

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102178.D
 Acq On : 18 Jan 2018 5:02
 Operator : SJ/JU
 Sample : J1144-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-5

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:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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	3.310	190	208	214	rBV	582707	1572420	12.34%	0.507%
2	3.463	221	234	241	rBV	631423	1413549	11.10%	0.456%
3	3.675	261	270	279	rVB2	796779	1881487	14.77%	0.607%
4	3.828	288	296	303	rVB	966607	1852339	14.54%	0.598%
5	3.987	311	323	327	rBV	1121321	1909330	14.99%	0.616%
6	4.322	375	380	386	rVB3	603554	1101567	8.65%	0.355%
7	4.440	392	400	404	rBV3	667924	1020575	8.01%	0.329%
8	4.840	465	468	477	rVB2	1602155	2473126	19.41%	0.798%
9	5.034	495	501	506	rVB4	474277	959814	7.53%	0.310%
10	5.116	510	515	518	rBV2	1530215	2082175	16.34%	0.672%
11	5.145	518	520	525	rVB3	856410	1336132	10.49%	0.431%
12	5.210	528	531	533	rVV	1363689	1412050	11.08%	0.456%
13	5.234	533	535	538	rVB	2007121	1883398	14.78%	0.608%
14	5.316	545	549	550	rBV	2955310	3370601	26.46%	1.087%
15	5.334	550	552	554	rVB	3393294	2577940	20.23%	0.832%
16	5.381	554	560	562	rBV	962973	1385104	10.87%	0.447%
17	5.492	574	579	583	rBV	1474054	2222841	17.45%	0.717%
18	5.587	588	595	600	rBV5	2099194	4305043	33.79%	1.389%
19	5.628	600	602	608	rVB2	1457399	1684430	13.22%	0.543%
20	5.698	608	614	617	rBV4	818890	1732293	13.60%	0.559%
21	5.745	617	622	625	rVB3	1220017	1764507	13.85%	0.569%
22	5.781	625	628	631	rBV2	1598869	2145975	16.84%	0.692%
23	5.810	631	633	636	rVB	1683103	1682758	13.21%	0.543%
24	5.875	636	644	645	rBV5	2138140	3448519	27.07%	1.112%
25	5.922	649	652	657	rVB	1786056	1926175	15.12%	0.621%
26	5.975	657	661	663	rBV2	3691928	3960775	31.09%	1.278%
27	6.169	689	694	695	rBV3	2862599	4102732	32.20%	1.324%
28	6.187	695	697	699	rVV	3830309	3599206	28.25%	1.161%
29	6.228	699	704	707	rVB3	3223504	5019946	39.40%	1.619%
30	6.263	707	710	712	rBV2	2506651	2378473	18.67%	0.767%
31	6.322	716	720	722	rBV	2729325	2412380	18.93%	0.778%
32	6.363	722	727	731	rVB3	2847742	4534087	35.59%	1.463%
33	6.416	731	736	741	rVB3	1729136	2850069	22.37%	0.919%
34	6.498	741	750	753	rBV2	4120928	7378216	57.91%	2.380%

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35	6.563	757	761	763	rBV4	1469862	1872313	14.70%	0.604%
36	6.669	775	779	780	rBV3	1309225	1688274	13.25%	0.545%
37	6.745	790	792	796	rVB	2408884	2518222	19.77%	0.812%
38	6.787	796	799	802	rVB2	1478022	1549651	12.16%	0.500%
39	6.822	802	805	807	rBV3	846560	1049939	8.24%	0.339%
40	6.881	812	815	818	rBV4	2827328	3524876	27.67%	1.137%
41	6.910	818	820	823	rVB	3907205	3817807	29.97%	1.232%
42	6.981	825	832	834	rBV	3533208	5060458	39.72%	1.632%
43	7.010	834	837	840	rVB	1620592	1742655	13.68%	0.562%
44	7.057	840	845	847	rBV2	3150070	4437124	34.83%	1.431%
45	7.128	852	857	860	rBV2	3100145	3940214	30.93%	1.271%
46	7.204	867	870	875	rVB3	883649	1052088	8.26%	0.339%
47	7.281	875	883	885	rBV2	6089105	10339958	81.16%	3.336%
48	7.304	885	887	891	rVV4	3553821	4062578	31.89%	1.311%
49	7.381	894	900	903	rVB4	2841782	4503341	35.35%	1.453%
50	7.422	903	907	909	rBV4	1113964	1519108	11.92%	0.490%
51	7.510	916	922	924	rBV	3327558	4889632	38.38%	1.577%
52	7.539	925	927	931	rVB3	2768010	3450743	27.09%	1.113%
53	7.628	938	942	944	rBV	2293268	3005707	23.59%	0.970%
54	7.698	951	954	959	rVB3	3904031	6283613	49.32%	2.027%
55	7.769	959	966	973	rVV6	5213646	12740373	100.00%	4.110%
56	7.822	973	975	977	rVV	1626895	1545423	12.13%	0.499%
57	7.845	977	979	980	rVV2	2561849	2305643	18.10%	0.744%
58	7.869	981	983	985	rVV	4292173	4007100	31.45%	1.293%
59	7.892	985	987	991	rVB	2131063	2019017	15.85%	0.651%
60	7.928	991	993	996	rVB2	1324027	1087691	8.54%	0.351%
61	7.986	997	1003	1005	rBV6	2813462	4857135	38.12%	1.567%
62	8.022	1005	1009	1011	rVV2	4523627	7275609	57.11%	2.347%
63	8.045	1011	1013	1016	rVV2	4841425	6701047	52.60%	2.162%
64	8.075	1016	1018	1020	rVV	4100117	4724033	37.08%	1.524%
65	8.116	1023	1025	1028	rVV2	2586074	2566788	20.15%	0.828%
66	8.228	1041	1044	1047	rVB2	3717202	3746391	29.41%	1.209%
67	8.269	1049	1051	1054	rVV2	1816992	2113104	16.59%	0.682%
68	8.304	1054	1057	1063	rVV5	2746891	5170950	40.59%	1.668%
69	8.381	1067	1070	1072	rBV3	2191504	2112622	16.58%	0.682%
70	8.416	1072	1076	1078	rVB	3138828	3256821	25.56%	1.051%
71	8.463	1078	1084	1086	rBV2	3082014	4811682	37.77%	1.552%

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72	8.545	1093	1098	1100	rBV	3778530	5418287	42.53%	1.748%
73	8.622	1108	1111	1113	rBV2	1718564	2007140	15.75%	0.647%
74	8.786	1136	1139	1141	rBV3	945356	1194373	9.37%	0.385%
75	8.851	1147	1150	1156	rVB4	2422964	4283543	33.62%	1.382%
76	9.057	1178	1185	1191	rBV6	3081719	7886733	61.90%	2.544%
77	9.104	1191	1193	1198	rVB4	1888165	1982649	15.56%	0.640%
78	9.145	1198	1200	1203	rVB2	1410000	1172893	9.21%	0.378%
79	9.186	1204	1207	1209	rBV4	1443258	1748658	13.73%	0.564%
80	9.380	1234	1240	1243	rVB3	2622511	4936029	38.74%	1.592%
81	9.451	1246	1252	1255	rBV5	2749739	5816121	45.65%	1.876%
82	9.539	1265	1267	1269	rBV2	1590525	1322683	10.38%	0.427%
83	9.569	1270	1272	1276	rVB4	1803939	2089158	16.40%	0.674%
84	9.651	1283	1286	1290	rVB4	1408364	1791680	14.06%	0.578%
85	9.769	1302	1306	1311	rBV7	2062396	4146236	32.54%	1.338%
86	9.828	1311	1316	1317	rBV3	1267644	1876236	14.73%	0.605%
87	9.892	1324	1327	1332	rVB3	2021236	2708359	21.26%	0.874%
88	10.039	1349	1352	1360	rVB5	2483868	5327154	41.81%	1.719%
89	10.110	1360	1364	1367	rBV3	2127379	3921972	30.78%	1.265%
90	10.198	1376	1379	1380	rBV2	1265125	1284145	10.08%	0.414%
91	10.327	1398	1401	1403	rBV2	1530989	1674168	13.14%	0.540%
92	10.710	1461	1466	1471	rBV2	3453221	5563228	43.67%	1.795%
93	10.910	1498	1500	1503	rVB3	1730922	1565974	12.29%	0.505%
94	11.169	1539	1544	1549	rVB	3473810	5197275	40.79%	1.677%
95	11.504	1599	1601	1604	rVB2	1490264	1338122	10.50%	0.432%
96	11.786	1647	1649	1652	rVB	1261686	1091300	8.57%	0.352%
97	11.892	1665	1667	1670	rVB2	1140986	995532	7.81%	0.321%
98	12.227	1721	1724	1727	rBV	1136967	1097169	8.61%	0.354%
99	12.298	1733	1736	1739	rVB2	1047213	1233218	9.68%	0.398%
100	12.827	1822	1826	1834	rVB	2168762	2587245	20.31%	0.835%

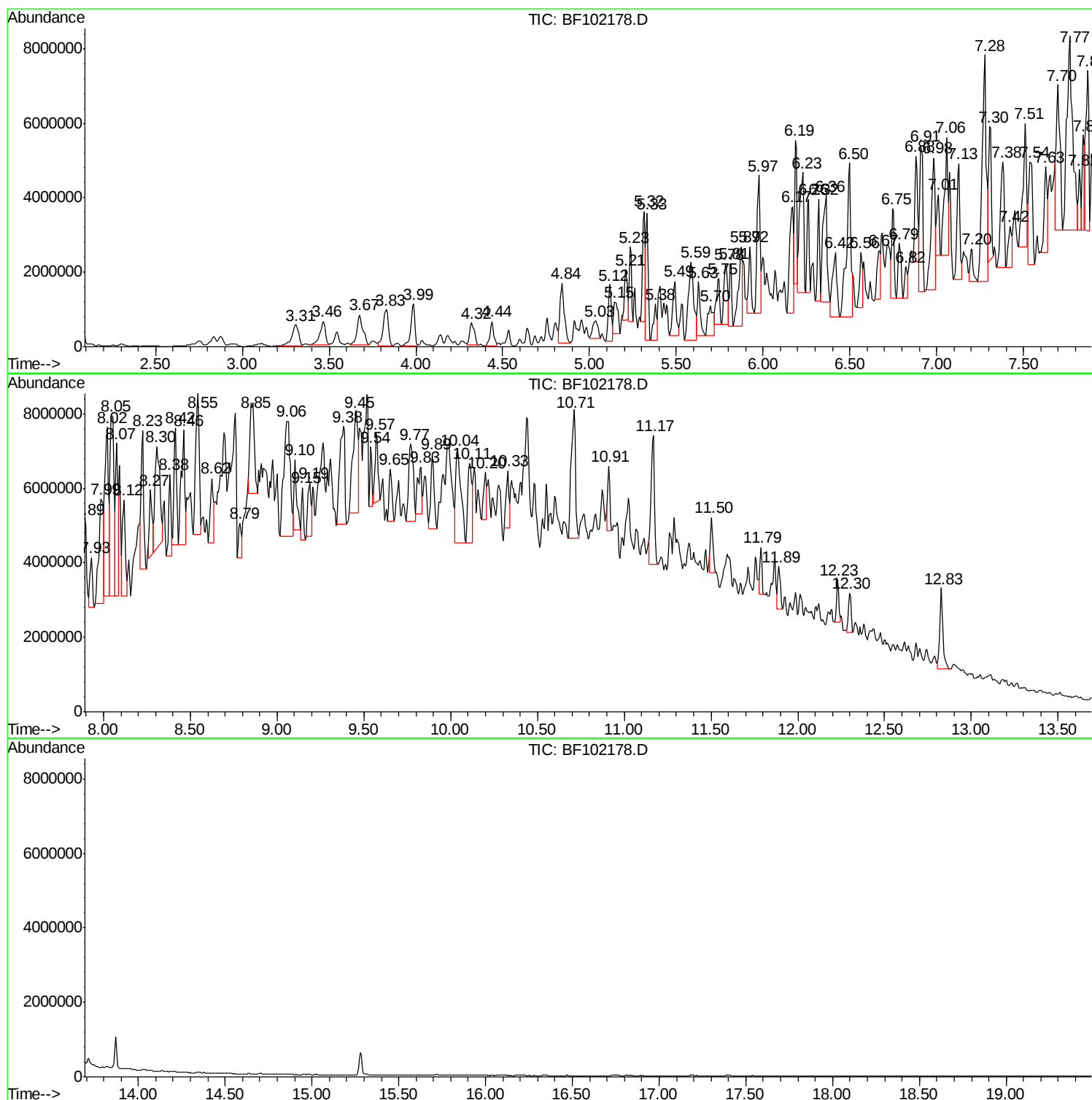
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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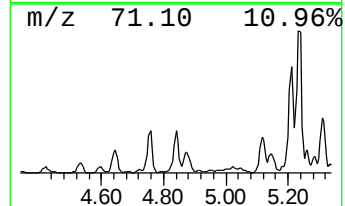
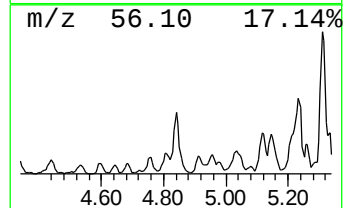
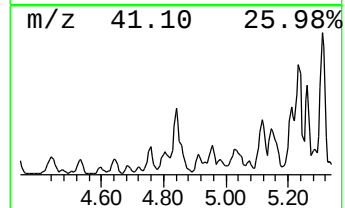
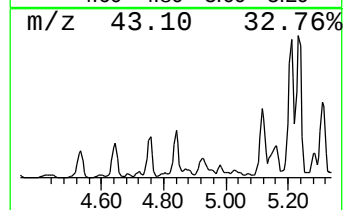
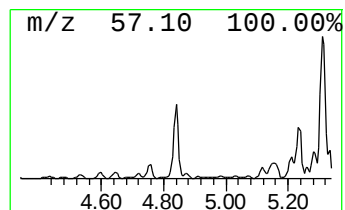
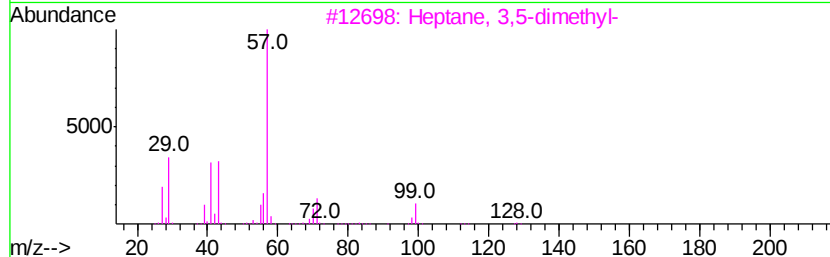
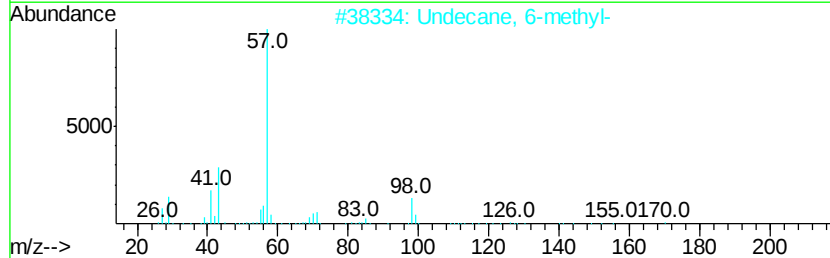
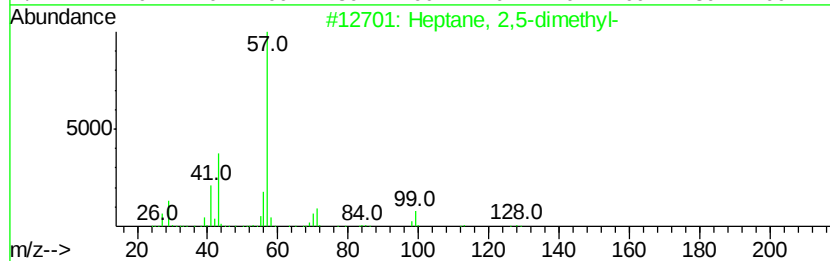
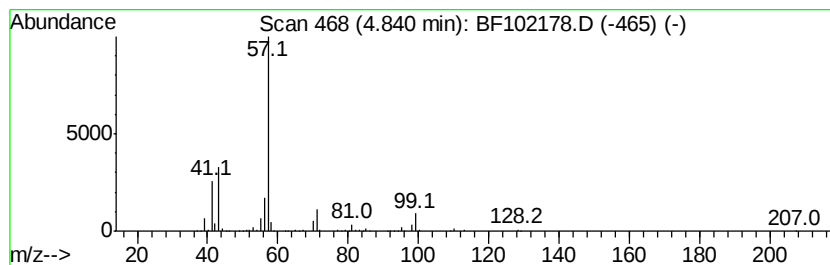
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	19.64 ng	2473130	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
2			Undecane, 6-methyl-	170	C12H26	017302-33-9	64
3			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
4			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	64
5			Octane, 3-methyl-	128	C9H20	002216-33-3	64



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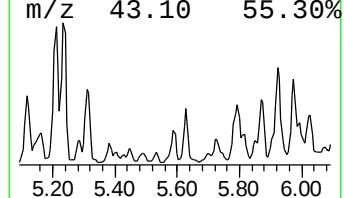
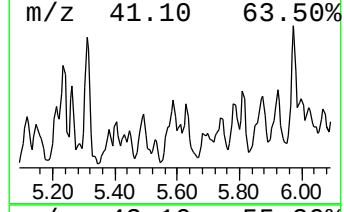
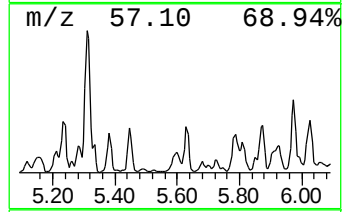
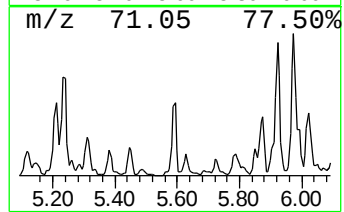
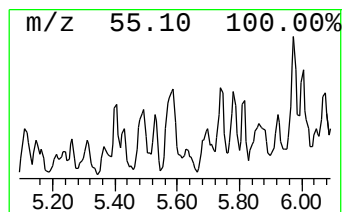
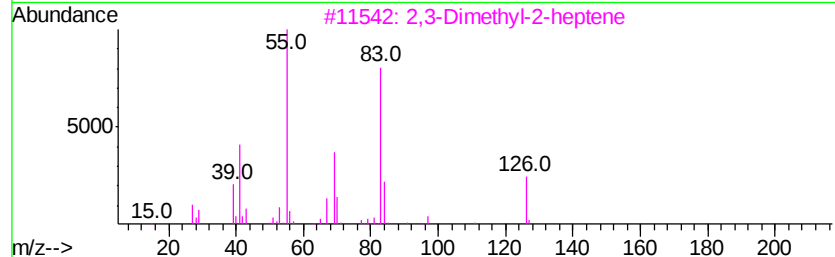
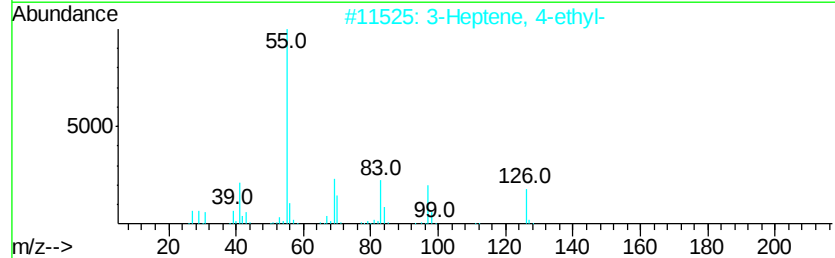
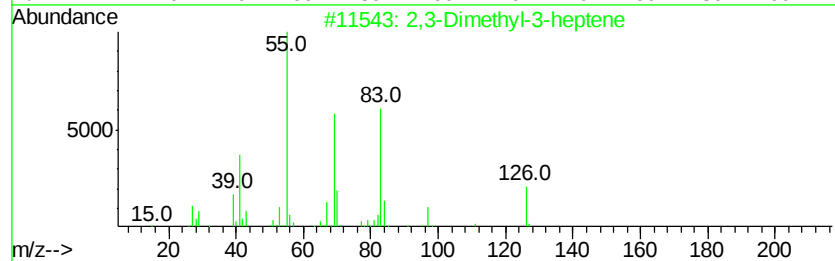
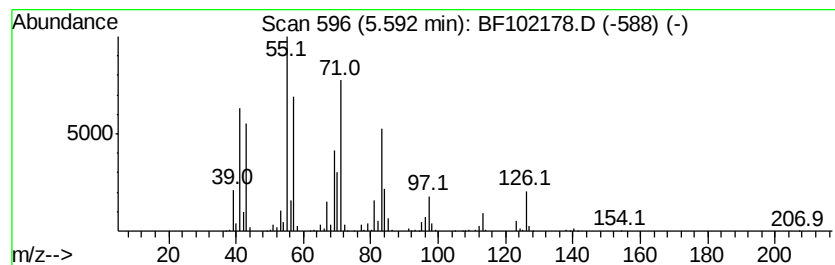
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2,3-Dimethyl-3-heptene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	34.19 ng	4305040	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	50
2		3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	49
3		2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	49
4		Cyclohexanone, 4-ethyl-	126	C8H14O	005441-51-0	46
5		3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	38



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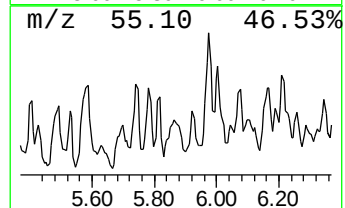
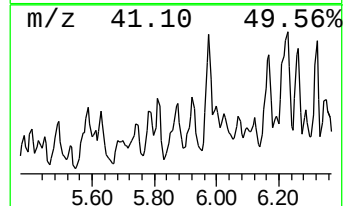
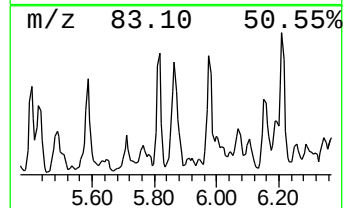
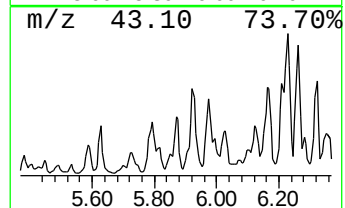
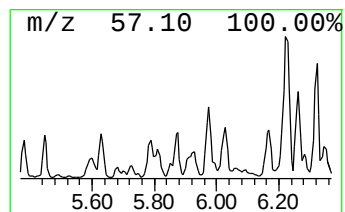
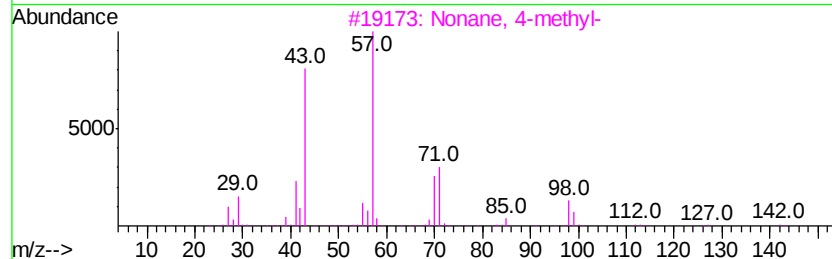
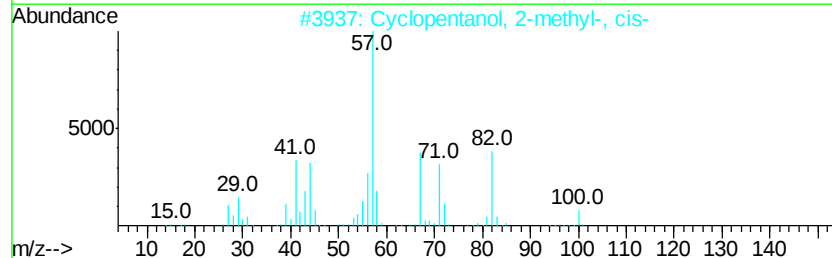
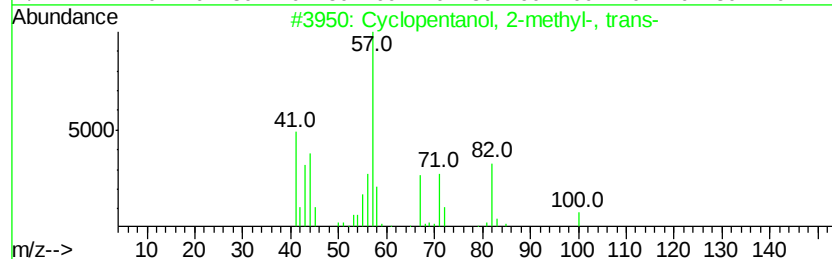
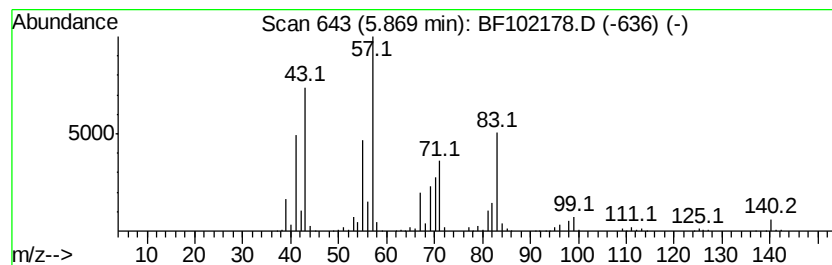
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Peak Number 3 unknown5.87 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	27.39 ng	3448520	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanol, 2-methyl-, trans-	100	C6H12O	025144-04-1	43
2		Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	43
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	41
4		2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	35
5		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	35



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102178.D
Acq On : 18 Jan 2018 5:02
Operator : SJ/JU
Sample : J1144-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

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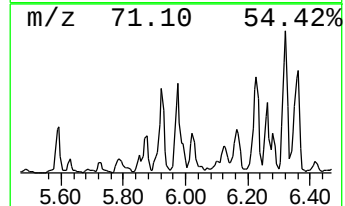
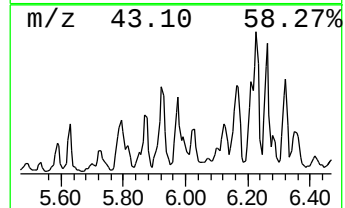
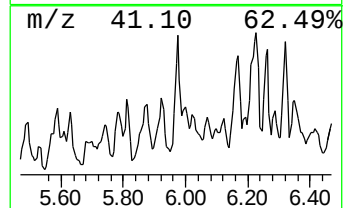
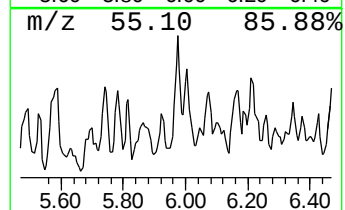
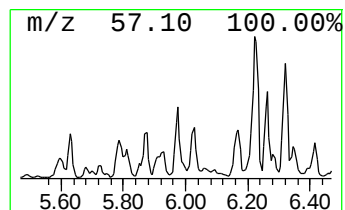
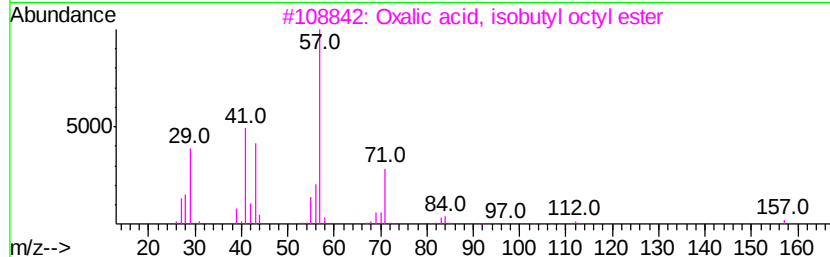
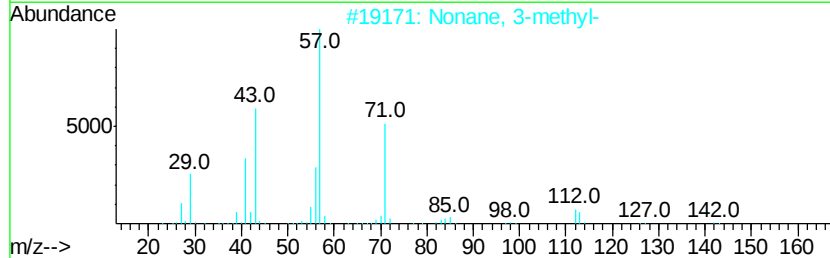
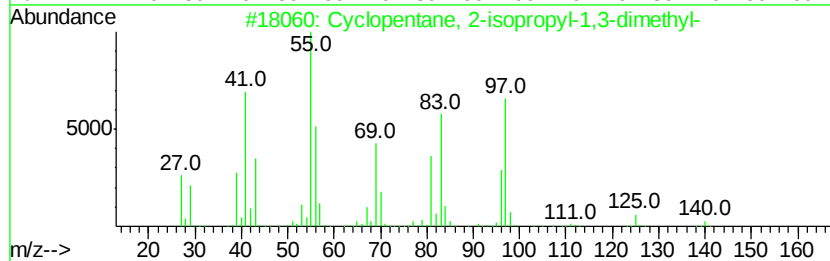
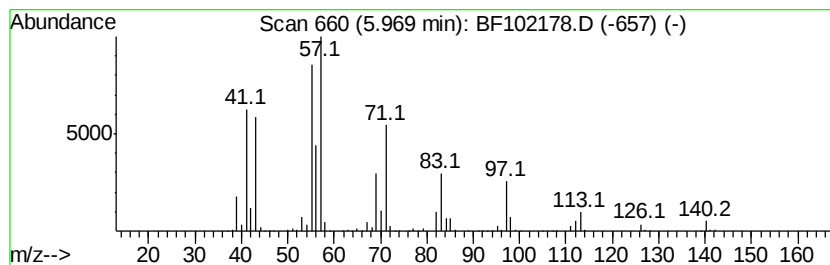
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown5.97 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	31.46 ng	3960780	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	46
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	35
4		3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	30
5		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	27



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102178.D
Acq On : 18 Jan 2018 5:02
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ClientSampled :
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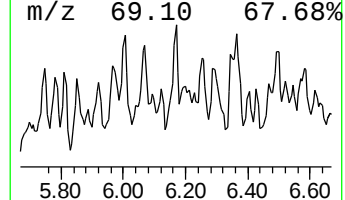
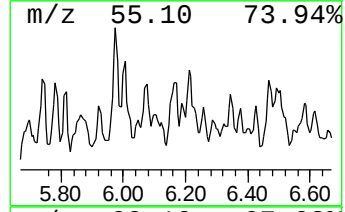
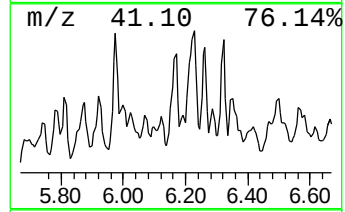
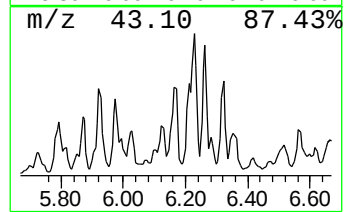
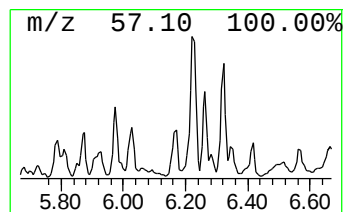
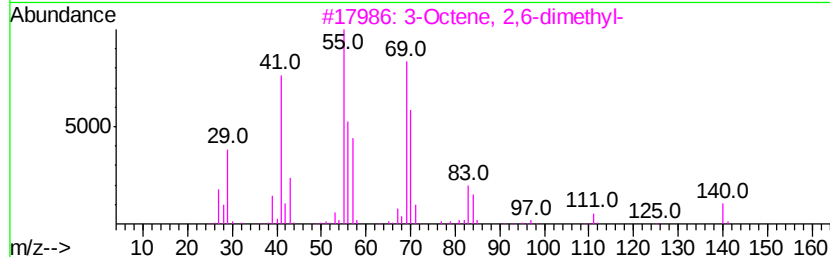
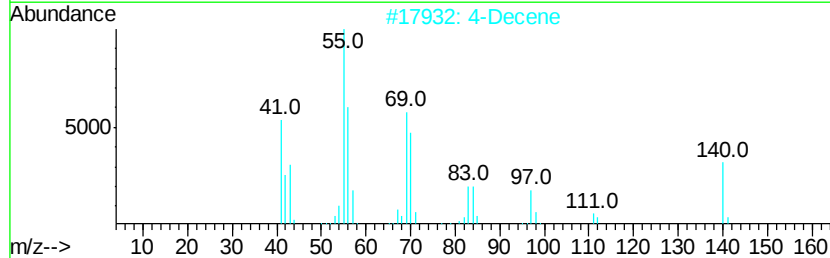
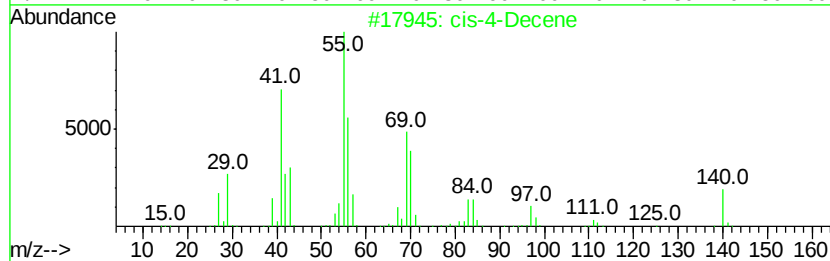
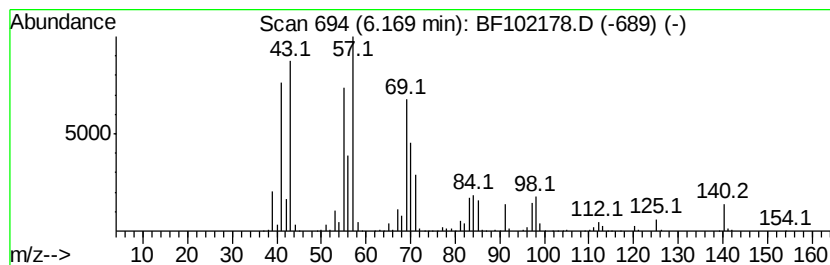
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 cis-4-Decene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	32.58 ng	4102730	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-4-Decene	140	C10H20	019398-88-0	76
2		4-Decene	140	C10H20	019689-18-0	76
3		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	70
4		2-Decene, (Z)-	140	C10H20	020348-51-0	60
5		3-Octene, 4-ethyl-	140	C10H20	053966-51-1	50



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102178.D
Acq On : 18 Jan 2018 5:02
Operator : SJ/JU
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ClientSampled :
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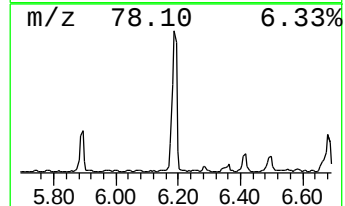
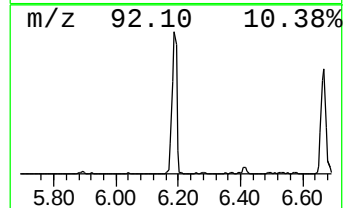
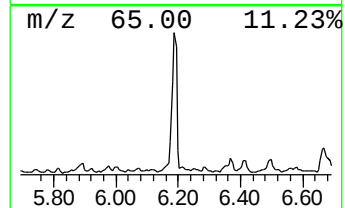
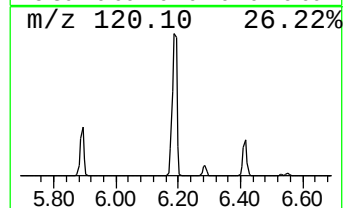
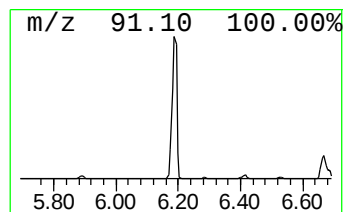
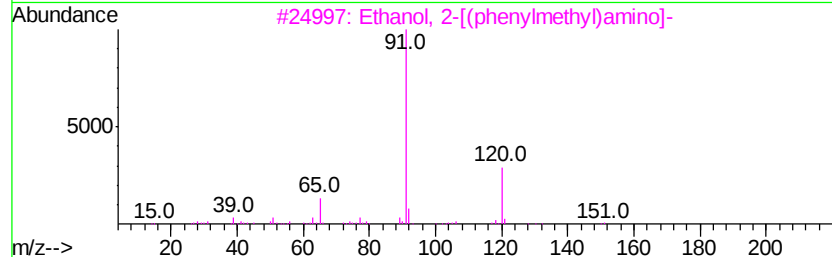
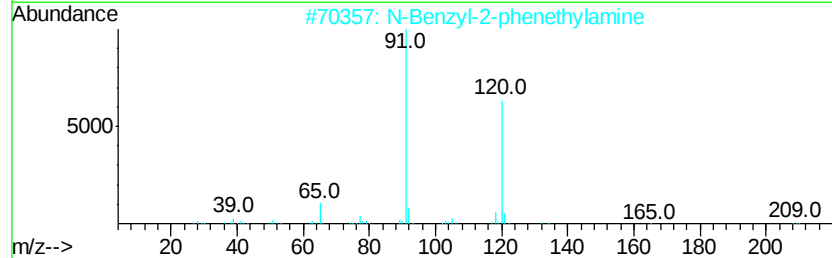
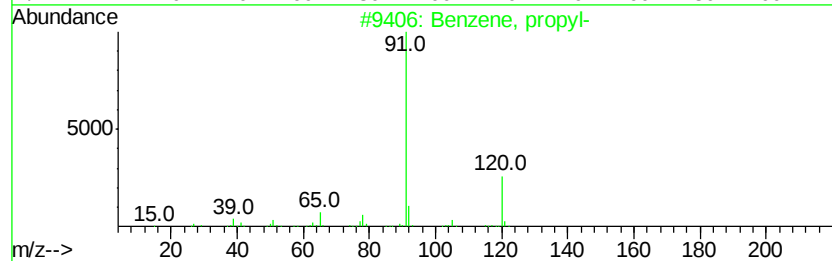
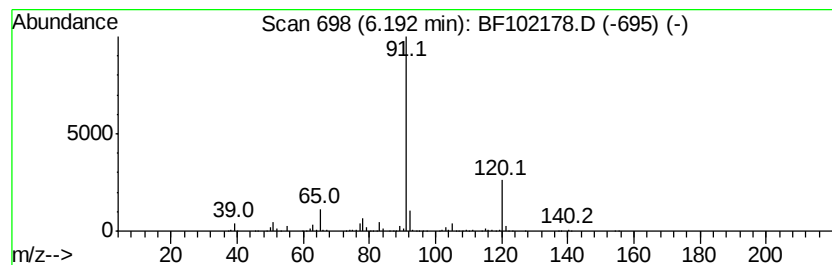
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	28.59 ng	3599210	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, propyl-	120	C9H12	000103-65-1	90
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
4		1-Benzylamino-2-benzylloxvethane	241	C16H19NO	038336-06-0	64
5		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	59



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102178.D
Acq On : 18 Jan 2018 5:02
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Sample : J1144-05
Misc :
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Instrument :
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ClientSampleId :
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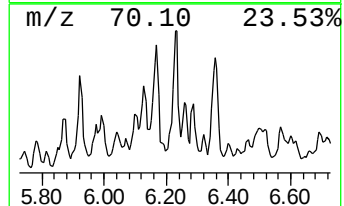
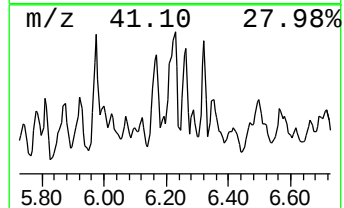
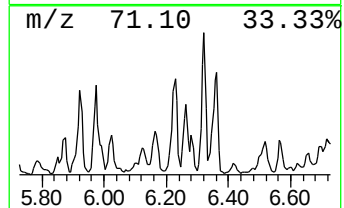
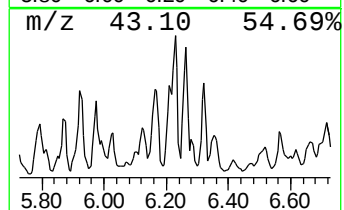
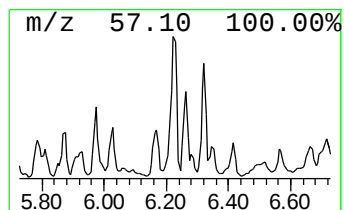
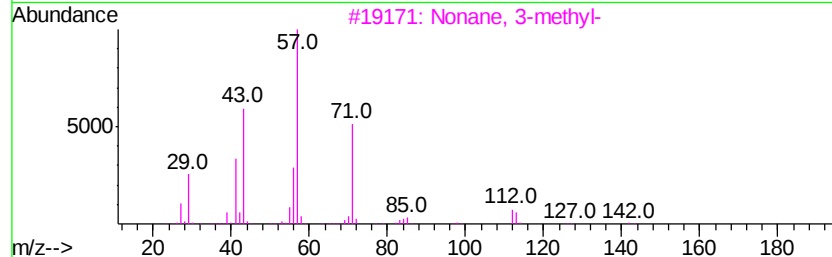
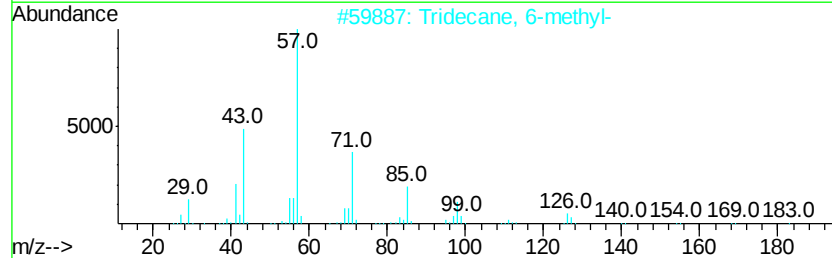
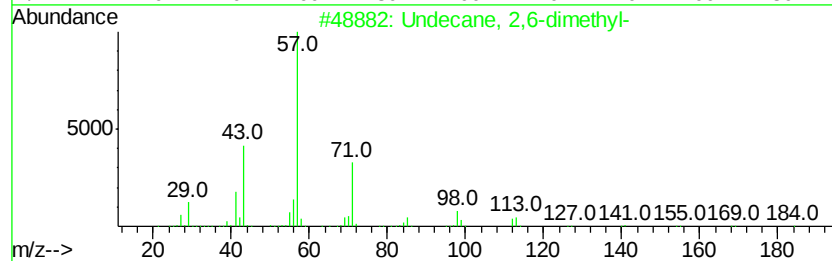
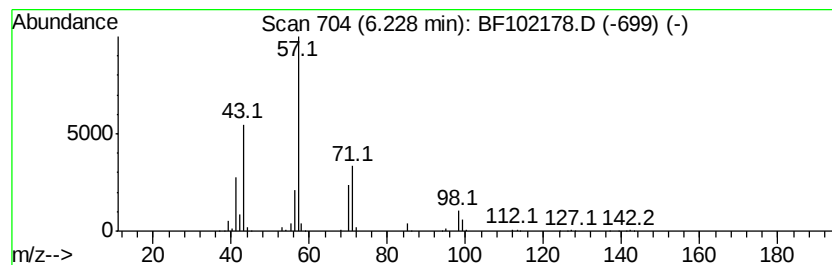
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	39.87 ng	5019950	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	50
4		Hexane, 3-methyl-	100	C7H16	000589-34-4	50
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	50



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102178.D
Acq On : 18 Jan 2018 5:02
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ClientSampleId :
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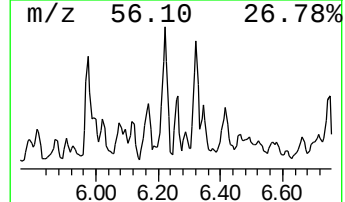
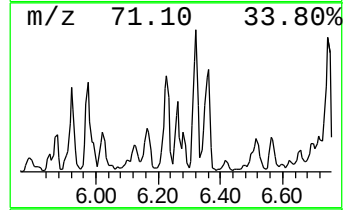
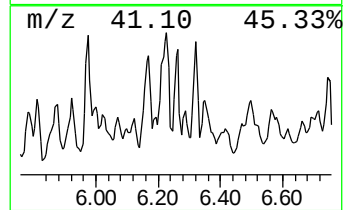
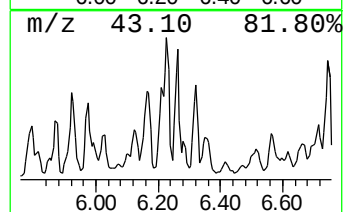
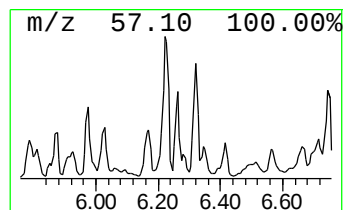
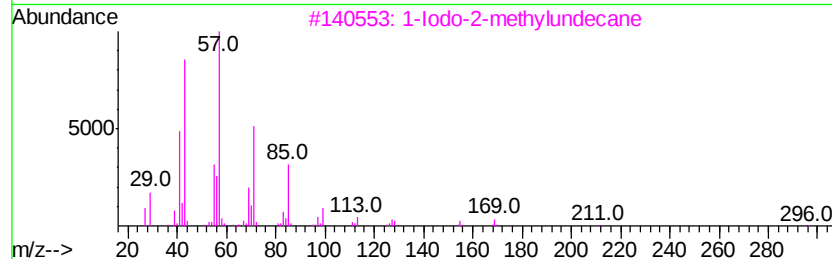
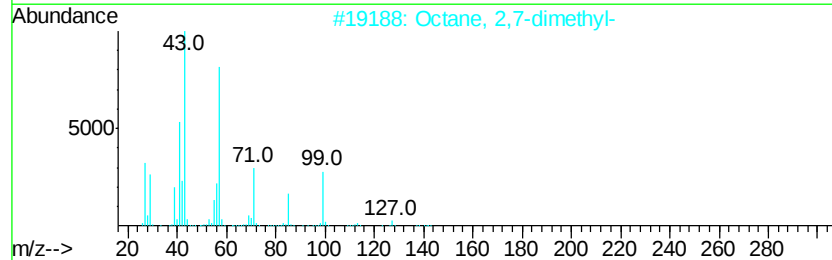
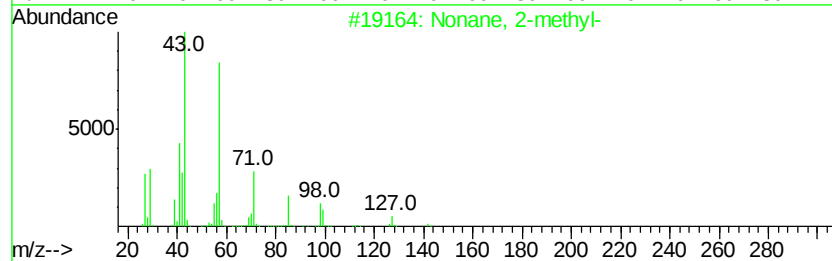
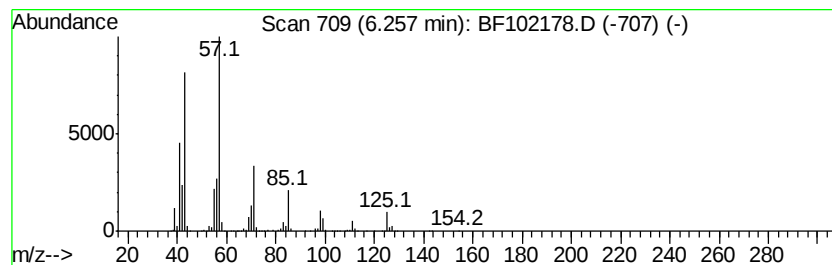
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	18.89 ng	2378470	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	83
2		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4		Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	53
5		Octane, 2-methyl-	128	C9H20	003221-61-2	53



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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Acq On : 18 Jan 2018 5:02
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ClientSampleId :
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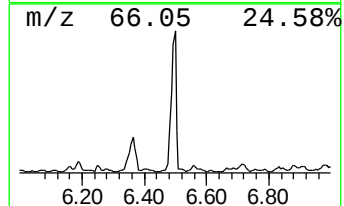
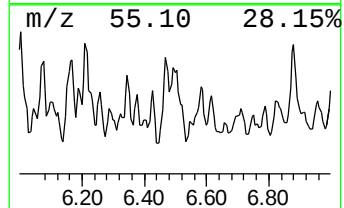
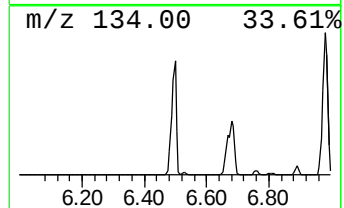
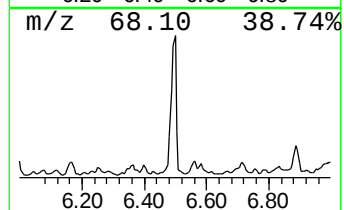
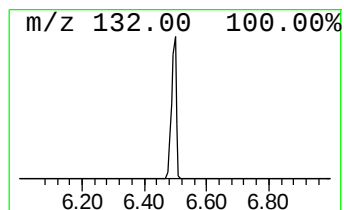
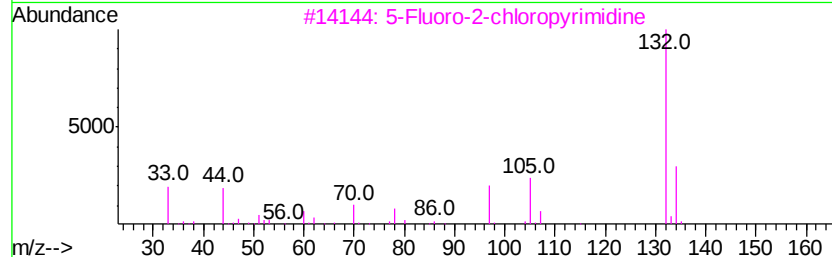
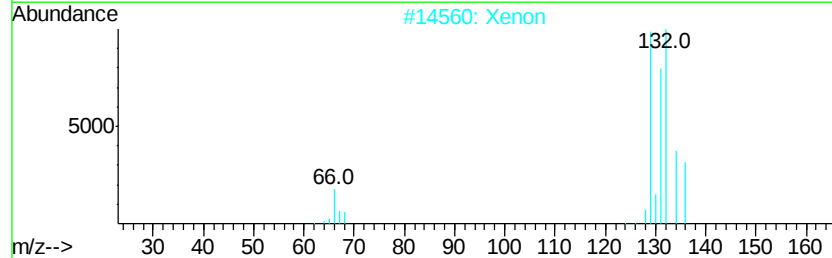
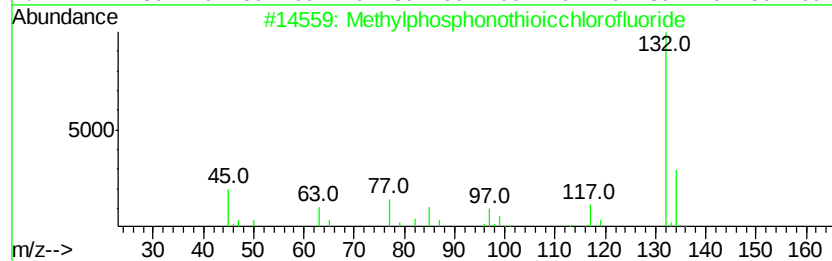
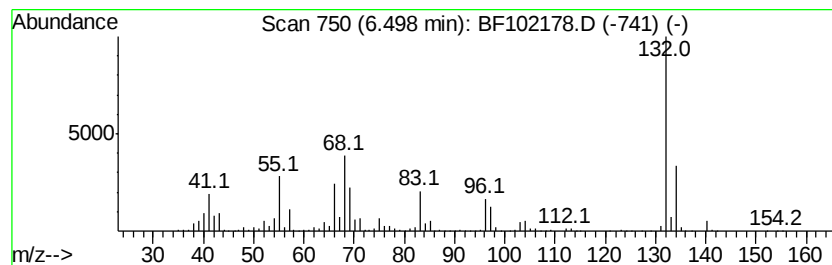
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	58.60 ng	7378220	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	22
2		Xenon	132	Xe	007440-63-3	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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Acq On : 18 Jan 2018 5:02
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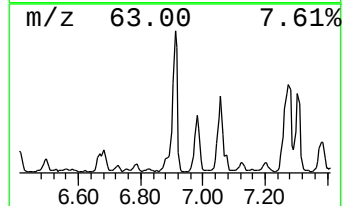
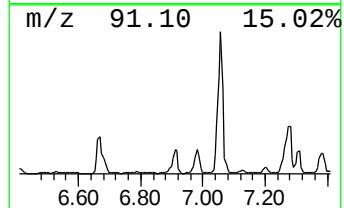
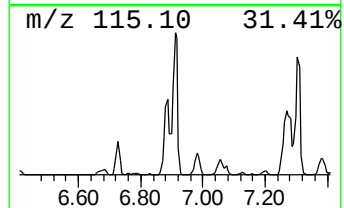
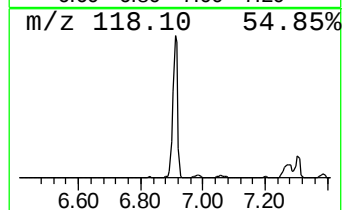
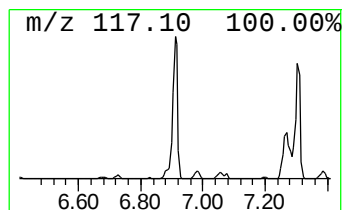
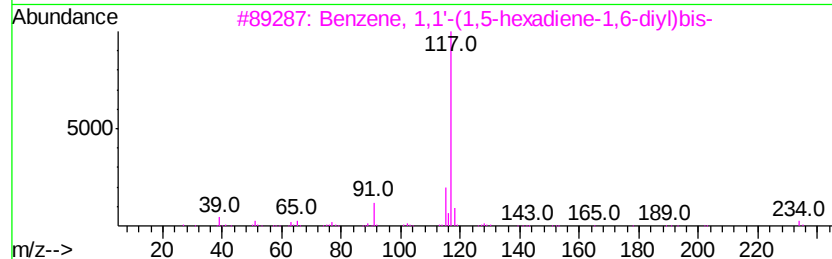
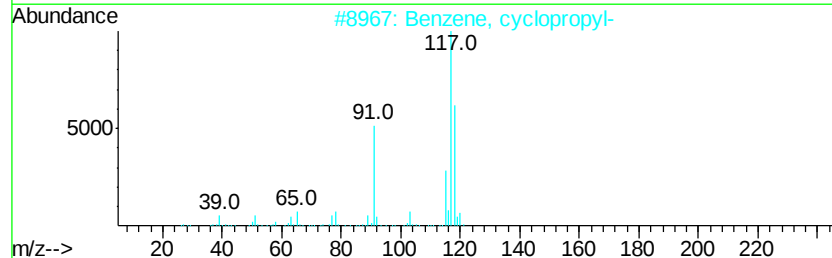
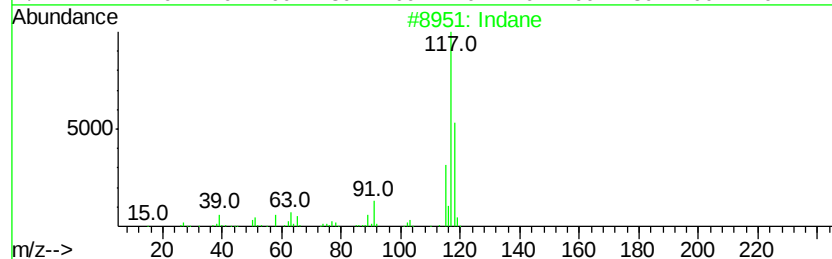
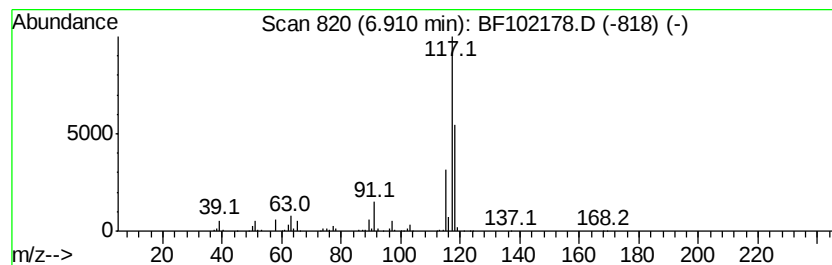
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	30.32 ng	3817810	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	81
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
4		1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	50
5		Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102178.D
Acq On : 18 Jan 2018 5:02
Operator : SJ/JU
Sample : J1144-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

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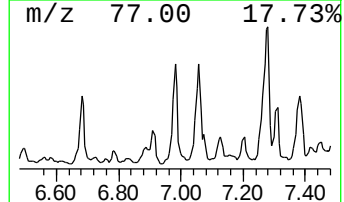
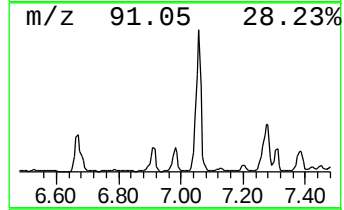
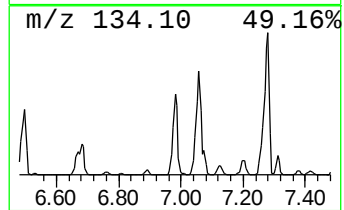
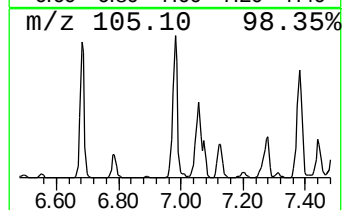
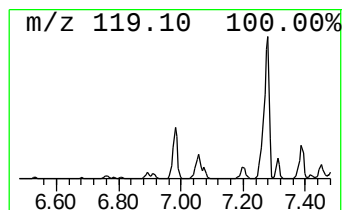
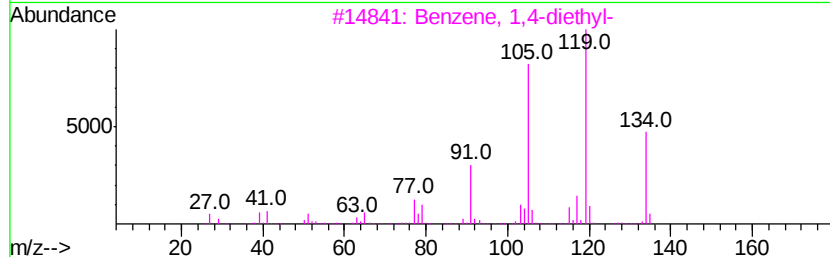
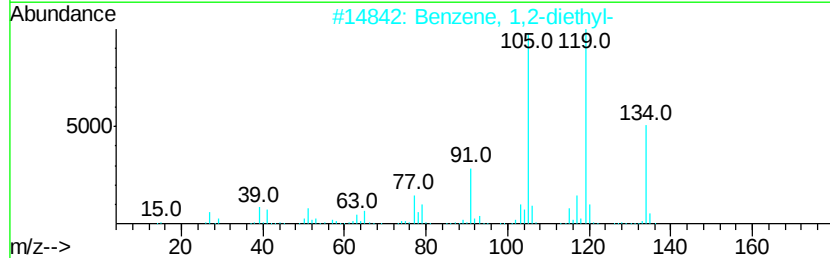
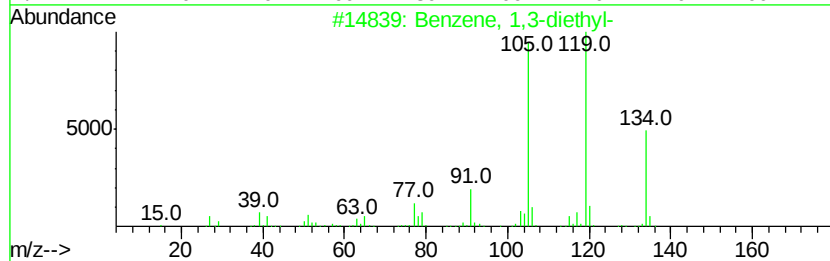
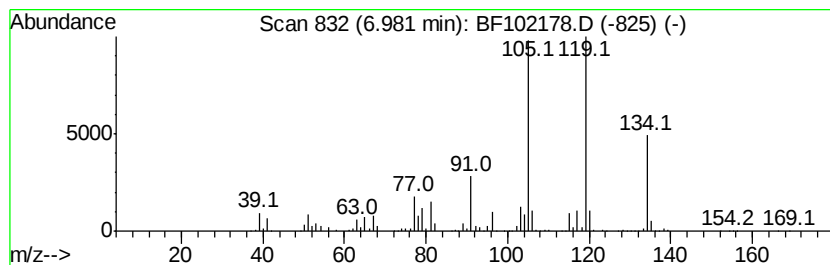
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	40.19 ng	5060460	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83



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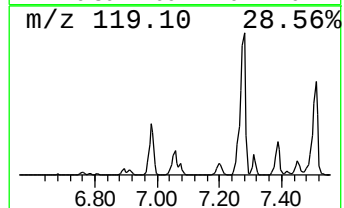
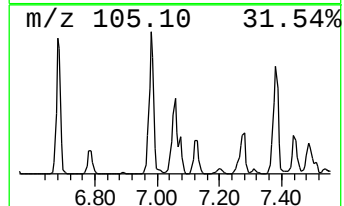
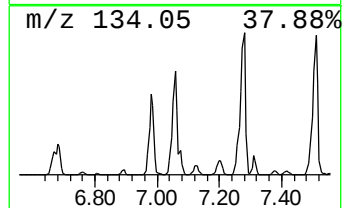
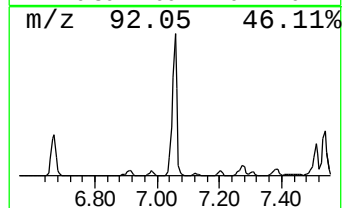
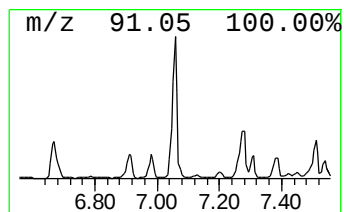
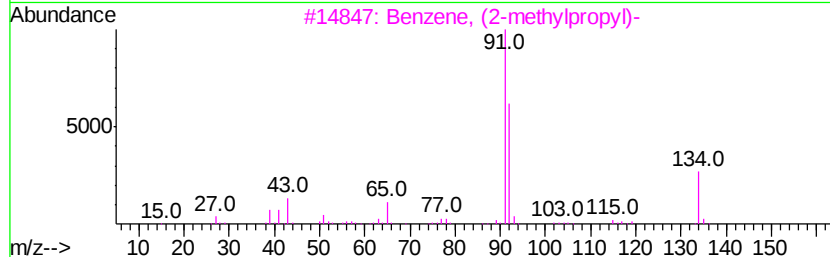
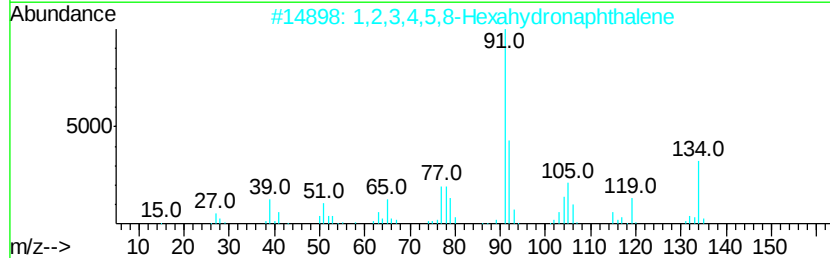
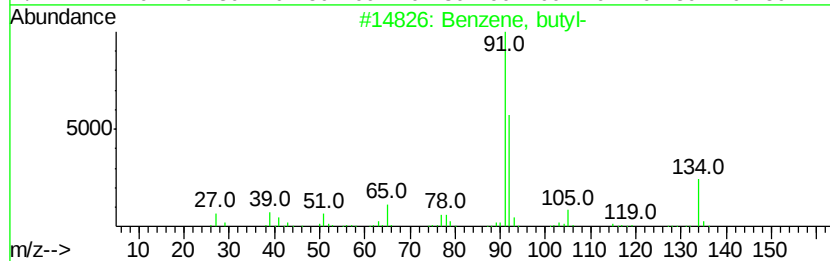
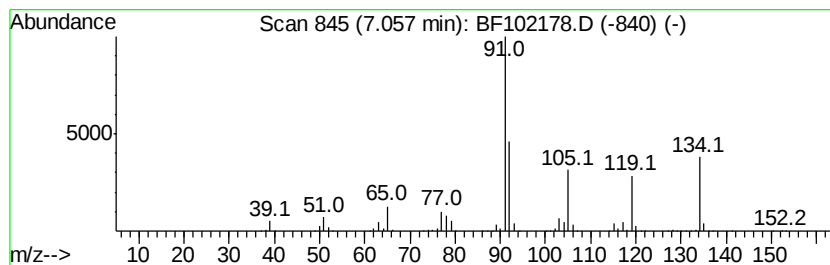
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	35.24 ng	4437120	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, butyl-	134	C10H14	000104-51-8	70
2		1,2,3,4,5,8-Hexahydronaphthalene	134	C10H14	036231-13-7	64
3		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	47
4		Bicyclo[3.1.0]hex-2-ene, 4-methy...	134	C10H14	036262-09-6	43
5		Benzene, (2-methoxyethenyl)-	134	C9H10O	004747-15-3	38



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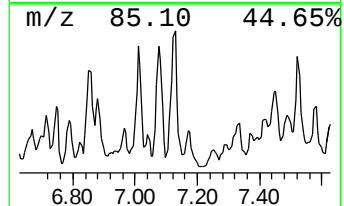
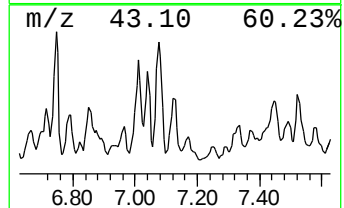
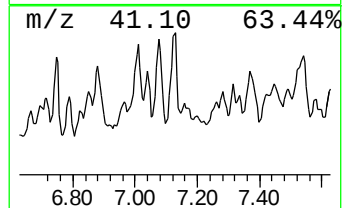
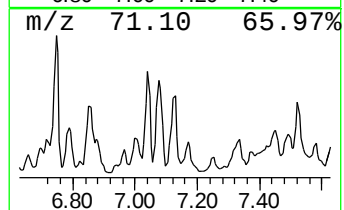
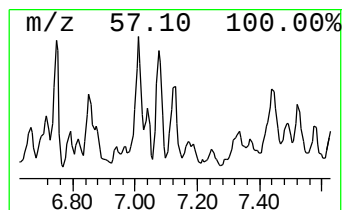
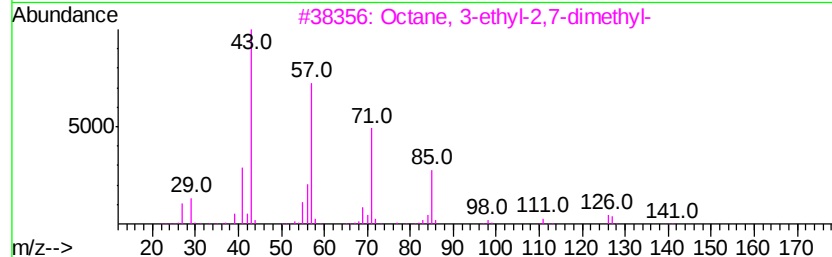
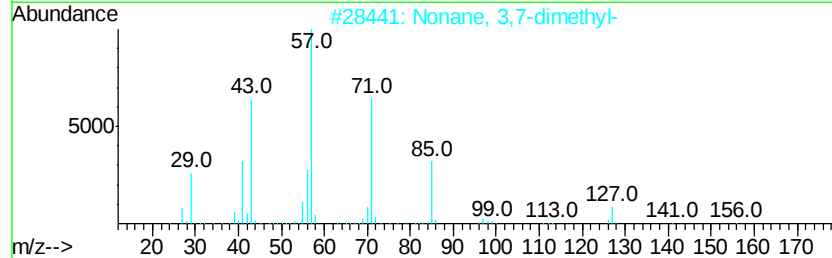
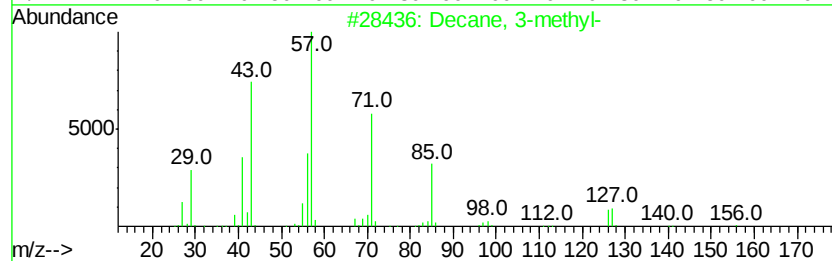
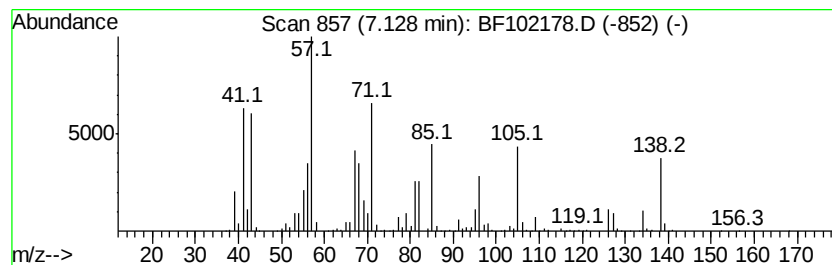
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown7.13 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	31.29 ng	3940210	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	46
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	42
3		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	35
4		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	27
5		Heptacosane	380	C27H56	000593-49-7	27



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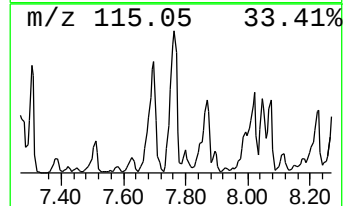
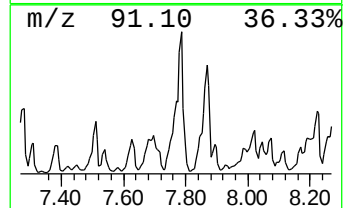
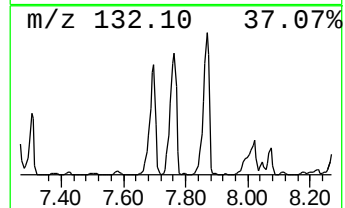
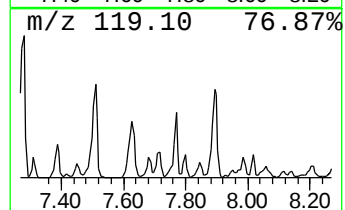
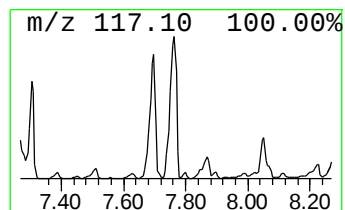
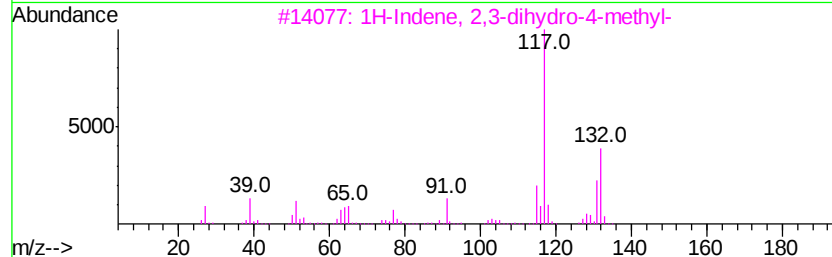
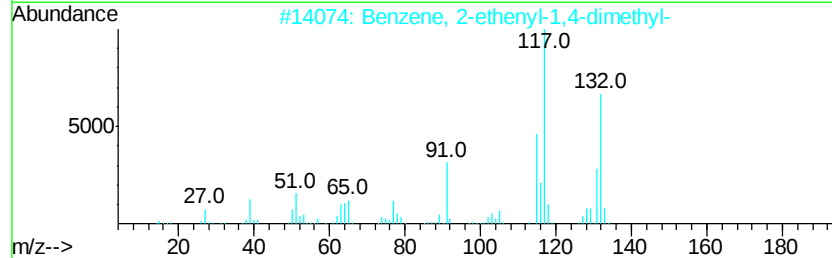
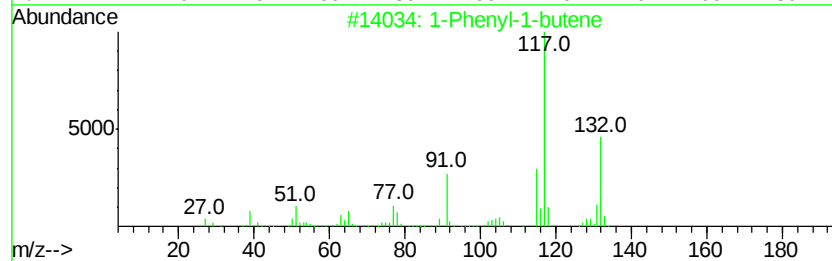
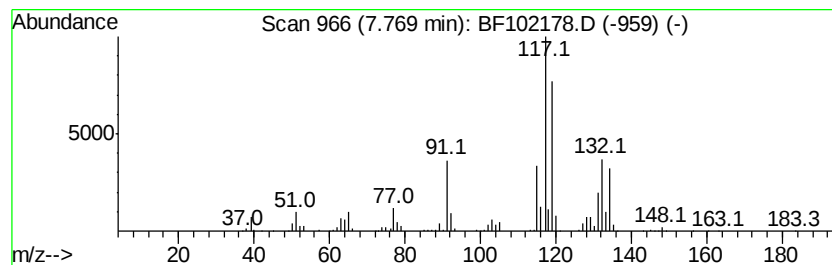
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	35.02 ng	12740400	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55



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Data File : BF102178.D
Acq On : 18 Jan 2018 5:02
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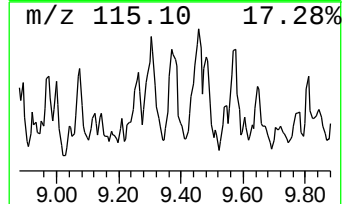
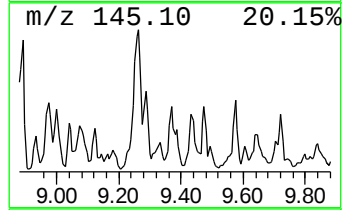
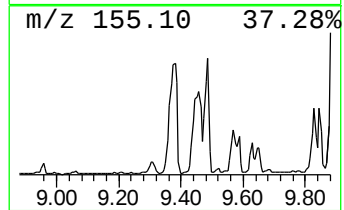
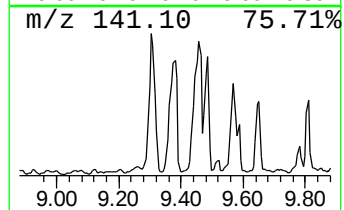
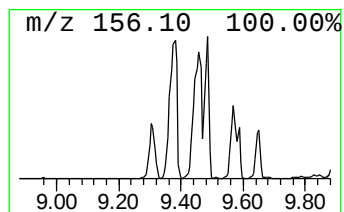
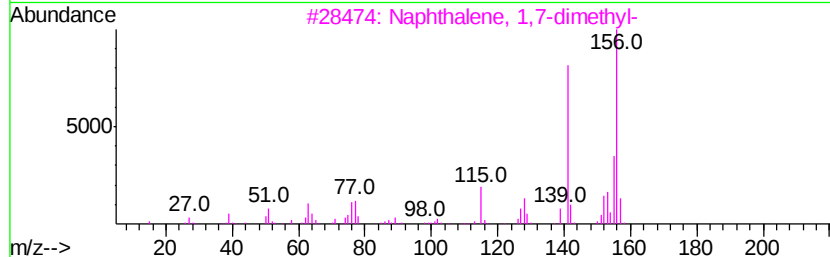
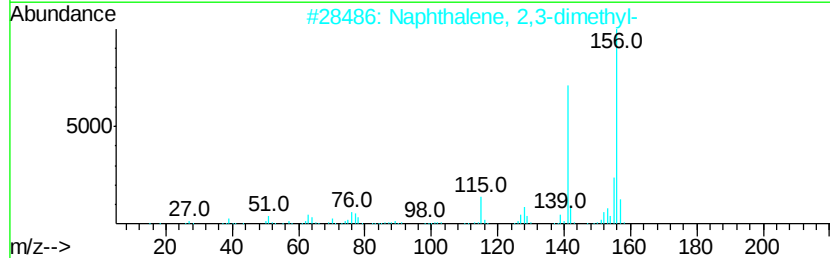
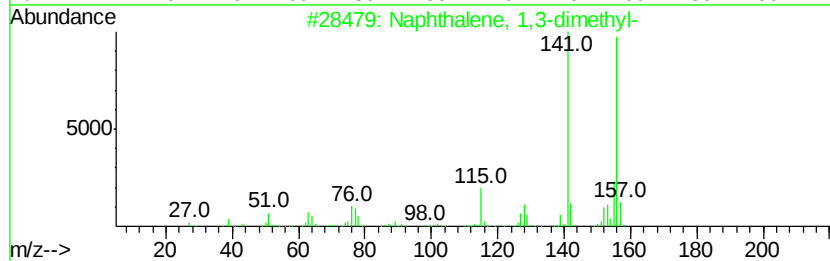
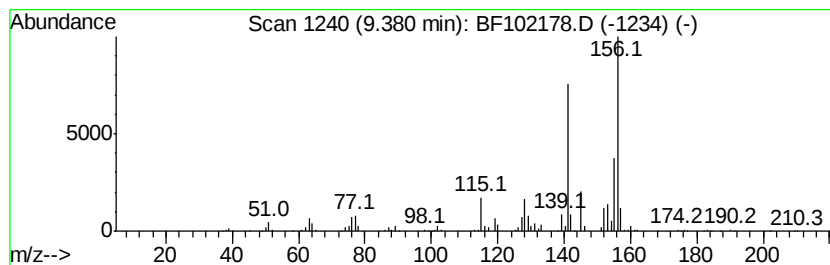
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	23.81 ng	4936030	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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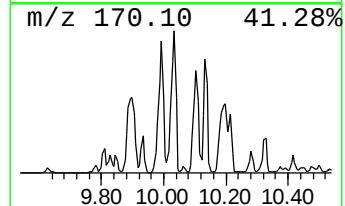
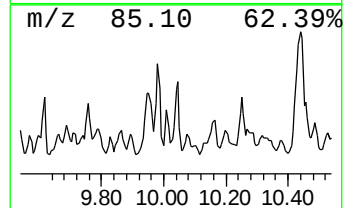
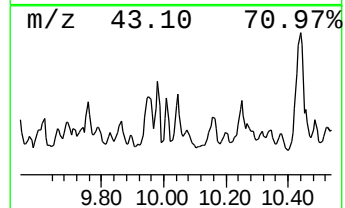
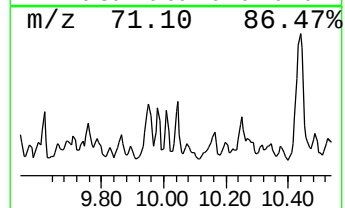
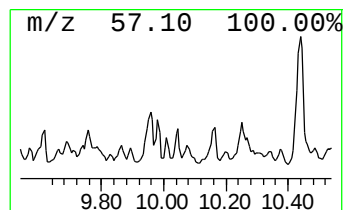
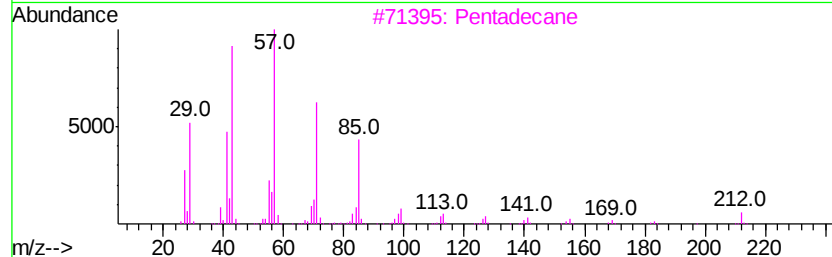
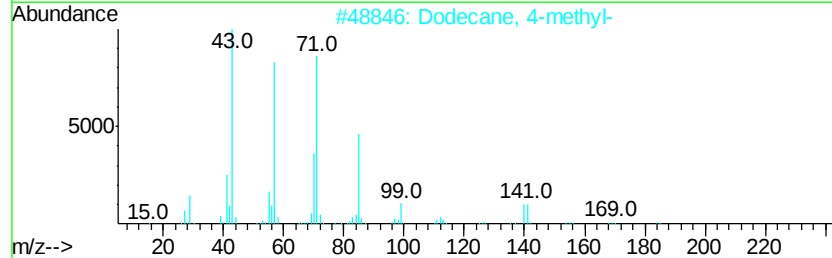
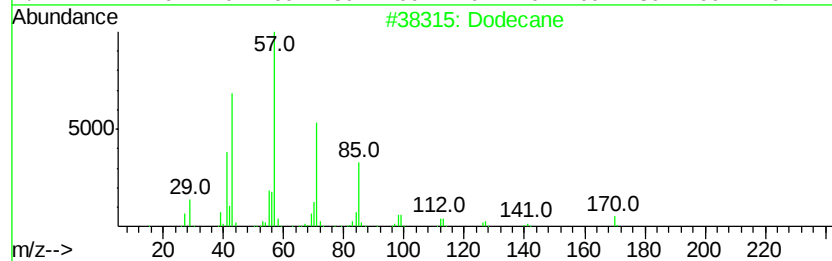
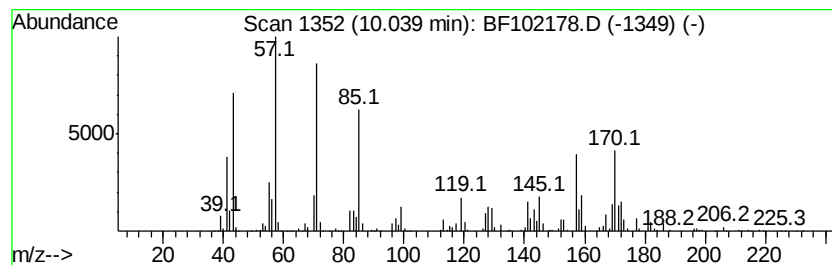
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.04	25.70 ng	5327150	Acenaphthene-d10	9.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	53
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	41
3	Pentadecane	212	C15H32	000629-62-9	41
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	38
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	38



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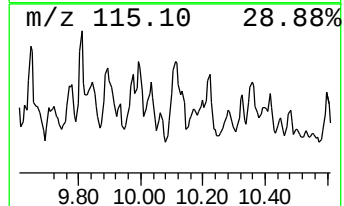
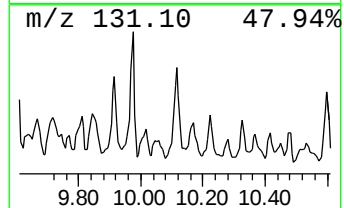
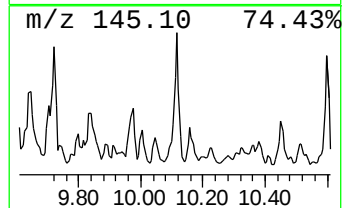
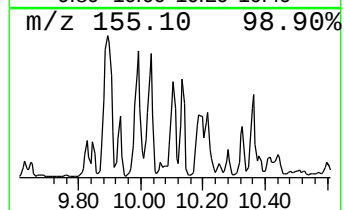
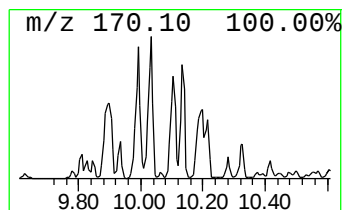
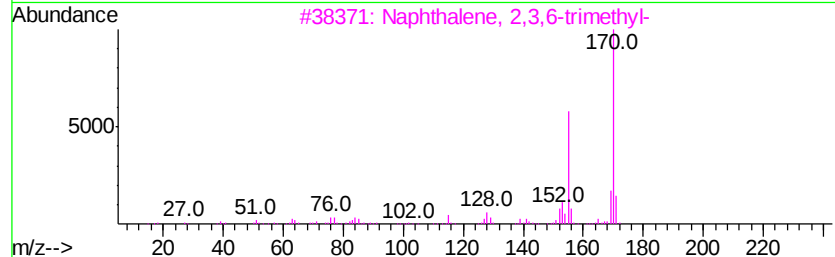
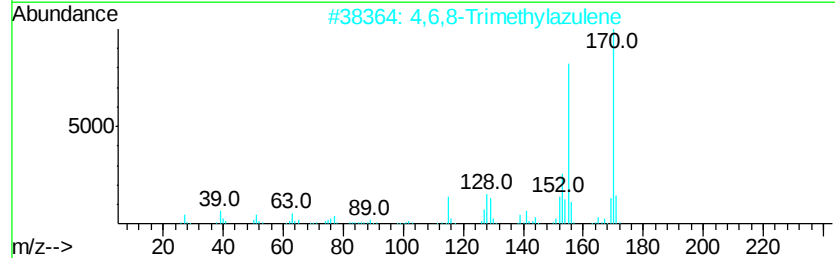
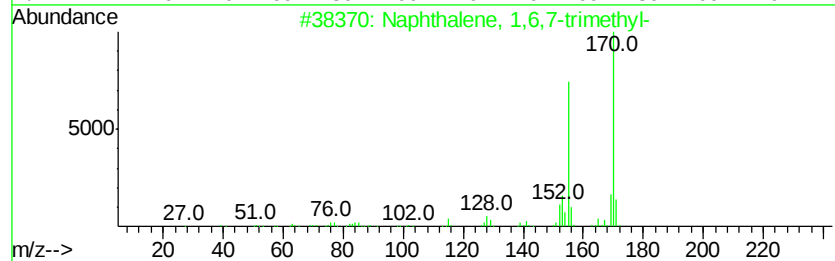
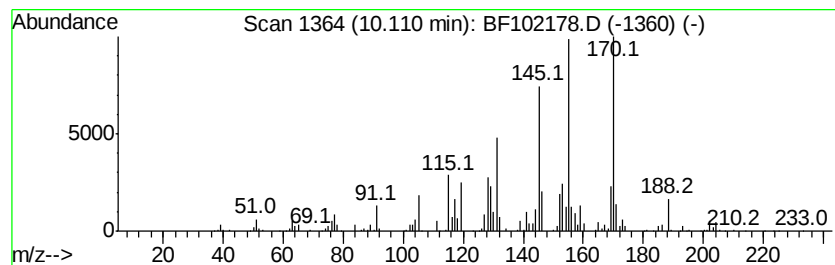
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	18.92 ng	3921970	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
2		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102178.D
Acq On : 18 Jan 2018 5:02
Operator : SJ/JU
Sample : J1144-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IGW-5

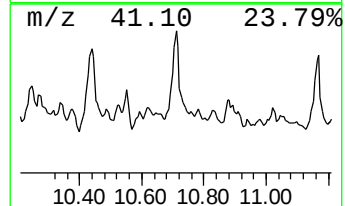
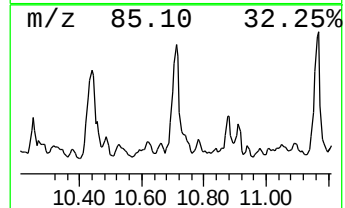
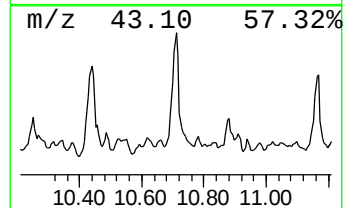
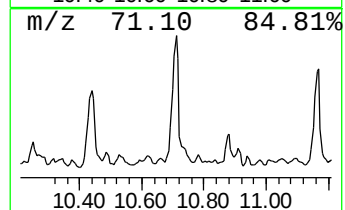
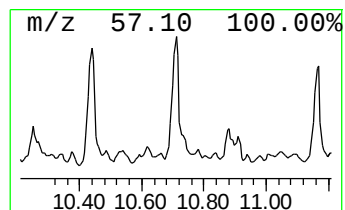
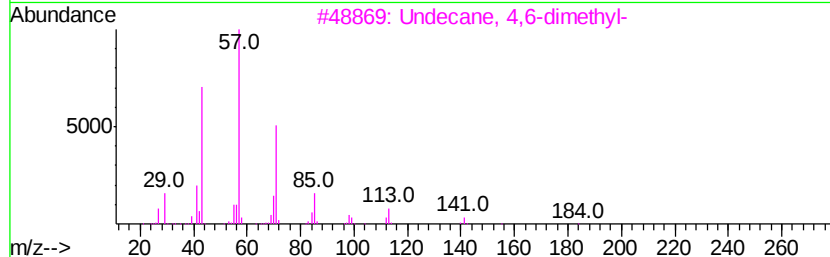
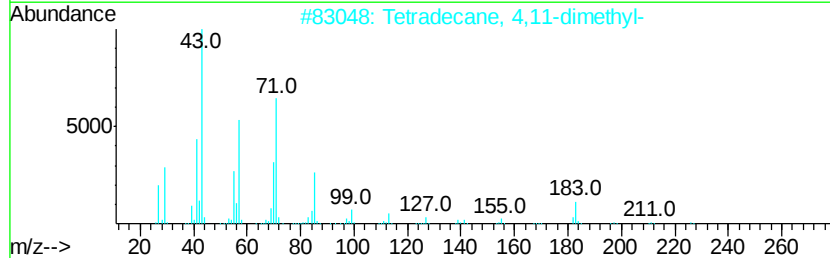
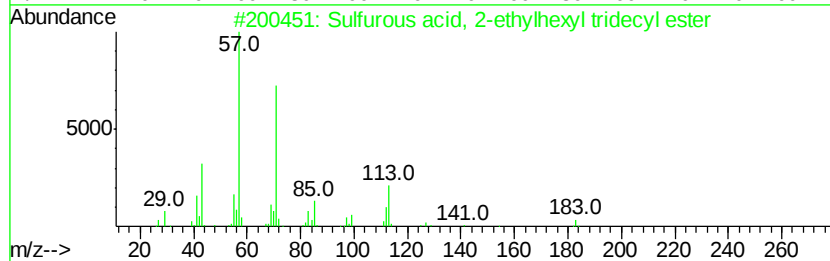
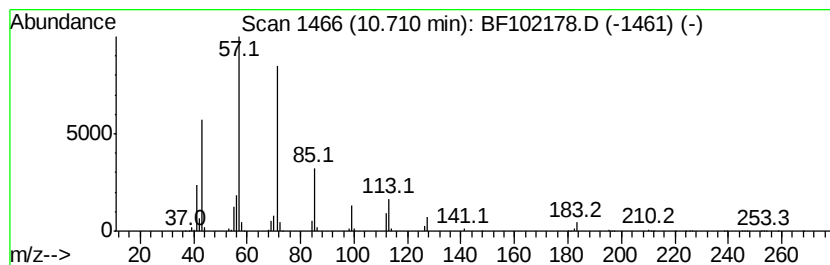
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Sulfurous acid, 2-ethylhexy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	21.41 ng	5563230	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	78
2		Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	74
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102178.D
Acq On : 18 Jan 2018 5:02
Operator : SJ/JU
Sample : J1144-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

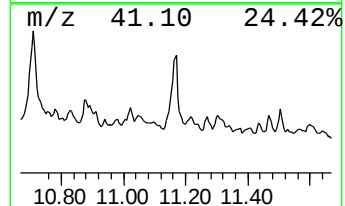
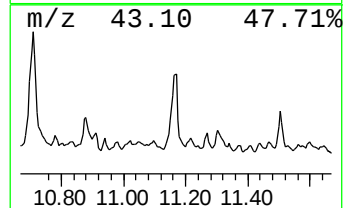
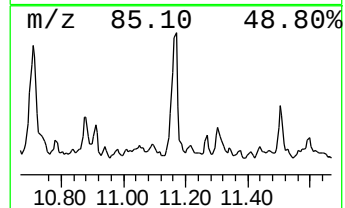
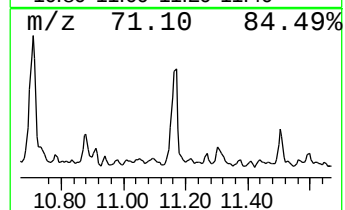
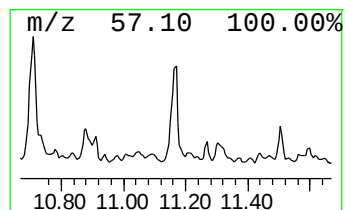
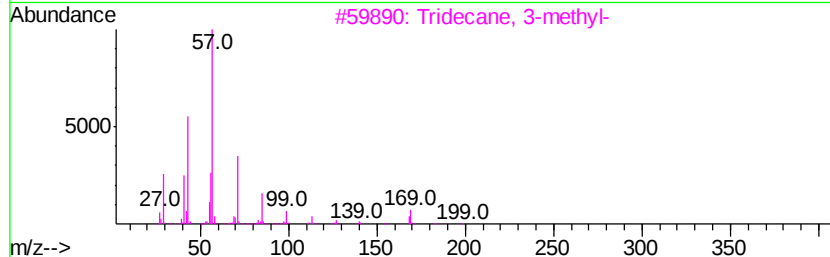
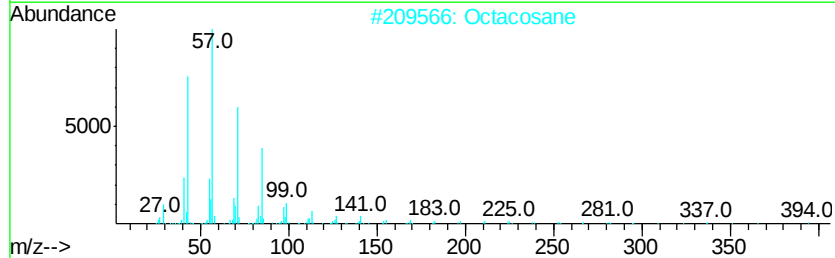
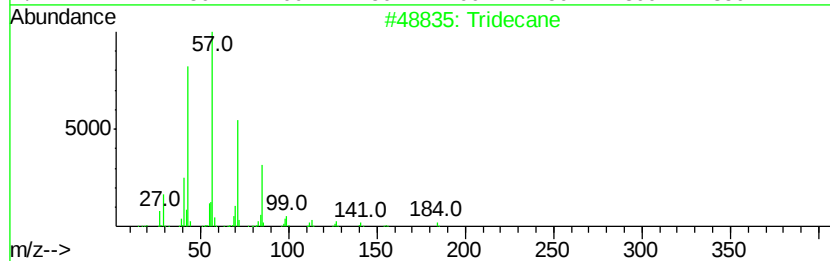
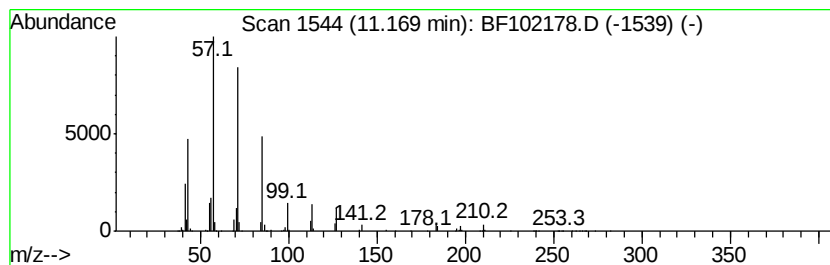
Instrument :
BNA_F
ClientSampleId :
IGW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	20.00 ng	5197280	Phenanthrene-d10	11.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	87
2	Octacosane	394 C28H58	000630-02-4	78
3	Tridecane, 3-methyl-	198 C14H30	006418-41-3	64
4	Tridecane, 7-methyl-	198 C14H30	026730-14-3	60
5	Decane, 5-ethyl-5-methyl-	184 C13H28	017312-74-2	59



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
 Data File : BF102178.D
 Acq On : 18 Jan 2018 5:02
 Operator : SJ/JU
 Sample : J1144-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IGW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
Heptane, 2,5-dime...	4.84	19.6	ng	2473130	1	6.73	2518220	20.0
2,3-Dimethyl-3-he...	5.59	34.2	ng	4305040	1	6.73	2518220	20.0
unknown5.87	5.87	27.4	ng	3448520	1	6.73	2518220	20.0
unknown5.97	5.97	31.5	ng	3960780	1	6.73	2518220	20.0
cis-4-Decene	6.17	32.6	ng	4102730	1	6.73	2518220	20.0
Benzene, propyl-	6.19	28.6	ng	3599210	1	6.73	2518220	20.0
Undecane, 2,6-dim...	6.23	39.9	ng	5019950	1	6.73	2518220	20.0
Nonane, 2-methyl-	6.26	18.9	ng	2378470	1	6.73	2518220	20.0
unknown6.50	6.50	58.6	ng	7378220	1	6.73	2518220	20.0
Indane	6.91	30.3	ng	3817810	1	6.73	2518220	20.0
Benzene, 1,3-diet...	6.98	40.2	ng	5060460	1	6.73	2518220	20.0
Benzene, butyl-	7.06	35.2	ng	4437120	1	6.73	2518220	20.0
unknown7.13	7.13	31.3	ng	3940210	1	6.73	2518220	20.0
1-Phenyl-1-butene	7.77	35.0	ng	12740400	2	8.02	7275610	20.0
Naphthalene, 1,3-...	9.38	23.8	ng	4936030	3	9.79	4146240	20.0
Dodecane	10.04	25.7	ng	5327150	3	9.79	4146240	20.0
Naphthalene, 1,6,...	10.11	18.9	ng	3921970	3	9.79	4146240	20.0
Sulfurous acid, 2...	10.71	21.4	ng	5563230	4	11.26	5197280	20.0
Tridecane	11.17	20.0	ng	5197280	4	11.26	5197280	20.0