

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113604.D
 Acq On : 5 Apr 2019 1:23
 Operator : JU/SJ
 Sample : K2193-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040319-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-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	552	rBV	287755	347194	7.70%	0.494%
2	5.587	591	595	601	rBV	348095	356282	7.90%	0.507%
3	5.692	604	613	617	rBV2	120514	156398	3.47%	0.223%
4	5.828	631	636	642	rVB	197641	229681	5.09%	0.327%
5	5.887	642	646	650	rBV2	89269	158659	3.52%	0.226%
6	5.928	650	653	660	rVB2	483057	574842	12.74%	0.818%
7	5.987	660	663	666	rBV2	151153	162990	3.61%	0.232%
8	6.122	680	686	689	rBV3	278300	377330	8.36%	0.537%
9	6.187	695	697	699	rBV	347243	267866	5.94%	0.381%
10	6.222	699	703	705	rBV2	456522	506270	11.22%	0.721%
11	6.281	710	713	718	rBV2	717453	734661	16.28%	1.046%
12	6.334	719	722	724	rBV	503902	441941	9.80%	0.629%
13	6.428	734	738	740	rBV	381115	496882	11.01%	0.707%
14	6.457	740	743	746	rVV3	641635	742373	16.45%	1.057%
15	6.534	750	756	760	rVB	2810131	2675218	59.29%	3.809%
16	6.634	768	773	775	rVV4	179592	317465	7.04%	0.452%
17	6.657	775	777	779	rVV3	174526	195135	4.32%	0.278%
18	6.681	779	781	784	rVV2	901716	970021	21.50%	1.381%
19	6.710	784	786	789	rVB2	990528	812667	18.01%	1.157%
20	6.745	789	792	797	rBV3	728143	793314	17.58%	1.130%
21	6.787	797	799	801	rVV2	153680	163172	3.62%	0.232%
22	6.810	801	803	805	rVV	317794	271656	6.02%	0.387%
23	6.839	805	808	811	rVV2	1160005	1258439	27.89%	1.792%
24	6.869	811	813	816	rVB2	295546	332624	7.37%	0.474%
25	6.939	820	825	826	rVV3	260034	383190	8.49%	0.546%
26	6.969	826	830	833	rVV2	941794	1214978	26.93%	1.730%
27	7.004	833	836	839	rVV2	1029620	1049671	23.26%	1.495%
28	7.034	839	841	846	rVB	932229	870175	19.29%	1.239%
29	7.081	846	849	853	rBV	1531128	1404184	31.12%	1.999%
30	7.157	860	862	864	rBV2	195226	190947	4.23%	0.272%
31	7.228	869	874	876	rVV3	747927	1073948	23.80%	1.529%
32	7.251	876	878	880	rVV2	475151	514273	11.40%	0.732%
33	7.269	880	881	883	rVV	428990	357143	7.92%	0.509%
34	7.298	883	886	888	rVV	3997921	3508406	77.76%	4.995%

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35	7.339	888	893	896	rVB3	629217	939324	20.82%	1.337%
36	7.375	896	899	902	rBV4	330162	465699	10.32%	0.663%
37	7.410	902	905	908	rVV3	601489	632038	14.01%	0.900%
38	7.445	908	911	912	rVV2	247303	253484	5.62%	0.361%
39	7.492	915	919	923	rVB3	1006500	1378808	30.56%	1.963%
40	7.592	931	936	940	rBV4	714101	1453570	32.22%	2.070%
41	7.663	944	948	951	rVV3	733924	1004579	22.27%	1.430%
42	7.698	951	954	955	rVV	973720	977162	21.66%	1.391%
43	7.734	958	960	963	rVV2	1154509	1193666	26.46%	1.700%
44	7.775	964	967	969	rVV2	788672	718582	15.93%	1.023%
45	7.810	969	973	975	rVB3	778220	945908	20.96%	1.347%
46	7.845	975	979	980	rBV2	288410	282576	6.26%	0.402%
47	7.881	983	985	987	rVB2	227513	169454	3.76%	0.241%
48	7.910	988	990	991	rBV	223008	171191	3.79%	0.244%
49	7.928	991	993	995	rVV3	493022	498143	11.04%	0.709%
50	7.969	995	1000	1002	rVV	4345006	4511904	100.00%	6.424%
51	7.992	1002	1004	1007	rVV2	358384	544225	12.06%	0.775%
52	8.022	1007	1009	1010	rVV2	612245	520631	11.54%	0.741%
53	8.039	1010	1012	1015	rVV	1292879	1197942	26.55%	1.706%
54	8.069	1015	1017	1020	rVV2	444577	440880	9.77%	0.628%
55	8.092	1020	1021	1024	rVB2	309711	226457	5.02%	0.322%
56	8.139	1025	1029	1032	rBV4	296479	461831	10.24%	0.658%
57	8.169	1032	1034	1038	rVV2	416532	563892	12.50%	0.803%
58	8.216	1039	1042	1043	rVV2	222595	211202	4.68%	0.301%
59	8.263	1046	1050	1054	rVV5	818420	1391443	30.84%	1.981%
60	8.322	1058	1060	1063	rVV3	836295	696481	15.44%	0.992%
61	8.357	1063	1066	1069	rVV2	1080129	934975	20.72%	1.331%
62	8.404	1070	1074	1078	rVV2	1306748	1612340	35.74%	2.296%
63	8.439	1078	1080	1082	rVB	414609	307136	6.81%	0.437%
64	8.475	1082	1086	1089	rBV2	946579	862664	19.12%	1.228%
65	8.516	1089	1093	1095	rBV3	260835	311432	6.90%	0.443%
66	8.575	1098	1103	1106	rBV	3268771	3063502	67.90%	4.362%
67	8.628	1110	1112	1115	rVV2	590134	590687	13.09%	0.841%
68	8.663	1115	1118	1121	rVB2	520265	548567	12.16%	0.781%
69	8.792	1136	1140	1145	rVB4	469577	593258	13.15%	0.845%
70	8.851	1147	1150	1152	rBV2	494030	460103	10.20%	0.655%
71	8.875	1152	1154	1157	rVV3	360472	481040	10.66%	0.685%

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72	8.898	1157	1158	1160	rVV2	265891	183032	4.06%	0.261%
73	8.933	1162	1164	1167	rVB	616976	454842	10.08%	0.648%
74	8.975	1168	1171	1172	rBV	367457	347030	7.69%	0.494%
75	8.998	1172	1175	1179	rVB2	908994	816704	18.10%	1.163%
76	9.039	1179	1182	1187	rVB2	596991	493623	10.94%	0.703%
77	9.133	1194	1198	1202	rBV	2543737	2236868	49.58%	3.185%
78	9.192	1206	1208	1210	rVB	230066	166526	3.69%	0.237%
79	9.357	1233	1236	1238	rBV4	134403	182816	4.05%	0.260%
80	9.380	1238	1240	1242	rVV3	410726	436538	9.68%	0.622%
81	9.404	1242	1244	1246	rVV2	394789	342903	7.60%	0.488%
82	9.451	1246	1252	1254	rVV2	768522	1084445	24.04%	1.544%
83	9.469	1254	1255	1259	rVV	466684	415460	9.21%	0.592%
84	9.504	1259	1261	1264	rVV3	320140	300481	6.66%	0.428%
85	9.539	1264	1267	1272	rVB6	128944	188343	4.17%	0.268%
86	9.657	1284	1287	1290	rVB	1407213	1102573	24.44%	1.570%
87	9.698	1291	1294	1295	rBV2	229223	209420	4.64%	0.298%
88	9.716	1295	1297	1300	rVB2	1022713	823731	18.26%	1.173%
89	9.886	1323	1326	1329	rBV3	134580	202329	4.48%	0.288%
90	9.916	1329	1331	1334	rVV3	145553	168979	3.75%	0.241%
91	9.980	1337	1342	1345	rVV5	219019	279415	6.19%	0.398%
92	10.151	1368	1371	1374	rVB	689520	563708	12.49%	0.803%
93	10.374	1405	1409	1412	rVB	179486	176762	3.92%	0.252%
94	10.504	1426	1431	1434	rBV3	234547	269401	5.97%	0.384%
95	10.622	1448	1451	1459	rVB	427862	518415	11.49%	0.738%
96	11.069	1524	1527	1530	rBV	222166	177266	3.93%	0.252%
97	11.192	1545	1548	1555	rBV	872977	862598	19.12%	1.228%
98	12.768	1813	1816	1820	rBV	487567	456600	10.12%	0.650%
99	13.827	1992	1996	2001	rBV	690744	662519	14.68%	0.943%
100	15.233	2231	2235	2242	rBV	415067	581869	12.90%	0.828%

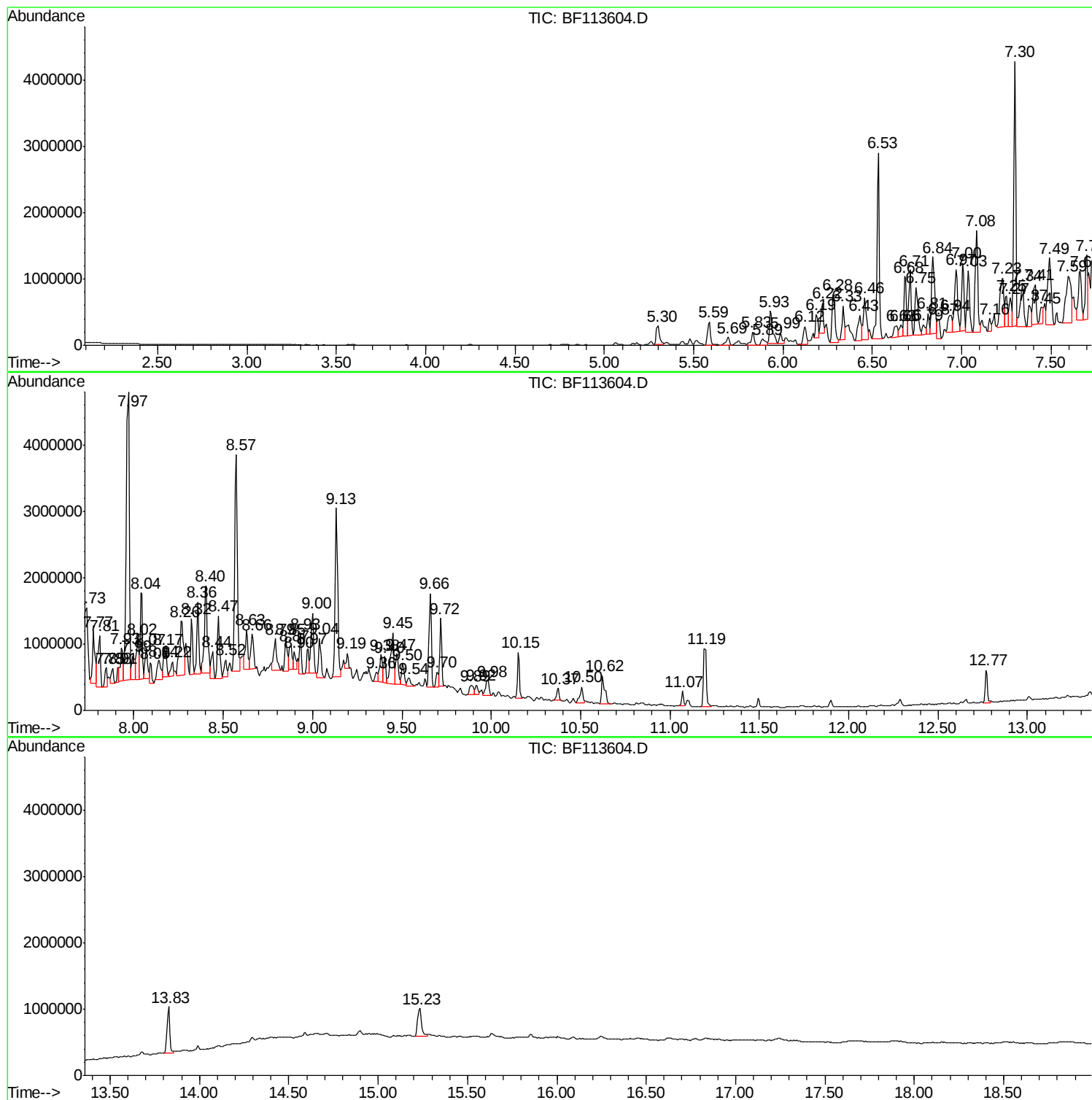
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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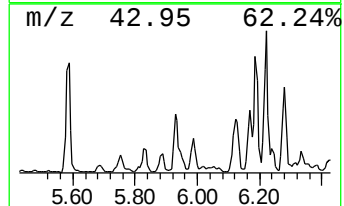
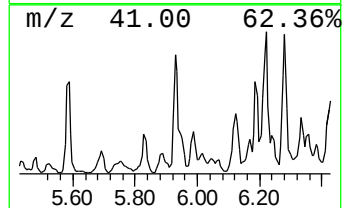
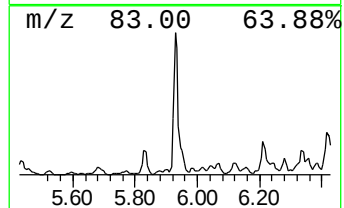
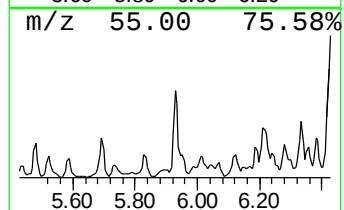
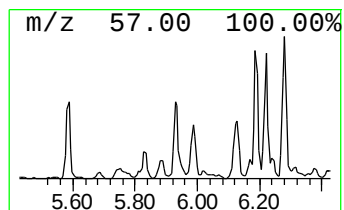
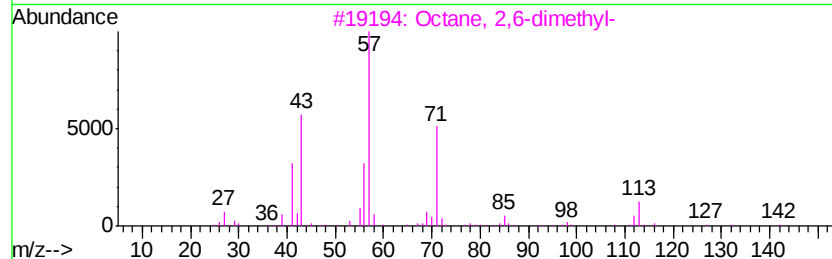
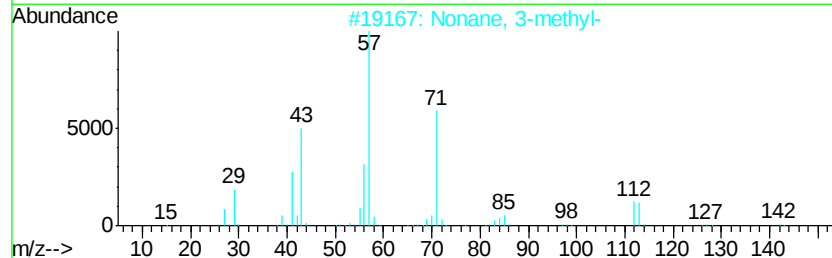
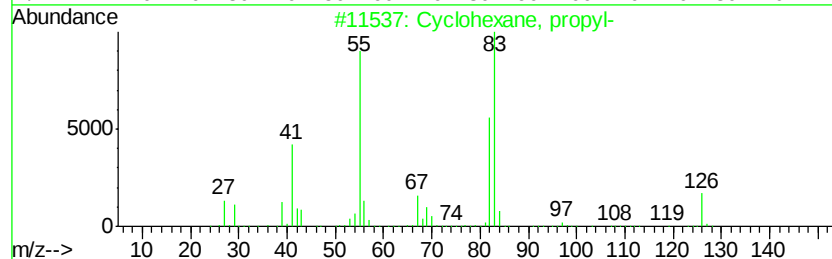
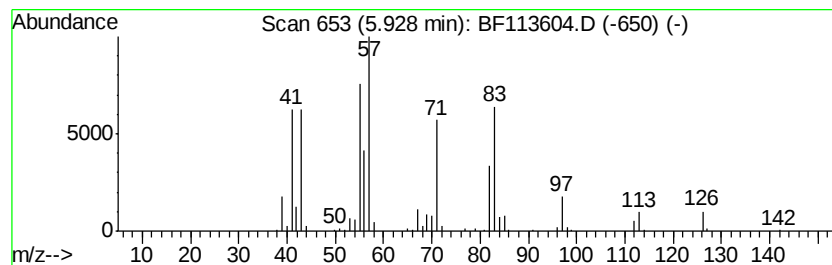
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.93 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	11.85 ng	574842	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, propyl-	126	C9H18	001678-92-8	46
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	45
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	35
5		1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	30



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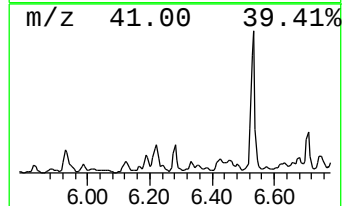
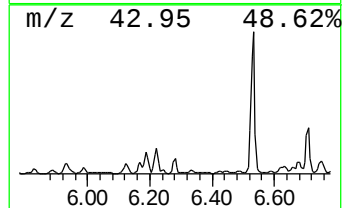
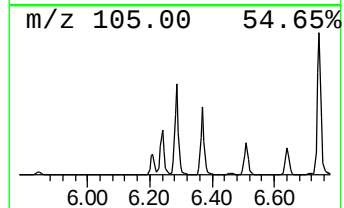
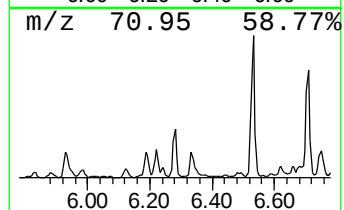
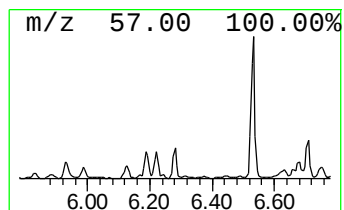
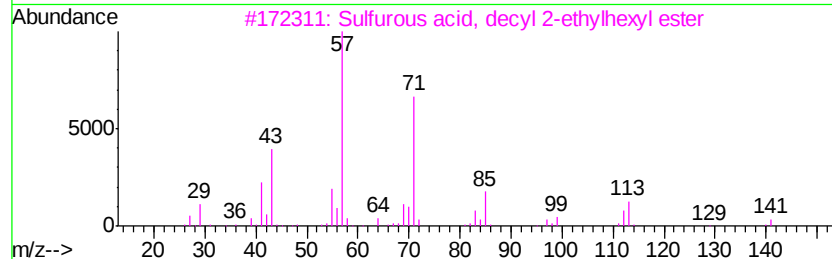
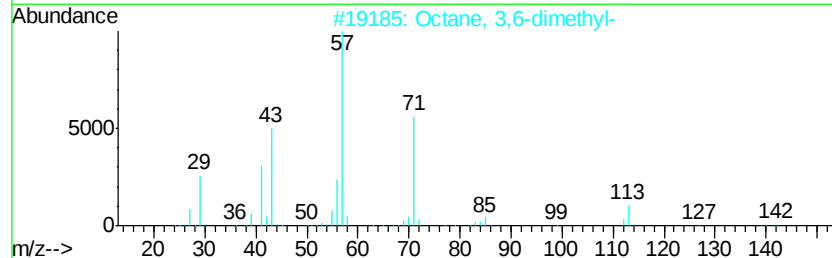
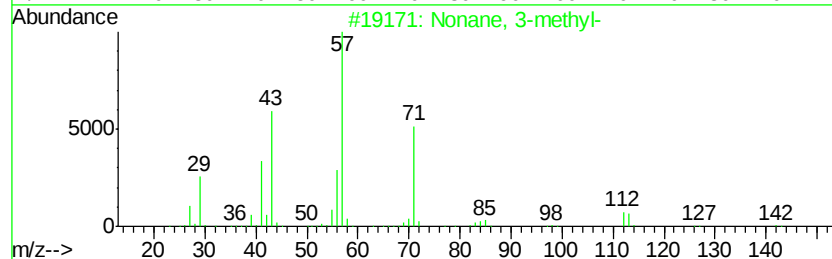
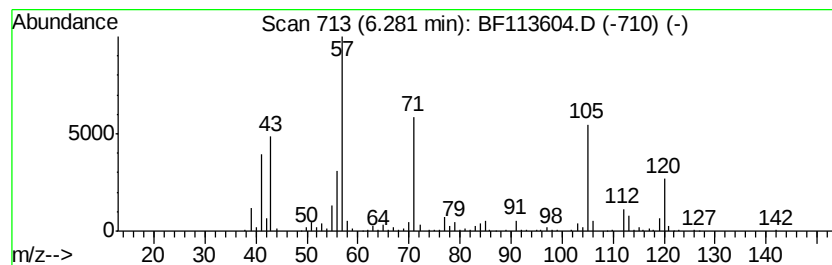
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Nonane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	15.15 ng	734661	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	60
3		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	38
4		Mesitylene	120	C9H12	000108-67-8	35
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	35



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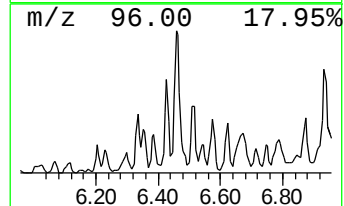
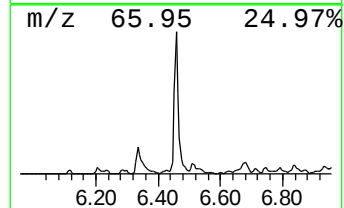
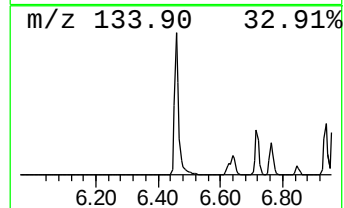
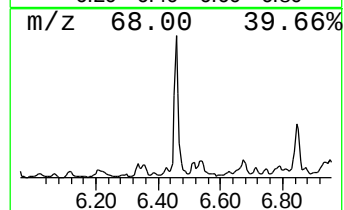
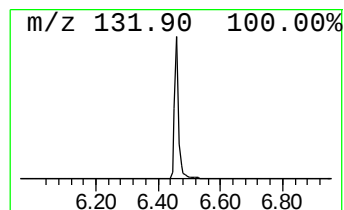
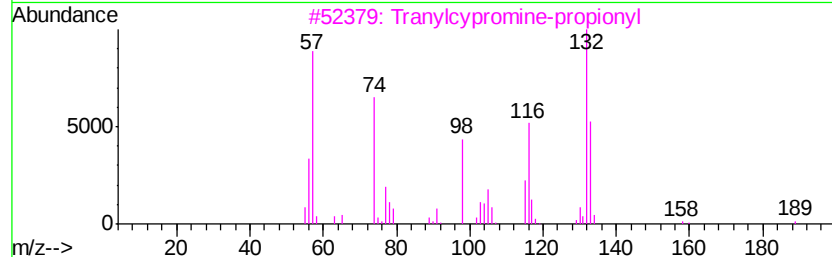
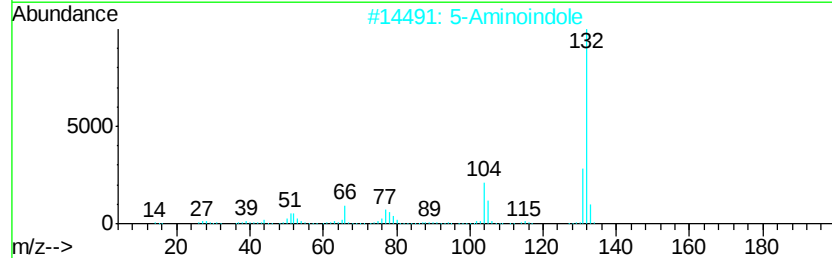
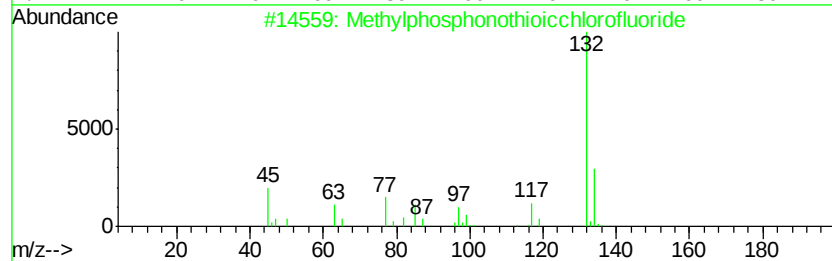
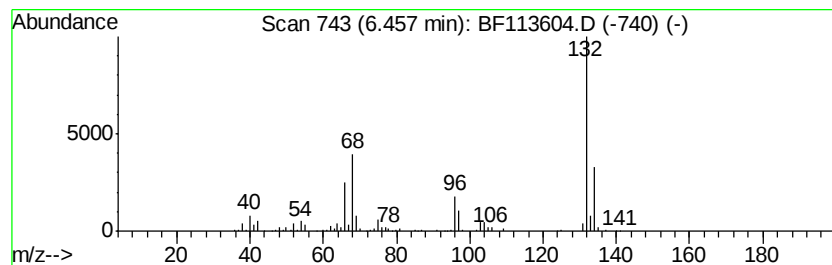
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Peak Number 3 unknown6.46 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	15.31 ng	742373	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113604.D
Acq On : 5 Apr 2019 1:23
Operator : JU/SJ
Sample : K2193-05 5X
Misc :
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Instrument :
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ClientSampleId :
HR-06-040319-C

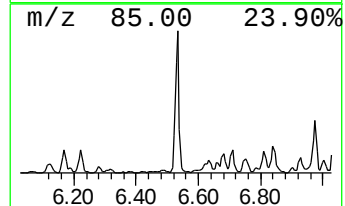
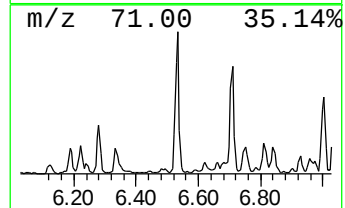
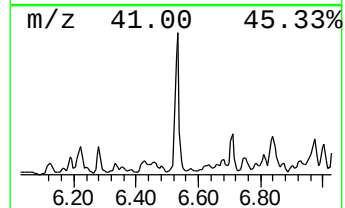
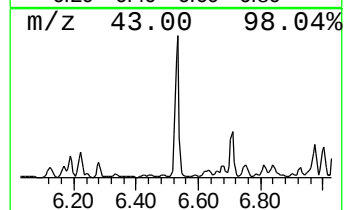
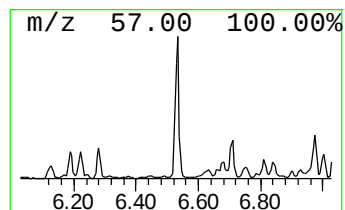
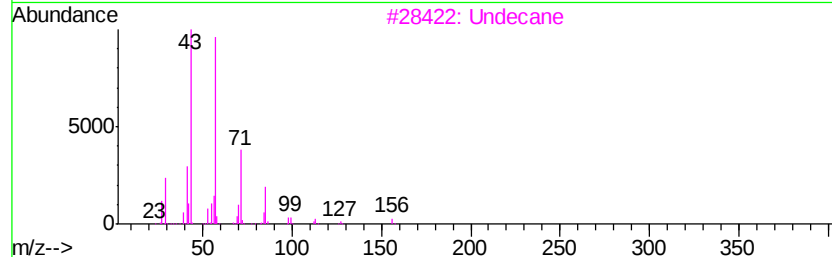
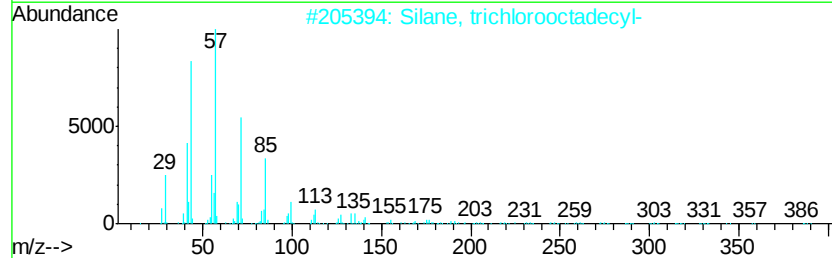
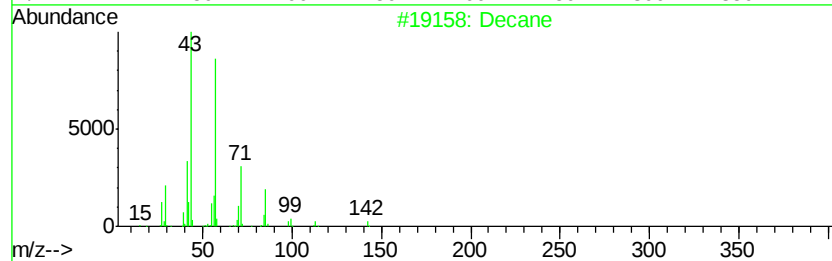
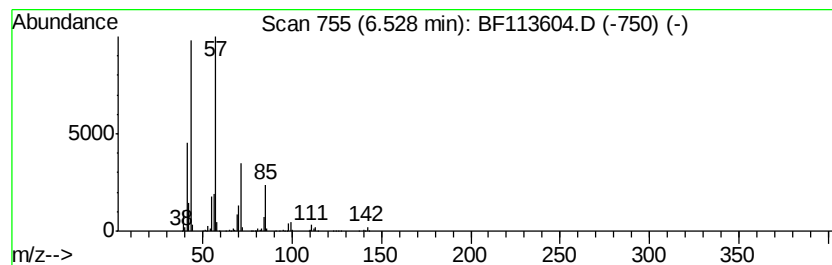
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	55.16 ng	2675220	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3		Undecane	156	C11H24	001120-21-4	78
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113604.D
Acq On : 5 Apr 2019 1:23
Operator : JU/SJ
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ClientSampleId :
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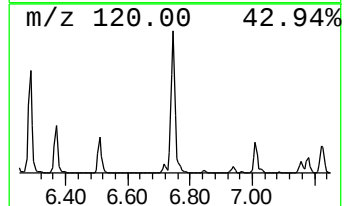
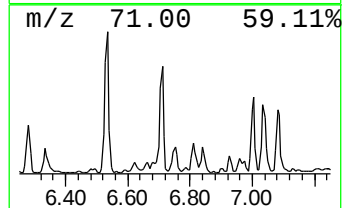
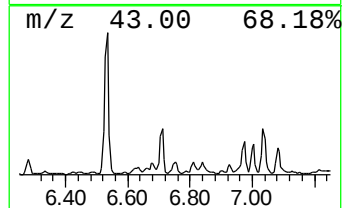
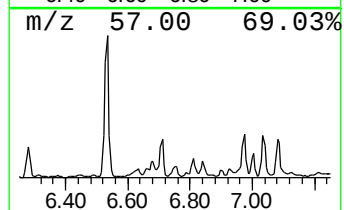
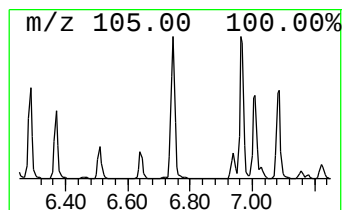
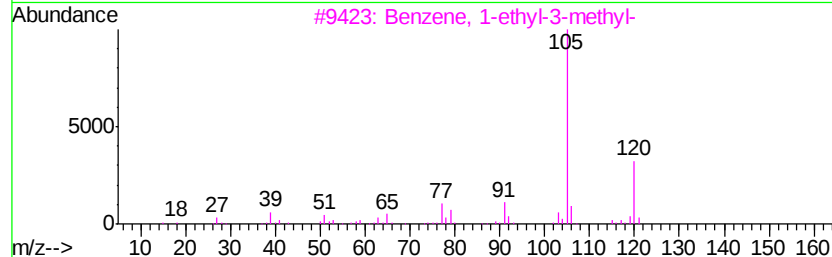
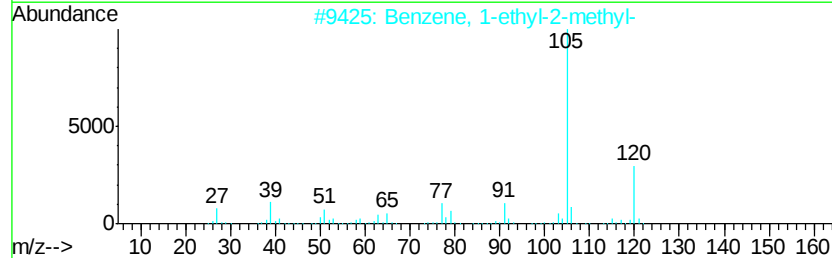
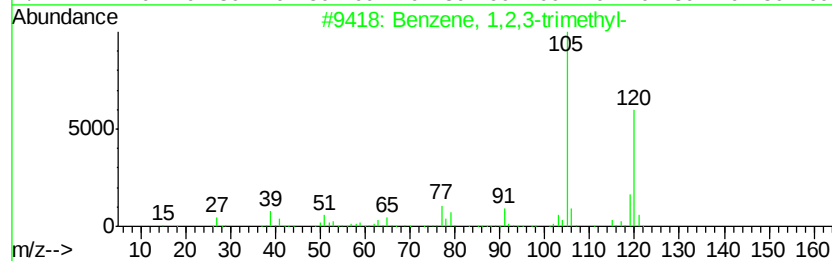
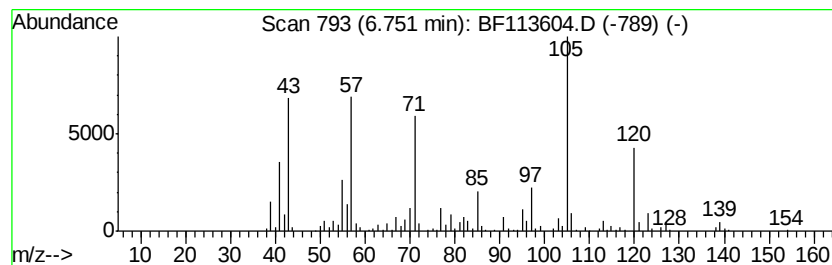
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	16.36 ng	793314	1,4-Dichlorobenzene-d4	6.69

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113604.D
Acq On : 5 Apr 2019 1:23
Operator : JU/SJ
Sample : K2193-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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HR-06-040319-C

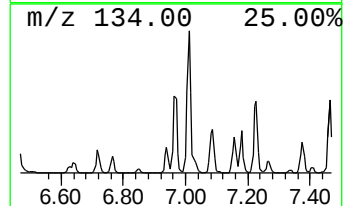
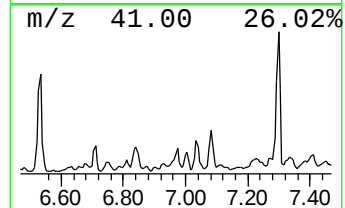
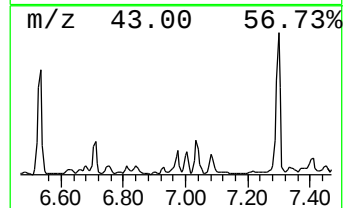
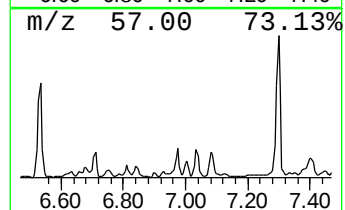
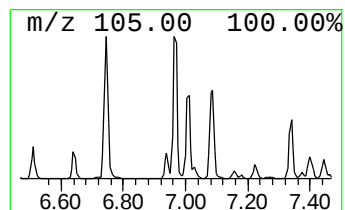
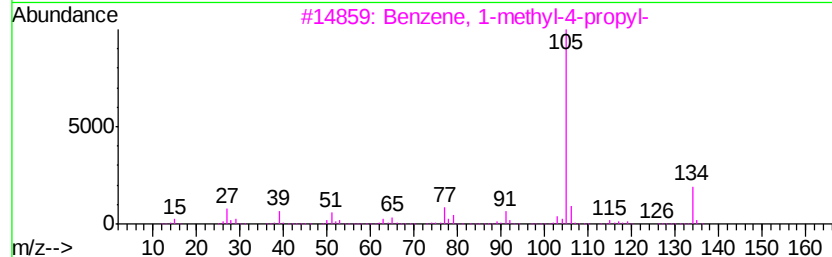
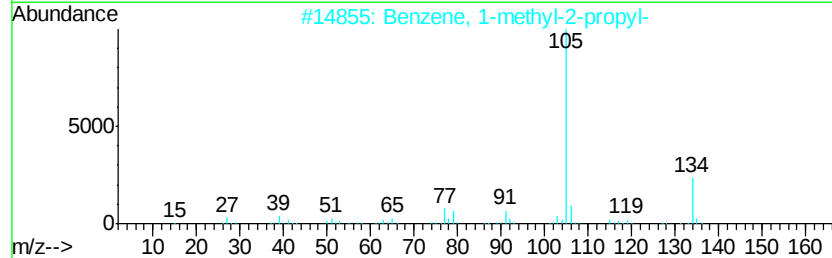
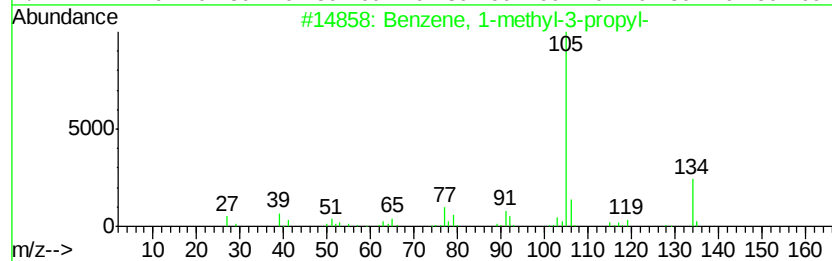
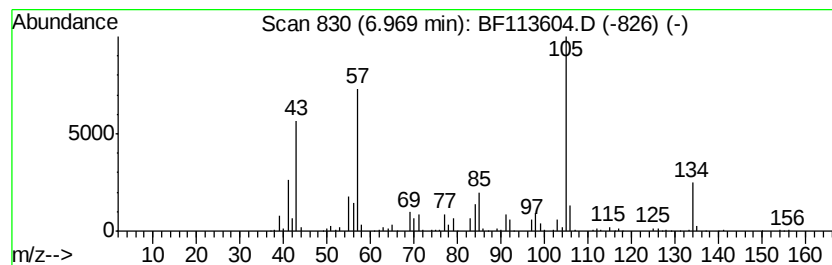
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	25.05 ng	1214980	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113604.D
Acq On : 5 Apr 2019 1:23
Operator : JU/SJ
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Misc :
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Instrument :
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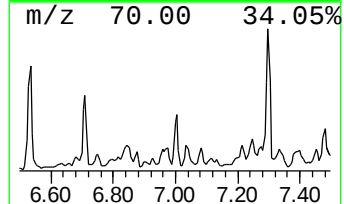
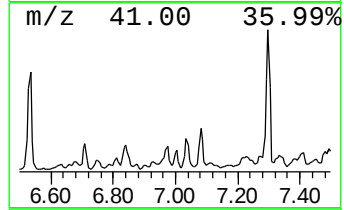
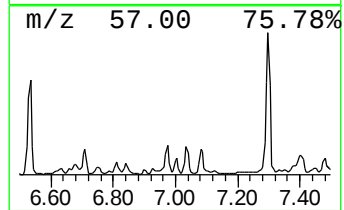
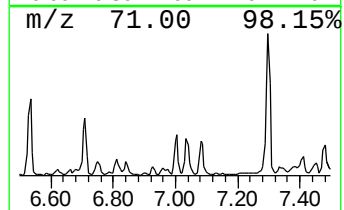
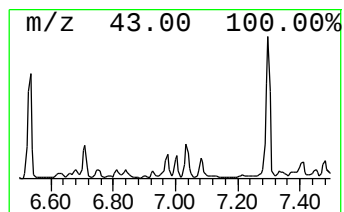
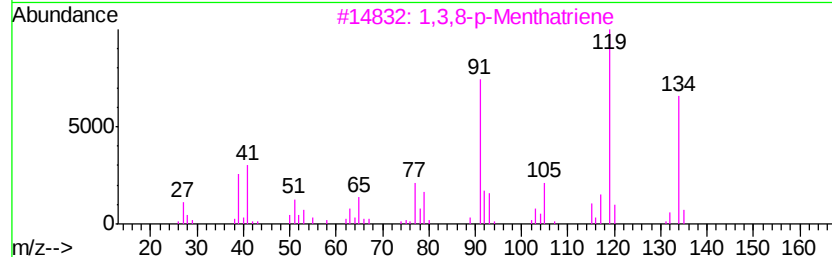
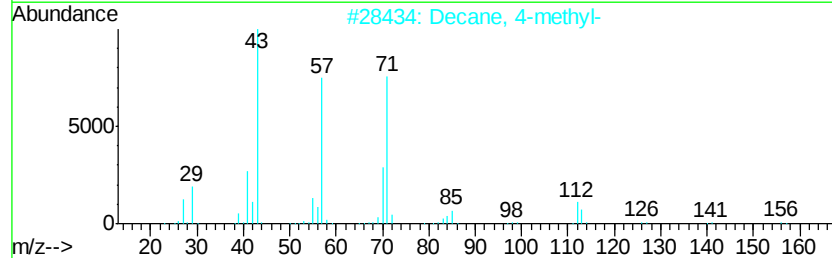
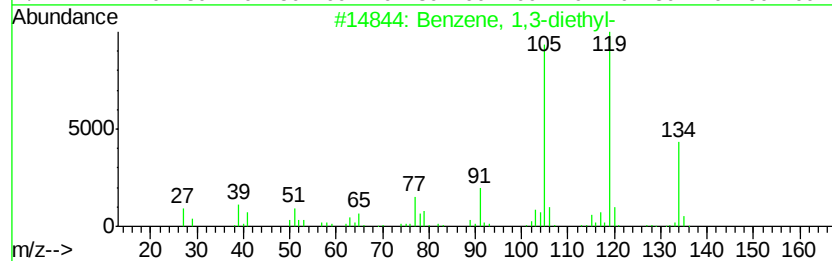
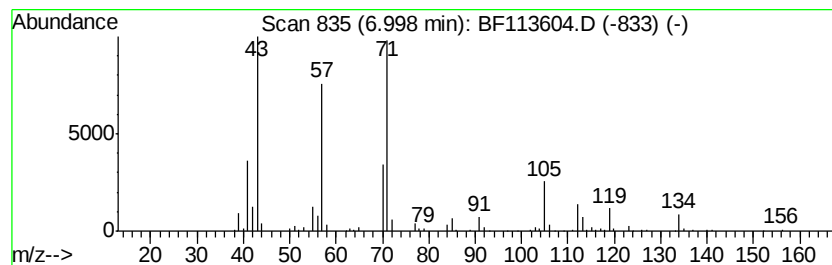
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	21.64 ng	1049670	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2		Decane, 4-methyl-	156	C11H24	002847-72-5	50
3		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	42
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	42
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	42



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Data File : BF113604.D
Acq On : 5 Apr 2019 1:23
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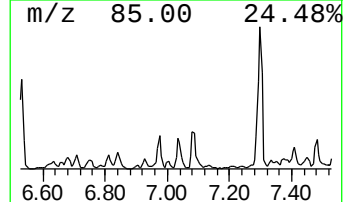
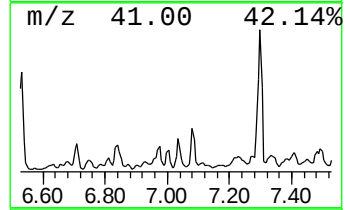
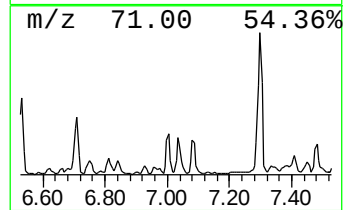
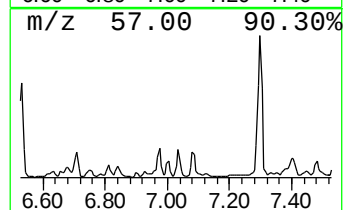
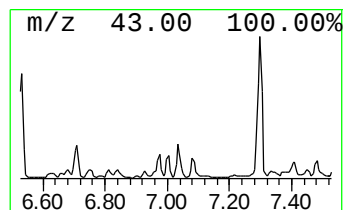
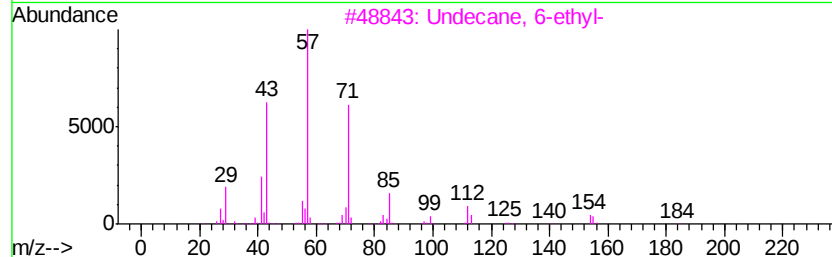
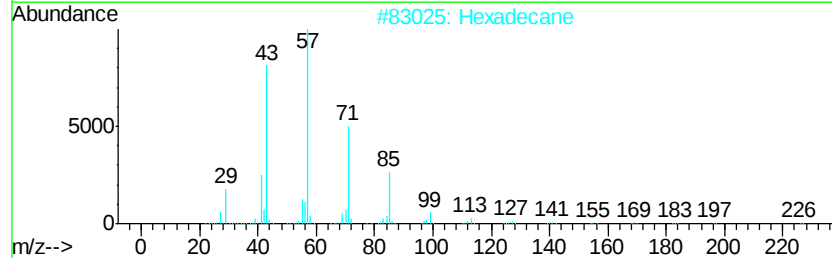
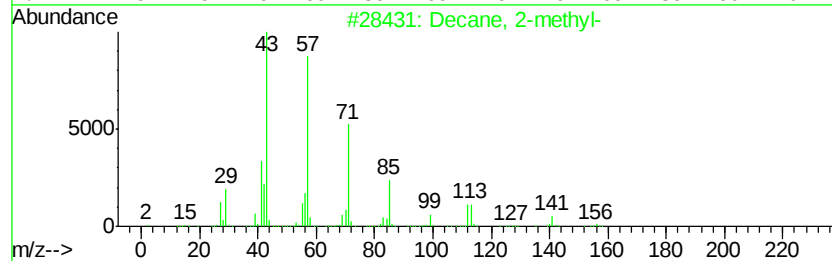
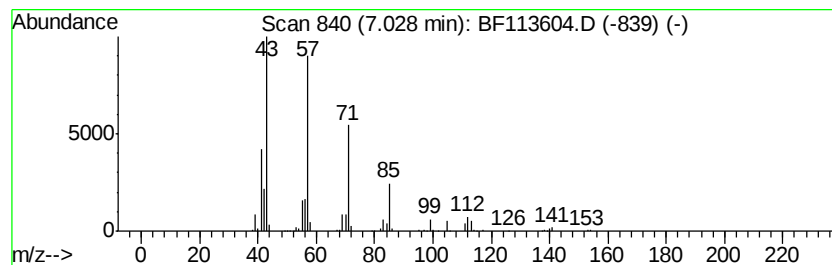
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	17.94 ng	870175	1,4-Dichlorobenzene-d4	6.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	78	
2	Hexadecane	226	C16H34	000544-76-3	64	
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59	
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59	
5	Heptacosane	380	C27H56	000593-49-7	59	



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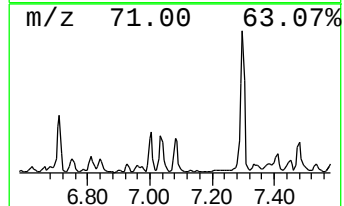
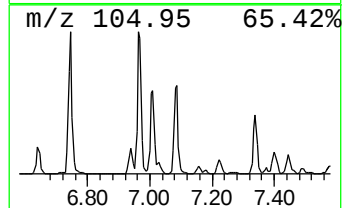
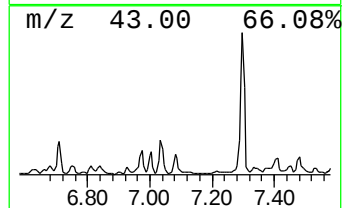
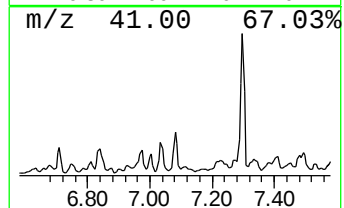
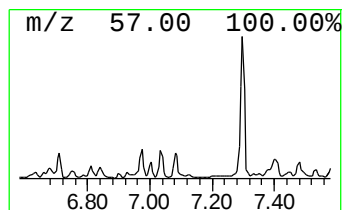
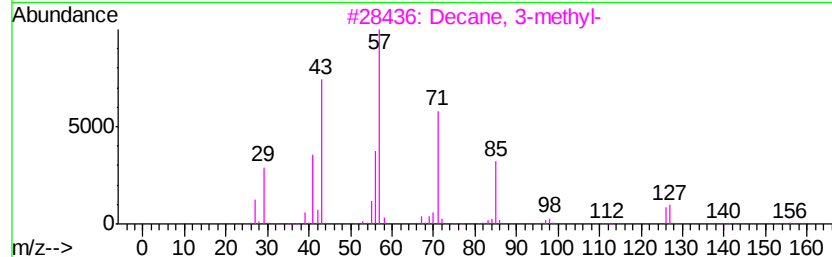
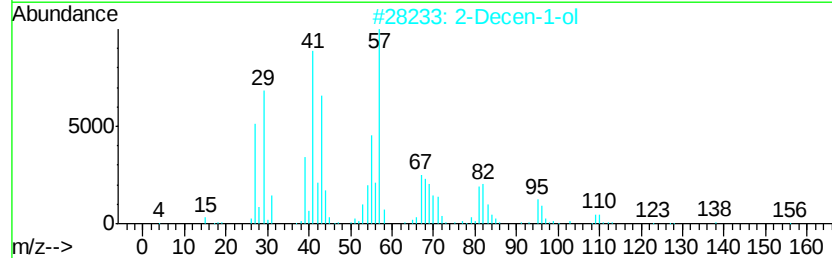
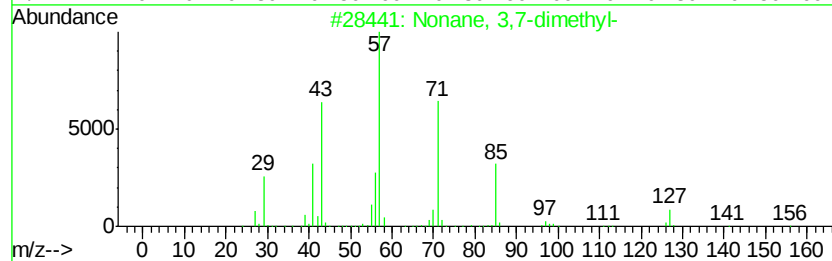
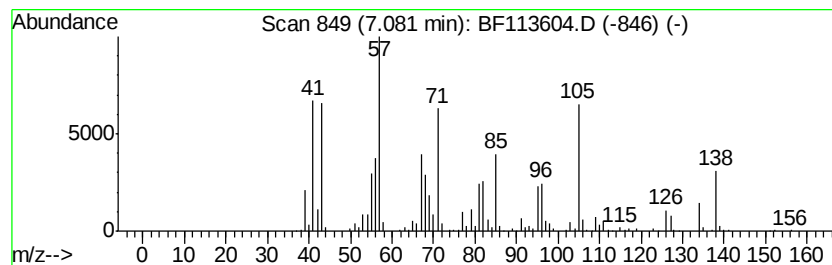
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Nonane, 3,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	28.95 ng	1404180	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
2		2-Decen-1-ol	156	C10H20O	022104-80-9	35
3		Decane, 3-methyl-	156	C11H24	013151-34-3	35
4		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-01-0	22
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	22



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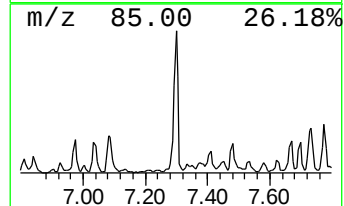
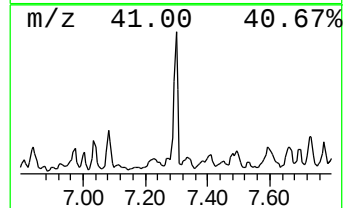
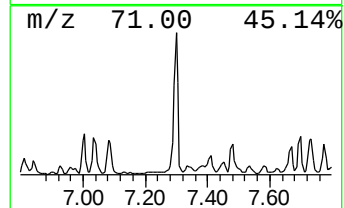
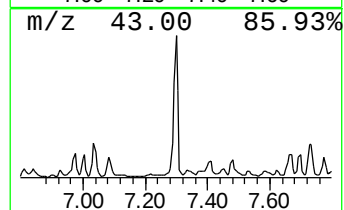
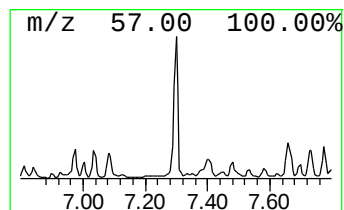
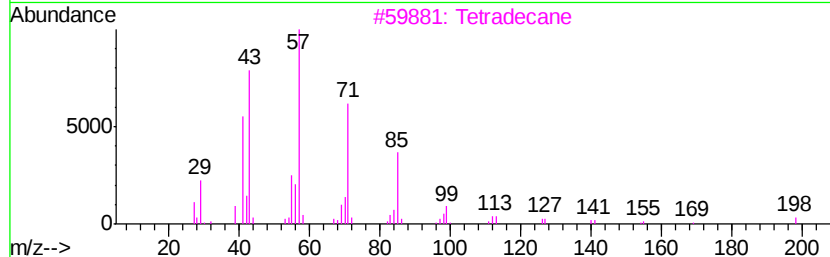
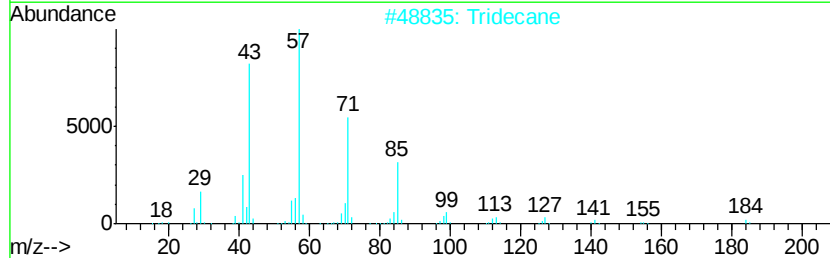
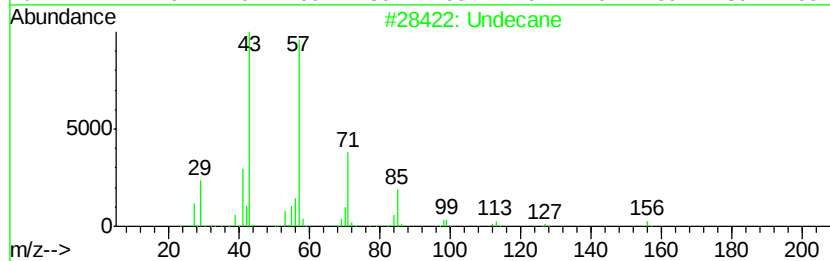
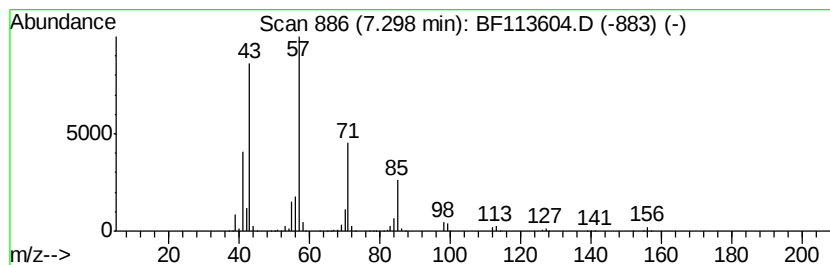
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	72.34 ng	3508410	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Decane, 2-methyl-	156	C11H24	006975-98-0	80
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113604.D
Acq On : 5 Apr 2019 1:23
Operator : JU/SJ
Sample : K2193-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

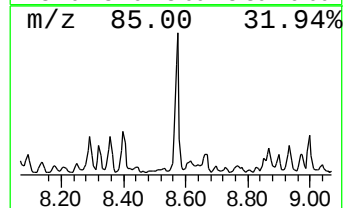
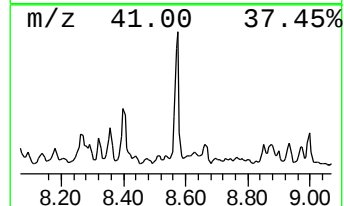
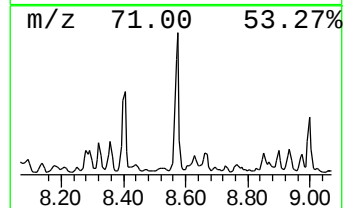
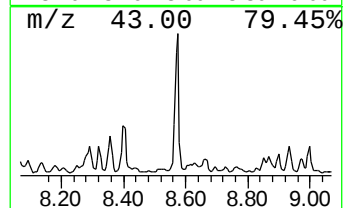
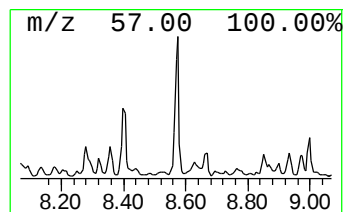
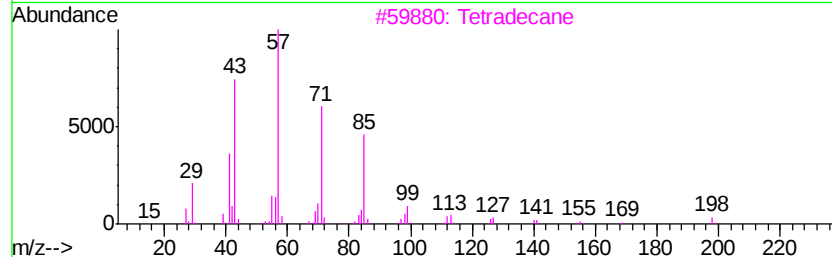
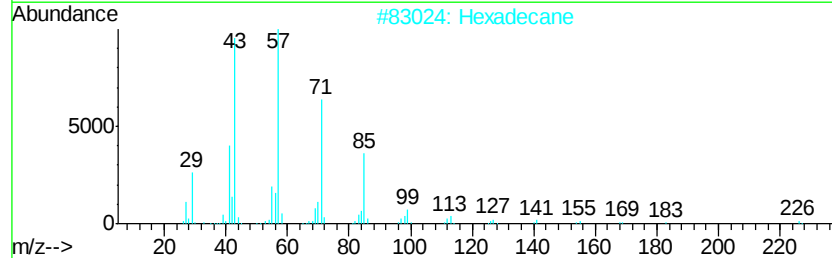
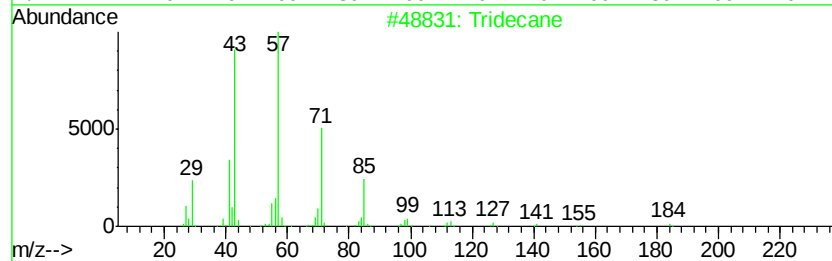
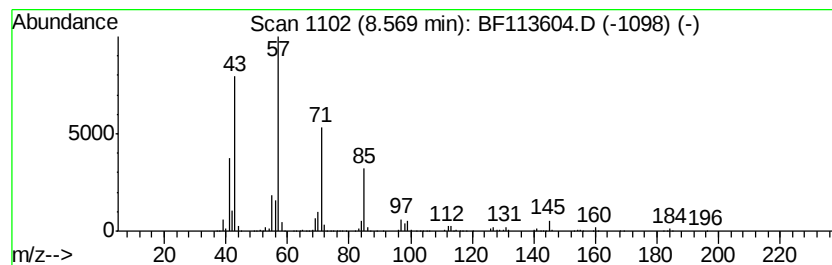
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	13.58 ng	3063500	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113604.D
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Operator : JU/SJ
Sample : K2193-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

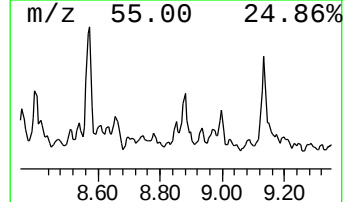
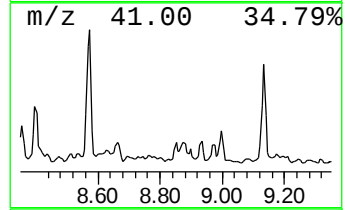
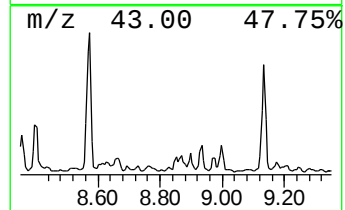
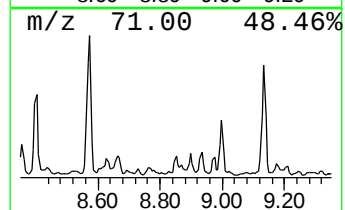
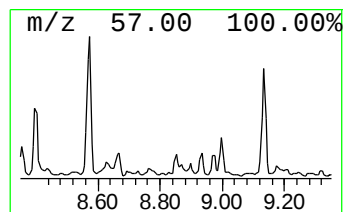
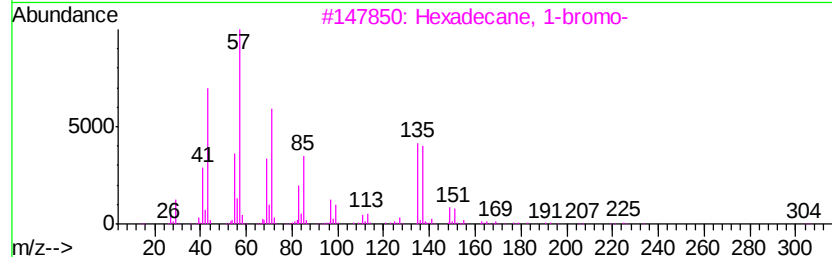
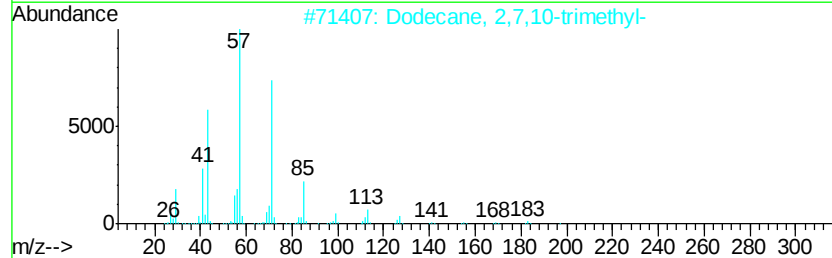
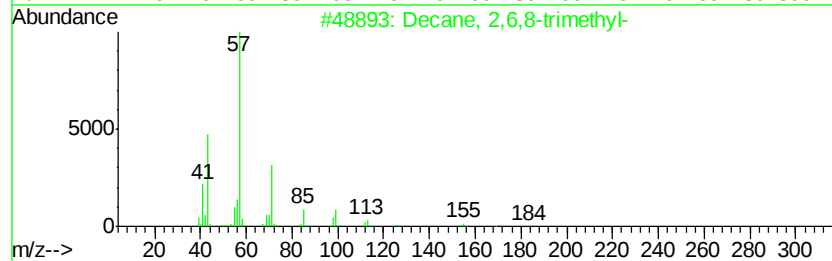
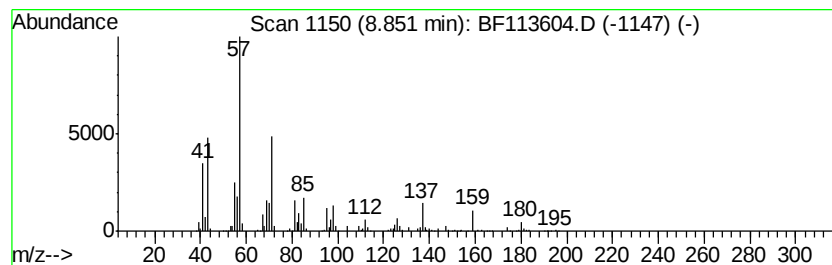
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Decane, 2,6,8-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	11.17 ng	460103	Acenaphthene-d10	9.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3	50
2	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	47
3	Hexadecane, 1-bromo-	304 C16H33Br	000112-82-3	47
4	Tetratetracontane	619 C44H90	007098-22-8	43
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113604.D
Acq On : 5 Apr 2019 1:23
Operator : JU/SJ
Sample : K2193-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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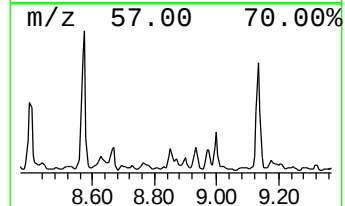
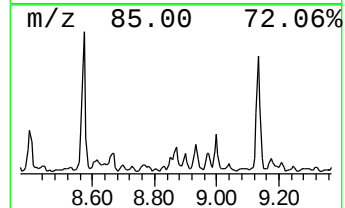
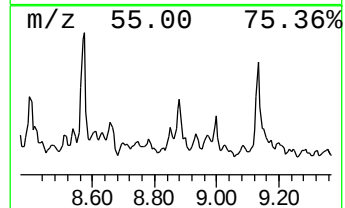
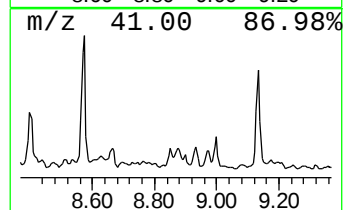
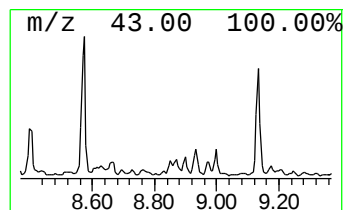
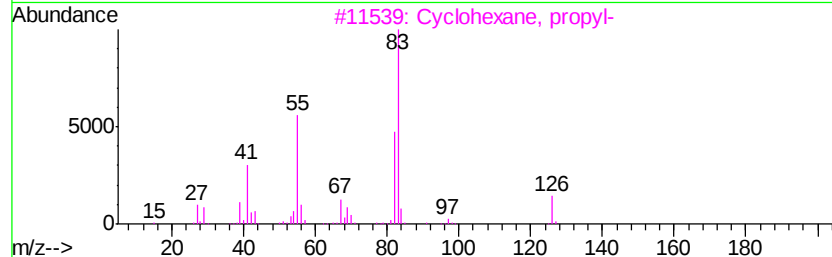
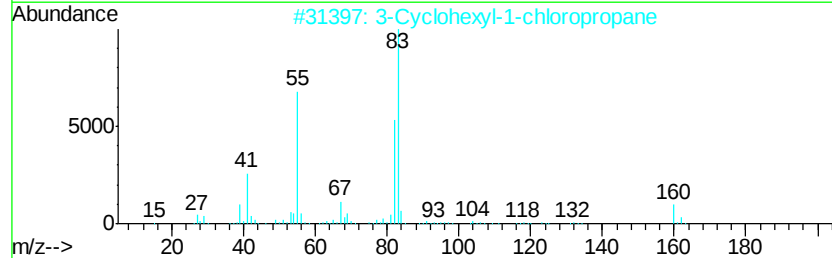
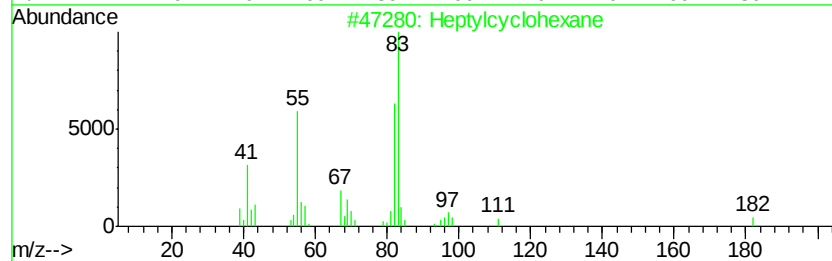
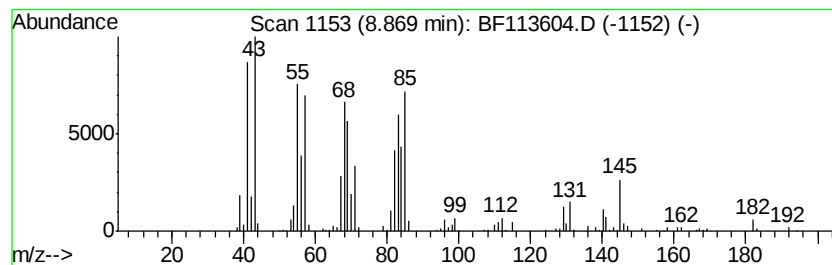
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptylcyclohexane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	11.68 ng	481040	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	68
2		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	50
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	50
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	50
5		(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-73-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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Operator : JU/SJ
Sample : K2193-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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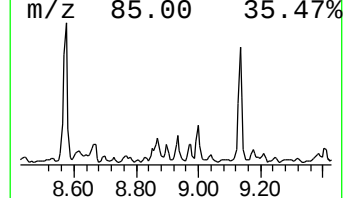
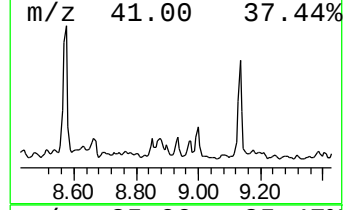
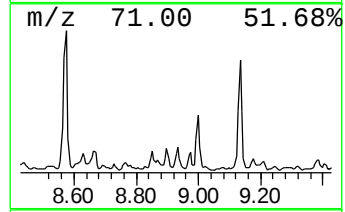
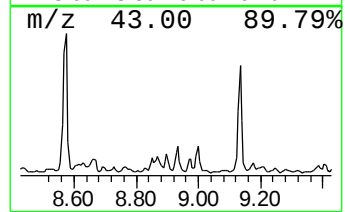
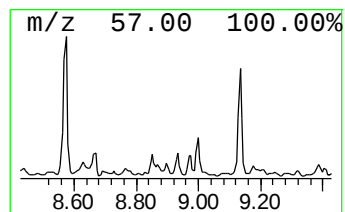
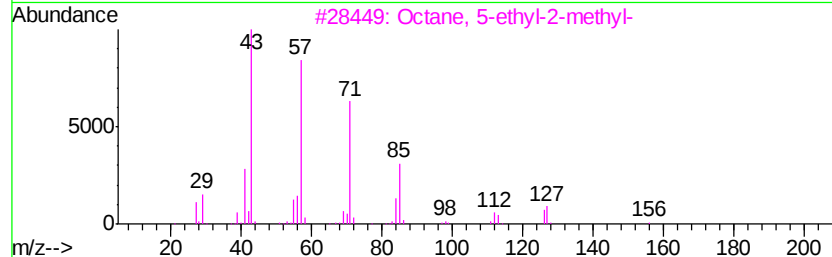
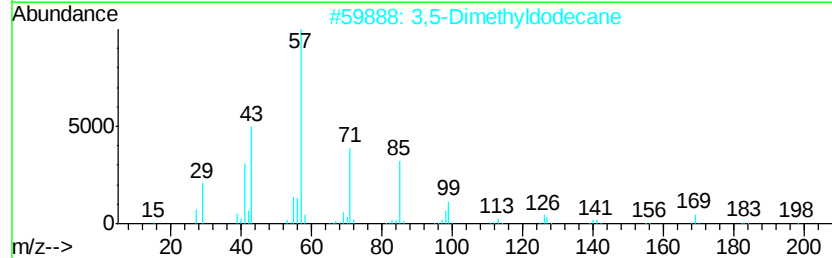
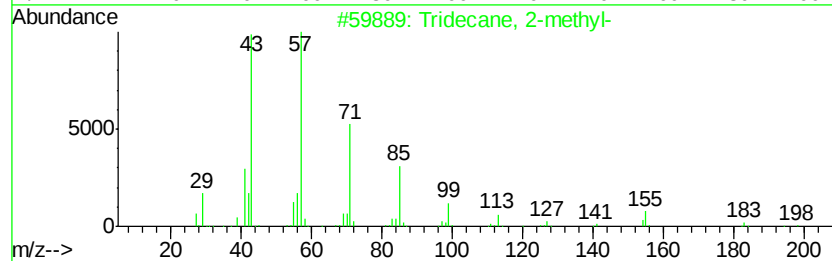
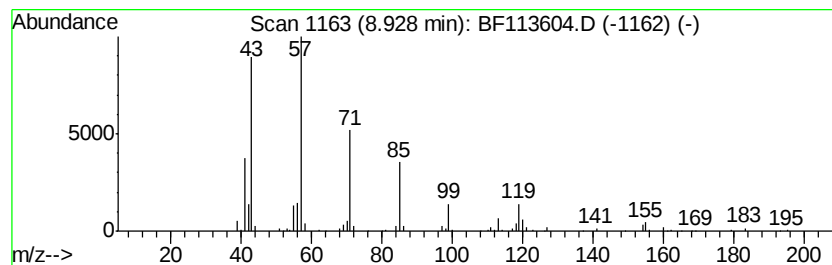
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tridecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	11.04 ng	454842	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	95
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
3		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	70
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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ALS Vial : 18 Sample Multiplier: 1

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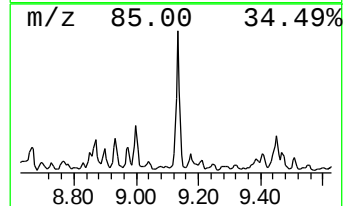
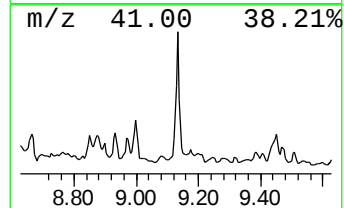
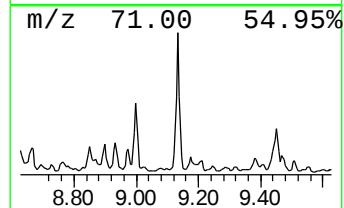
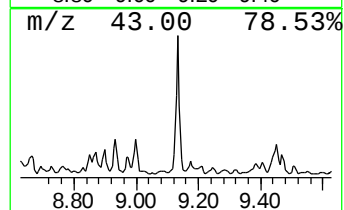
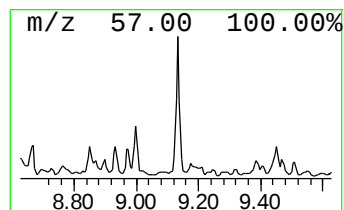
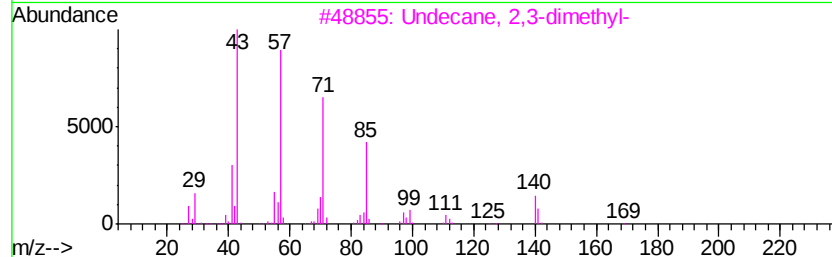
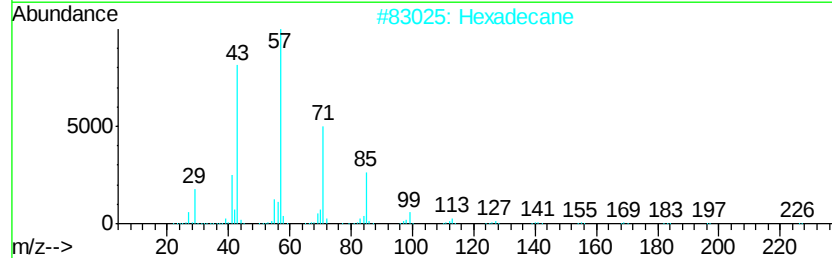
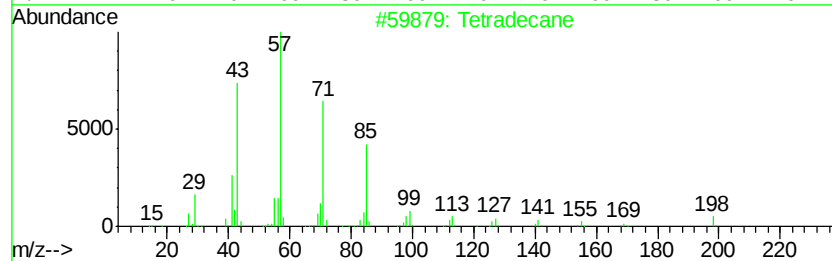
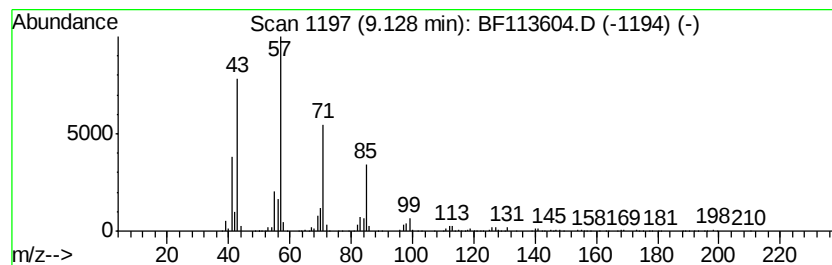
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	54.31 ng	2236870	Acenaphthene-d10	9.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
4		Tridecane	184	C13H28	000629-50-5	78
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113604.D
Acq On : 5 Apr 2019 1:23
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Sample : K2193-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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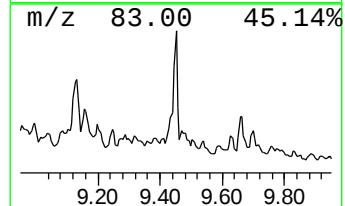
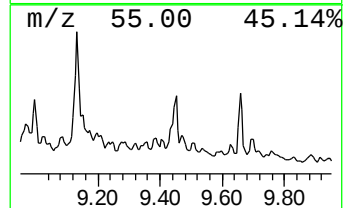
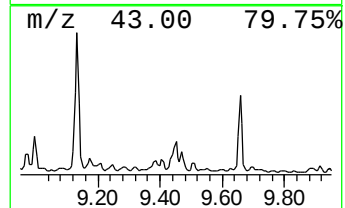
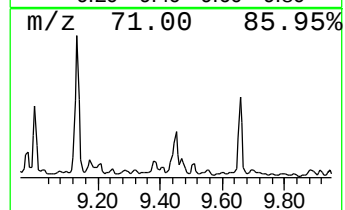
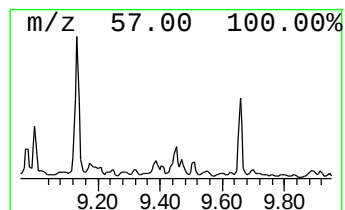
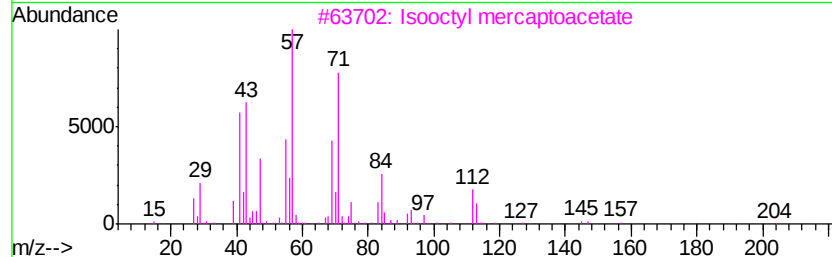
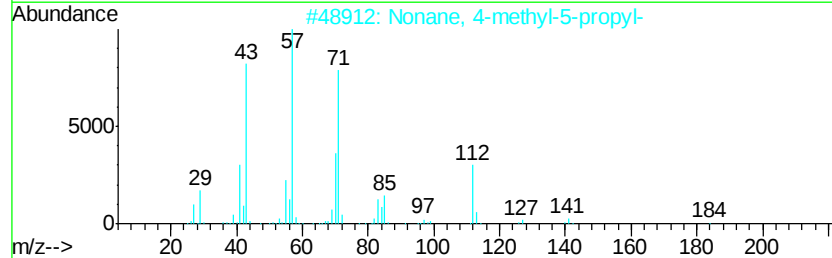
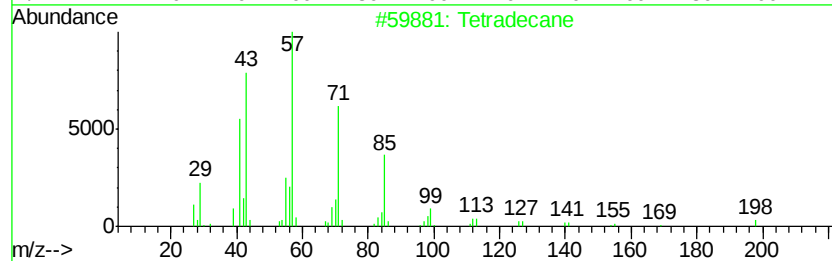
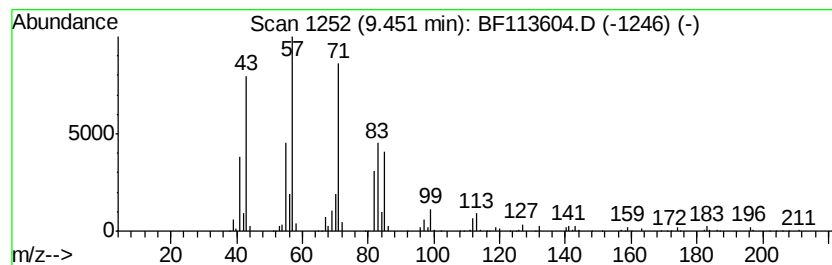
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonane, 4-methyl-5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	26.33 ng	1084450	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	59
2		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	55
3		Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	53
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
5		Hexadecane	226	C16H34	000544-76-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
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Sample : K2193-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

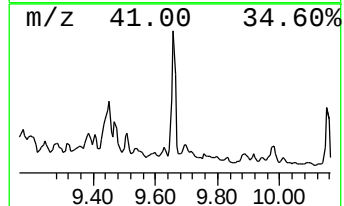
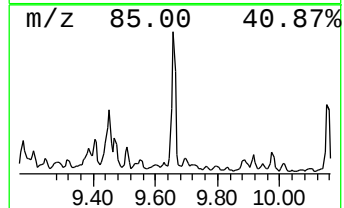
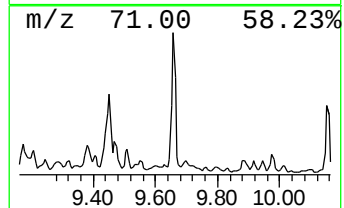
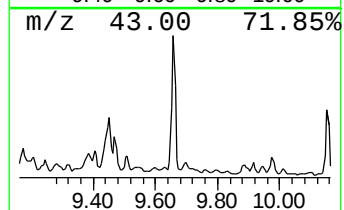
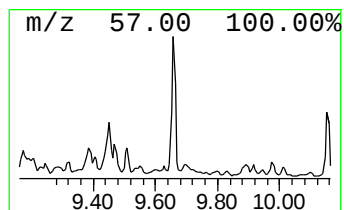
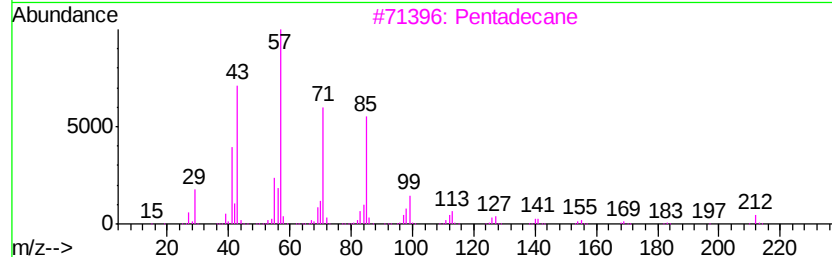
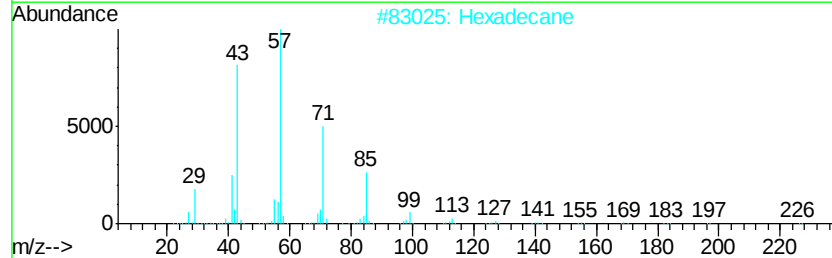
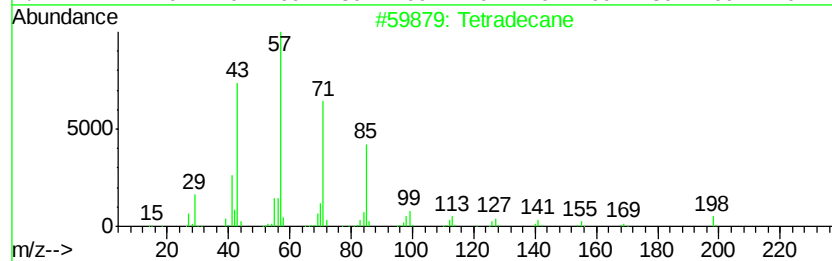
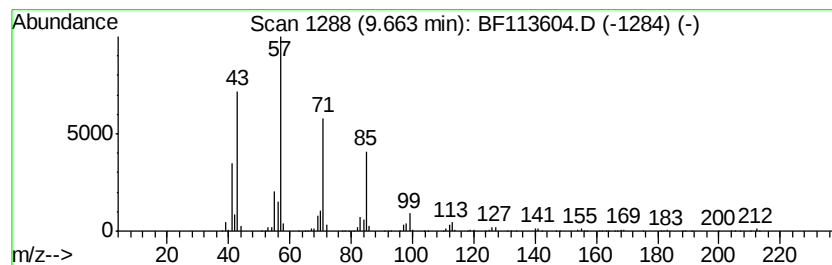
Instrument :
BNA_F
ClientSampleId :
HR-06-040319-C

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 18 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	26.77 ng	1102570	Acenaphthene-d10	9.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 90
2		Hexadecane	226 C16H34	000544-76-3 90
3		Pentadecane	212 C15H32	000629-62-9 83
4		Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2 78
5		Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113604.D
Acq On : 5 Apr 2019 1:23
Operator : JU/SJ
Sample : K2193-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

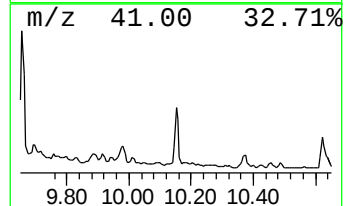
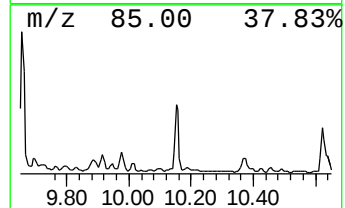
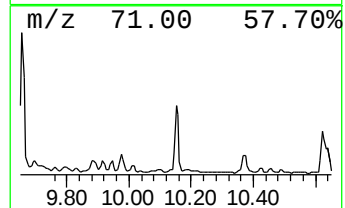
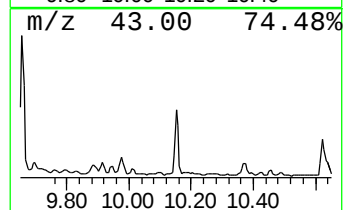
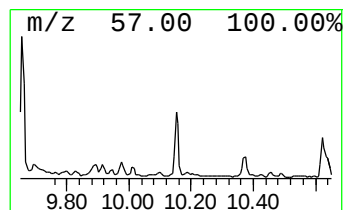
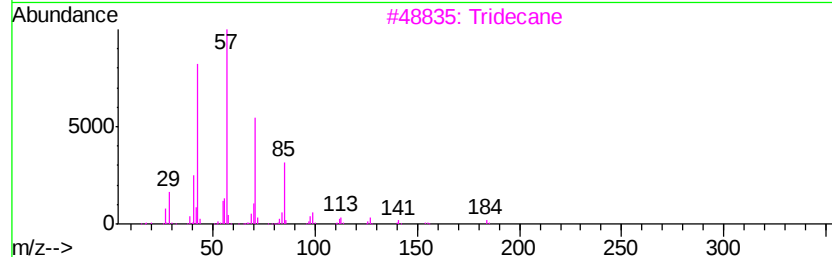
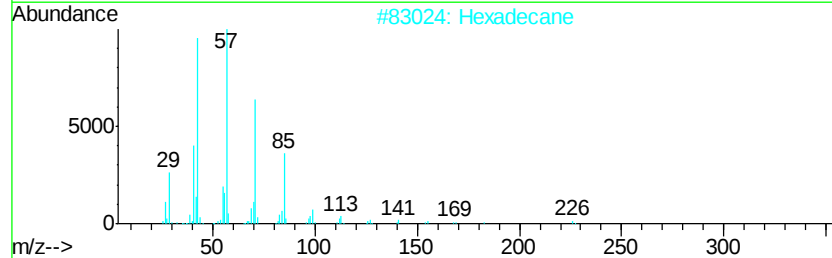
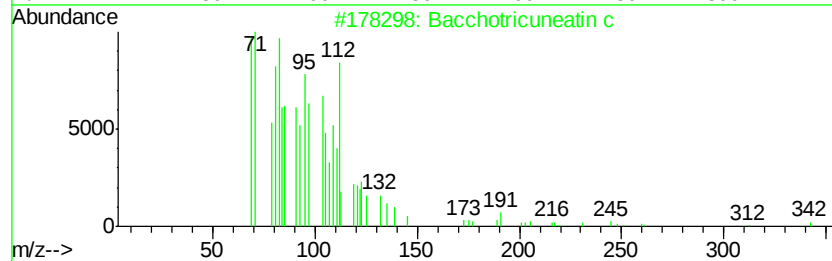
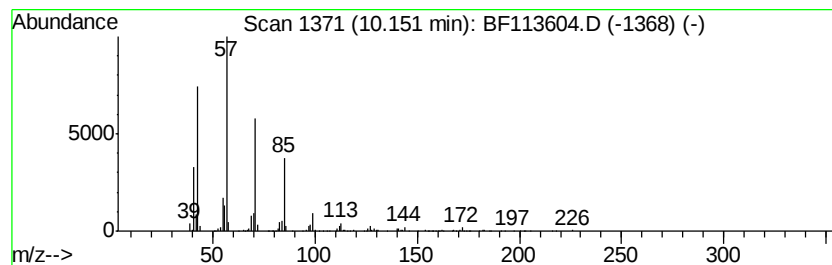
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Bacchotricuneatin c Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	13.69 ng	563708	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113604.D
Acq On : 5 Apr 2019 1:23
Operator : JU/SJ
Sample : K2193-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

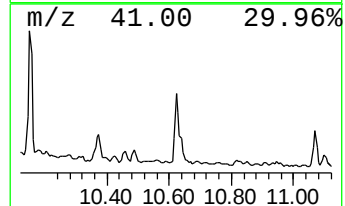
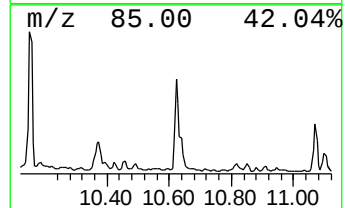
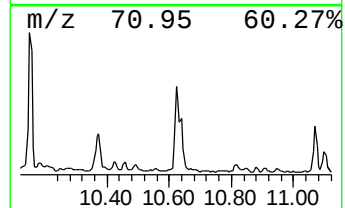
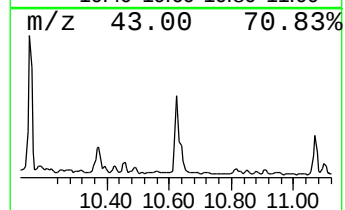
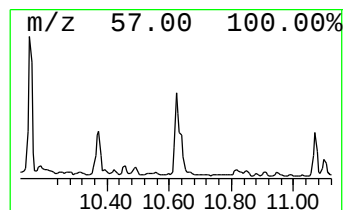
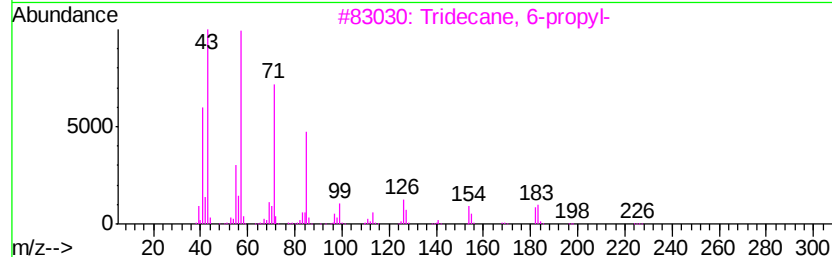
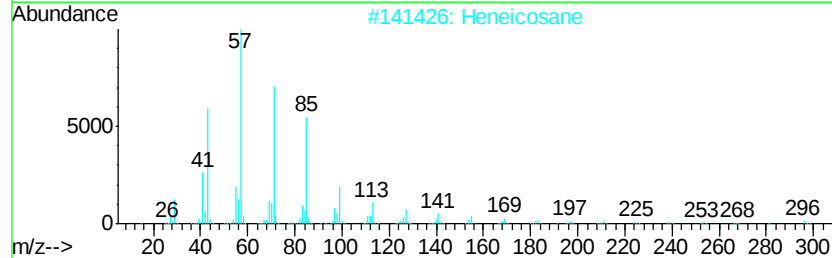
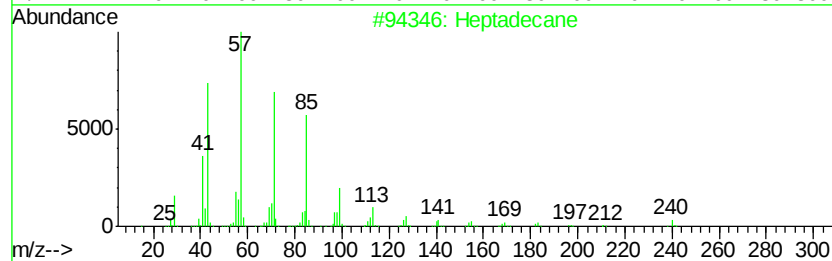
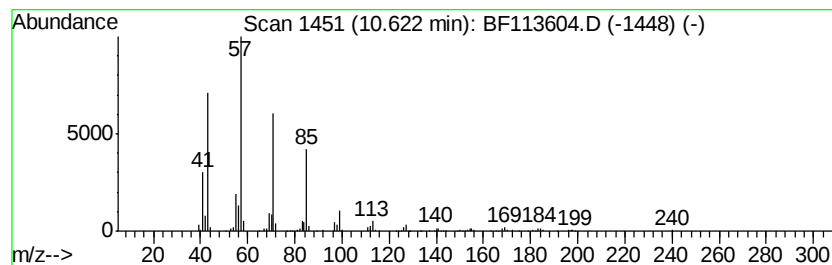
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	12.02 ng	518415	Phenanthrene-d10	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
 Data File : BF113604.D
 Acq On : 5 Apr 2019 1:23
 Operator : JU/SJ
 Sample : K2193-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

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
unknown5.93	5.93	11.9	ng	574842	1	6.69	970021	20.0
Nonane, 3-methyl-	6.28	15.2	ng	734661	1	6.69	970021	20.0
unknown6.46	6.46	15.3	ng	742373	1	6.69	970021	20.0
Decane	6.53	55.2	ng	2675220	1	6.69	970021	20.0
Benzene, 1,2,3-tr...	6.75	16.4	ng	793314	1	6.69	970021	20.0
Benzene, 1-methyl...	6.97	25.1	ng	1214980	1	6.69	970021	20.0
Benzene, 1,3-diet...	7.00	21.6	ng	1049670	1	6.69	970021	20.0
Decane, 2-methyl-	7.03	17.9	ng	870175	1	6.69	970021	20.0
Nonane, 3,7-dimet...	7.08	28.9	ng	1404180	1	6.69	970021	20.0
Undecane	7.30	72.3	ng	3508410	1	6.69	970021	20.0
Tridecane	8.57	13.6	ng	3063500	2	7.97	4511900	20.0
Decane, 2,6,8-tri...	8.85	11.2	ng	460103	3	9.72	823731	20.0
Heptylcyclohexane	8.87	11.7	ng	481040	3	9.72	823731	20.0
Tridecane, 2-methyl-	8.93	11.0	ng	454842	3	9.72	823731	20.0
Tetradecane	9.13	54.3	ng	2236870	3	9.72	823731	20.0
Nonane, 4-methyl-...	9.45	26.3	ng	1084450	3	9.72	823731	20.0
Pentadecane	9.66	26.8	ng	1102570	3	9.72	823731	20.0
Bacchotricuneatin c	10.15	13.7	ng	563708	3	9.72	823731	20.0
Heptadecane	10.62	12.0	ng	518415	4	11.19	862598	20.0