

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113865.D
 Acq On : 19 Apr 2019 18:13
 Operator : JU/SJ
 Sample : K2193-11 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-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-BF041819.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	5.516	579	583	590	rVB	743853	642529	32.25%	2.224%
2	6.163	690	693	700	rVB3	69751	97244	4.88%	0.337%
3	6.351	720	725	729	rBV3	62357	82263	4.13%	0.285%
4	6.445	738	741	743	rBV3	123145	128541	6.45%	0.445%
5	6.516	747	753	759	rBV	798657	782970	39.29%	2.710%
6	6.592	763	766	768	rVB2	76030	67794	3.40%	0.235%
7	6.669	772	779	782	rBV	818390	809442	40.62%	2.801%
8	6.745	787	792	795	rBV2	411921	366751	18.41%	1.269%
9	6.845	803	809	813	rBV6	41037	90493	4.54%	0.313%
10	6.904	815	819	821	rVV	1073681	951068	47.73%	3.292%
11	6.922	821	822	827	rVB2	172198	121389	6.09%	0.420%
12	6.963	827	829	834	rVB2	165385	171922	8.63%	0.595%
13	7.022	837	839	842	rVB2	73428	63753	3.20%	0.221%
14	7.057	842	845	848	rBV	814989	675911	33.92%	2.339%
15	7.086	848	850	853	rVB2	72755	71415	3.58%	0.247%
16	7.139	856	859	860	rBV	65243	53245	2.67%	0.184%
17	7.181	863	866	869	rVB	280900	281749	14.14%	0.975%
18	7.222	869	873	875	rBV2	242469	263386	13.22%	0.912%
19	7.245	875	877	881	rVB2	182168	149018	7.48%	0.516%
20	7.298	882	886	890	rBV3	307372	326299	16.38%	1.129%
21	7.334	890	892	896	rVB3	56202	62800	3.15%	0.217%
22	7.451	906	912	916	rBV3	503762	745757	37.43%	2.581%
23	7.504	918	921	925	rVB	896209	703408	35.30%	2.434%
24	7.557	925	930	933	rVB3	219135	327041	16.41%	1.132%
25	7.592	933	936	937	rBV2	119493	141005	7.08%	0.488%
26	7.616	937	940	943	rVB3	86345	98573	4.95%	0.341%
27	7.669	946	949	951	rVV3	46230	62413	3.13%	0.216%
28	7.698	951	954	955	rVV2	123211	150337	7.54%	0.520%
29	7.716	955	957	960	rVB	231938	176984	8.88%	0.613%
30	7.739	960	961	965	rVB2	68564	55516	2.79%	0.192%
31	7.792	965	970	971	rBV2	137971	153534	7.71%	0.531%
32	7.810	971	973	975	rVV2	182148	134111	6.73%	0.464%
33	7.833	975	977	980	rVB2	190452	164064	8.23%	0.568%
34	7.875	980	984	986	rVB3	232314	270338	13.57%	0.936%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.904	986	989	991	rBV2	336289	307578	15.44%	1.064%
36	7.922	991	992	994	rVV2	225614	214500	10.76%	0.742%
37	7.939	994	995	1000	rVB4	316052	313599	15.74%	1.085%
38	7.986	1000	1003	1005	rBV2	196559	215357	10.81%	0.745%
39	8.004	1005	1006	1008	rVV2	102633	81279	4.08%	0.281%
40	8.028	1008	1010	1013	rVB	243810	190100	9.54%	0.658%
41	8.057	1013	1015	1017	rBV	110897	103817	5.21%	0.359%
42	8.092	1019	1021	1025	rBV3	80932	82648	4.15%	0.286%
43	8.145	1025	1030	1032	rBV4	150330	250337	12.56%	0.866%
44	8.181	1032	1036	1040	rVV2	1392814	1992623	100.00%	6.896%
45	8.233	1043	1045	1046	rVV	161749	138020	6.93%	0.478%
46	8.251	1046	1048	1050	rVB	449218	338669	17.00%	1.172%
47	8.281	1050	1053	1055	rBV3	162297	159240	7.99%	0.551%
48	8.345	1061	1064	1068	rBV5	99575	167843	8.42%	0.581%
49	8.386	1068	1071	1075	rVB3	161296	217915	10.94%	0.754%
50	8.480	1082	1087	1090	rBV3	369395	454945	22.83%	1.575%
51	8.533	1094	1096	1099	rVB3	298035	267434	13.42%	0.926%
52	8.569	1099	1102	1105	rBV3	352096	372144	18.68%	1.288%
53	8.610	1106	1109	1111	rVV	413036	365162	18.33%	1.264%
54	8.633	1111	1113	1115	rVV2	146590	122009	6.12%	0.422%
55	8.651	1115	1116	1119	rVB	173822	122982	6.17%	0.426%
56	8.692	1119	1123	1126	rBV2	386633	371739	18.66%	1.287%
57	8.733	1128	1130	1134	rBV4	90809	81129	4.07%	0.281%
58	8.780	1134	1138	1142	rVV	1018360	844393	42.38%	2.922%
59	8.816	1142	1144	1146	rVV2	99774	121088	6.08%	0.419%
60	8.845	1146	1149	1151	rVV3	209232	228770	11.48%	0.792%
61	8.880	1151	1155	1157	rVB3	178124	212480	10.66%	0.735%
62	8.939	1162	1165	1167	rBV3	103246	83968	4.21%	0.291%
63	8.980	1167	1172	1173	rBV6	71352	117752	5.91%	0.408%
64	9.010	1174	1177	1181	rVB4	175968	174945	8.78%	0.605%
65	9.063	1184	1186	1190	rBV4	120281	166951	8.38%	0.578%
66	9.145	1196	1200	1204	rVB3	204489	254534	12.77%	0.881%
67	9.186	1204	1207	1209	rBV	185590	163871	8.22%	0.567%
68	9.210	1209	1211	1216	rVV2	272478	301832	15.15%	1.045%
69	9.257	1216	1219	1222	rVV	789784	603022	30.26%	2.087%
70	9.304	1225	1227	1230	rVB3	60874	52272	2.62%	0.181%
71	9.345	1230	1234	1238	rBV	708438	640916	32.16%	2.218%

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72	9.392	1239	1242	1243	rVV2	71617	82686	4.15%	0.286%
73	9.410	1243	1245	1251	rVB4	152502	207602	10.42%	0.718%
74	9.463	1251	1254	1258	rVB5	68325	74576	3.74%	0.258%
75	9.504	1258	1261	1262	rBV2	59766	64720	3.25%	0.224%
76	9.598	1275	1277	1279	rVB2	91854	71232	3.57%	0.247%
77	9.622	1279	1281	1283	rVB2	118853	82262	4.13%	0.285%
78	9.669	1283	1289	1291	rBV3	175471	292146	14.66%	1.011%
79	9.686	1291	1292	1295	rVB2	145543	99192	4.98%	0.343%
80	9.722	1296	1298	1301	rVB2	128700	117174	5.88%	0.406%
81	9.763	1303	1305	1309	rVB4	64420	59921	3.01%	0.207%
82	9.875	1321	1324	1327	rVB	364074	271667	13.63%	0.940%
83	9.939	1332	1335	1339	rVB	1314407	1072114	53.80%	3.710%
84	10.110	1360	1364	1366	rBV3	47216	68426	3.43%	0.237%
85	10.198	1377	1379	1383	rVB4	60703	74732	3.75%	0.259%
86	10.269	1387	1391	1394	rBV3	33719	60289	3.03%	0.209%
87	10.374	1403	1409	1412	rBV	153128	150843	7.57%	0.522%
88	10.598	1441	1447	1451	rBV4	40326	65653	3.29%	0.227%
89	10.722	1464	1468	1472	rBV	474027	405165	20.33%	1.402%
90	10.845	1486	1489	1496	rVB	79870	92419	4.64%	0.320%
91	11.298	1558	1566	1569	rBV2	54377	64431	3.23%	0.223%
92	11.427	1584	1588	1591	rBV	1475860	1248376	62.65%	4.321%
93	11.963	1676	1679	1683	rVB2	92777	94593	4.75%	0.327%
94	12.568	1777	1782	1786	rVV3	41595	65182	3.27%	0.226%
95	12.692	1799	1803	1806	rVB	233934	218122	10.95%	0.755%
96	12.939	1839	1845	1849	rBV	207021	255087	12.80%	0.883%
97	13.104	1869	1873	1877	rBV	901169	838480	42.08%	2.902%
98	13.386	1918	1921	1925	rBV2	63864	66968	3.36%	0.232%
99	14.351	2080	2085	2089	rBV	1172212	1435330	72.03%	4.968%
100	16.139	2385	2389	2393	rVB	724304	853909	42.85%	2.955%

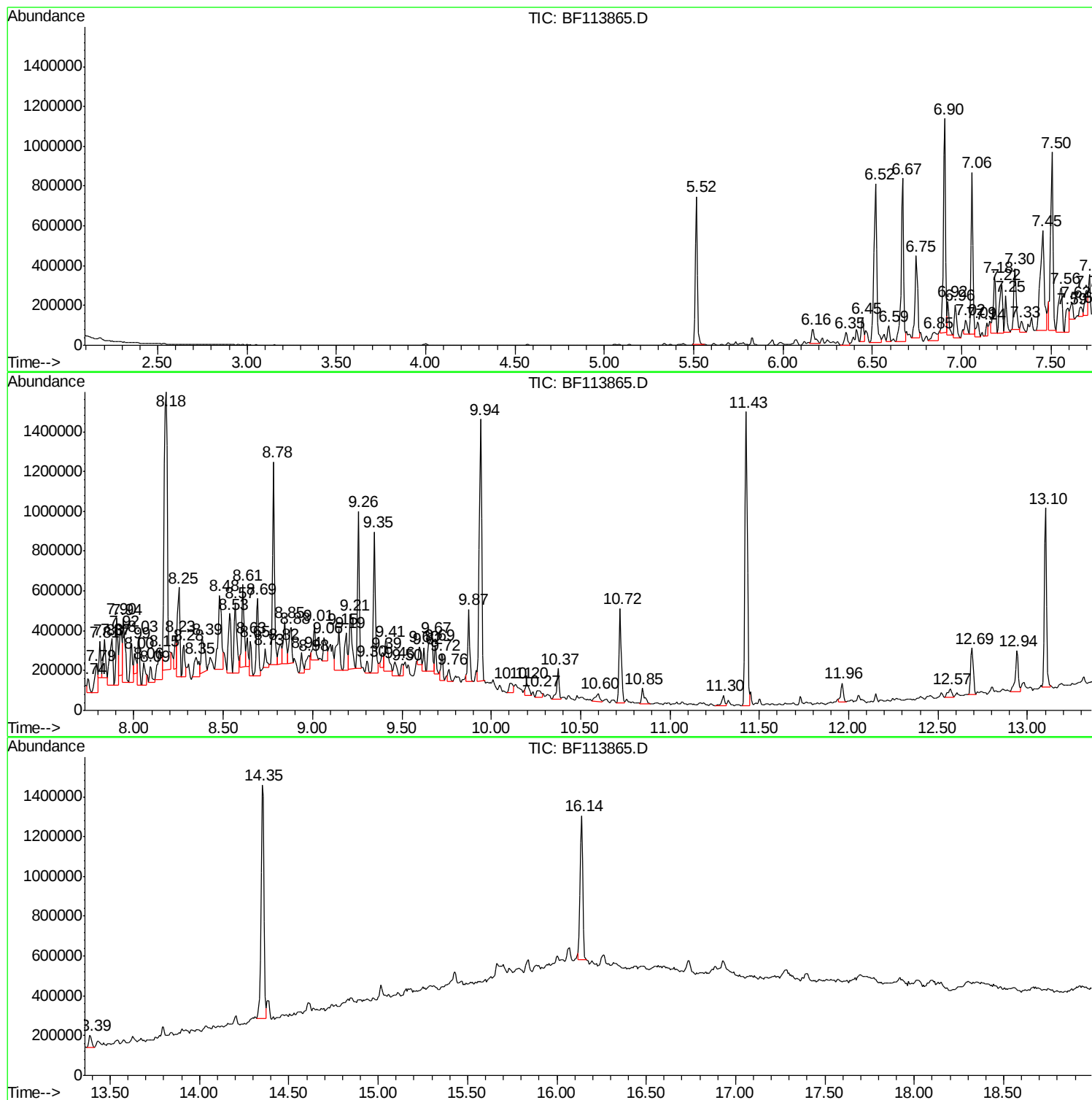
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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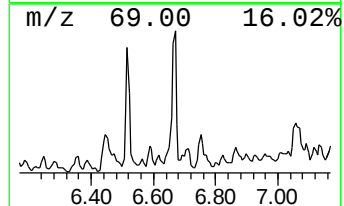
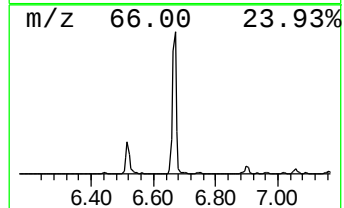
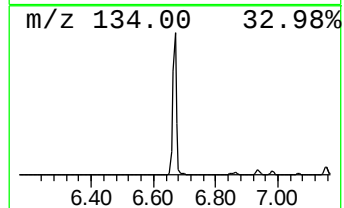
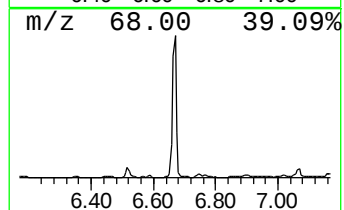
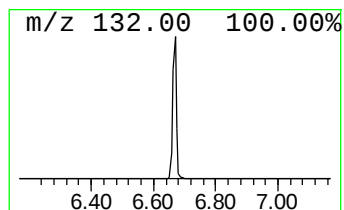
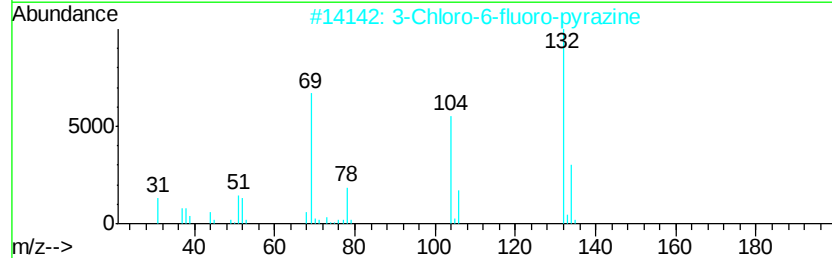
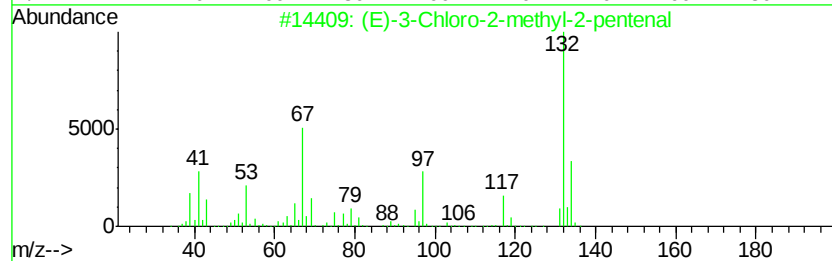
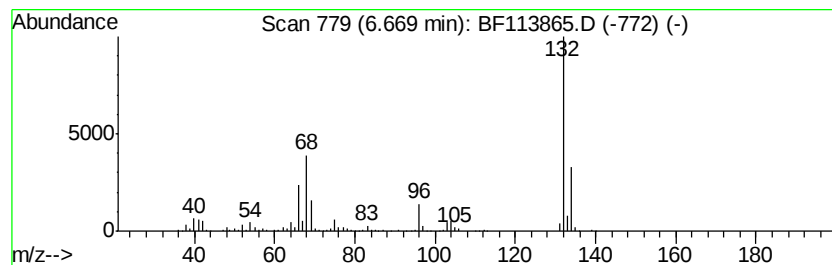
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	17.02 ng	809442	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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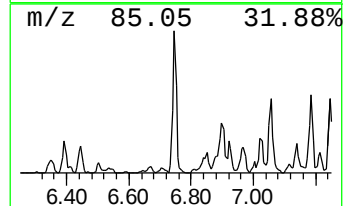
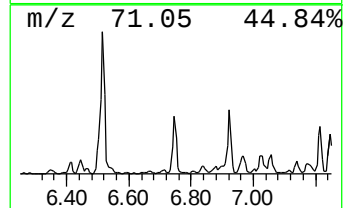
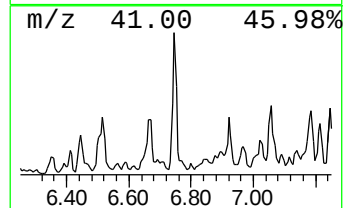
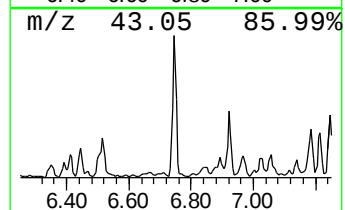
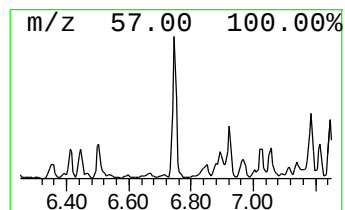
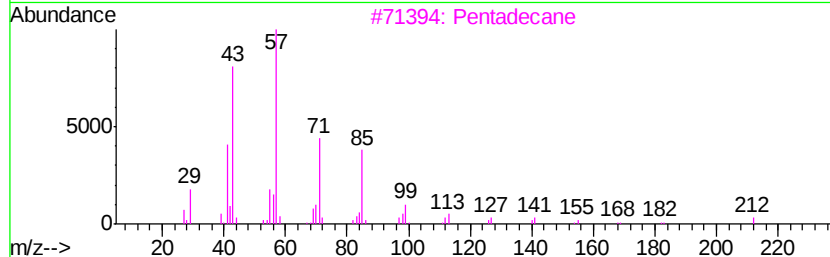
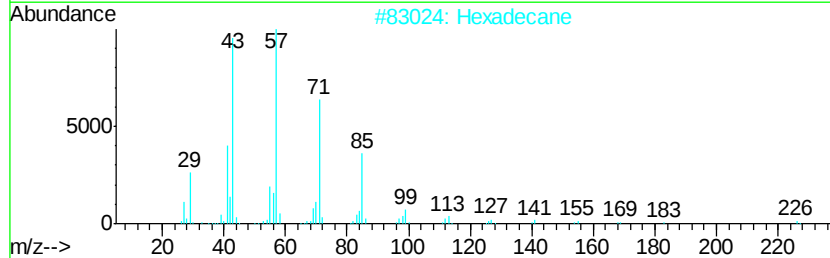
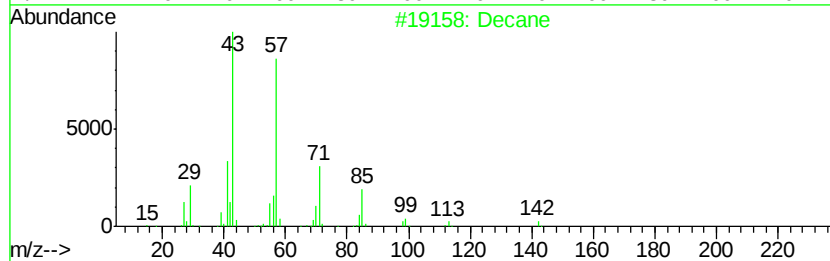
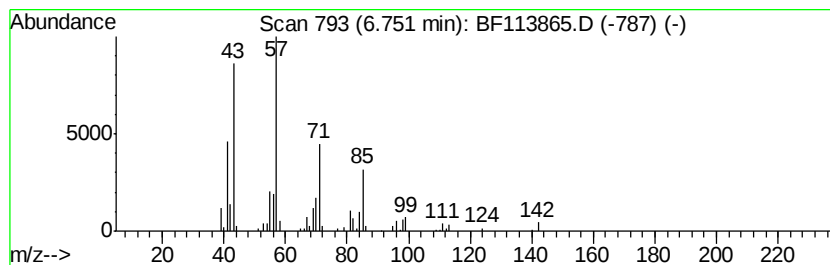
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	7.71 ng	366751	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane	212	C15H32	000629-62-9	83
4		Tridecane	184	C13H28	000629-50-5	78
5		Undecane	156	C11H24	001120-21-4	78



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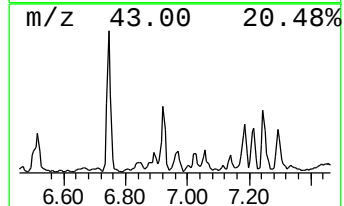
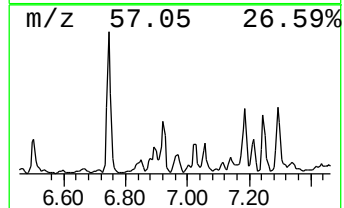
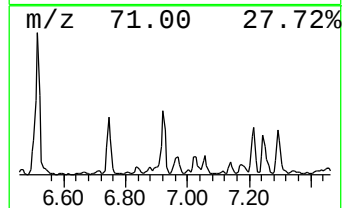
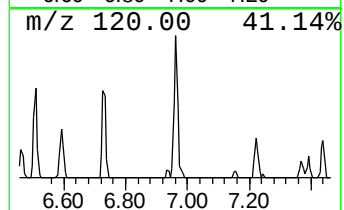
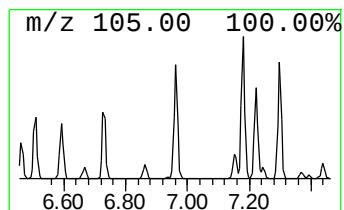
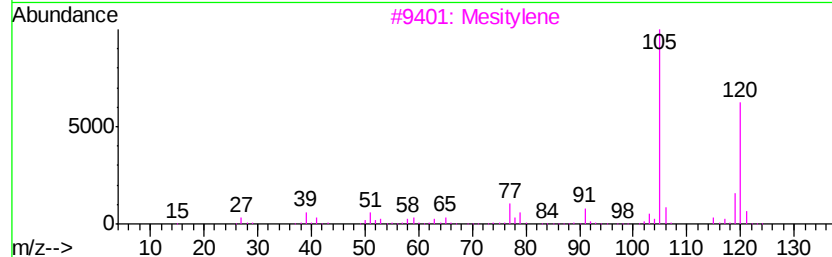
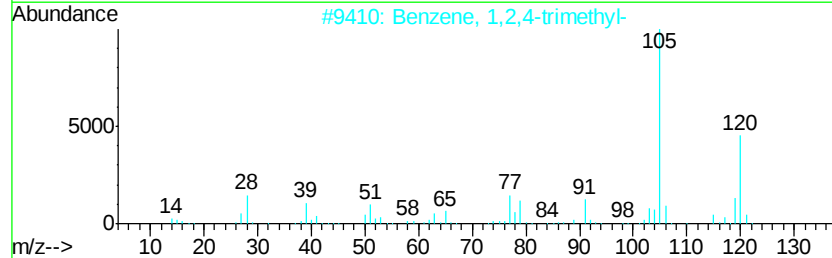
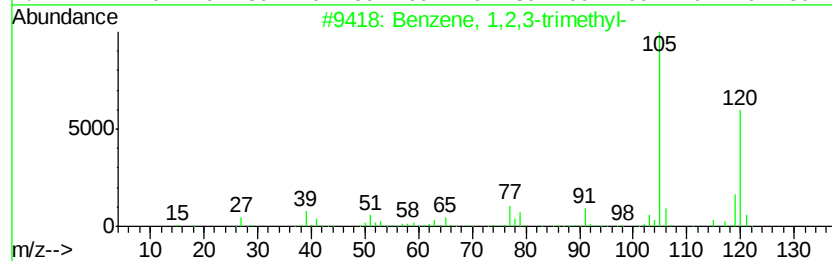
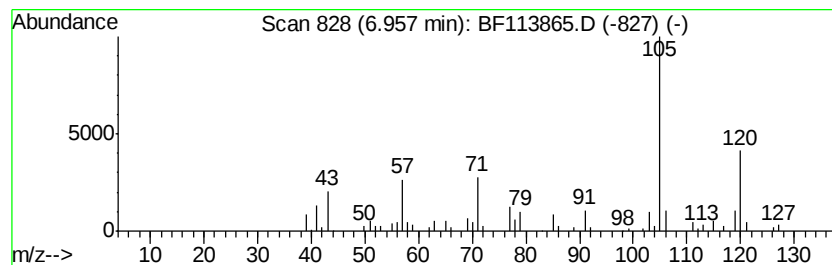
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	3.62 ng	171922	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	89
3		Mesitylene	120	C9H12	000108-67-8	76
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
Acq On : 19 Apr 2019 18:13
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-C

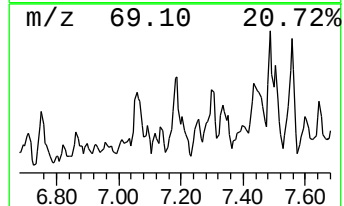
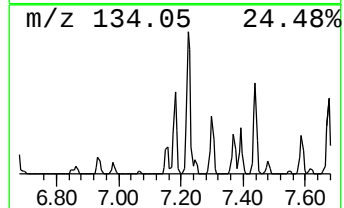
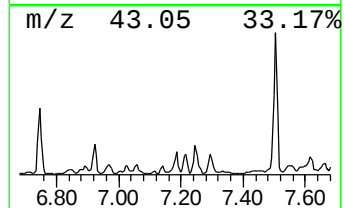
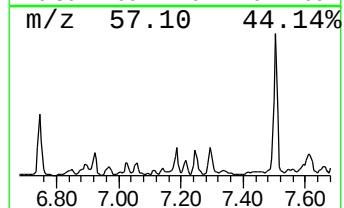
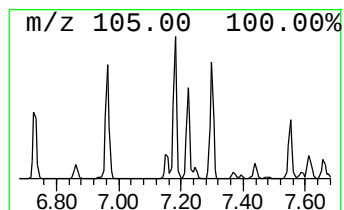
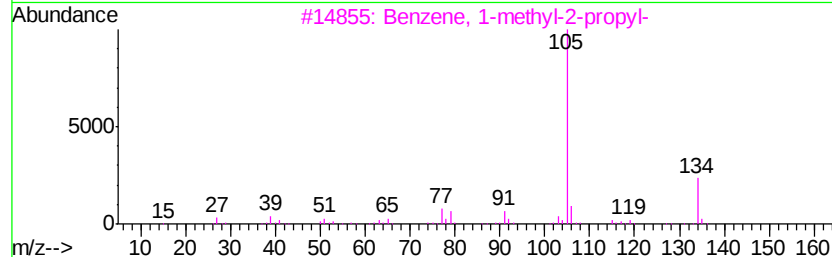
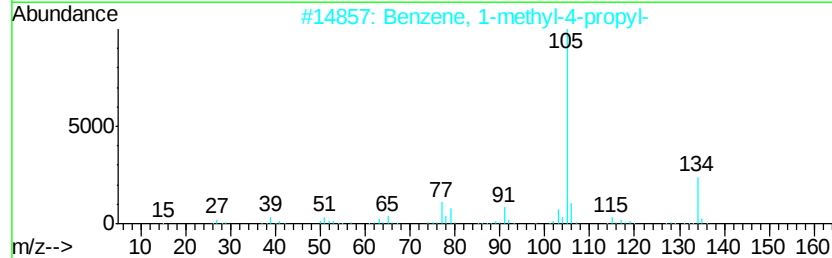
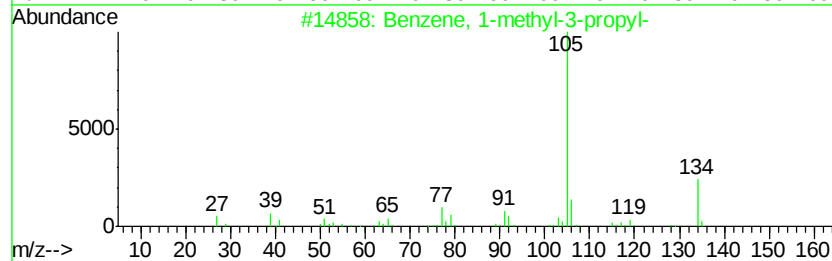
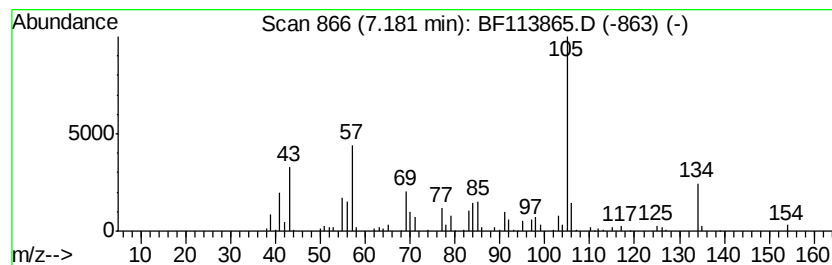
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	5.92 ng	281749	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
5		2-Indanol	134	C9H10O	004254-29-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
Acq On : 19 Apr 2019 18:13
Operator : JU/SJ
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Instrument :
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ClientSampled :
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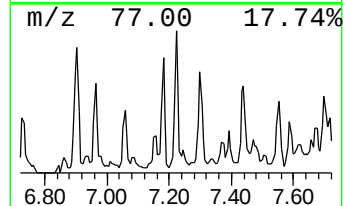
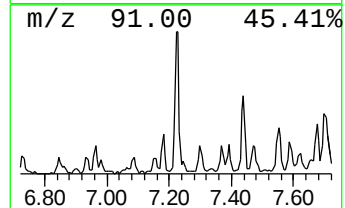
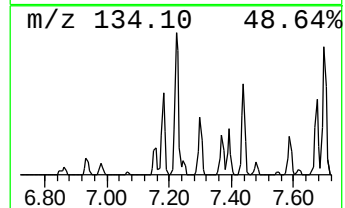
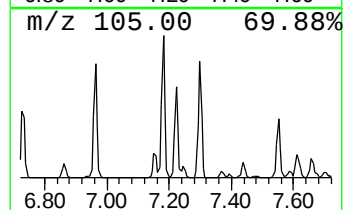
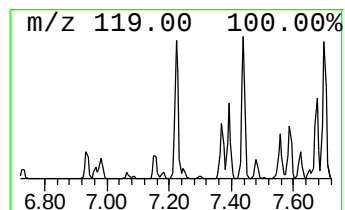
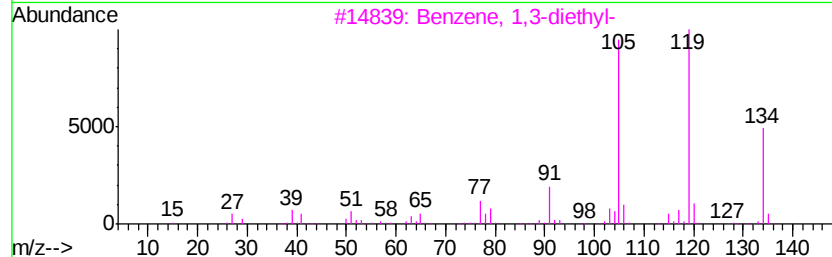
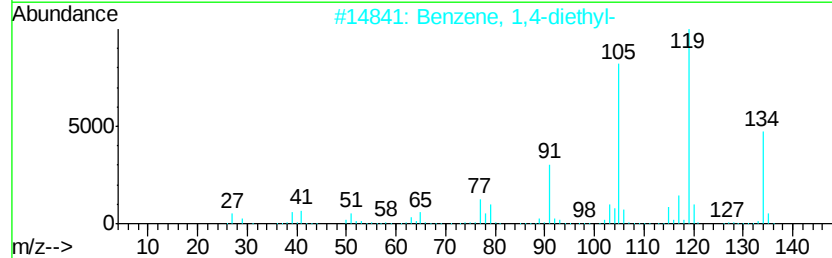
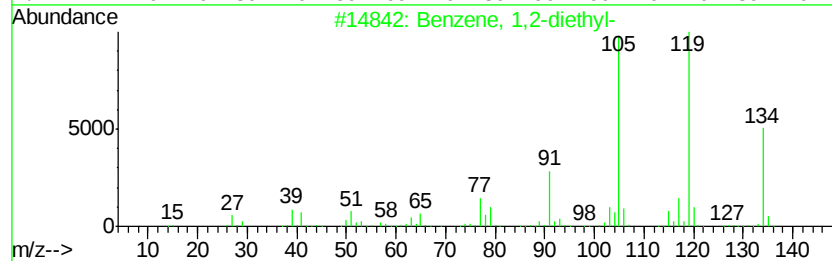
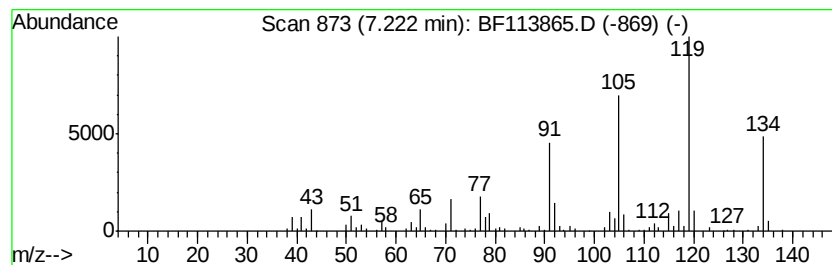
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	5.54 ng	263386	1,4-Dichlorobenzene-d4	6.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5		o-Cymene	134	C10H14	000527-84-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
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Operator : JU/SJ
Sample : K2193-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

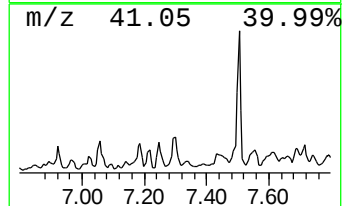
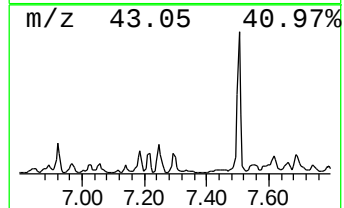
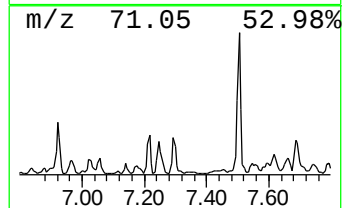
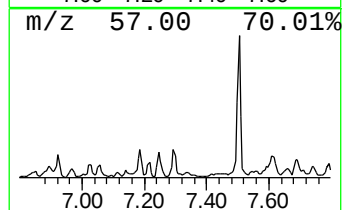
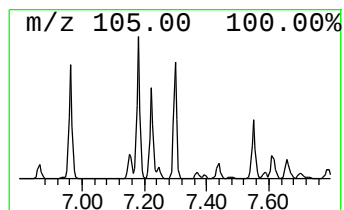
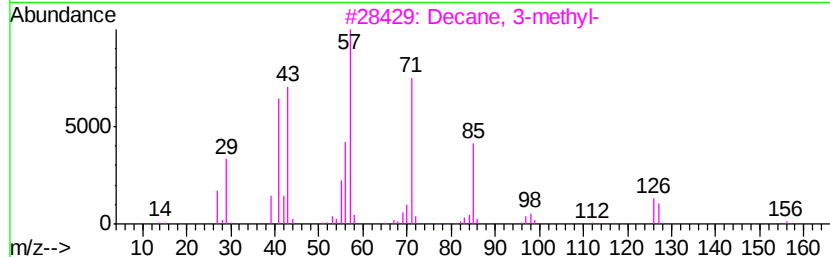
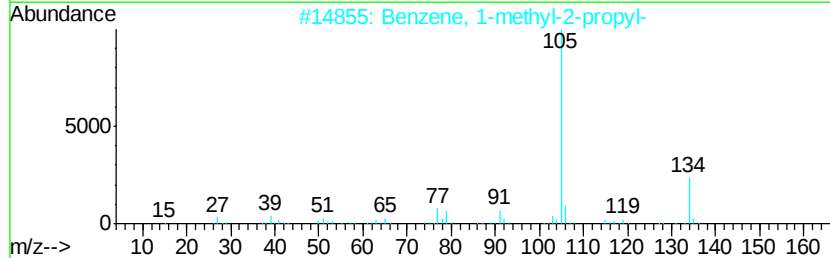
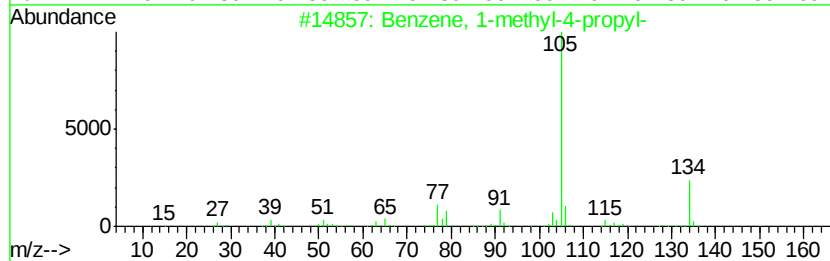
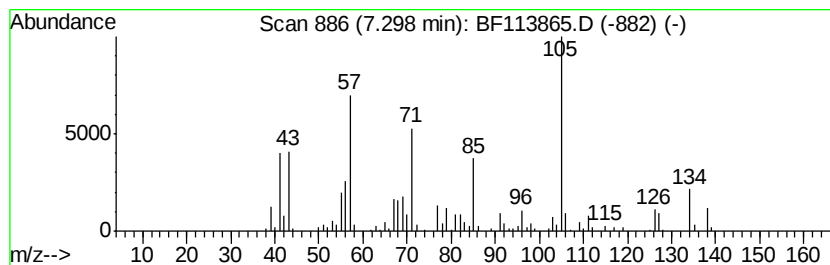
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.30	6.86 ng	326299	1,4-Dichlorobenzene-d4	6.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
3		Decane, 3-methyl-	156	C11H24	013151-34-3	46
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
Acq On : 19 Apr 2019 18:13
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
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Instrument :
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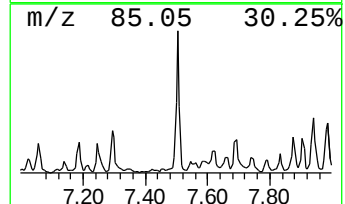
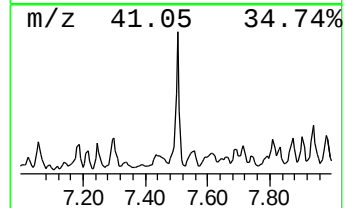
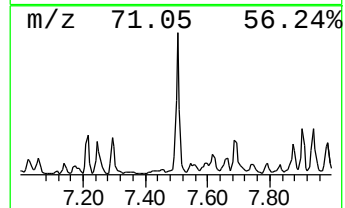
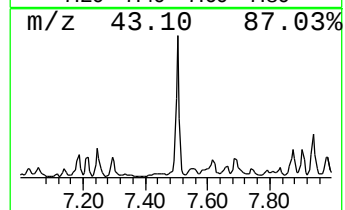
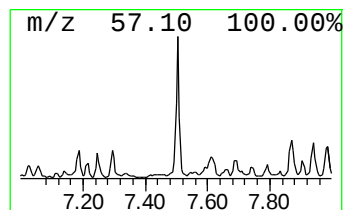
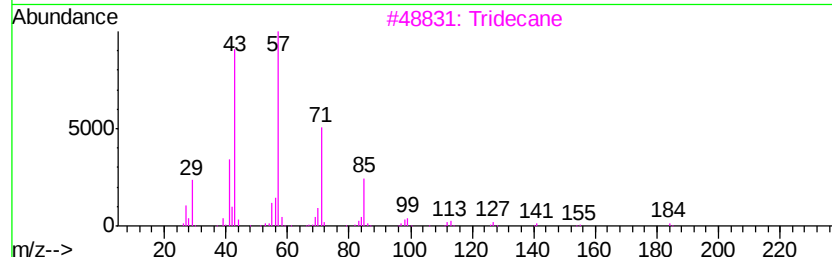
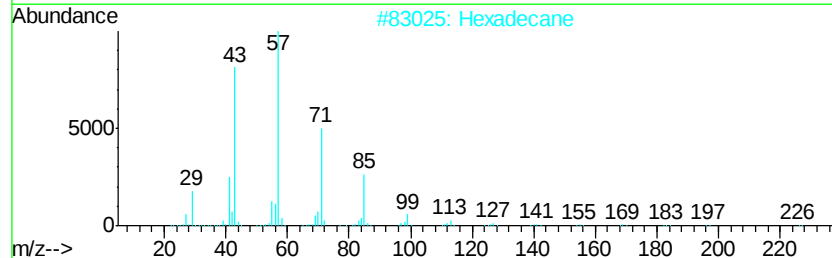
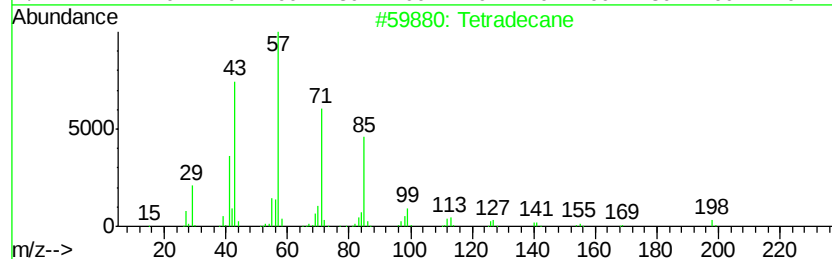
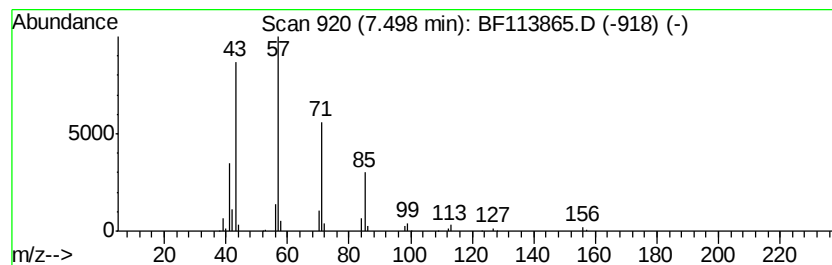
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	14.79 ng	703408	1,4-Dichlorobenzene-d4	6.90

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		Tridecane	184	C13H28	000629-50-5	86
4		Undecane	156	C11H24	001120-21-4	76
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
Acq On : 19 Apr 2019 18:13
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Instrument :
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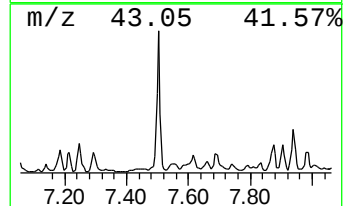
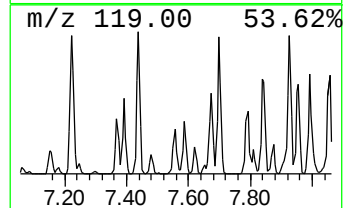
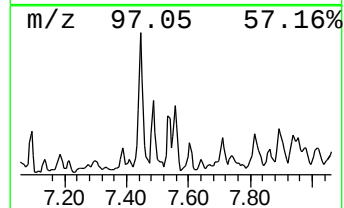
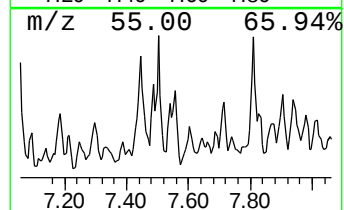
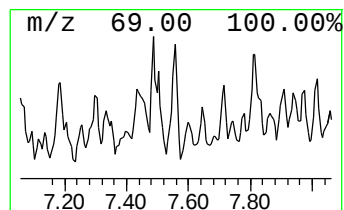
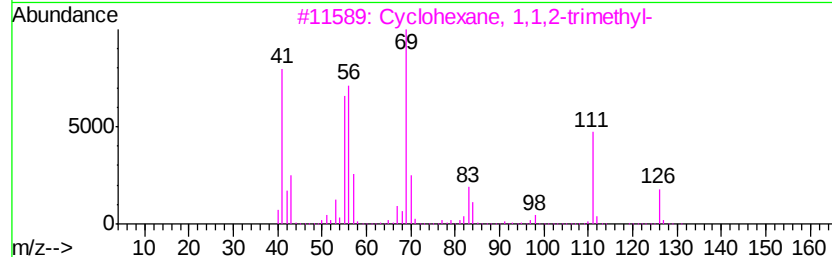
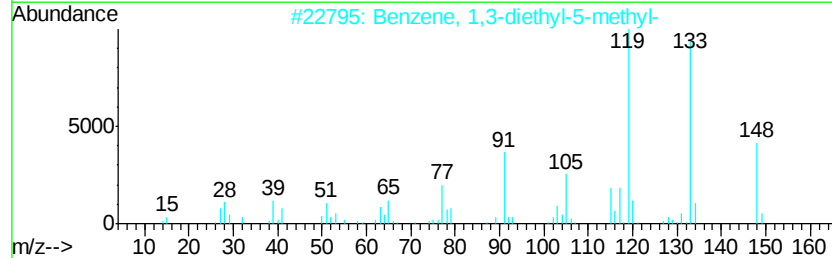
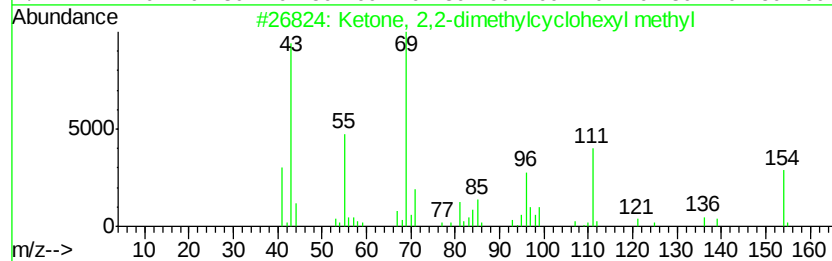
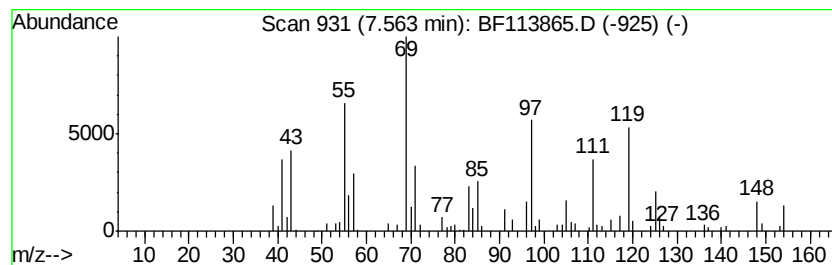
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.56 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	3.28 ng	327041	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	38
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	38
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	20
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	18
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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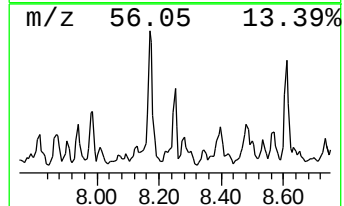
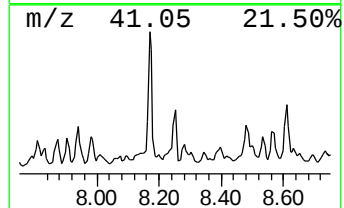
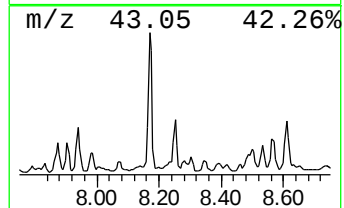
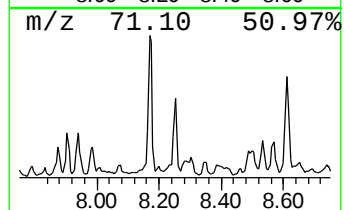
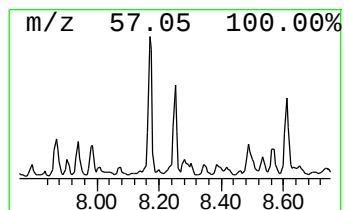
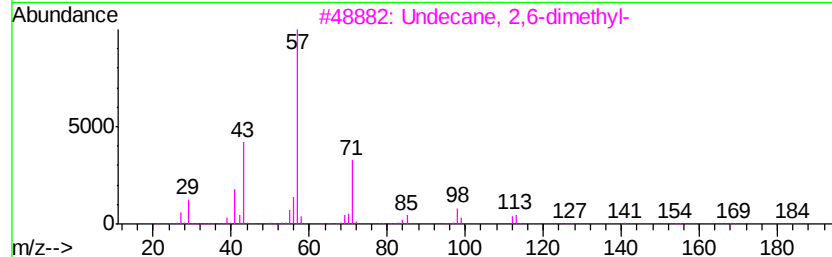
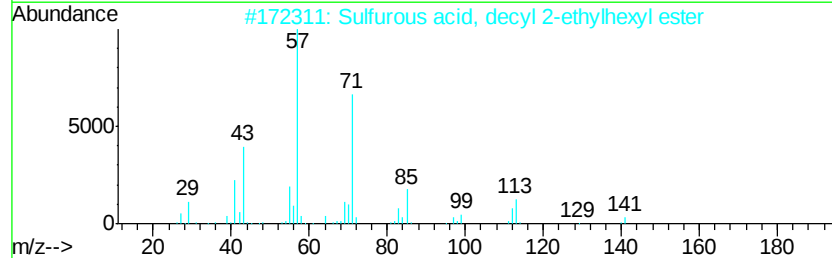
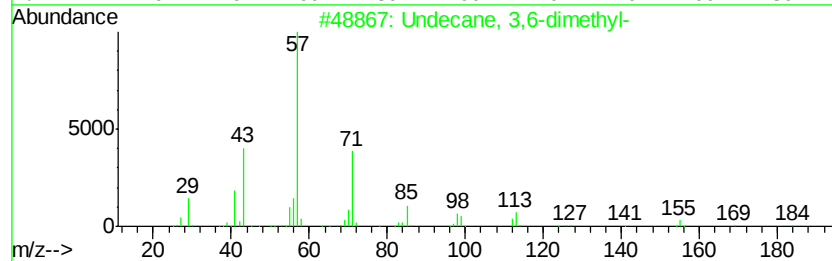
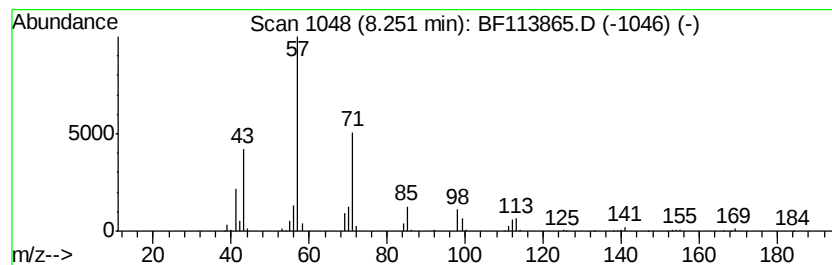
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	3.40 ng	338669	Napthalene-d8	8.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	86
2	Sulfurous acid, decyl 2-ethylhex...	334 C18H38O3S	1000309-19-3	78
3	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	76
4	Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8	64
5	Sulfurous acid, dodecyl 2-ethylh...	362 C20H42O3S	1000309-19-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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Operator : JU/SJ
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
HR-05-041719-C

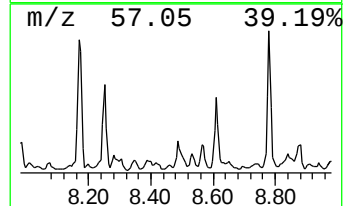
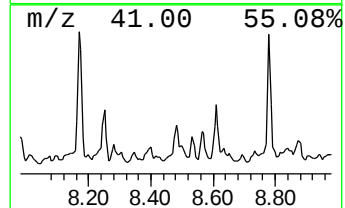
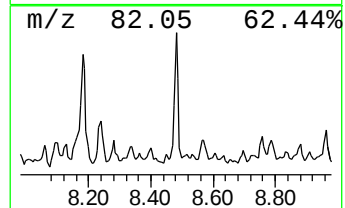
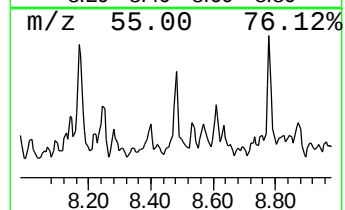
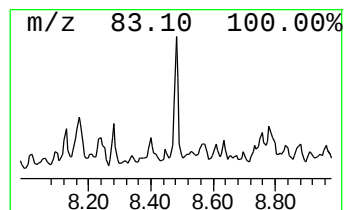
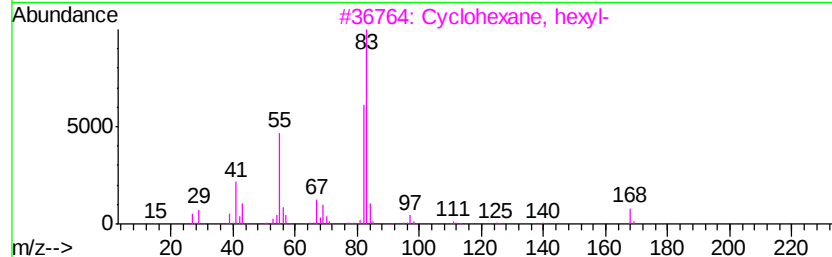
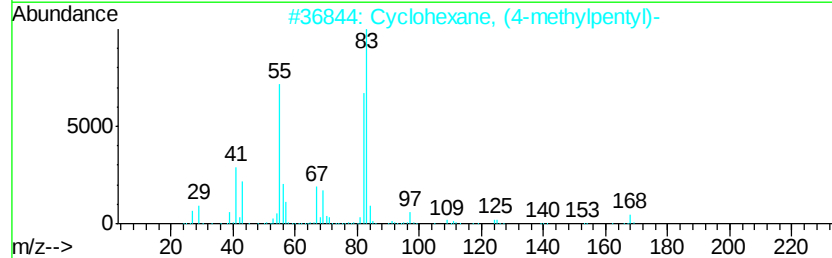
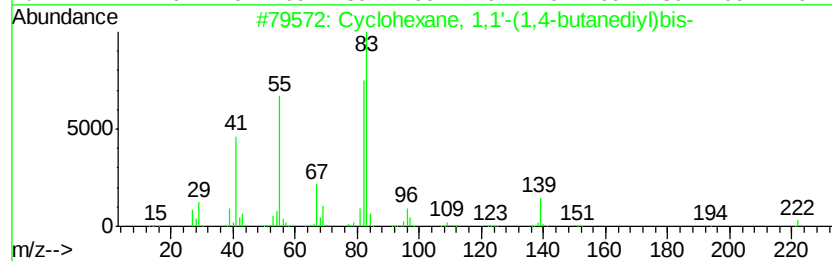
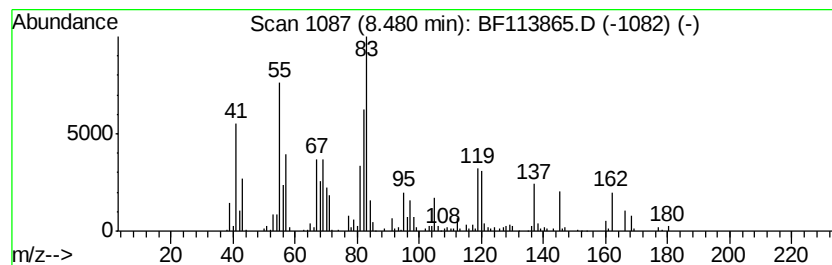
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.40 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	4.57 ng	454945	Naphthalene-d8	8.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	38
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	35
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	35
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
Acq On : 19 Apr 2019 18:13
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
HR-05-041719-C

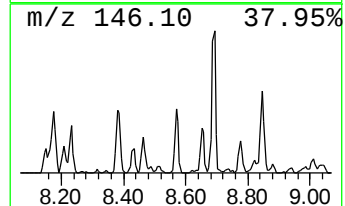
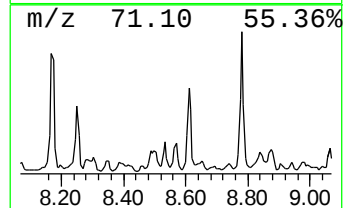
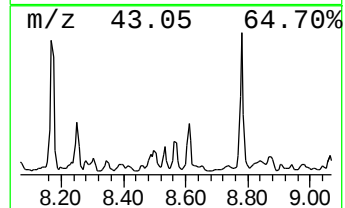
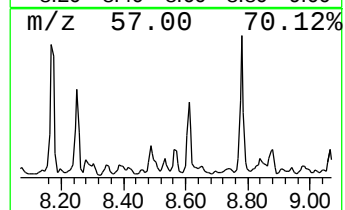
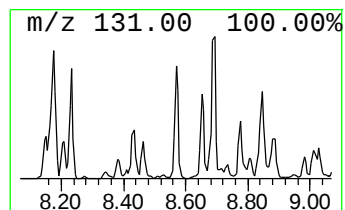
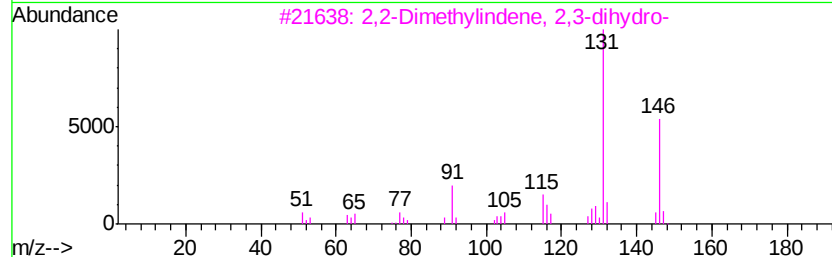
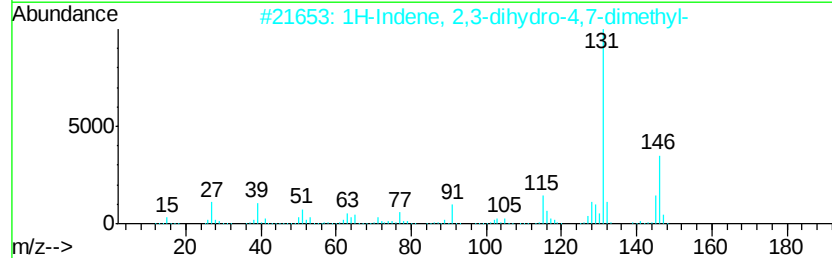
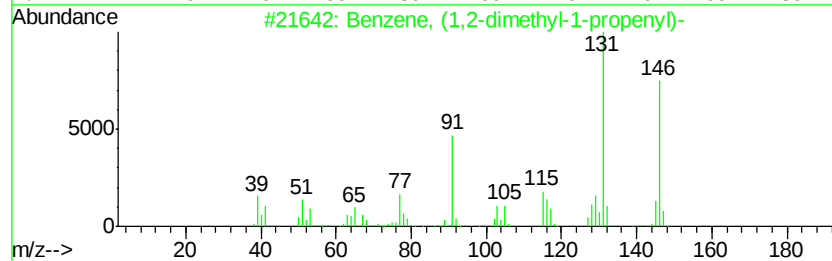
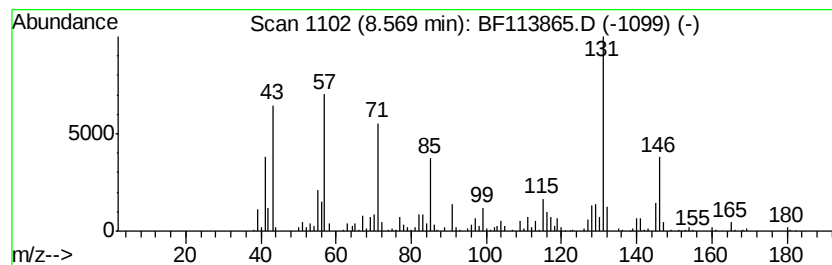
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	3.74 ng	372144	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
3		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
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Sample : K2193-11 5X
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Instrument :
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ClientSampleId :
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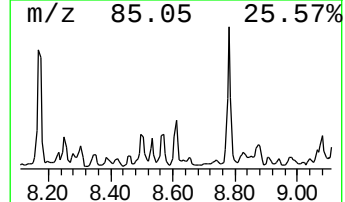
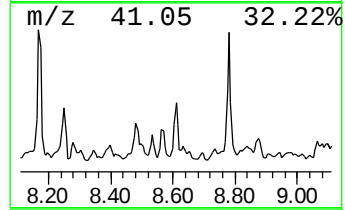
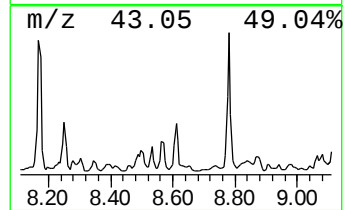
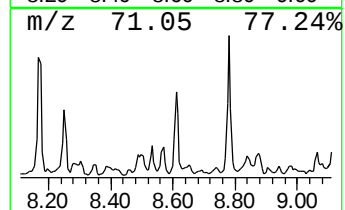
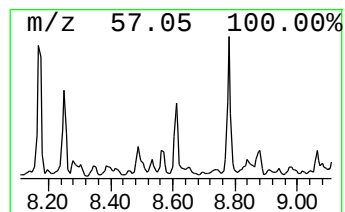
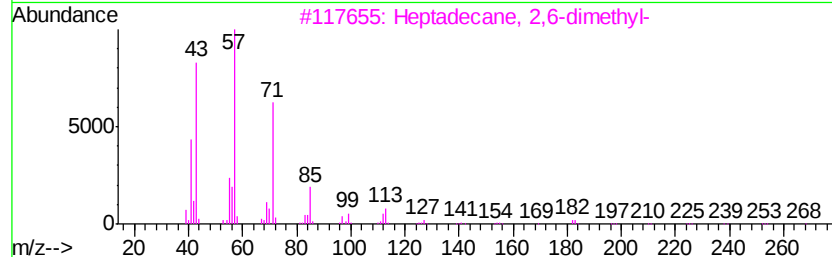
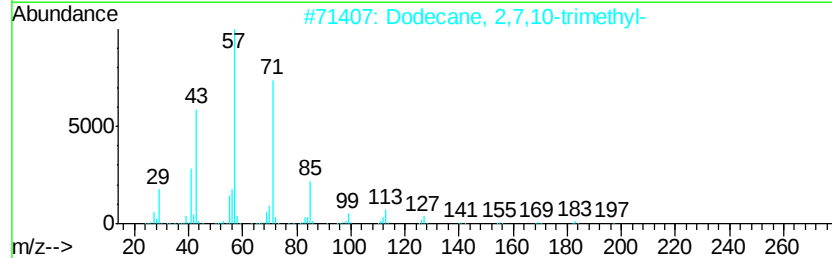
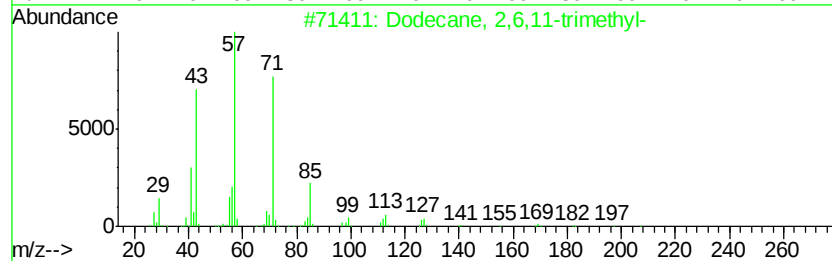
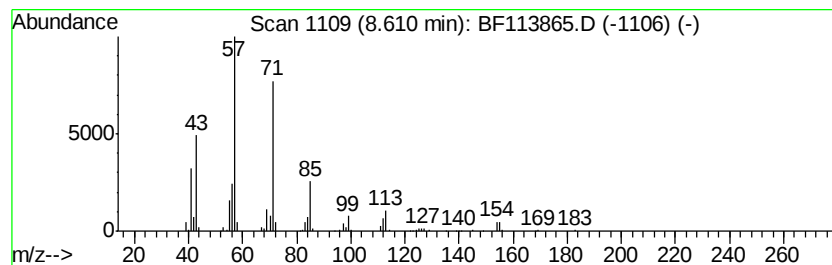
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	3.67 ng	365162	Napthalene-d8	8.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
Acq On : 19 Apr 2019 18:13
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
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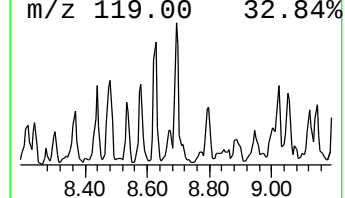
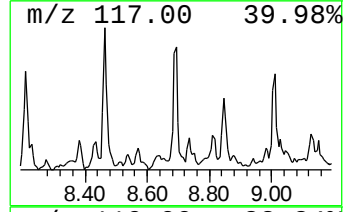
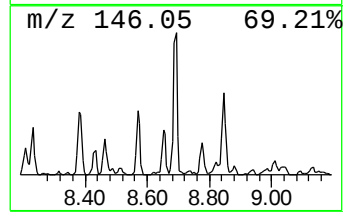
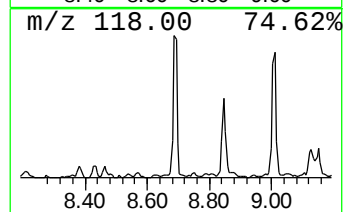
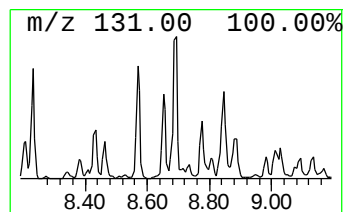
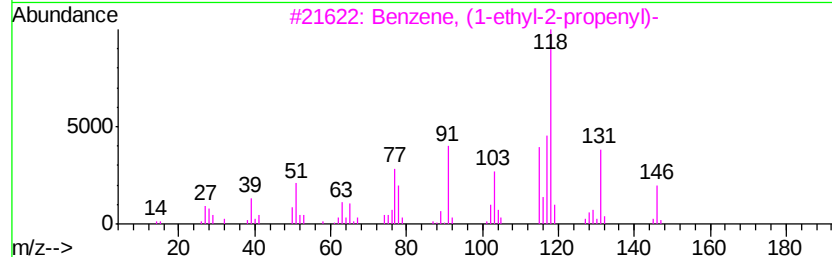
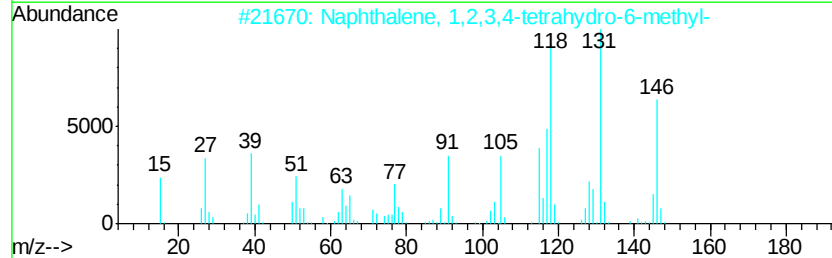
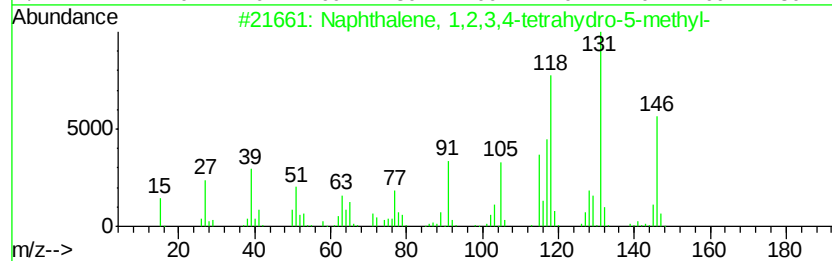
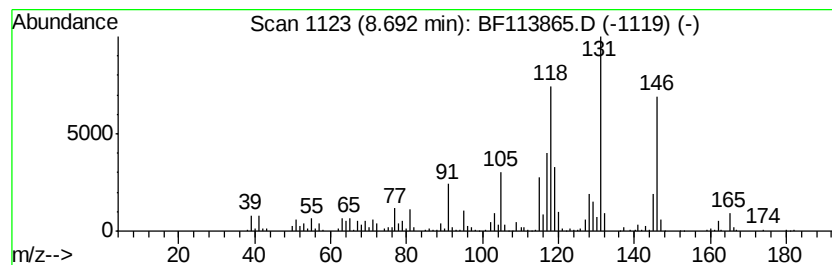
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	3.73 ng	371739	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	70
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	52
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
Acq On : 19 Apr 2019 18:13
Operator : JU/SJ
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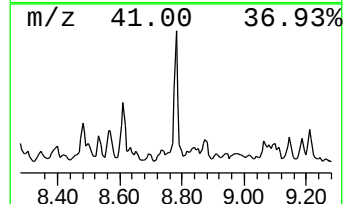
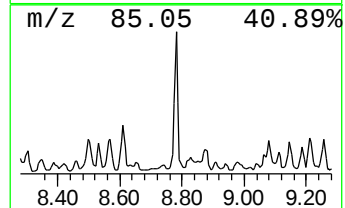
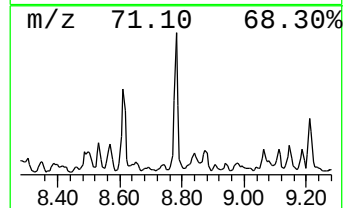
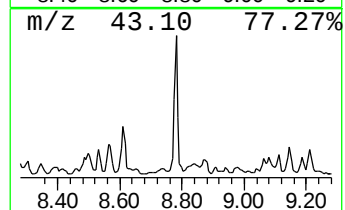
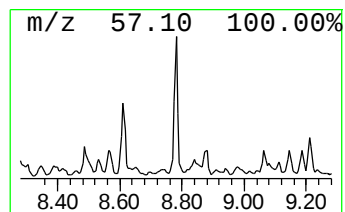
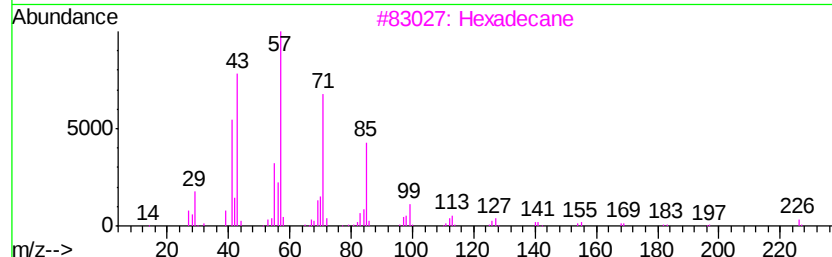
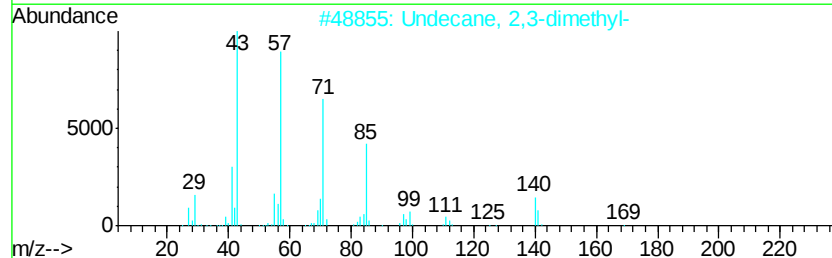
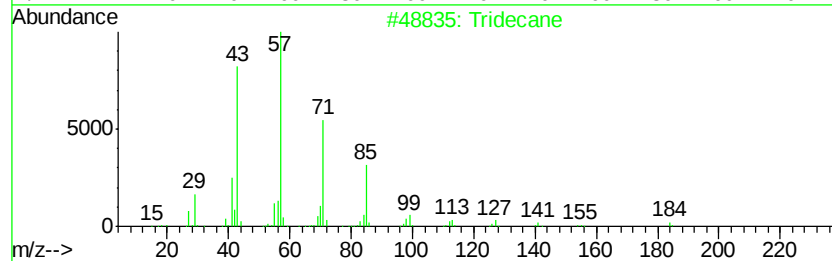
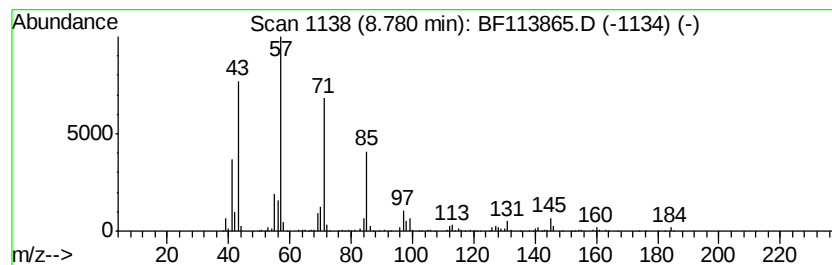
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	8.48 ng	844393	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
3		Hexadecane	226	C16H34	000544-76-3	72
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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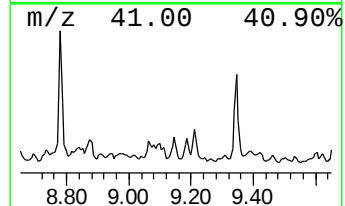
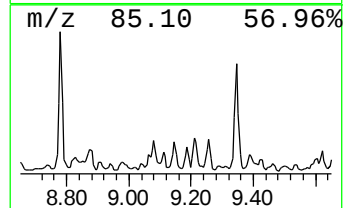
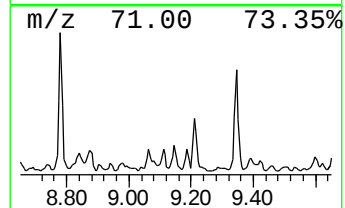
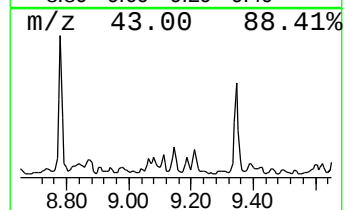
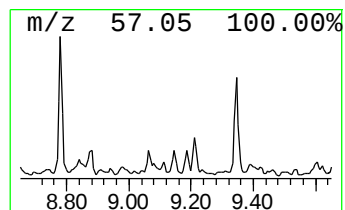
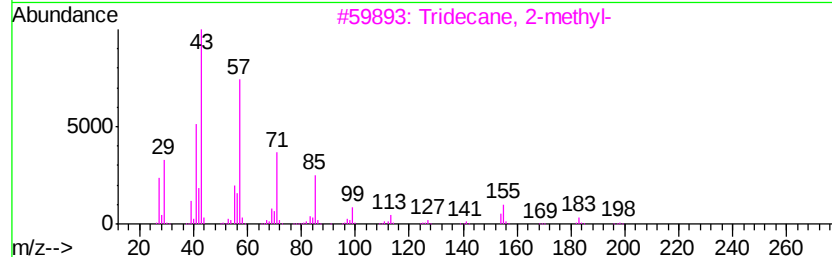
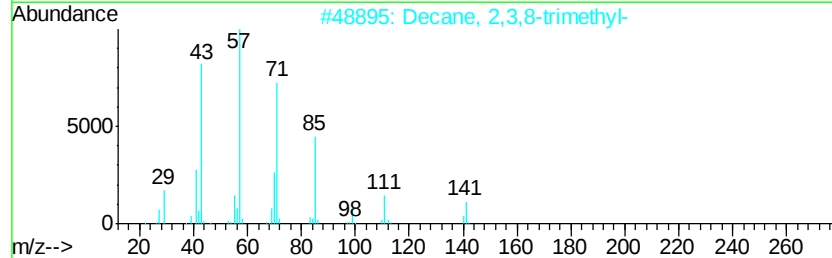
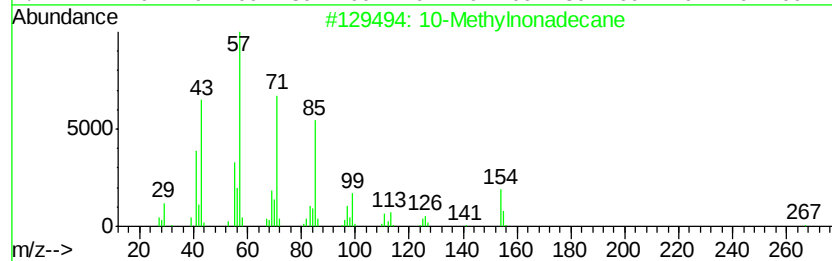
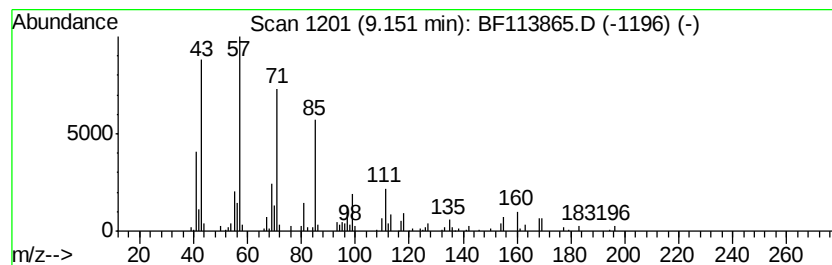
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 10-Methylnonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	4.75 ng	254534	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	10-Methylnonadecane	282 C20H42	056862-62-5	72
2	Decane, 2,3,8-trimethyl-	184 C13H28	062238-14-6	64
3	Tridecane, 2-methyl-	198 C14H30	001560-96-9	64
4	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	59
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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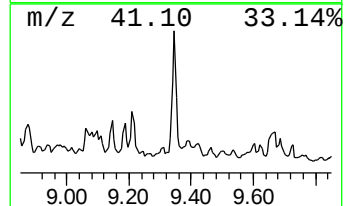
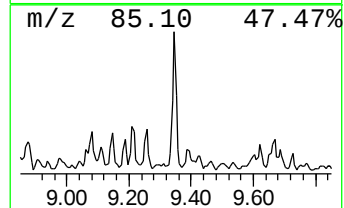
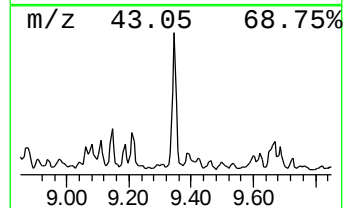
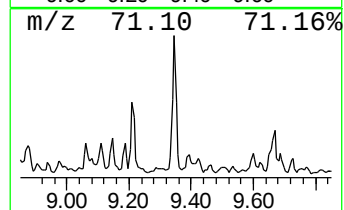
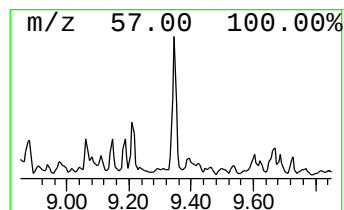
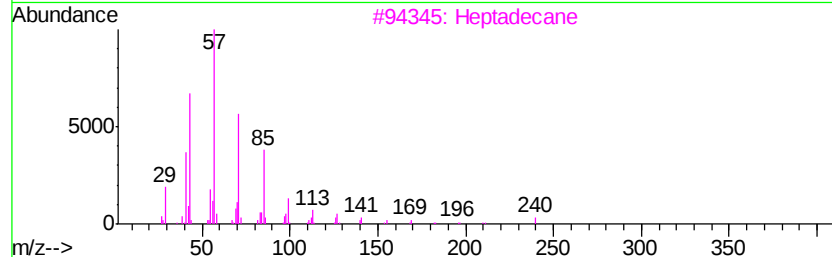
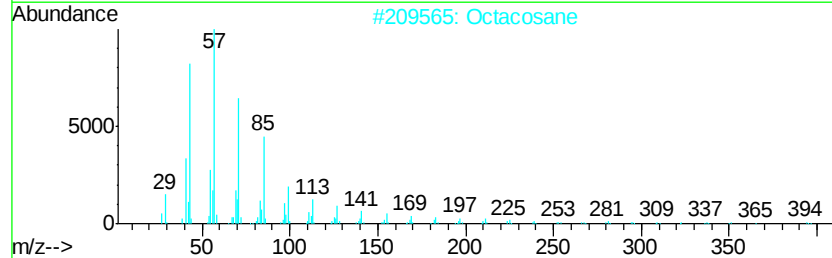
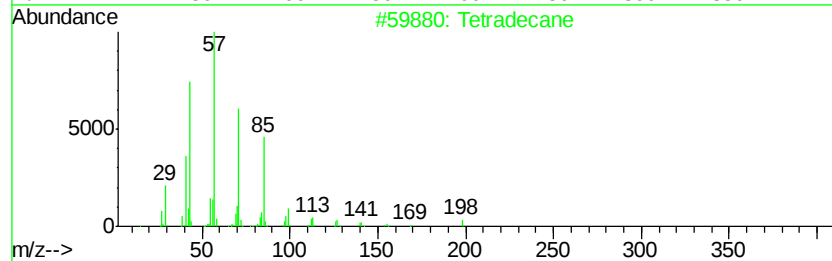
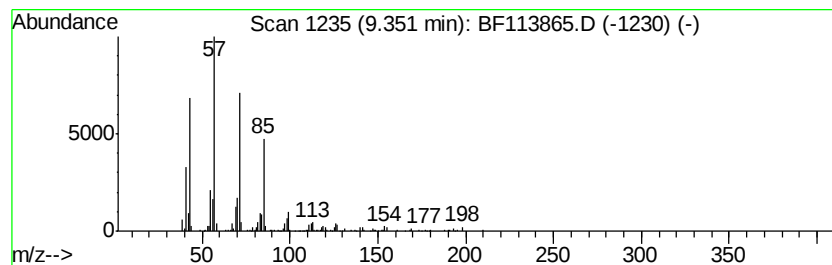
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	11.96 ng	640916	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	86
2			Octacosane	394	C28H58	000630-02-4	72
3			Heptadecane	240	C17H36	000629-78-7	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
Acq On : 19 Apr 2019 18:13
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-C

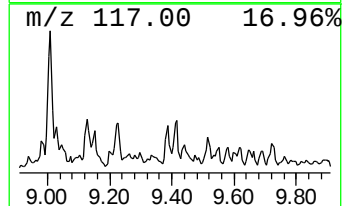
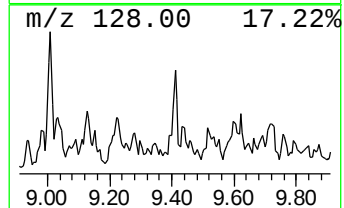
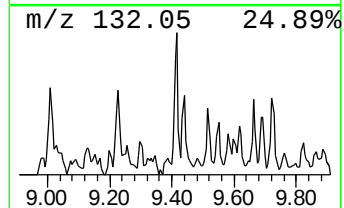
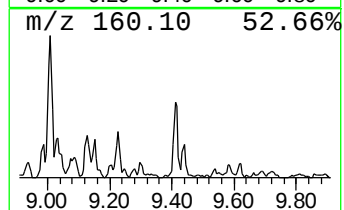
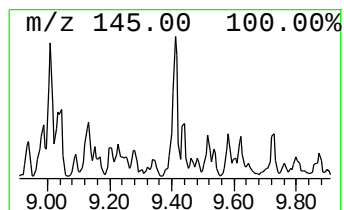
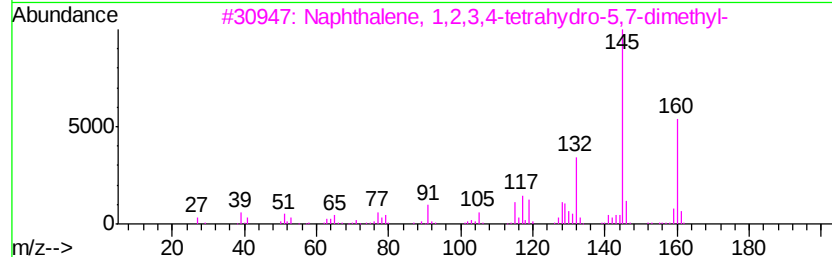
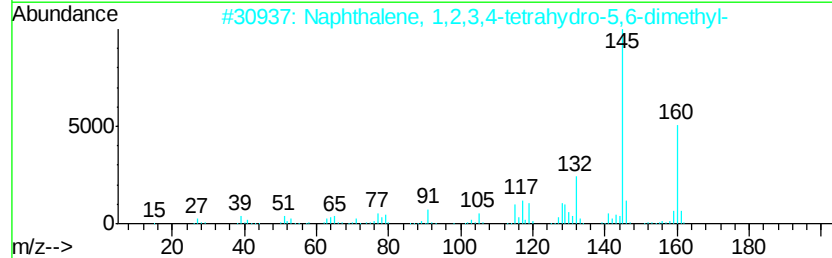
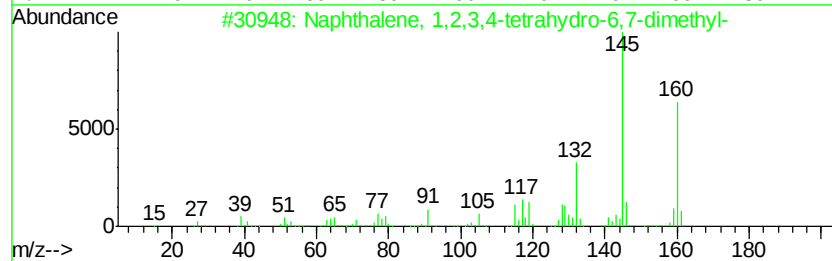
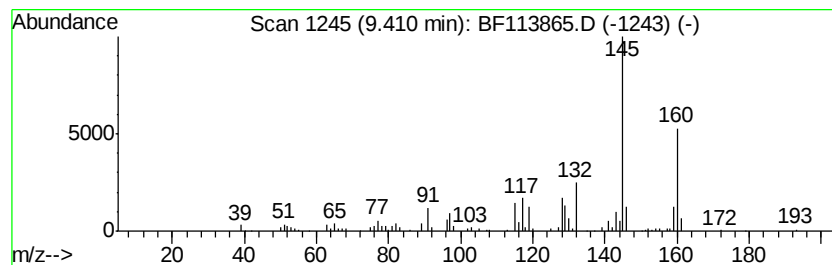
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.87 ng	207602	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
5			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
Acq On : 19 Apr 2019 18:13
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-C

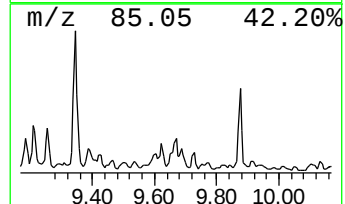
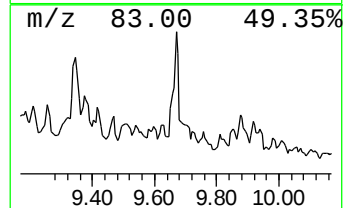
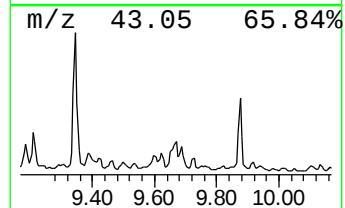
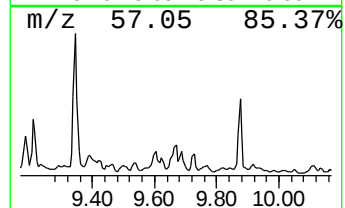
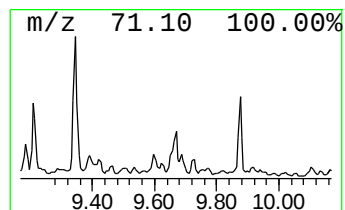
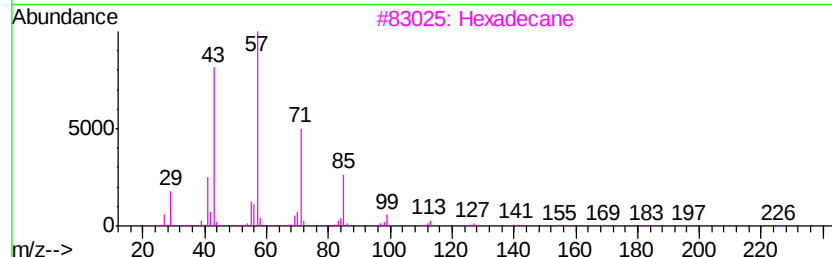
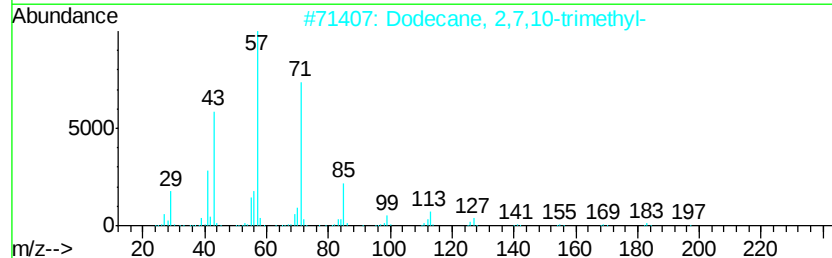
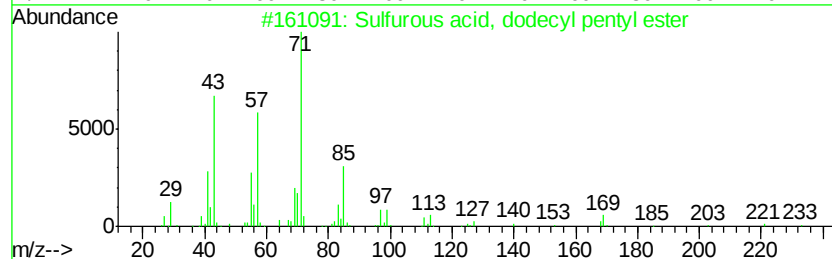
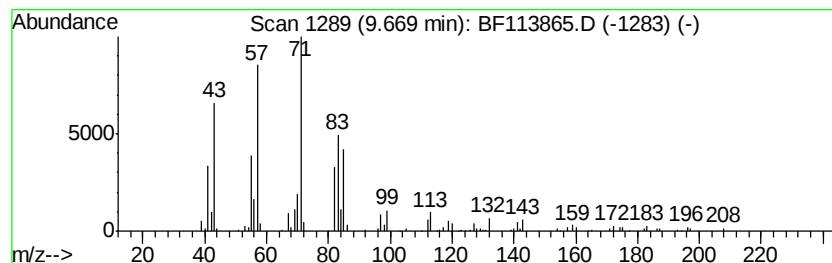
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Sulfurous acid, dodecyl pen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	5.45 ng	292146	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	50
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47
3			Hexadecane	226	C16H34	000544-76-3	47
4			Tetradecane	198	C14H30	000629-59-4	46
5			Nonadecane	268	C19H40	000629-92-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113865.D
Acq On : 19 Apr 2019 18:13
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

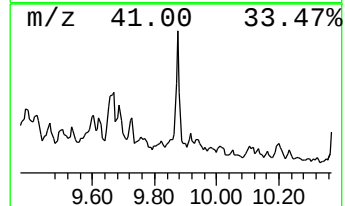
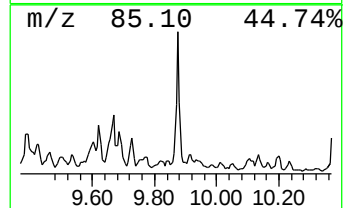
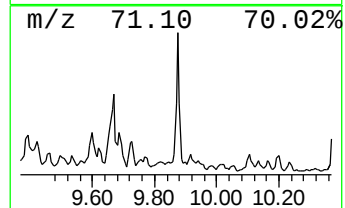
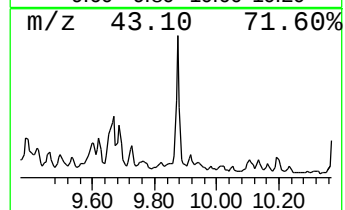
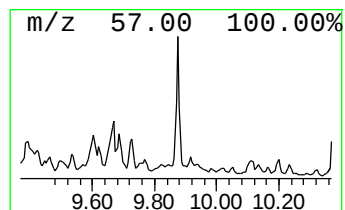
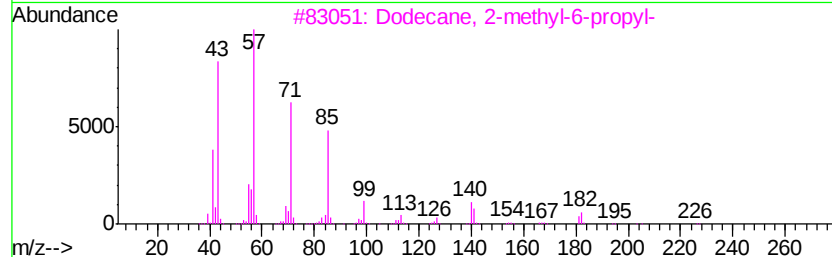
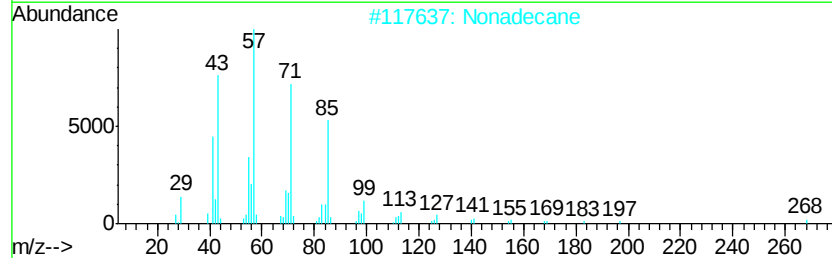
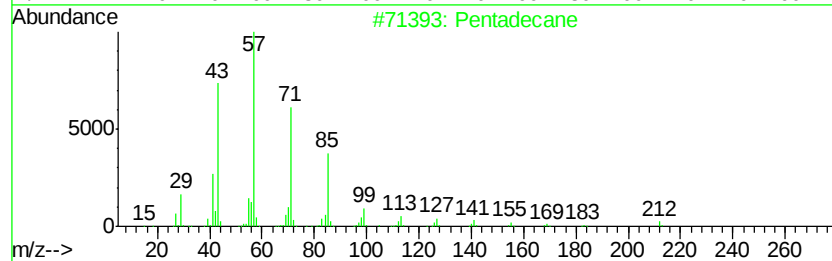
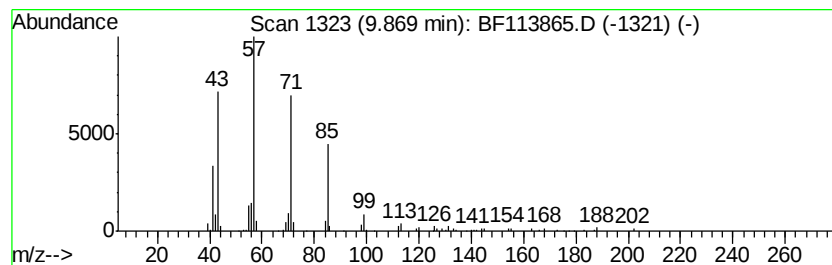
Instrument :
BNA_F
ClientSampleId :
HR-05-041719-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	5.07 ng	271667	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	87
2	Nonadecane	268 C19H40	000629-92-5	86
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	78
4	Hexane, 2,3,4-trimethyl-	128 C9H20	000921-47-1	59
5	Sulfurous acid, 2-ethylhexyl hep...	432 C25H52O3S	1000309-20-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113865.D
 Acq On : 19 Apr 2019 18:13
 Operator : JU/SJ
 Sample : K2193-11 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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
unknown6.67	6.67	17.0	ng	809442	1	6.90	951068	20.0
Decane	6.75	7.7	ng	366751	1	6.90	951068	20.0
Benzene, 1,2,3-tr...	6.96	3.6	ng	171922	1	6.90	951068	20.0
Benzene, 1-methyl...	7.18	5.9	ng	281749	1	6.90	951068	20.0
Benzene, 1,2-diet...	7.22	5.5	ng	263386	1	6.90	951068	20.0
Benzene, 1-methyl...	7.30	6.9	ng	326299	1	6.90	951068	20.0
Tetradecane	7.50	14.8	ng	703408	1	6.90	951068	20.0
unknown7.56	7.56	3.3	ng	327041	2	8.19	1992620	20.0
Undecane, 3,6-dim...	8.25	3.4	ng	338669	2	8.19	1992620	20.0
unknown8.40	8.48	4.6	ng	454945	2	8.19	1992620	20.0
Benzene, (1,2-dim...	8.57	3.7	ng	372144	2	8.19	1992620	20.0
Dodecane, 2,6,11-...	8.61	3.7	ng	365162	2	8.19	1992620	20.0
Naphthalene, 1,2,...	8.69	3.7	ng	371739	2	8.19	1992620	20.0
Tridecane	8.78	8.5	ng	844393	2	8.19	1992620	20.0
10-Methylnonadecane	9.15	4.8	ng	254534	3	9.94	1072110	20.0
Nonane, 5-methyl-...	9.35	12.0	ng	640916	3	9.94	1072110	20.0
Naphthalene, 1,2,...	9.41	3.9	ng	207602	3	9.94	1072110	20.0
Sulfurous acid, d...	9.67	5.5	ng	292146	3	9.94	1072110	20.0
Pentadecane	9.87	5.1	ng	271667	3	9.94	1072110	20.0