

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113100.D
 Acq On : 18 Mar 2019 19:44
 Operator : JU/SJ
 Sample : K1687-11 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-C

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	550	553	563	rVB	640864	657945	22.55%	1.533%
2	5.640	601	604	610	rBV	139883	126926	4.35%	0.296%
3	5.887	641	646	651	rVB	84558	86008	2.95%	0.200%
4	5.981	660	662	669	rVB2	185290	226779	7.77%	0.528%
5	6.175	689	695	698	rBV3	113520	146708	5.03%	0.342%
6	6.240	704	706	708	rVV	165435	140701	4.82%	0.328%
7	6.269	708	711	713	rVV2	257271	282296	9.67%	0.658%
8	6.287	713	714	719	rVV2	83441	76854	2.63%	0.179%
9	6.328	719	721	725	rVV2	236066	230066	7.88%	0.536%
10	6.369	725	728	733	rVV	822214	832366	28.52%	1.939%
11	6.410	733	735	738	rVV3	96604	123713	4.24%	0.288%
12	6.475	742	746	747	rBV2	151624	156386	5.36%	0.364%
13	6.498	747	750	754	rVV	1104095	1034835	35.46%	2.411%
14	6.557	758	760	761	rVV	95142	86507	2.96%	0.202%
15	6.575	761	763	769	rVB	1131018	1044775	35.80%	2.434%
16	6.681	776	781	783	rBV3	63302	95418	3.27%	0.222%
17	6.728	786	789	792	rVV	1102217	980720	33.61%	2.285%
18	6.757	792	794	797	rVB2	426856	348518	11.94%	0.812%
19	6.792	797	800	804	rBV3	267274	298045	10.21%	0.694%
20	6.857	809	811	813	rVV	114946	99783	3.42%	0.232%
21	6.887	813	816	820	rVV	1078471	1053751	36.11%	2.455%
22	6.922	820	822	824	rVB	105967	88351	3.03%	0.206%
23	6.975	828	831	834	rBV4	86570	129147	4.43%	0.301%
24	7.016	834	838	841	rVV3	351161	434139	14.88%	1.011%
25	7.051	841	844	847	rVV2	403343	367832	12.61%	0.857%
26	7.081	847	849	854	rVB	378736	313105	10.73%	0.729%
27	7.128	854	857	860	rBV	659269	523041	17.92%	1.218%
28	7.287	875	884	887	rBV3	645903	1046890	35.88%	2.439%
29	7.316	887	889	890	rVV2	184141	146387	5.02%	0.341%
30	7.339	890	893	896	rVV	2194680	1707166	58.50%	3.977%
31	7.386	896	901	904	rVB4	279109	417360	14.30%	0.972%
32	7.416	904	906	909	rBV3	134124	191685	6.57%	0.447%
33	7.451	909	912	916	rVV3	246839	267983	9.18%	0.624%
34	7.504	916	921	922	rVV3	139734	193687	6.64%	0.451%

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35	7.539	922	927	931	rVB3	369471	597608	20.48%	1.392%
36	7.639	938	944	951	rVV7	330403	747376	25.61%	1.741%
37	7.704	952	955	958	rVV2	323696	362299	12.42%	0.844%
38	7.739	958	961	963	rVV	420704	445080	15.25%	1.037%
39	7.775	965	967	971	rVV2	496303	509739	17.47%	1.187%
40	7.822	972	975	976	rVV2	298914	272112	9.33%	0.634%
41	7.851	976	980	983	rVB4	295958	380686	13.05%	0.887%
42	7.886	983	986	988	rBV	144529	132452	4.54%	0.309%
43	7.975	995	1001	1003	rVV4	220750	319304	10.94%	0.744%
44	8.010	1003	1007	1010	rVV	3070048	2918081	100.00%	6.798%
45	8.063	1014	1016	1018	rVV2	249080	274824	9.42%	0.640%
46	8.086	1018	1020	1022	rVV	747868	551085	18.89%	1.284%
47	8.110	1022	1024	1027	rVV3	193947	206141	7.06%	0.480%
48	8.139	1027	1029	1031	rVB2	143075	109554	3.75%	0.255%
49	8.186	1032	1037	1039	rBV4	137778	223577	7.66%	0.521%
50	8.210	1039	1041	1042	rVV	165734	134231	4.60%	0.313%
51	8.257	1046	1049	1051	rVV3	108251	112728	3.86%	0.263%
52	8.310	1053	1058	1061	rVV5	419638	616567	21.13%	1.436%
53	8.369	1065	1068	1070	rVV2	342241	299621	10.27%	0.698%
54	8.398	1070	1073	1076	rVV2	446943	420963	14.43%	0.981%
55	8.445	1077	1081	1085	rVV	754405	809226	27.73%	1.885%
56	8.481	1085	1087	1090	rVB2	158179	132987	4.56%	0.310%
57	8.516	1090	1093	1097	rBV3	346079	320604	10.99%	0.747%
58	8.557	1097	1100	1102	rBV4	107965	107479	3.68%	0.250%
59	8.616	1106	1110	1113	rVV	1842251	1637469	56.11%	3.815%
60	8.675	1117	1120	1122	rVV2	269458	296467	10.16%	0.691%
61	8.710	1123	1126	1132	rVB3	281303	359210	12.31%	0.837%
62	8.769	1132	1136	1138	rBV3	59695	92556	3.17%	0.216%
63	8.833	1145	1147	1152	rVB2	215128	229942	7.88%	0.536%
64	8.898	1155	1158	1159	rBV	201239	187167	6.41%	0.436%
65	8.922	1159	1162	1164	rVV3	178515	242636	8.31%	0.565%
66	8.945	1164	1166	1167	rVV	125074	100401	3.44%	0.234%
67	8.975	1169	1171	1174	rVB	266747	211902	7.26%	0.494%
68	9.016	1175	1178	1180	rBV	169307	162696	5.58%	0.379%
69	9.045	1180	1183	1186	rVB2	449433	401315	13.75%	0.935%
70	9.086	1186	1190	1195	rVB	988229	929193	31.84%	2.165%
71	9.175	1202	1205	1209	rBV	1241250	1153949	39.54%	2.688%

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72	9.239	1214	1216	1218	rVB	102870	70380	2.41%	0.164%
73	9.345	1229	1234	1235	rBV5	65980	104780	3.59%	0.244%
74	9.404	1240	1244	1245	rBV3	65676	83551	2.86%	0.195%
75	9.428	1245	1248	1250	rVV2	169740	212397	7.28%	0.495%
76	9.451	1250	1252	1254	rVV	171171	139920	4.79%	0.326%
77	9.498	1254	1260	1261	rVV3	375538	511226	17.52%	1.191%
78	9.516	1261	1263	1266	rVV	206341	184221	6.31%	0.429%
79	9.551	1266	1269	1272	rVB3	118492	110867	3.80%	0.258%
80	9.704	1292	1295	1299	rVV	808177	613685	21.03%	1.430%
81	9.763	1299	1305	1311	rVV	1095068	1131218	38.77%	2.635%
82	9.933	1331	1334	1337	rBV4	65664	96934	3.32%	0.226%
83	10.028	1347	1350	1353	rVV3	117135	126206	4.32%	0.294%
84	10.198	1376	1379	1382	rVV	384731	321195	11.01%	0.748%
85	10.422	1410	1417	1422	rBV	129667	166603	5.71%	0.388%
86	10.545	1434	1438	1447	rBV	509981	554465	19.00%	1.292%
87	10.669	1457	1459	1467	rVB	256400	332520	11.40%	0.775%
88	11.116	1533	1535	1538	rBV	130390	112177	3.84%	0.261%
89	11.239	1552	1556	1563	rBV	1067025	1073390	36.78%	2.501%
90	11.545	1604	1608	1610	rBV	83452	70941	2.43%	0.165%
91	11.639	1621	1624	1629	rBV	346681	285766	9.79%	0.666%
92	12.321	1736	1740	1742	rBV	1538573	1344220	46.07%	3.132%
93	12.345	1742	1744	1753	rVB	961390	842077	28.86%	1.962%
94	12.427	1755	1758	1760	rBV	159656	149718	5.13%	0.349%
95	12.674	1795	1800	1803	rBV	105907	118289	4.05%	0.276%
96	12.816	1821	1824	1832	rBV	970519	916454	31.41%	2.135%
97	13.063	1863	1866	1871	rBV3	50219	78285	2.68%	0.182%
98	13.868	1999	2003	2009	rBV	1152475	1225371	41.99%	2.855%
99	14.527	2112	2115	2120	rBV	160672	164795	5.65%	0.384%
100	15.280	2238	2243	2246	rBV	639795	818937	28.06%	1.908%

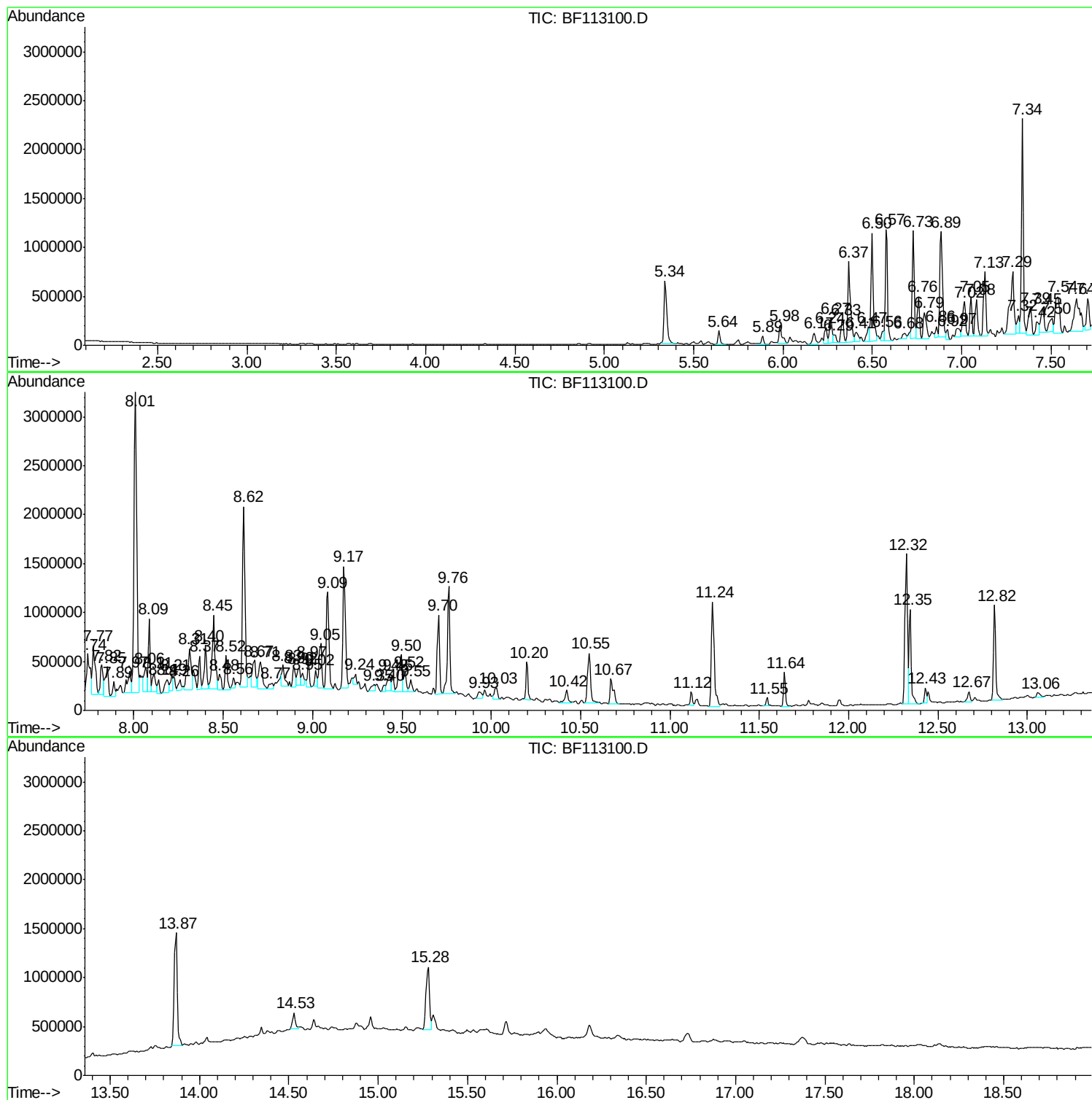
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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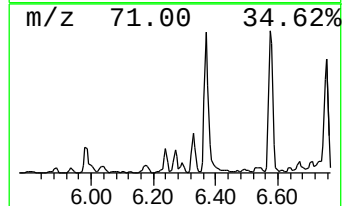
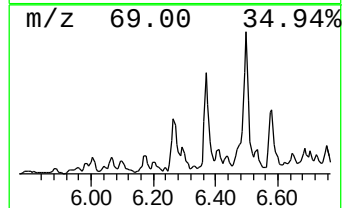
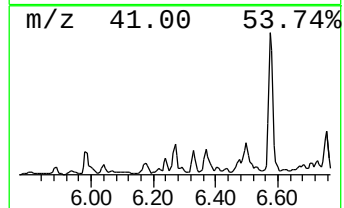
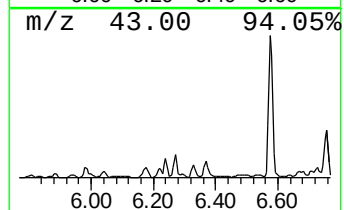
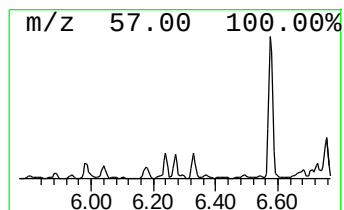
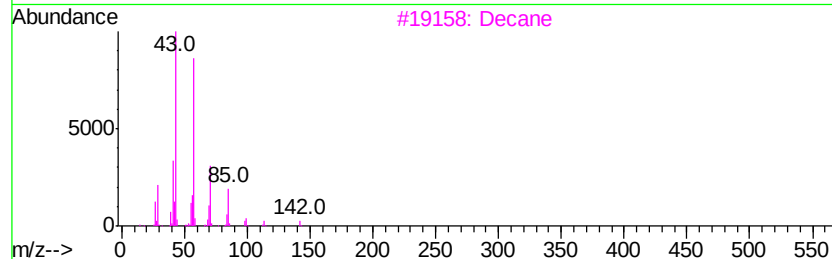
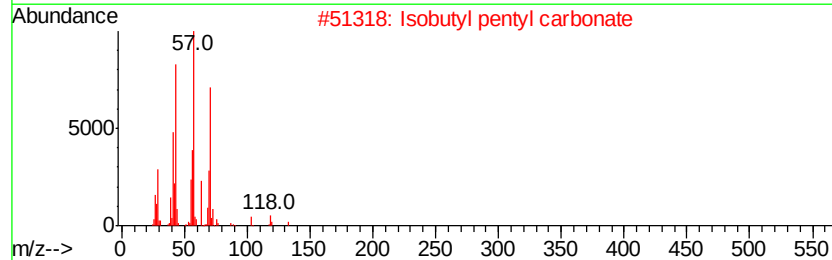
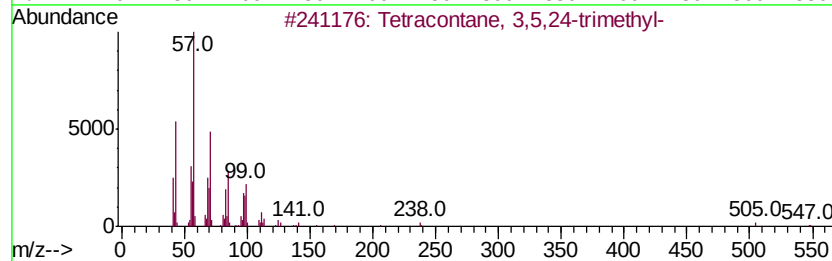
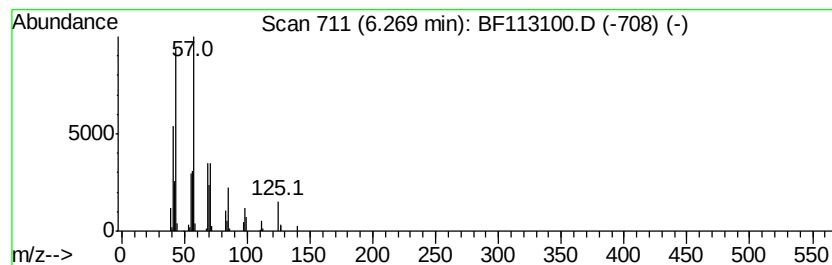
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetracontane, 3,5,24-trimet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	5.76 ng	282296	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	50
2			Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	47
3			Decane	142	C10H22	000124-18-5	47
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
5			Nonane	128	C9H20	000111-84-2	43



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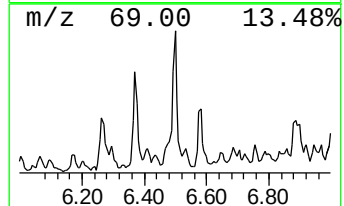
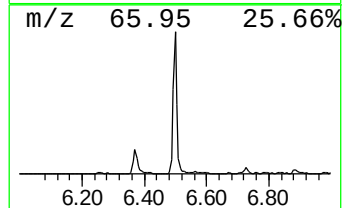
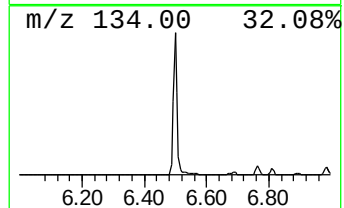
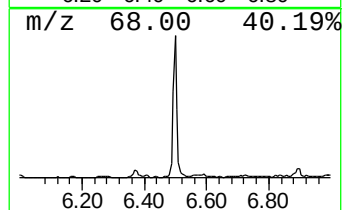
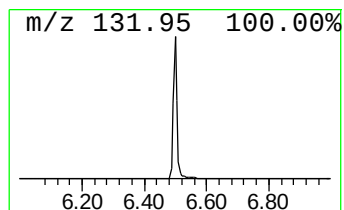
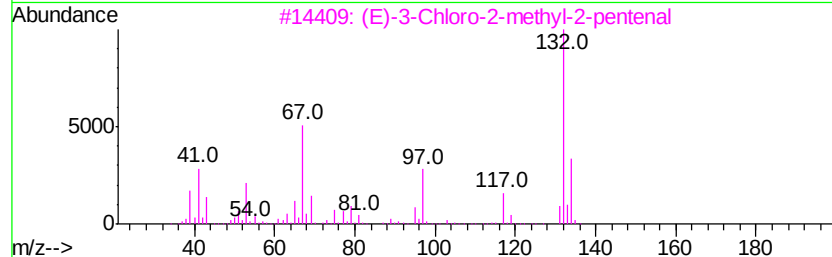
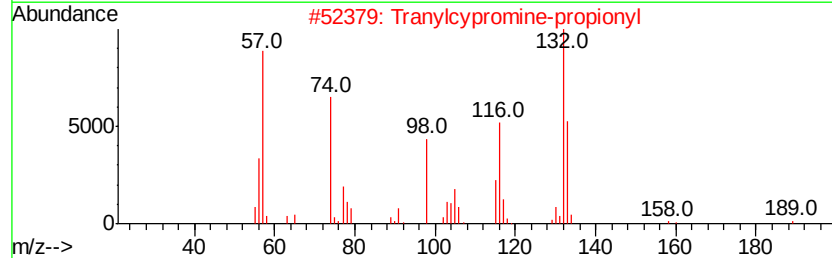
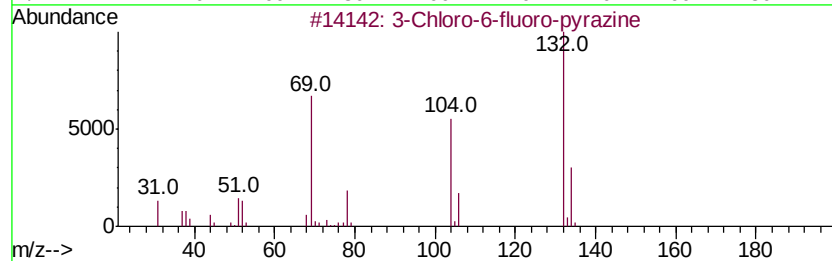
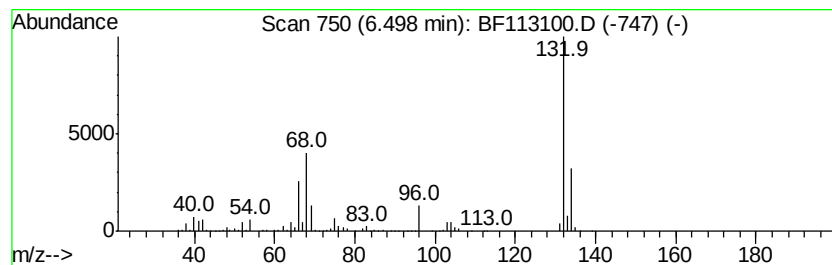
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.50 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	21.10 ng	1034840	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Xenon	132	Xe	007440-63-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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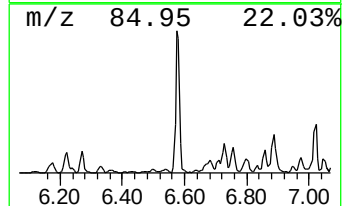
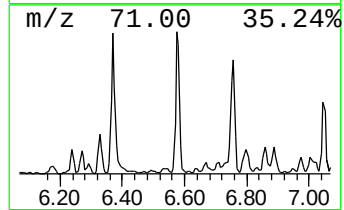
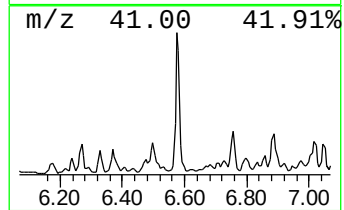
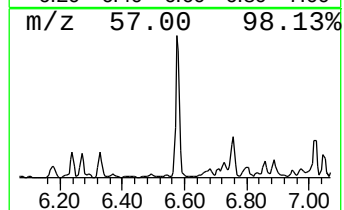
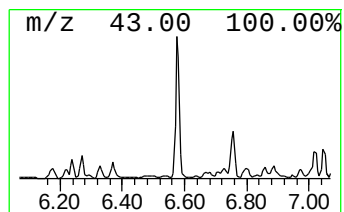
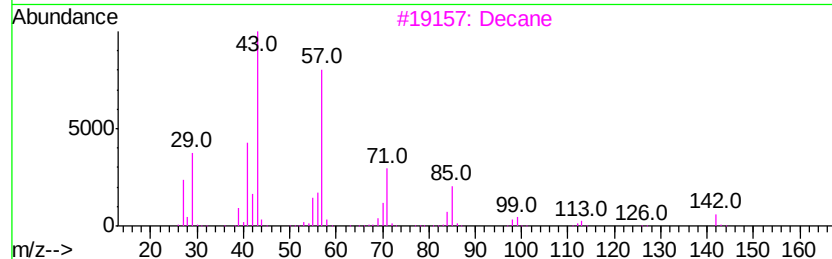
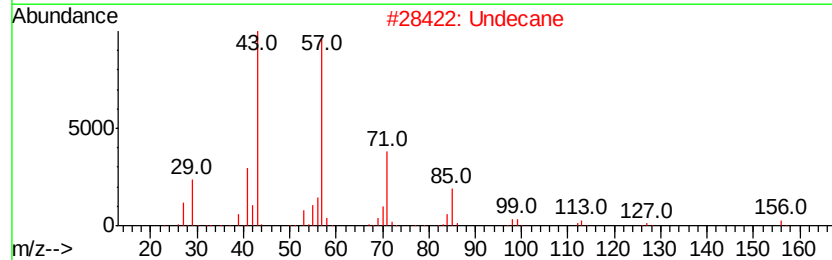
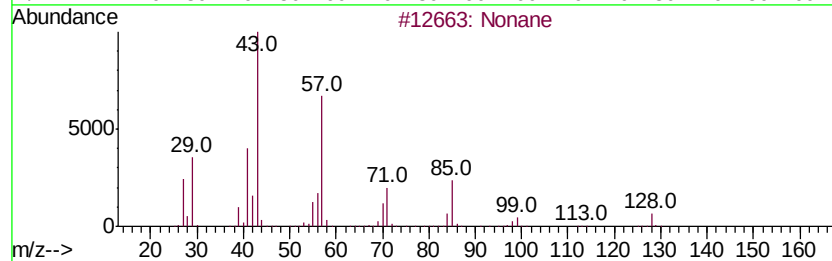
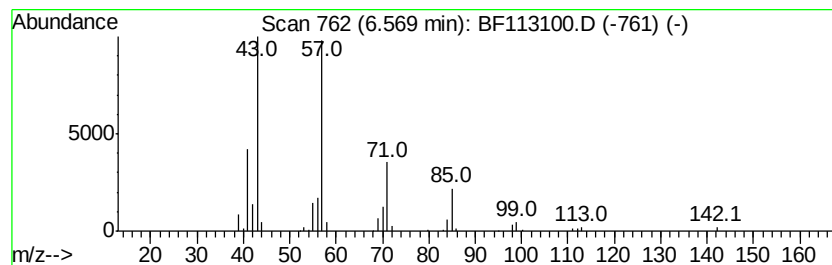
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	21.31 ng	1044780	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane		128	C9H20	000111-84-2	90
2	Undecane		156	C11H24	001120-21-4	90
3	Decane		142	C10H22	000124-18-5	78
4	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	78
5	Tridecane		184	C13H28	000629-50-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
Acq On : 18 Mar 2019 19:44
Operator : JU/SJ
Sample : K1687-11 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-C

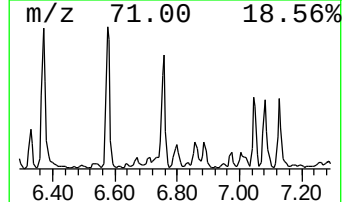
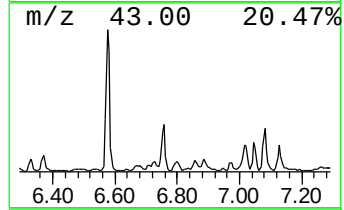
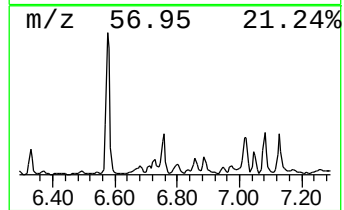
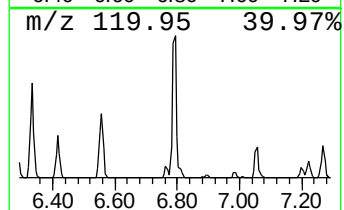
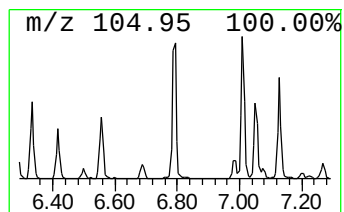
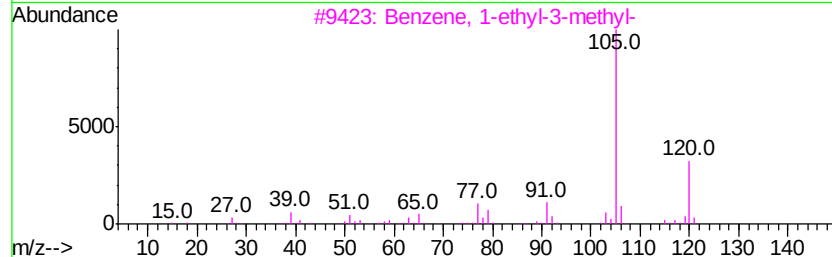
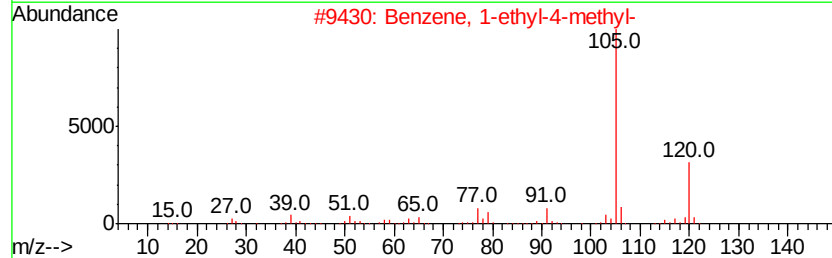
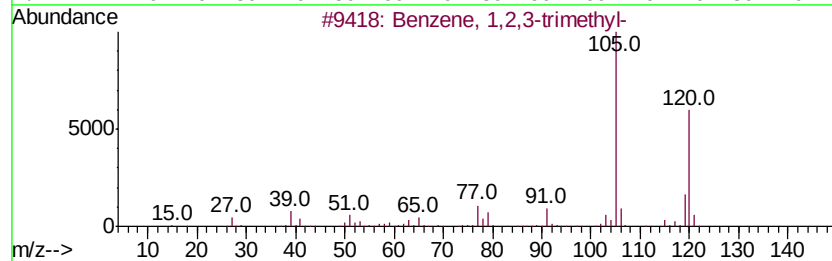
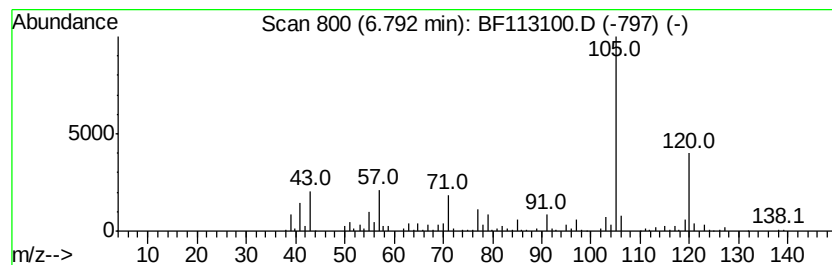
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	6.08 ng	298045	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4		Mesitylene	120	C9H12	000108-67-8	76
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
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Sample : K1687-11 5X
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ClientSampleId :
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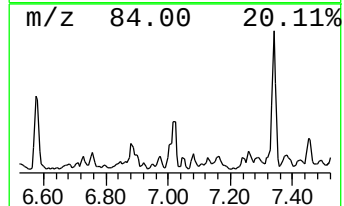
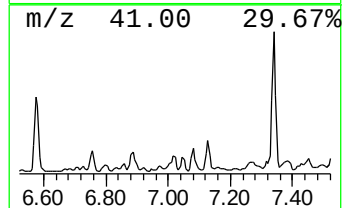
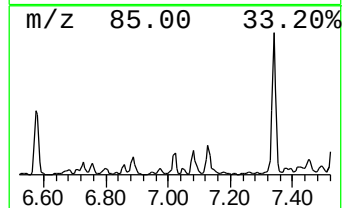
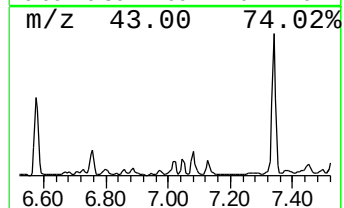
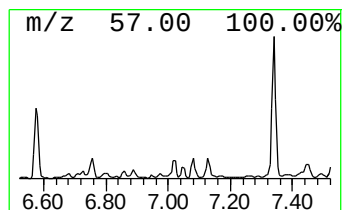
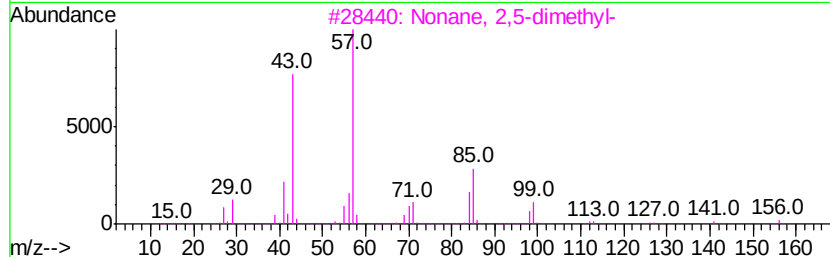
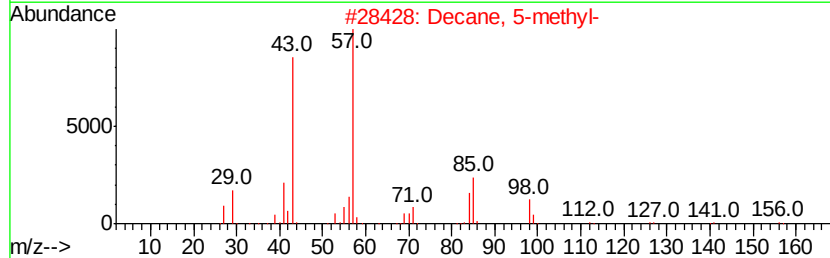
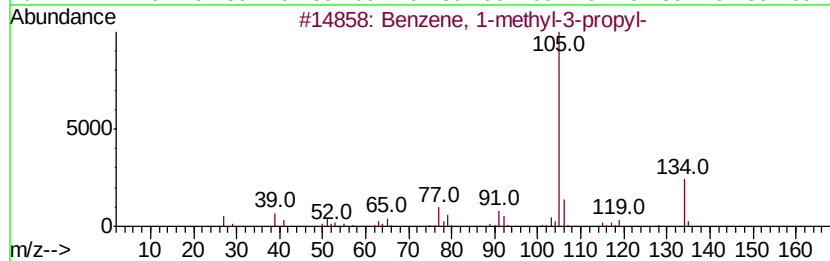
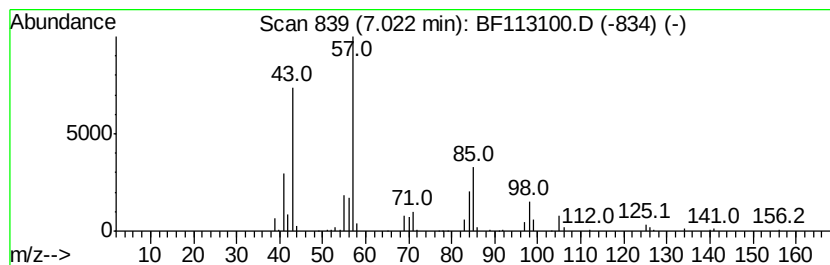
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	8.85 ng	434139	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
2		Decane, 5-methyl-	156	C11H24	013151-35-4	60
3		Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	46
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	38
5		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
Acq On : 18 Mar 2019 19:44
Operator : JU/SJ
Sample : K1687-11 5X
Misc :
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ClientSampleId :
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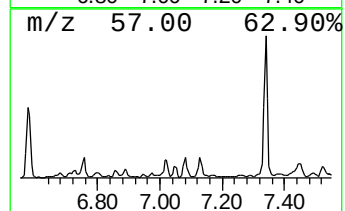
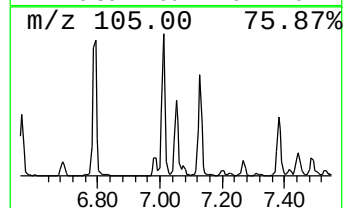
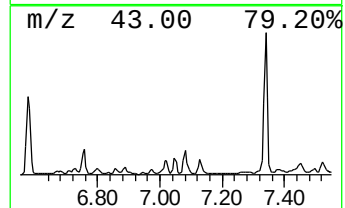
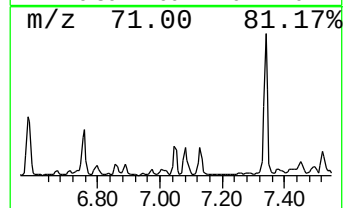
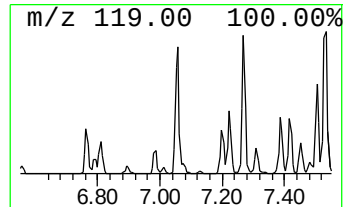
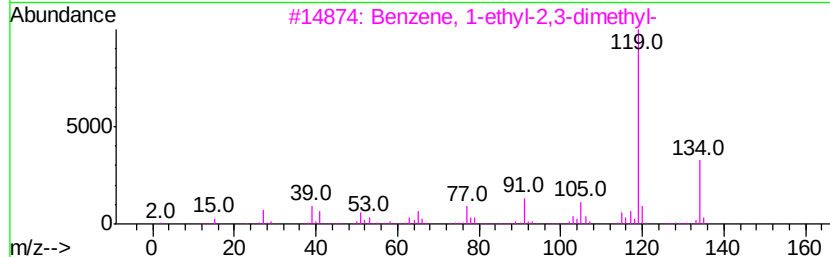
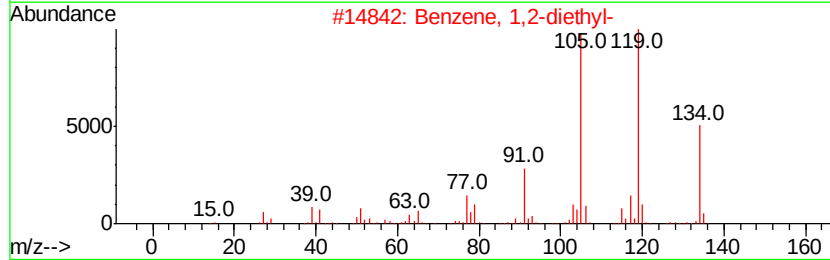
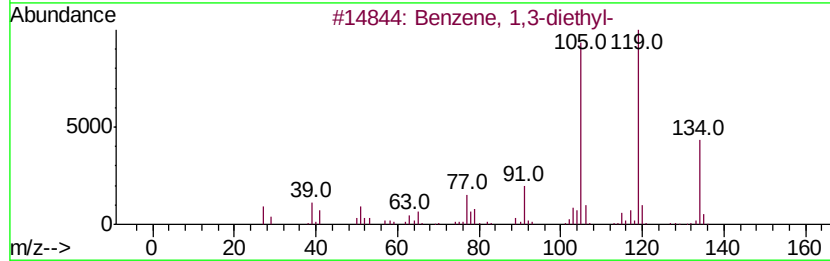
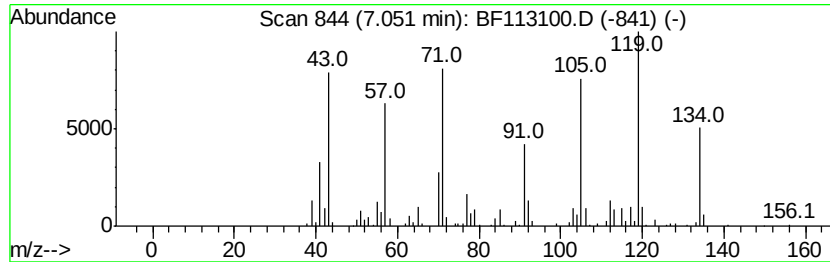
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	7.50 ng	367832	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	83
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
Acq On : 18 Mar 2019 19:44
Operator : JU/SJ
Sample : K1687-11 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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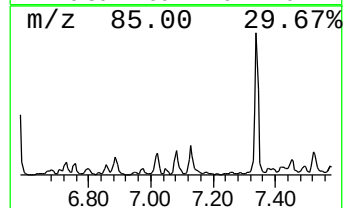
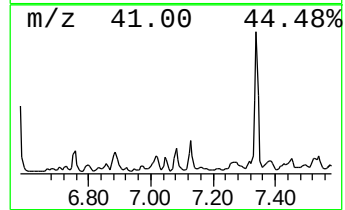
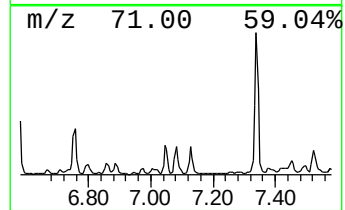
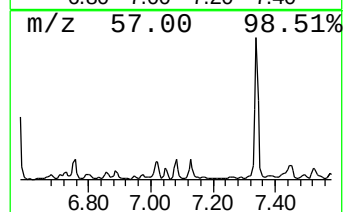
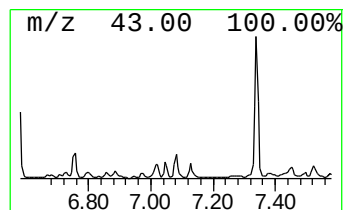
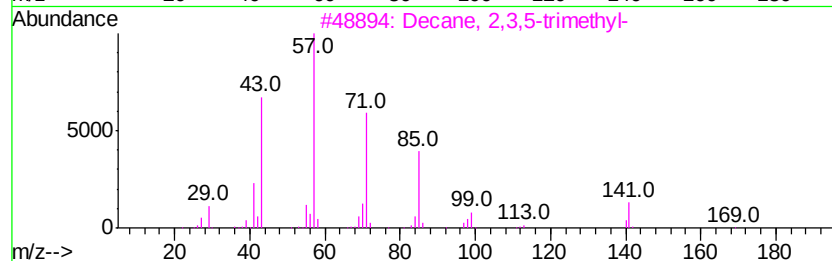
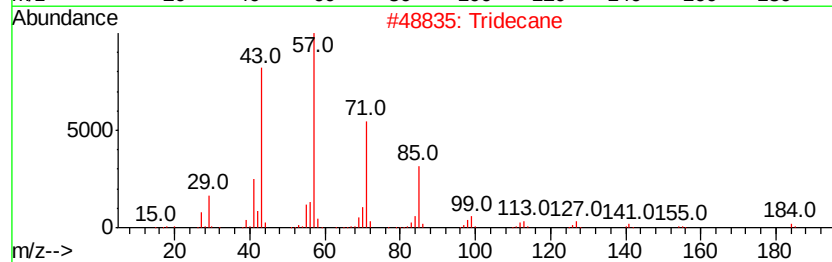
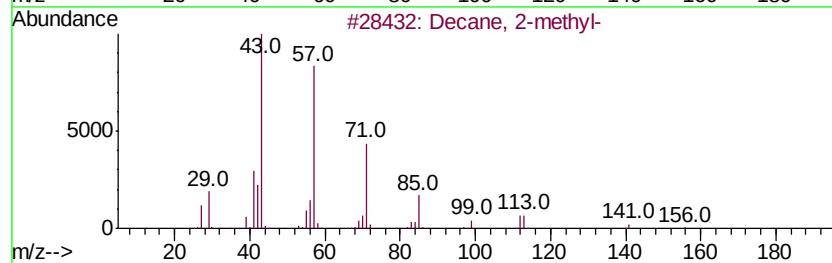
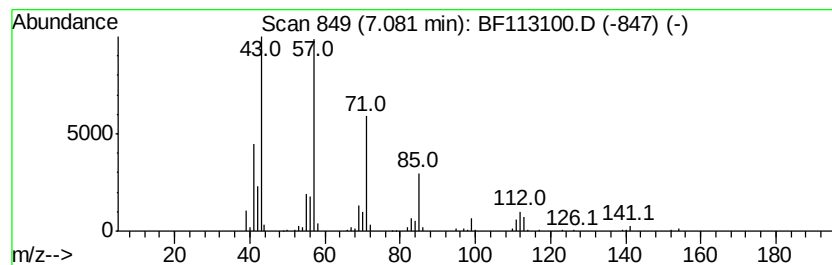
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	6.39 ng	313105	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	86
2			Tridecane	184	C13H28	000629-50-5	59
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
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Misc :
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Instrument :
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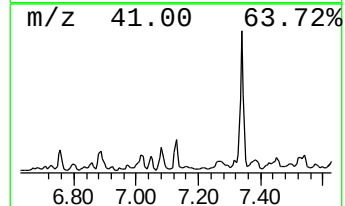
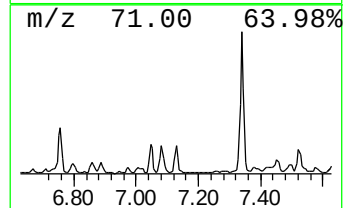
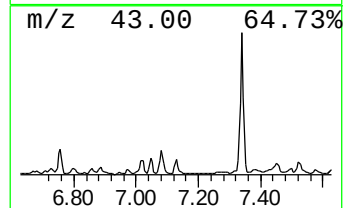
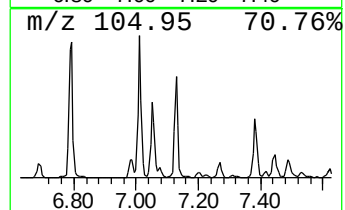
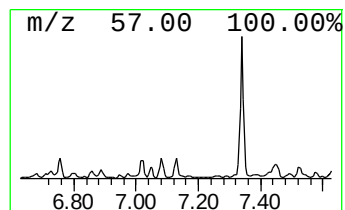
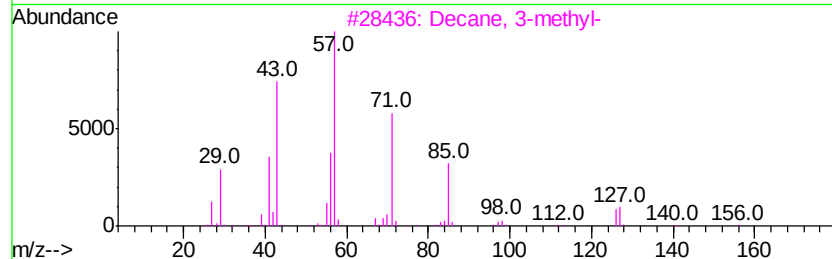
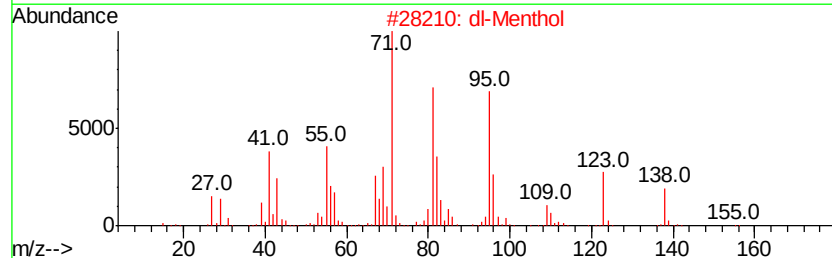
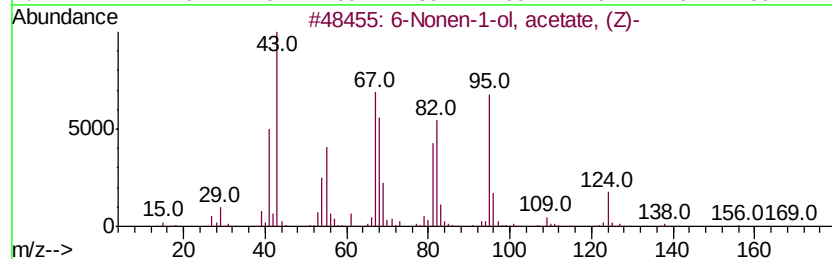
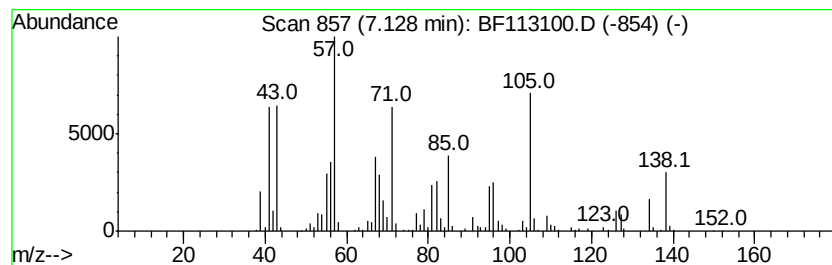
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.13 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	10.67 ng	523041	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	6	Nonen-1-ol, acetate, (Z)-	184	C11H20O2	076238-22-7	27
2	dl	Menthol	156	C10H20O	000089-78-1	27
3	Decane, 3-methyl-		156	C11H24	013151-34-3	25
4	Undecane, 4-methyl-		170	C12H26	002980-69-0	22
5	Decane, 2,2,9-trimethyl-		184	C13H28	062238-00-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
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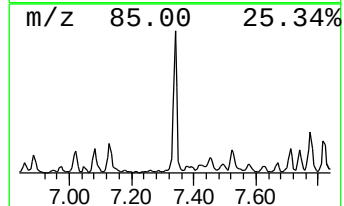
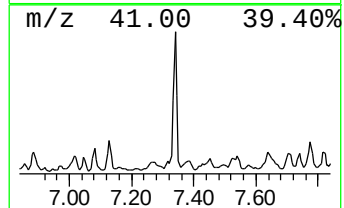
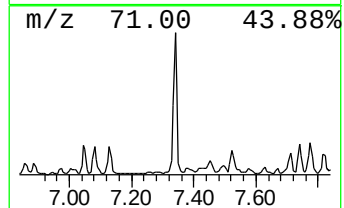
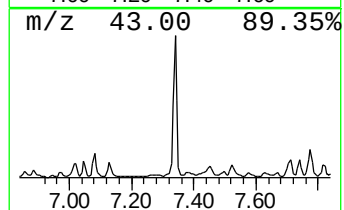
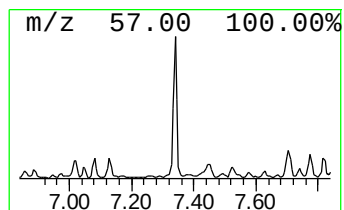
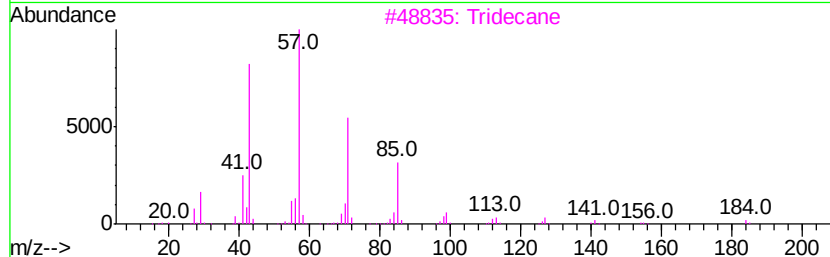
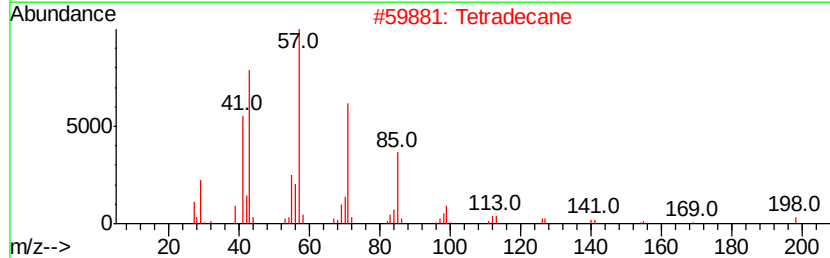
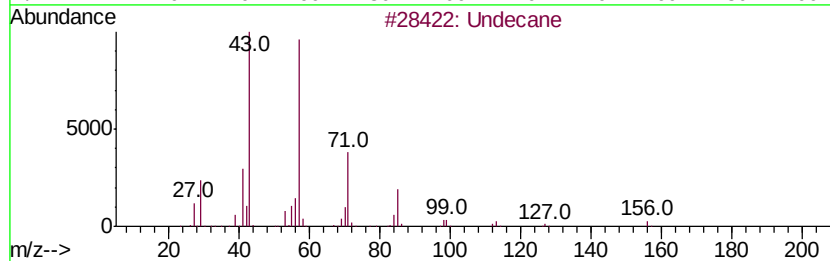
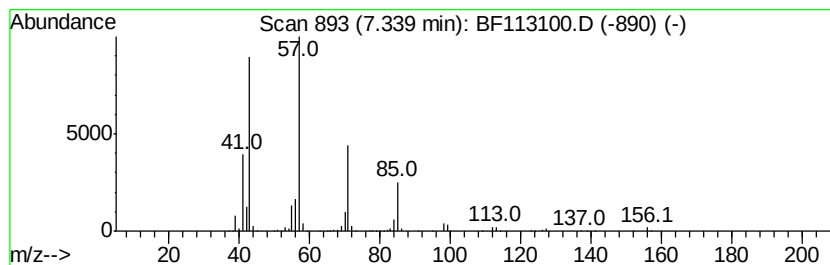
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	34.81 ng	1707170	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Hexadecane	226	C16H34	000544-76-3	83
5		Decane	142	C10H22	000124-18-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
Acq On : 18 Mar 2019 19:44
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Sample : K1687-11 5X
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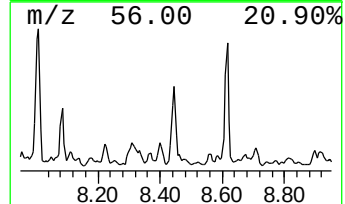
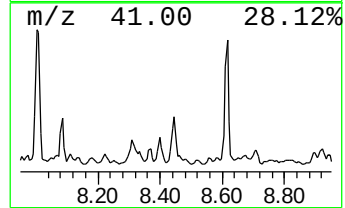
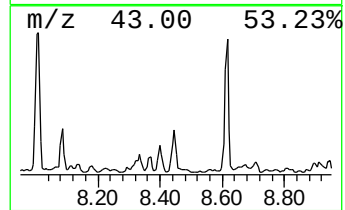
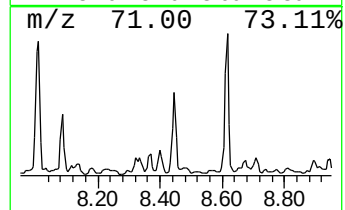
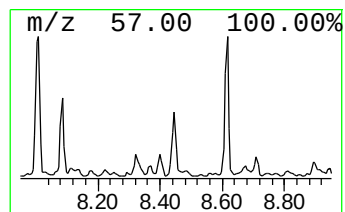
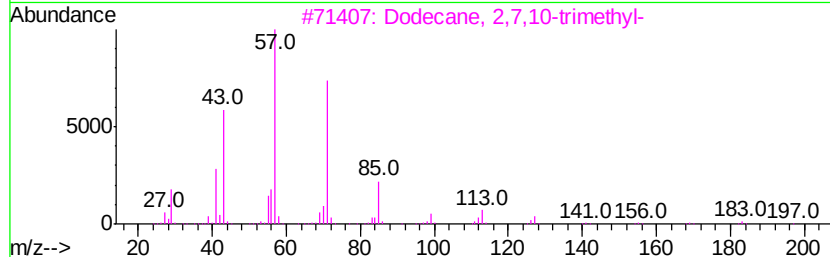
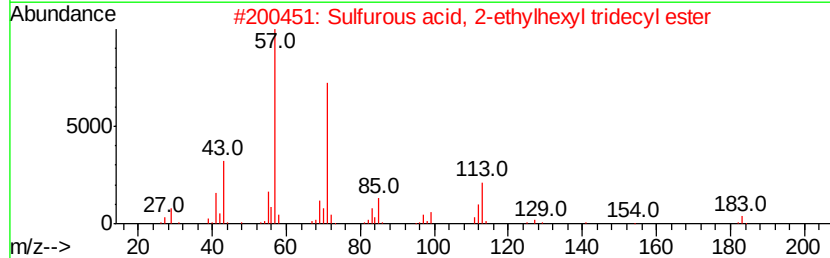
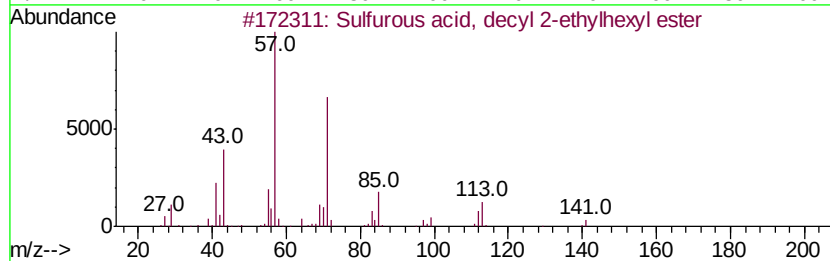
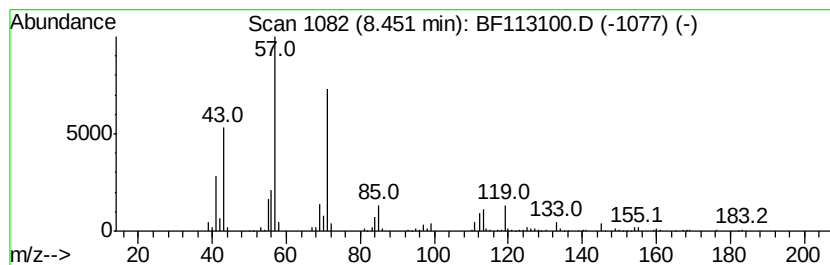
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Sulfurous acid, decyl 2-eth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	5.55 ng	809226	Napthalene-d8	8.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfurous acid, decyl 2-ethylhex...	334 C18H38O3S	1000309-19-3 80
2		Sulfurous acid, 2-ethylhexyl tri...	376 C21H44O3S	1000309-19-6 72
3		Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0 64
4		Sulfurous acid, butyl octyl ester	250 C12H26O3S	1000309-17-5 64
5		Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
Acq On : 18 Mar 2019 19:44
Operator : JU/SJ
Sample : K1687-11 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-031519-C

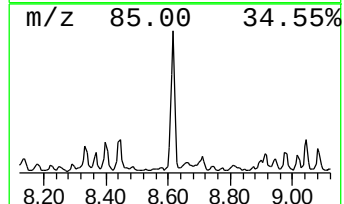
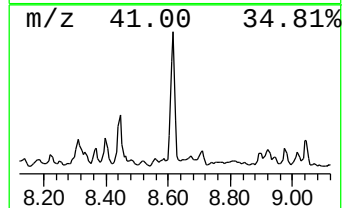
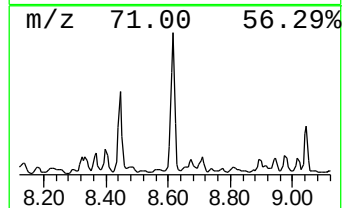
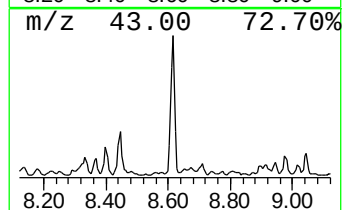
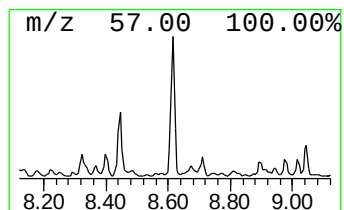
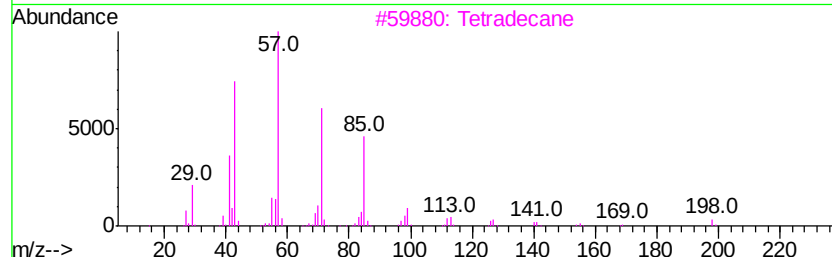
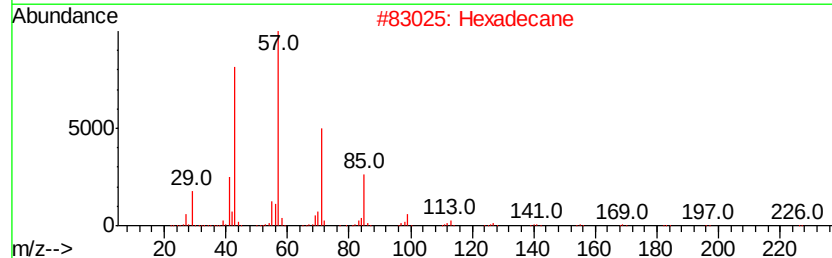
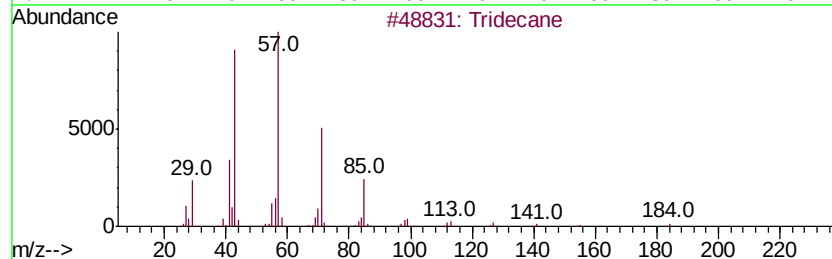
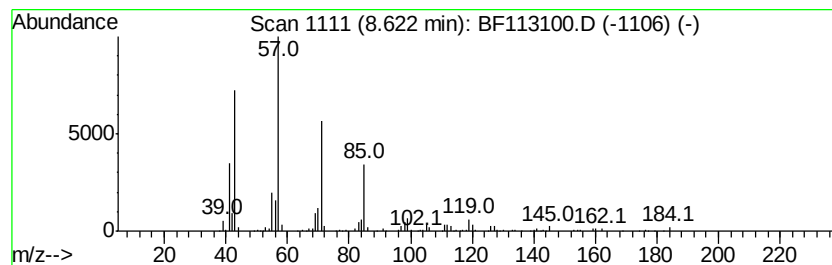
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	11.22 ng	1637470	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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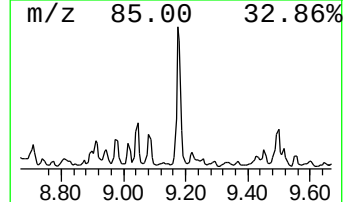
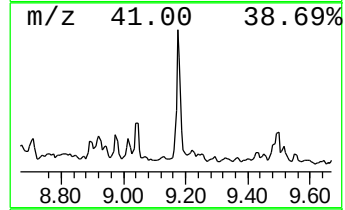
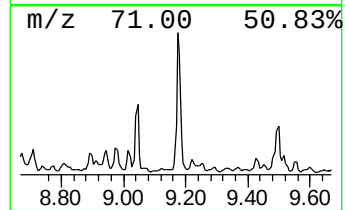
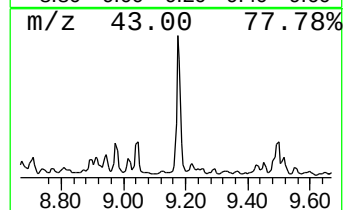
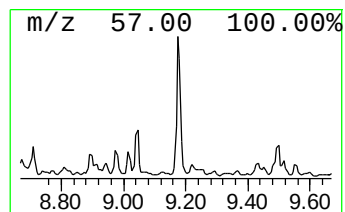
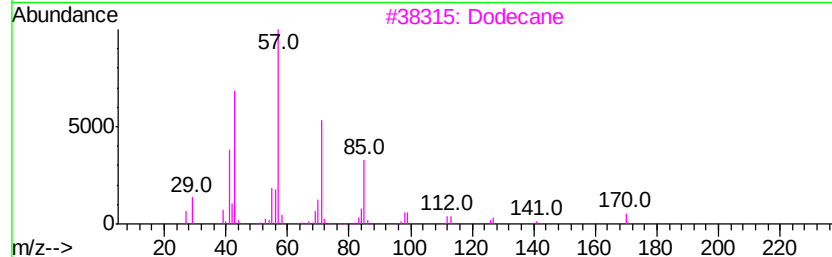
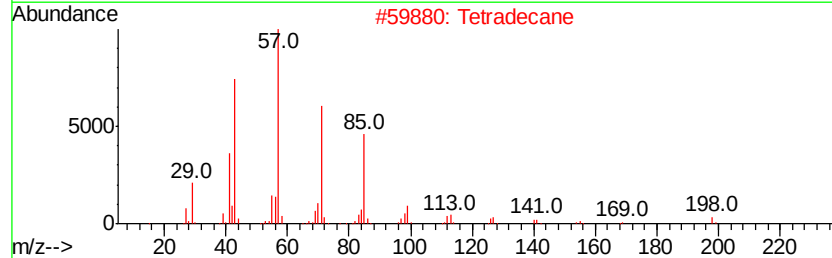
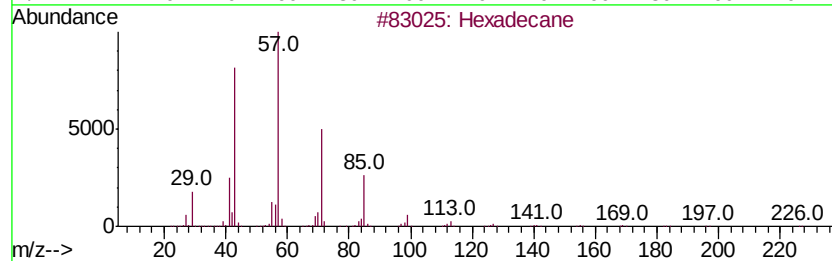
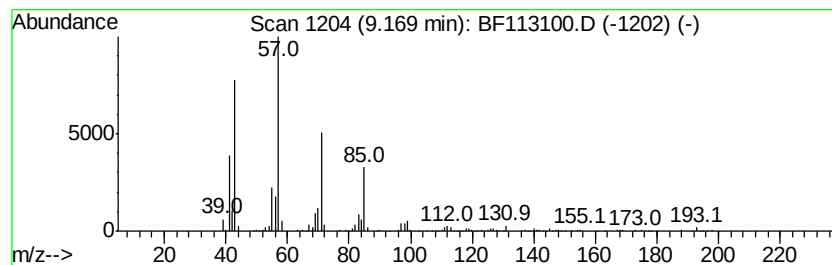
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	20.40 ng	1153950	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Dodecane	170	C12H26	000112-40-3	87
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
Acq On : 18 Mar 2019 19:44
Operator : JU/SJ
Sample : K1687-11 5X
Misc :
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Instrument :
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ClientSampleId :
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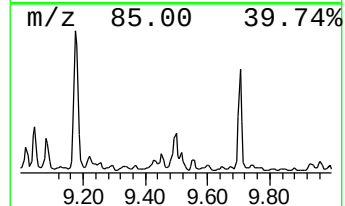
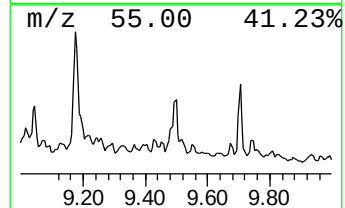
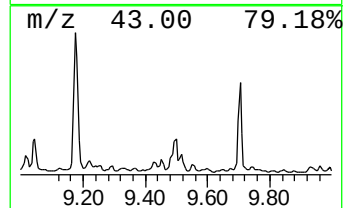
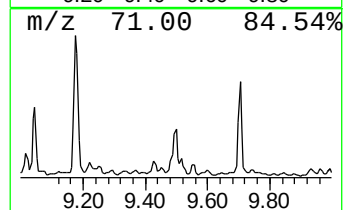
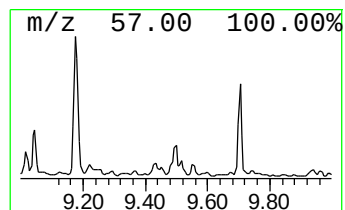
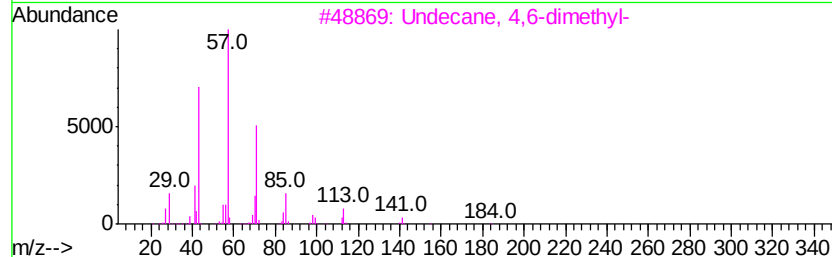
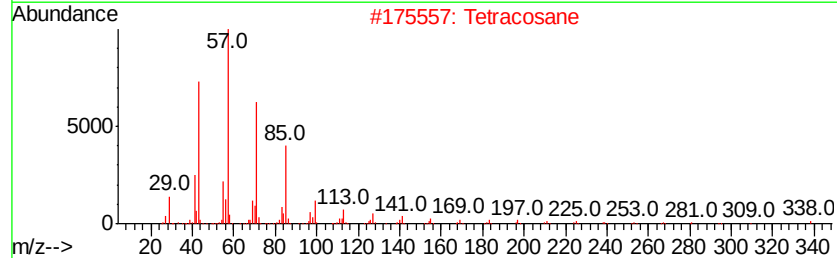
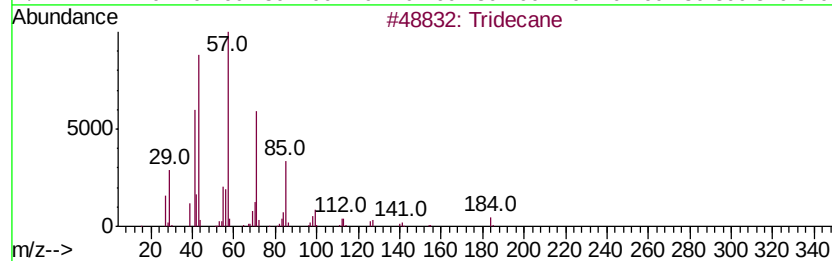
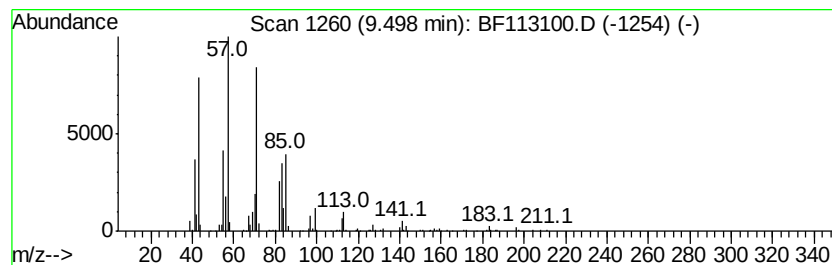
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	9.04 ng	511226	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	81
2		Tetracosane	338	C24H50	000646-31-1	64
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	60
4		Tetradecane	198	C14H30	000629-59-4	59
5		Pentadecane	212	C15H32	000629-62-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
Acq On : 18 Mar 2019 19:44
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Misc :
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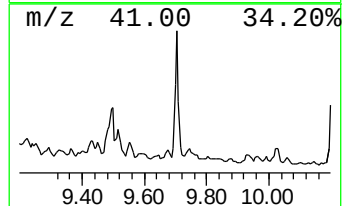
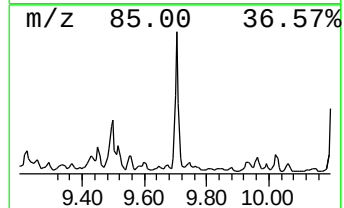
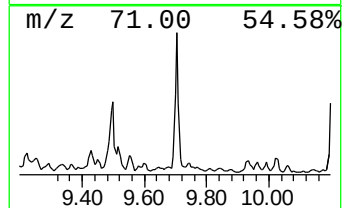
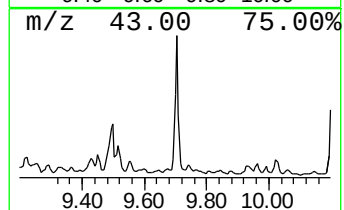
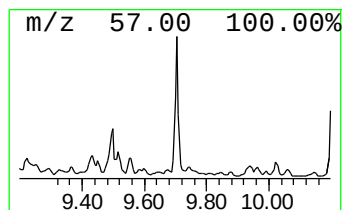
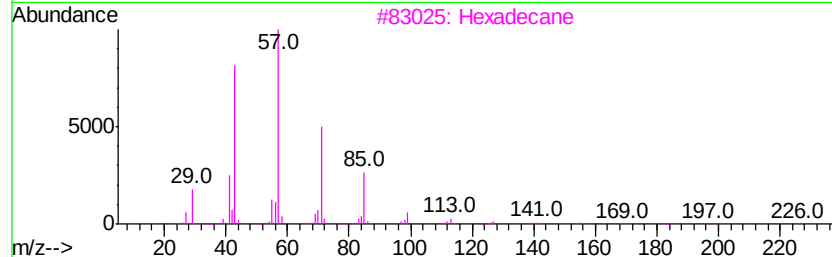
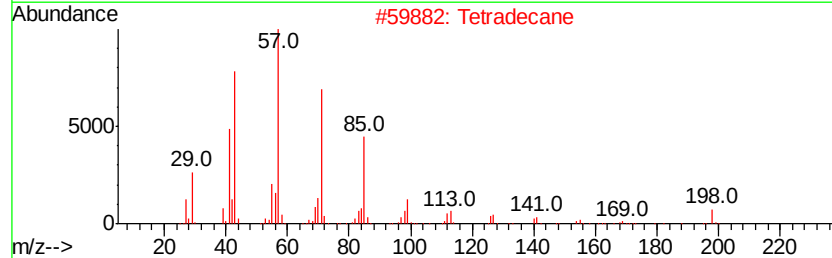
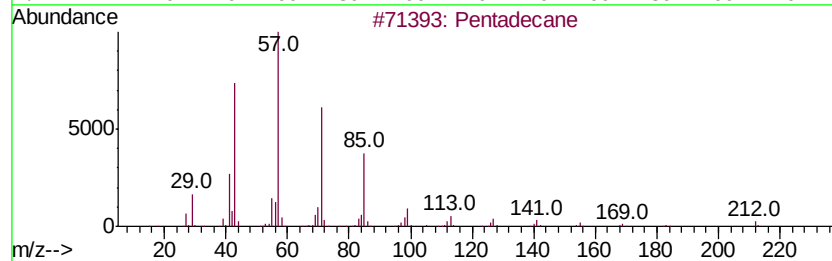
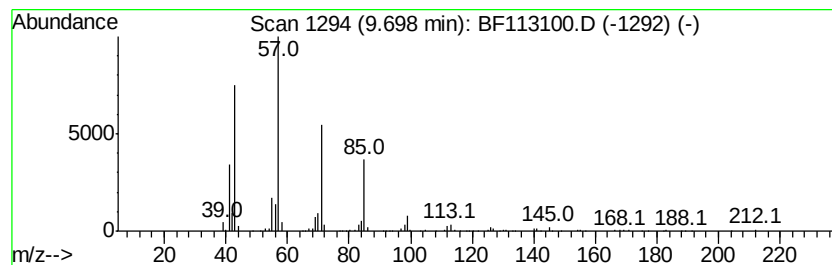
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	10.85 ng	613685	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	80
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
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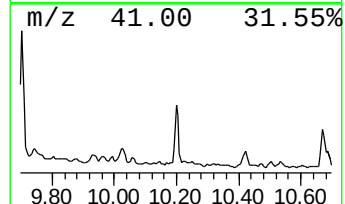
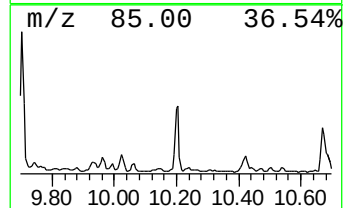
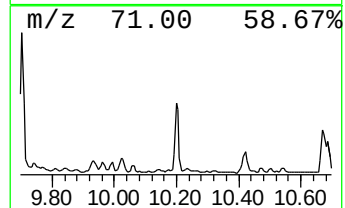
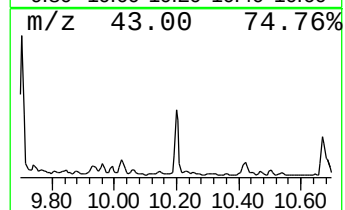
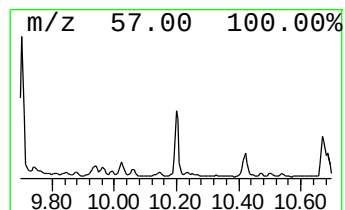
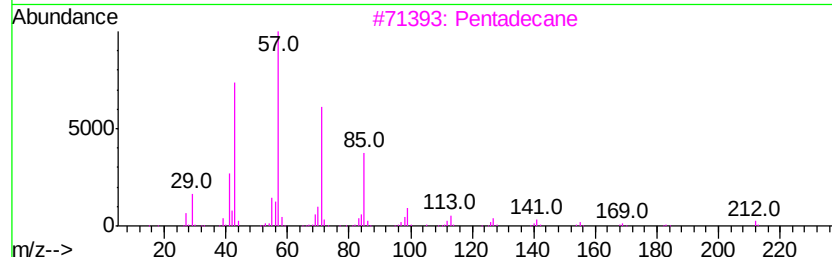
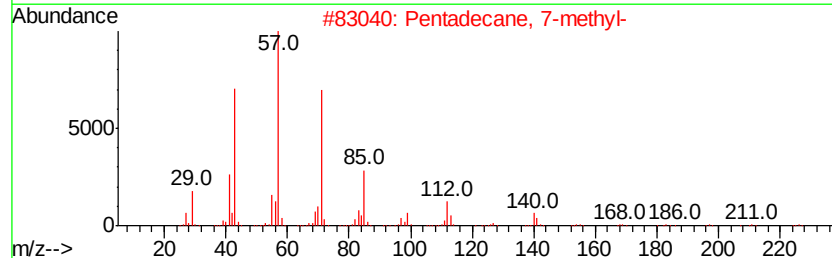
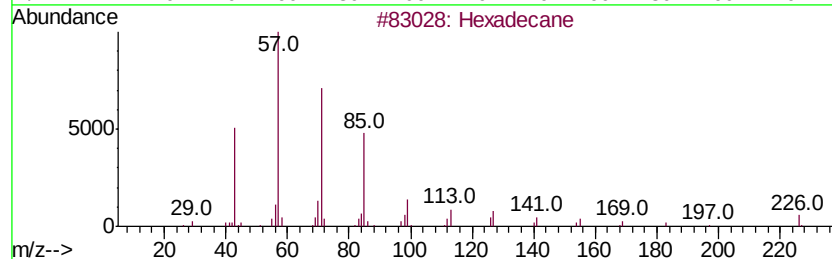
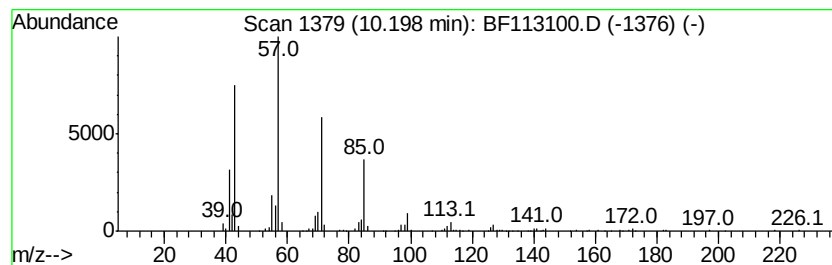
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.20	5.68 ng	321195	Acenaphthene-d10		9.76
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heneicosane	296	C21H44	000629-94-7	86
5	Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
Acq On : 18 Mar 2019 19:44
Operator : JU/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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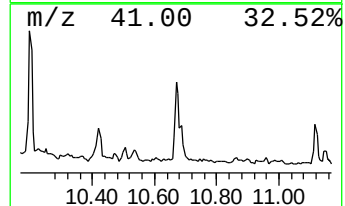
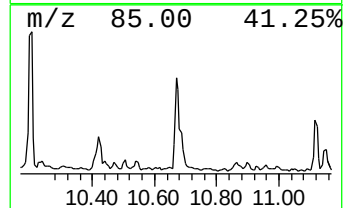
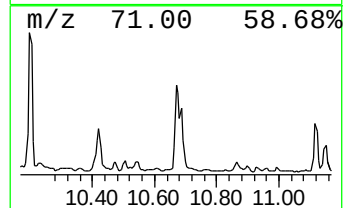
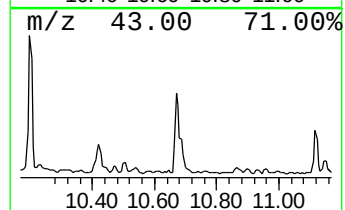
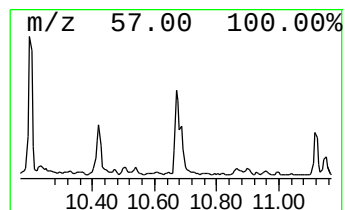
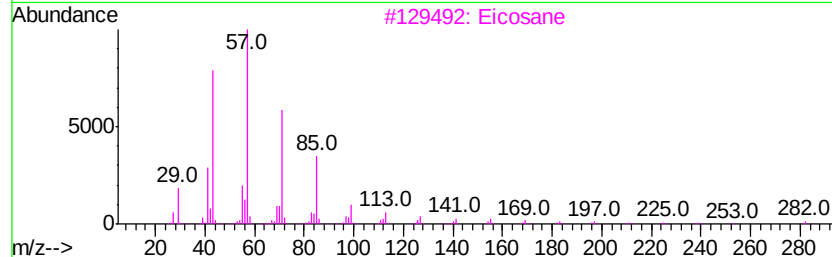
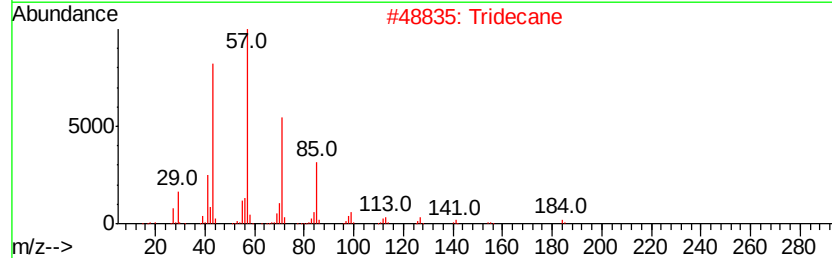
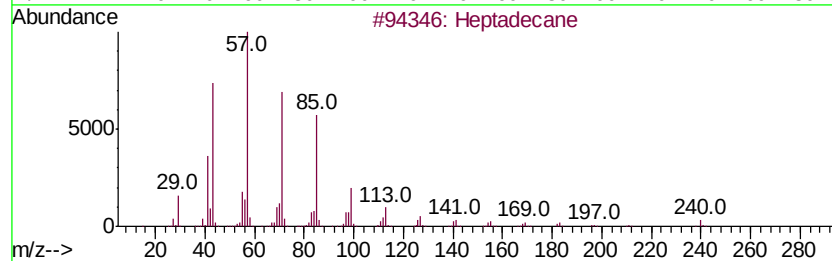
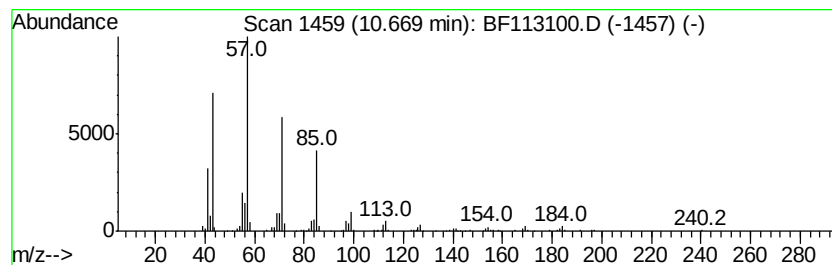
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	6.20 ng	332520	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Tridecane	184	C13H28	000629-50-5	94
3		Eicosane	282	C20H42	000112-95-8	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
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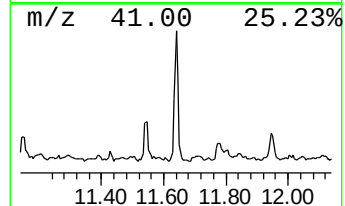
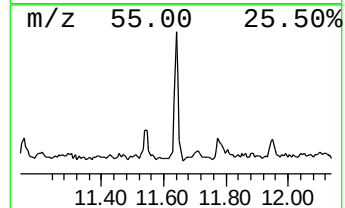
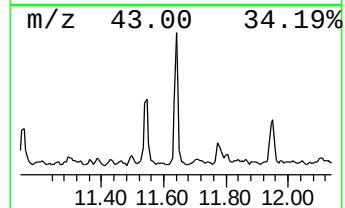
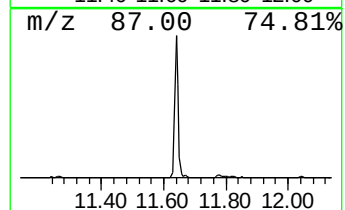
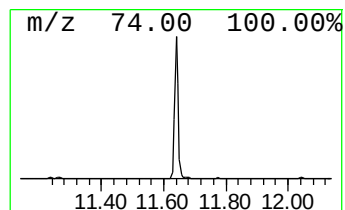
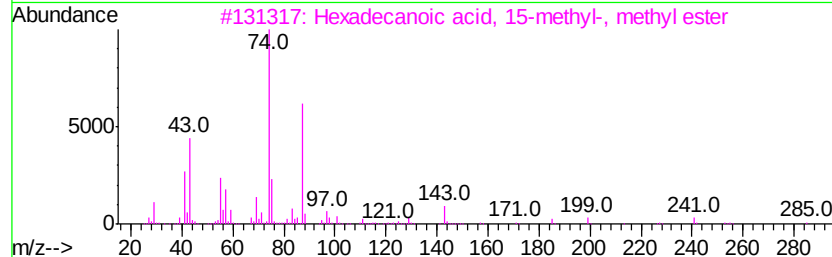
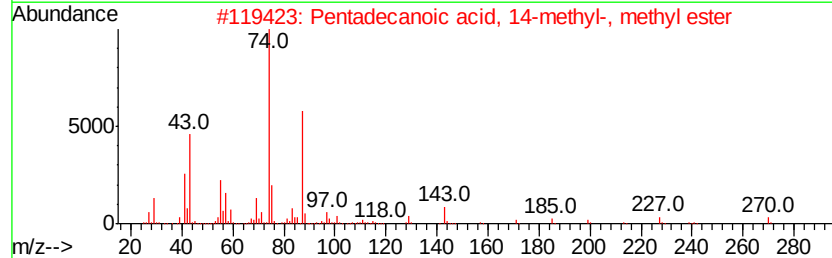
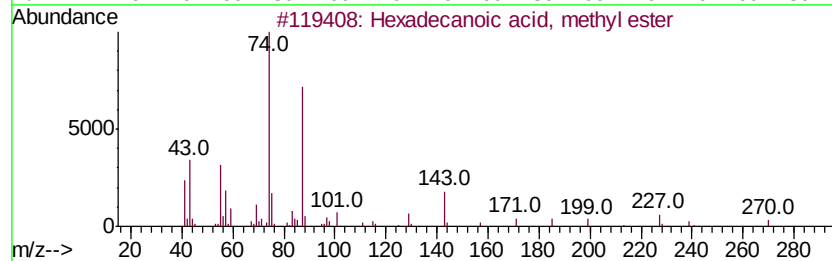
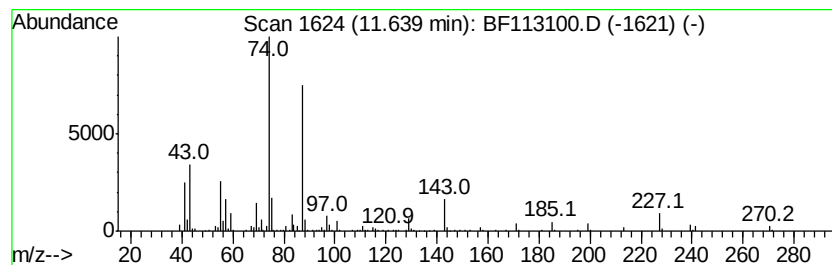
Instrument :
BNA_F
ClientSampleId :
HR-05-031519-C

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

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

Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.64	5.32 ng	285766	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
Acq On : 18 Mar 2019 19:44
Operator : JU/SJ
Sample : K1687-11 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-C

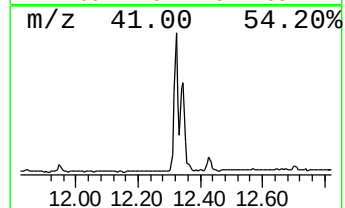
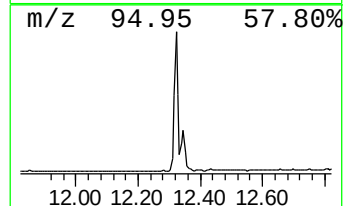
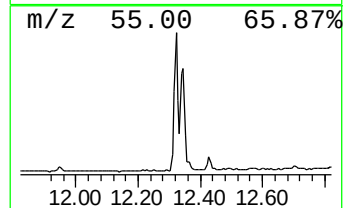
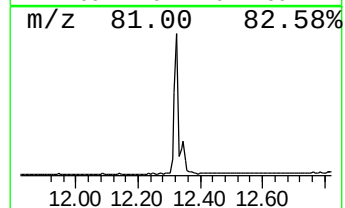
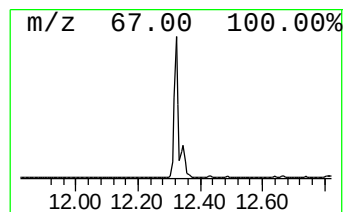
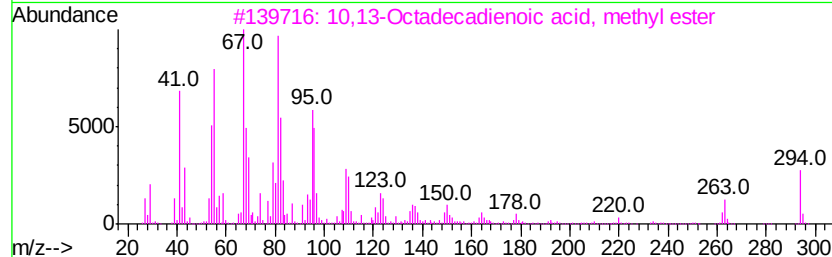
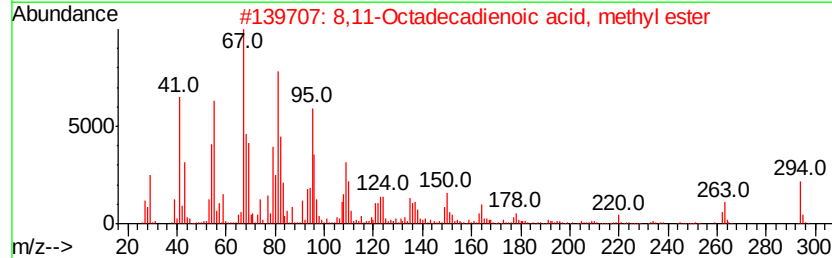
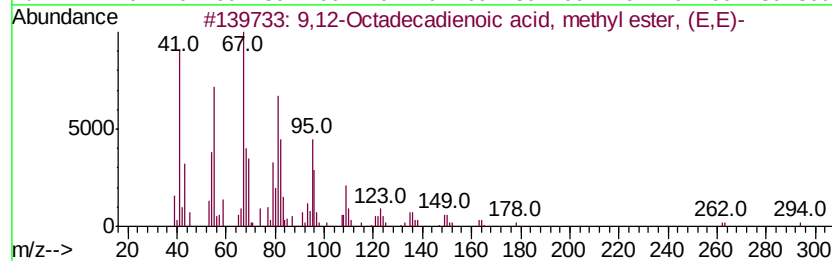
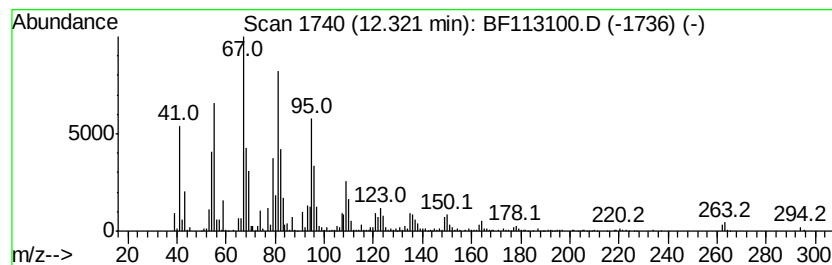
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	25.05 ng	1344220	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113100.D
Acq On : 18 Mar 2019 19:44
Operator : JU/SJ
Sample : K1687-11 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

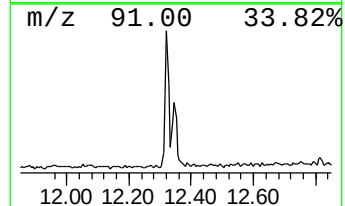
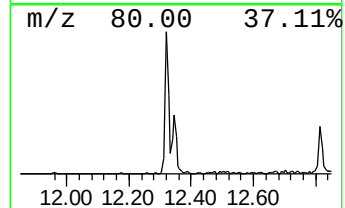
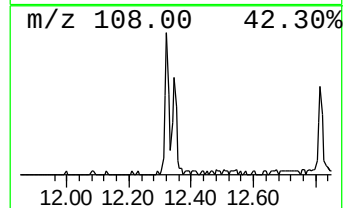
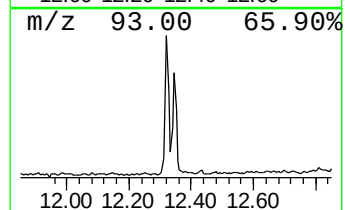
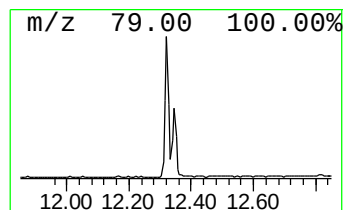
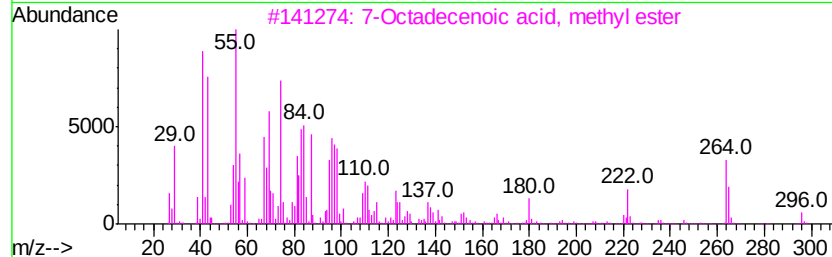
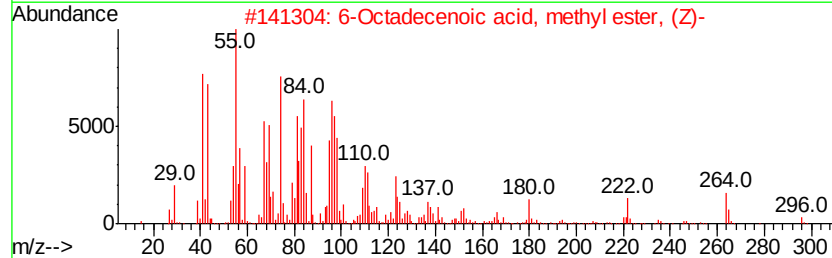
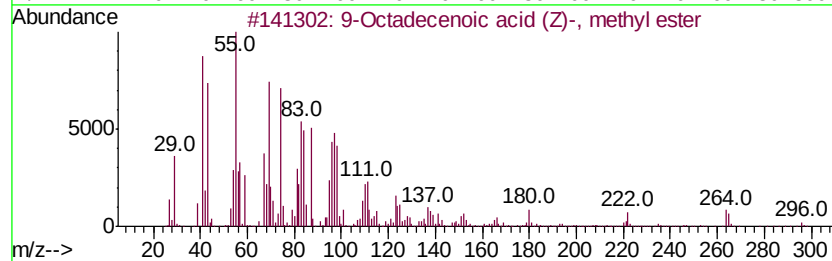
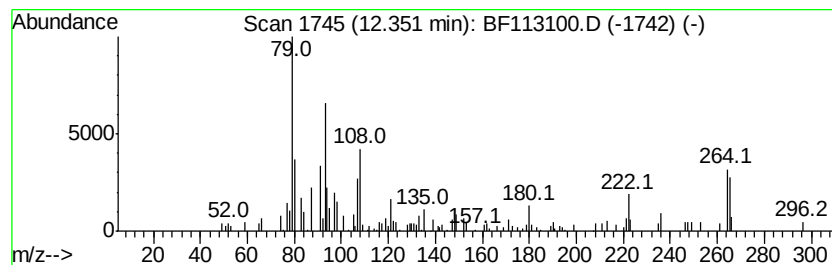
Instrument :
BNA_F
ClientSampleId :
HR-05-031519-C

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

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

Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.35	15.69 ng	842077	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3		7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
4		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113100.D
 Acq On : 18 Mar 2019 19:44
 Operator : JU/SJ
 Sample : K1687-11 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-C

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetracontane, 3,5...	6.27	5.8 ng		282296	1	6.73	980720	20.0
unknown6.50	6.50	21.1 ng		1034840	1	6.73	980720	20.0
Nonane	6.57	21.3 ng		1044780	1	6.73	980720	20.0
Benzene, 1,2,3-tr...	6.79	6.1 ng		298045	1	6.73	980720	20.0
Benzene, 1-methyl...	7.02	8.8 ng		434139	1	6.73	980720	20.0
Benzene, 1,3-diet...	7.05	7.5 ng		367832	1	6.73	980720	20.0
Decane, 2-methyl-	7.08	6.4 ng		313105	1	6.73	980720	20.0
unknown7.13	7.13	10.7 ng		523041	1	6.73	980720	20.0
Undecane	7.34	34.8 ng		1707170	1	6.73	980720	20.0
Sulfurous acid, d...	8.45	5.5 ng		809226	2	8.01	2918080	20.0
Tridecane	8.62	11.2 ng		1637470	2	8.01	2918080	20.0
Hexadecane	9.17	20.4 ng		1153950	3	9.76	1131220	20.0
Tetracosane	9.50	9.0 ng		511226	3	9.76	1131220	20.0
Pentadecane	9.70	10.9 ng		613685	3	9.76	1131220	20.0
Pentadecane, 7-me...	10.20	5.7 ng		321195	3	9.76	1131220	20.0
Heptadecane	10.67	6.2 ng		332520	4	11.24	1073390	20.0
Hexadecanoic acid...	11.64	5.3 ng		285766	4	11.24	1073390	20.0
9,12-Octadecadien...	12.32	25.1 ng		1344220	4	11.24	1073390	20.0
9-Octadecenoic ac...	12.35	15.7 ng		842077	4	11.24	1073390	20.0