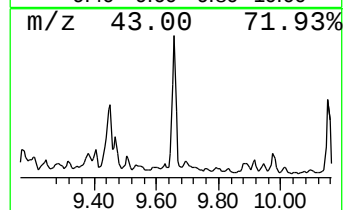
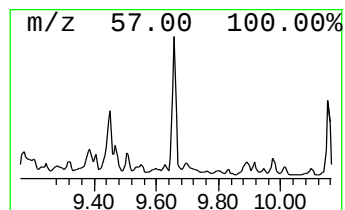
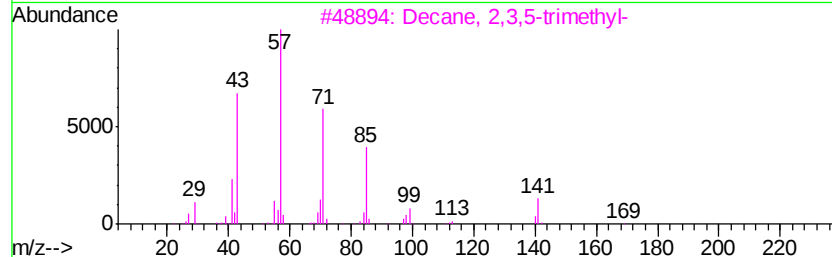
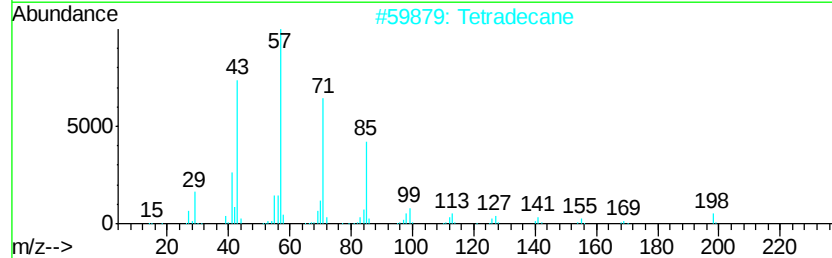
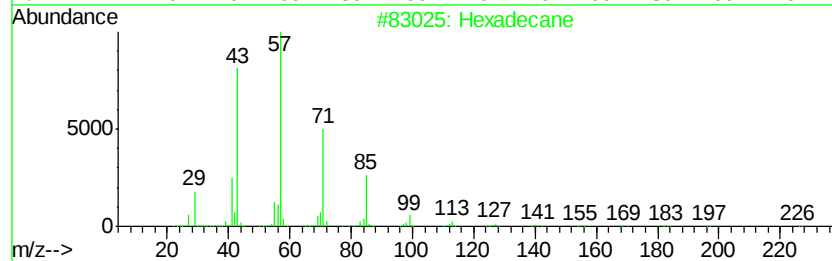
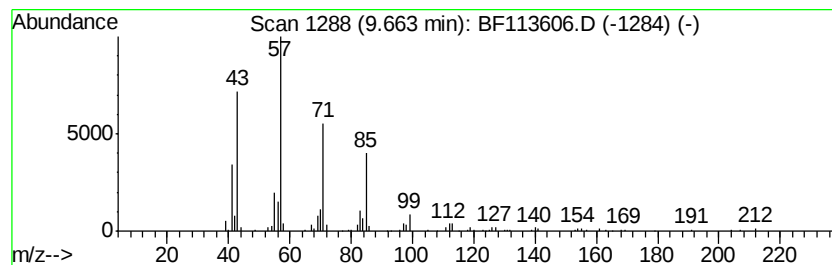
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 18 Decane, 2,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	6.86 ng	294825	Acenaphthene-d10	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

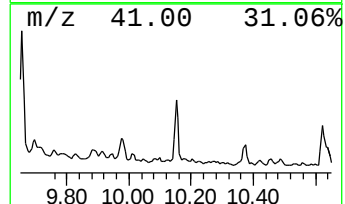
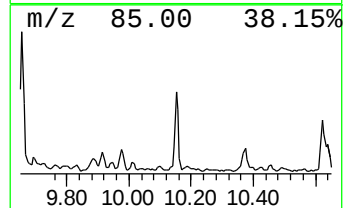
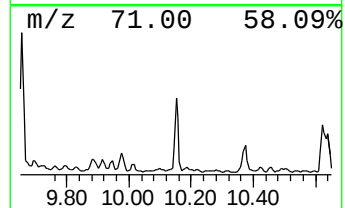
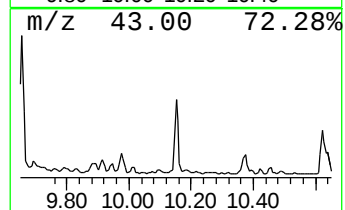
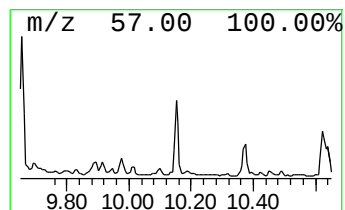
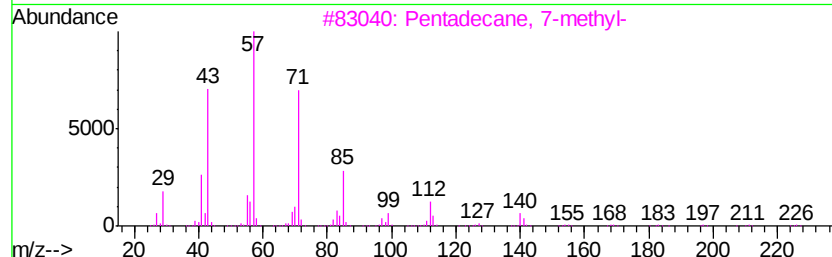
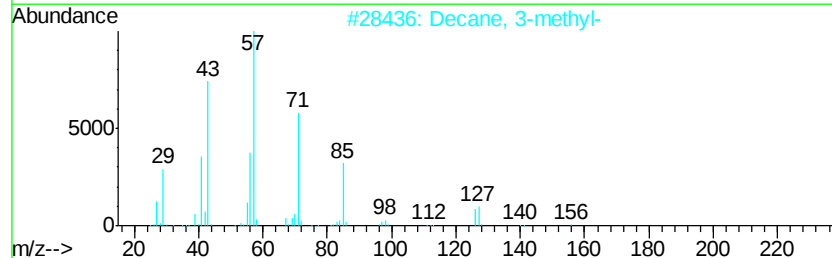
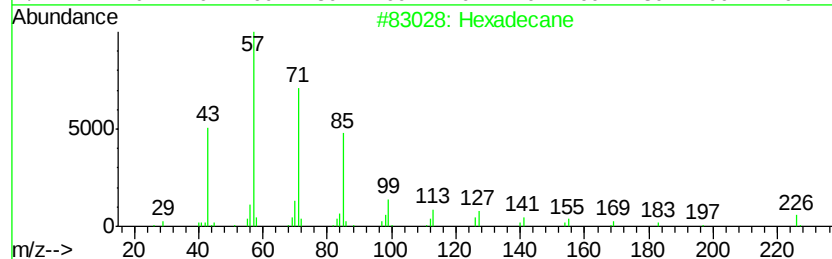
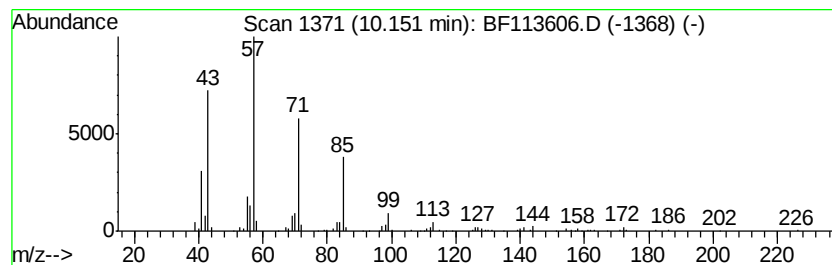
Instrument :
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ClientSampleId :
HR-06-040319-A

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 Pentadecane, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	3.98 ng	171254	Acenaphthene-d10	9.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Decane, 3-methyl-	156 C11H24	013151-34-3	87
3	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	83
4	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	83
5	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113606.D
Acq On : 5 Apr 2019 2:20
Operator : JU/SJ
Sample : K2193-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

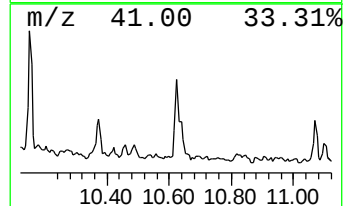
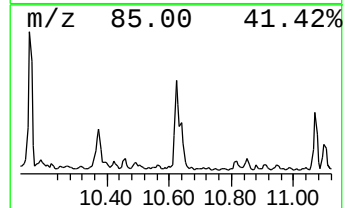
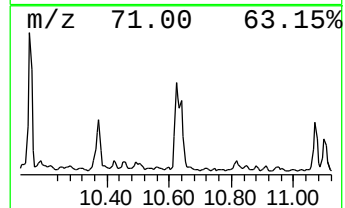
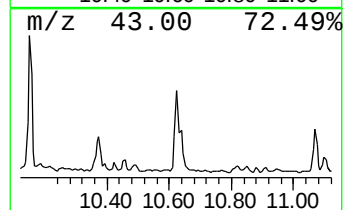
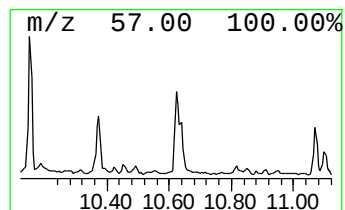
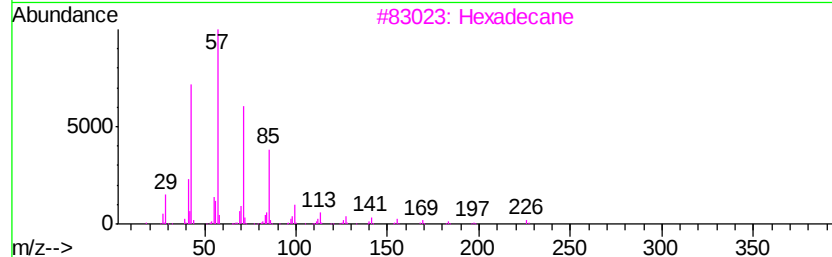
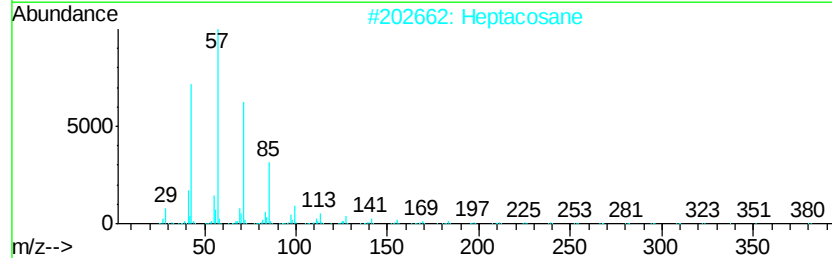
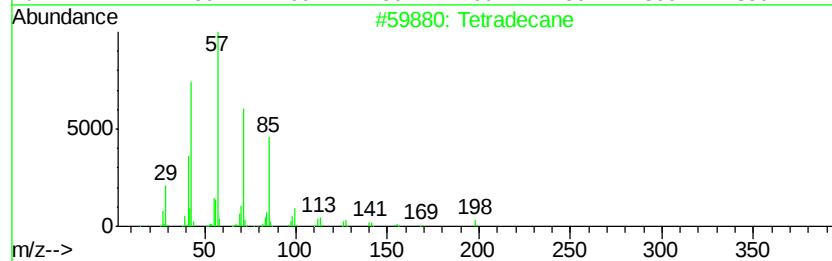
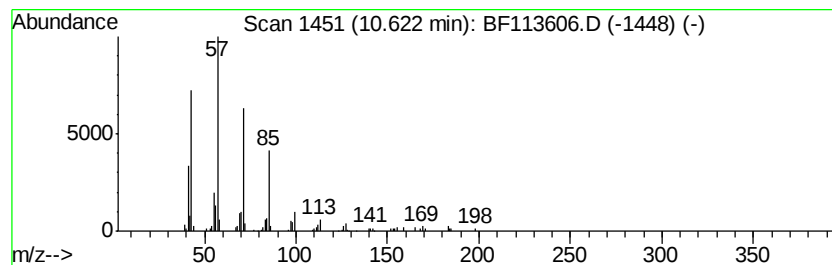
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown10.62 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	4.92 ng	199486	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Heptacosane	380	C27H56	000593-49-7	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Pentadecane	212	C15H32	000629-62-9	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113606.D
 Acq On : 5 Apr 2019 2:20
 Operator : JU/SJ
 Sample : K2193-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

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	6.22	4.6	ng	155149	1	6.68	672834	20.0
Benzene, 1,2,3-tr...	6.28	4.7	ng	156847	1	6.68	672834	20.0
unknown6.46	6.46	16.9	ng	567504	1	6.68	672834	20.0
Octane, 4-ethyl-	6.53	14.9	ng	502433	1	6.68	672834	20.0
unknown6.75	6.75	5.8	ng	194383	1	6.68	672834	20.0
Benzene, 1-methyl...	6.97	8.1	ng	272977	1	6.68	672834	20.0
Benzene, 1-ethyl-...	7.00	6.7	ng	226213	1	6.68	672834	20.0
Decane, 2-methyl-	7.03	5.9	ng	198442	1	6.68	672834	20.0
unknown7.08	7.08	10.8	ng	362537	1	6.68	672834	20.0
Pulegone	7.49	4.8	ng	413961	2	7.97	1743450	20.0
Cyclohexane, pentyl-	7.59	5.2	ng	454628	2	7.97	1743450	20.0
Cyclohexane, (4-m...	8.26	4.5	ng	396396	2	7.97	1743450	20.0
Hexadecane, 7-met...	8.40	5.6	ng	490511	2	7.97	1743450	20.0
Tridecane	8.57	8.5	ng	743562	2	7.97	1743450	20.0
Pentadecane	9.13	12.6	ng	540659	3	9.72	859962	20.0
Hexadecane	9.45	8.9	ng	381209	3	9.72	859962	20.0
Decane, 2,3,5-tri...	9.66	6.9	ng	294825	3	9.72	859962	20.0
Pentadecane, 7-me...	10.15	4.0	ng	171254	3	9.72	859962	20.0
unknown10.62	10.62	4.9	ng	199486	4	11.20	810523	20.0