

Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
 Data File : BF097901.D
 Acq On : 21 Aug 2017 12:45
 Operator : SJ/JU
 Sample : I4869-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-B(0-5)COMP

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-BF081517.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	4.939	481	485	494	rBV	281836	354589	7.26%	0.417%
2	5.145	513	520	523	rBV	65362	74330	1.52%	0.087%
3	5.351	549	555	558	rBV	2441837	2517908	51.57%	2.963%
4	5.510	578	582	587	rBV3	70763	105296	2.16%	0.124%
5	5.651	603	606	611	rBV2	279107	272675	5.58%	0.321%
6	5.763	619	625	629	rVB4	138561	225582	4.62%	0.265%
7	5.816	629	634	637	rBV3	88541	138522	2.84%	0.163%
8	5.898	645	648	653	rVB	197500	196606	4.03%	0.231%
9	5.951	653	657	659	rBV2	102552	142872	2.93%	0.168%
10	5.998	662	665	667	rVV	426082	432767	8.86%	0.509%
11	6.051	671	674	677	rBV	292332	270722	5.54%	0.319%
12	6.081	677	679	682	rVV3	60102	72945	1.49%	0.086%
13	6.186	691	697	700	rBV2	299630	360584	7.38%	0.424%
14	6.228	700	704	706	rBV3	154419	186845	3.83%	0.220%
15	6.251	706	708	710	rVV	380414	268769	5.50%	0.316%
16	6.281	710	713	721	rVV2	763076	886853	18.16%	1.044%
17	6.345	721	724	726	rBV2	488931	512299	10.49%	0.603%
18	6.381	726	730	733	rVV	2429283	2651198	54.30%	3.120%
19	6.422	735	737	740	rBV3	234535	219100	4.49%	0.258%
20	6.451	740	742	745	rVB	120448	102882	2.11%	0.121%
21	6.516	745	753	757	rBV	2644140	3201367	65.56%	3.767%
22	6.592	762	766	772	rBV2	1472182	1505538	30.83%	1.772%
23	6.639	772	774	776	rBV	91330	107970	2.21%	0.127%
24	6.698	778	784	785	rBV3	170276	258233	5.29%	0.304%
25	6.722	785	788	789	rBV2	197153	150829	3.09%	0.178%
26	6.751	789	793	794	rBV2	908878	913312	18.70%	1.075%
27	6.769	794	796	800	rVB	1286426	1150254	23.56%	1.354%
28	6.810	800	803	806	rBV2	707413	752233	15.41%	0.885%
29	6.845	806	809	811	rBV3	234199	272970	5.59%	0.321%
30	6.875	811	814	816	rBV	269378	191959	3.93%	0.226%
31	6.904	816	819	822	rVB2	2259413	2154646	44.13%	2.536%
32	6.934	822	824	827	rVB3	354409	328145	6.72%	0.386%
33	6.963	827	829	830	rBV	157997	122116	2.50%	0.144%
34	6.986	830	833	835	rBV2	312777	297823	6.10%	0.350%

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35	7.033	836	841	844	rVB3	920510	1263952	25.89%	1.487%
36	7.069	844	847	850	rBV2	870539	1050203	21.51%	1.236%
37	7.098	850	852	855	rVB	930220	749781	15.36%	0.882%
38	7.145	857	860	863	rBV	1538572	1367384	28.00%	1.609%
39	7.181	863	866	870	rVB4	327264	438389	8.98%	0.516%
40	7.245	870	877	879	rBV3	246623	500887	10.26%	0.589%
41	7.292	879	885	886	rBV3	1016986	1567819	32.11%	1.845%
42	7.310	886	888	891	rVB2	1180607	1058085	21.67%	1.245%
43	7.357	893	896	899	rVB	1483597	1322038	27.08%	1.556%
44	7.404	899	904	907	rVB5	1017457	1577418	32.31%	1.856%
45	7.439	907	910	913	rBV3	613608	1023534	20.96%	1.205%
46	7.469	913	915	919	rVB3	755443	748712	15.33%	0.881%
47	7.510	919	922	925	rBV2	392168	655400	13.42%	0.771%
48	7.563	925	931	934	rVB4	1348737	2462754	50.44%	2.898%
49	7.598	934	937	939	rBV2	340263	355278	7.28%	0.418%
50	7.681	942	951	955	rBV6	1255521	2798318	57.31%	3.293%
51	7.728	955	959	962	rBV3	1110879	1320174	27.04%	1.554%
52	7.763	962	965	966	rBV	1217130	1142791	23.40%	1.345%
53	7.798	969	971	975	rVB3	1257040	1285941	26.34%	1.513%
54	7.839	975	978	980	rBV2	1078902	1074987	22.02%	1.265%
55	7.863	980	982	987	rVB3	936200	1294287	26.51%	1.523%
56	7.910	987	990	991	rBV	843280	766539	15.70%	0.902%
57	7.945	994	996	998	rVB2	590321	456583	9.35%	0.537%
58	7.998	1000	1005	1006	rBV3	894414	1233124	25.25%	1.451%
59	8.028	1006	1010	1014	rVV4	1963324	2753670	56.40%	3.241%
60	8.092	1018	1021	1022	rVV2	740978	858531	17.58%	1.010%
61	8.110	1022	1024	1026	rVV	2242999	1938009	39.69%	2.281%
62	8.133	1026	1028	1031	rVB3	554442	503161	10.30%	0.592%
63	8.210	1036	1041	1044	rBV4	967258	1676886	34.34%	1.973%
64	8.245	1044	1047	1050	rVB2	1071010	1310855	26.85%	1.543%
65	8.339	1057	1063	1065	rBV4	1404216	2376267	48.67%	2.796%
66	8.392	1070	1072	1075	rBV4	1104026	1016843	20.83%	1.197%
67	8.428	1075	1078	1081	rVB3	1358757	1436379	29.42%	1.690%
68	8.475	1081	1086	1090	rBV2	3083958	4882749	100.00%	5.746%
69	8.545	1095	1098	1101	rBV3	1128695	1399026	28.65%	1.646%
70	8.586	1103	1105	1110	rVB2	832954	1026974	21.03%	1.209%
71	8.645	1112	1115	1118	rBV3	804083	939981	19.25%	1.106%

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72	8.927	1161	1163	1165	rBV2	942523	994674	20.37%	1.171%
73	9.080	1186	1189	1192	rVB	2144793	2540928	52.04%	2.990%
74	9.116	1193	1195	1198	rVB	1081339	1049612	21.50%	1.235%
75	9.210	1207	1211	1216	rBV4	1969270	3479411	71.26%	4.095%
76	9.522	1261	1264	1265	rBV3	1161116	1293685	26.50%	1.522%
77	12.745	1809	1812	1815	rVB	627299	585494	11.99%	0.689%
78	12.863	1828	1832	1840	rVB	1336769	1740137	35.64%	2.048%
79	13.092	1869	1871	1875	rVB2	443260	428451	8.77%	0.504%
80	13.898	2005	2008	2018	rVB	847765	894748	18.32%	1.053%
81	14.745	2149	2152	2157	rVB	155982	159982	3.28%	0.188%
82	15.309	2244	2248	2253	rVB	602112	693929	14.21%	0.817%
83	16.245	2404	2407	2412	rVB2	49628	77965	1.60%	0.092%

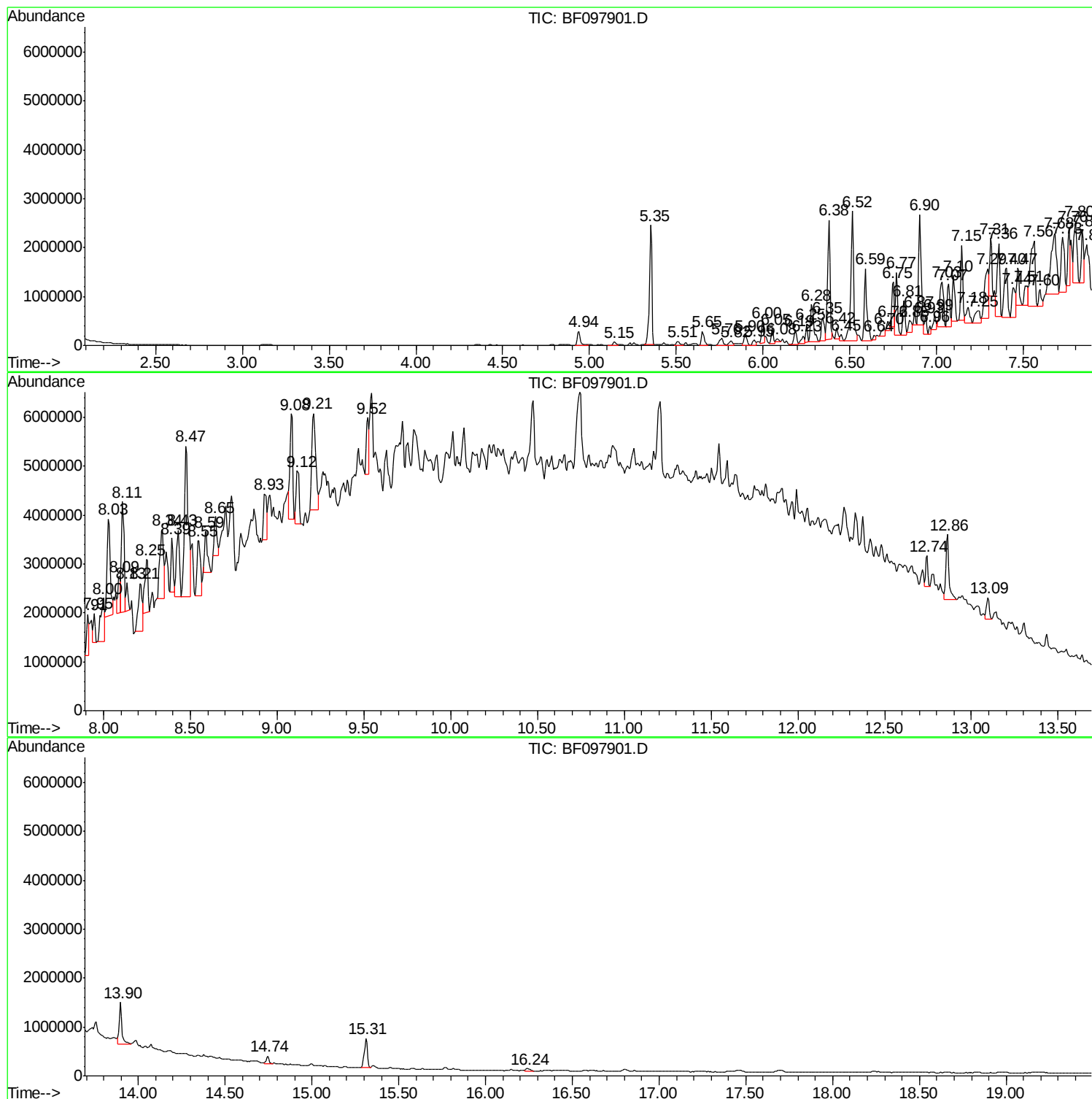
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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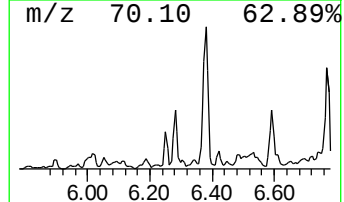
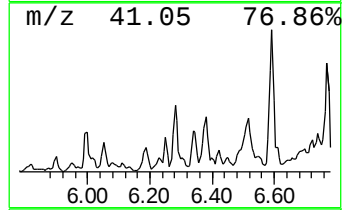
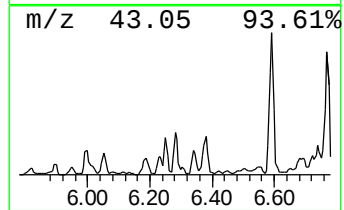
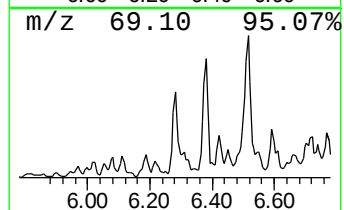
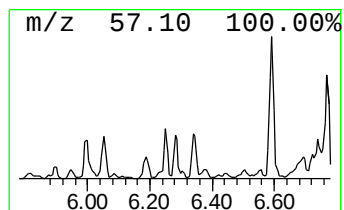
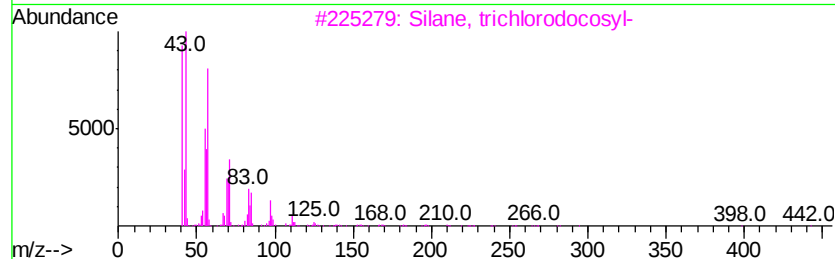
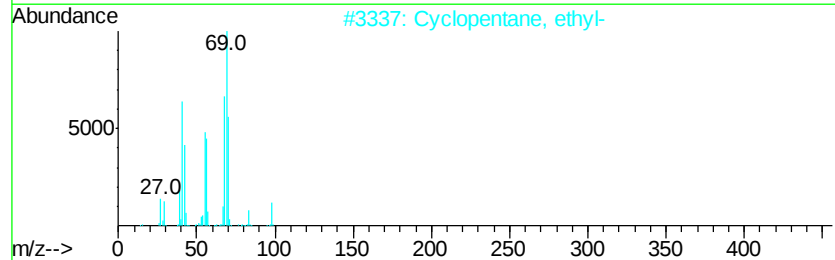
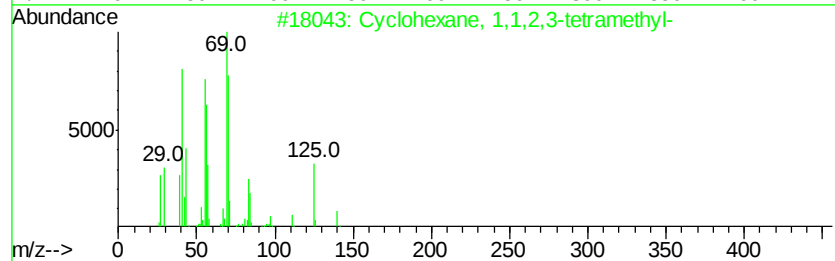
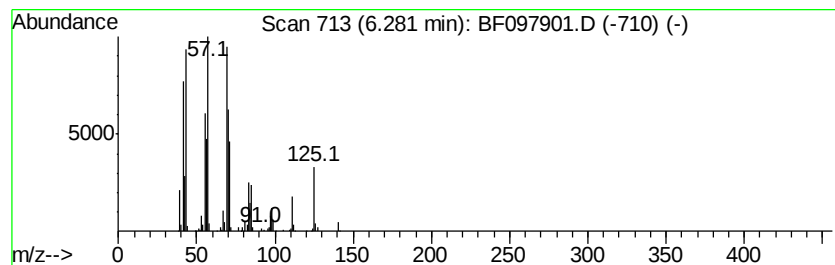
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	19.42 ng	886853	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	89
2		Cyclopentane, ethyl-	98	C7H14	001640-89-7	53
3		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	46
4		2-Methyl-2-octene	126	C9H18	016993-86-5	43
5		1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	30



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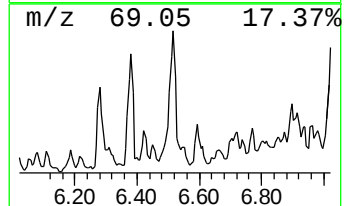
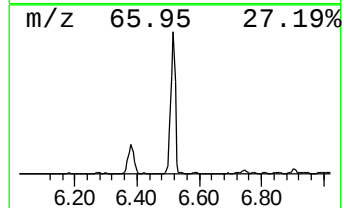
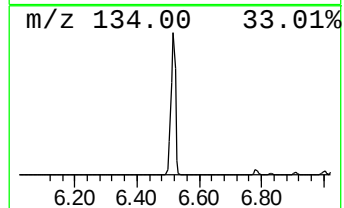
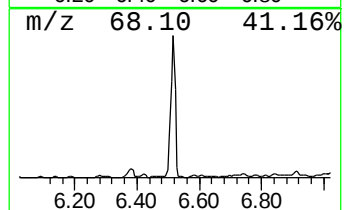
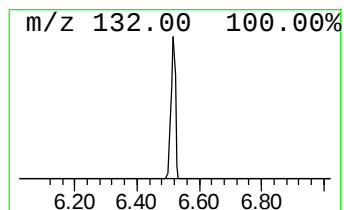
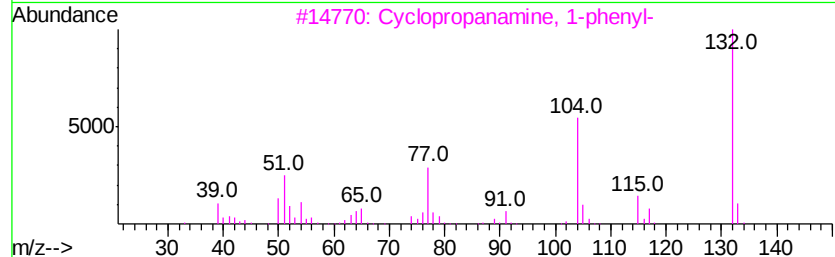
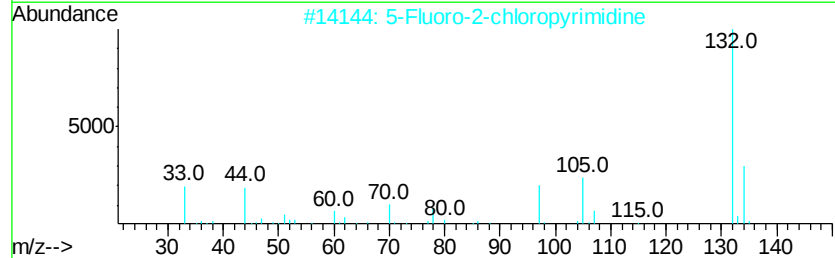
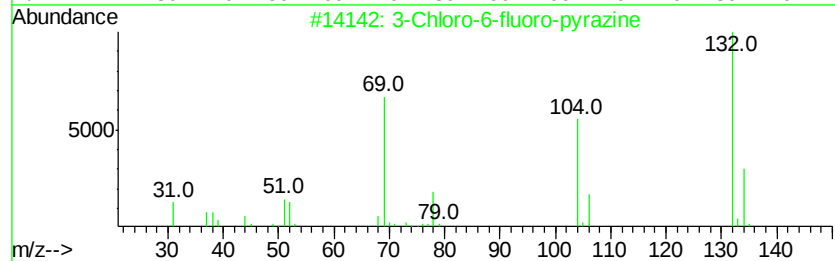
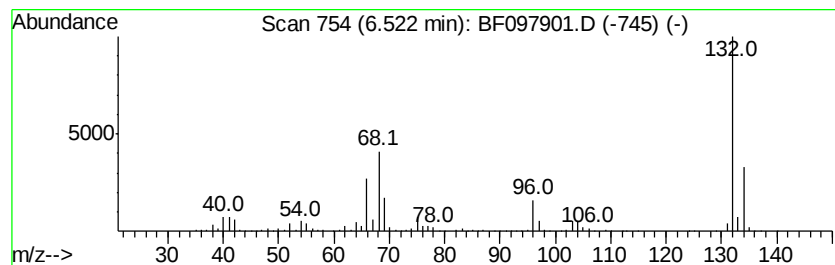
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	70.10 ng	3201370	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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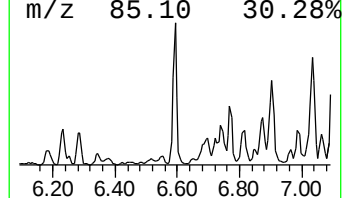
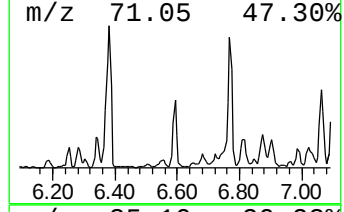
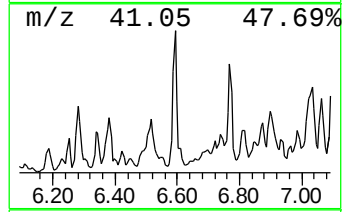
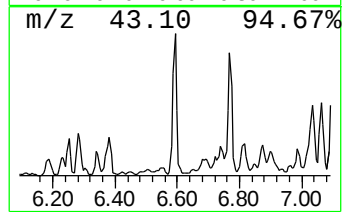
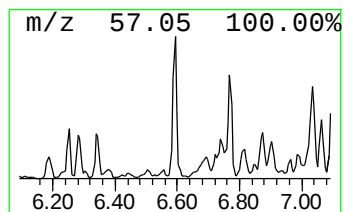
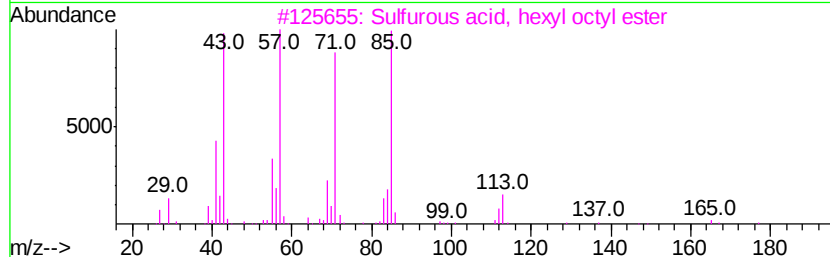
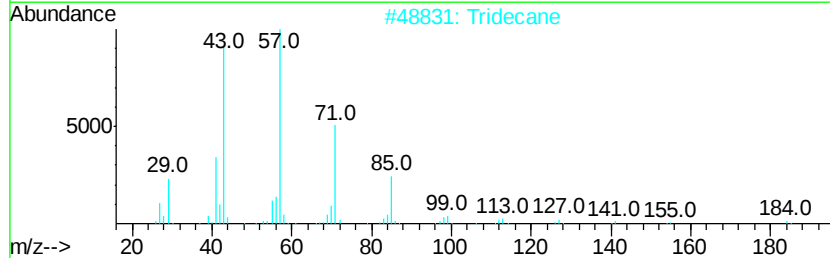
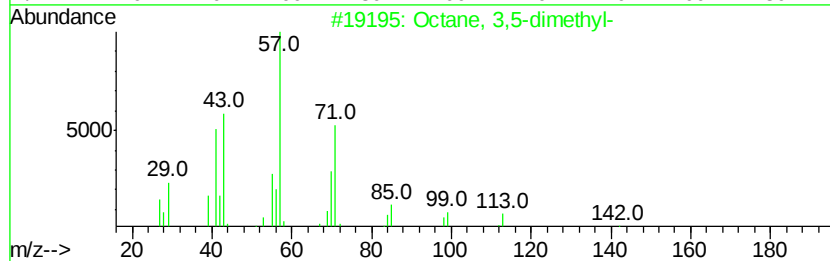
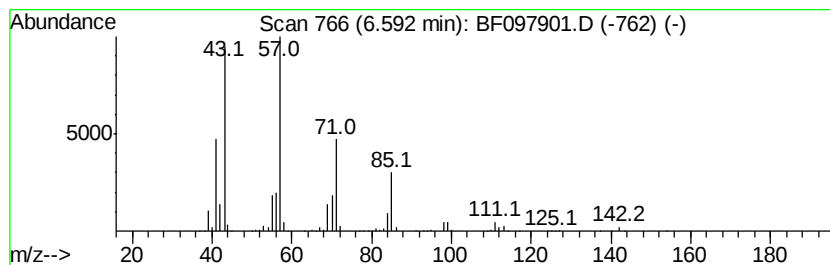
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octane, 3,5-dimethyl- Concentration Rank 5

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6.59	32.97 ng	1505540	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	74
2		Tridecane	184	C13H28	000629-50-5	72
3		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	72
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



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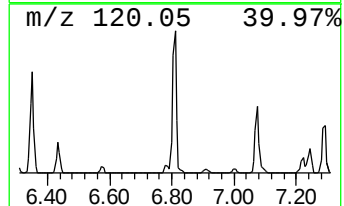
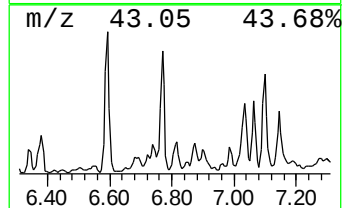
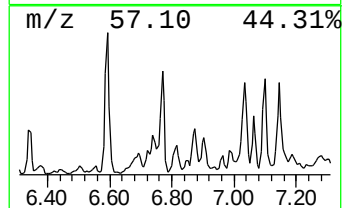
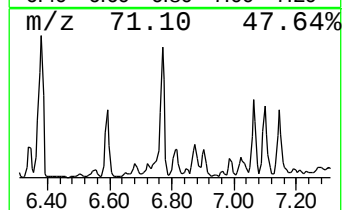
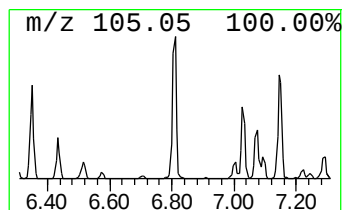
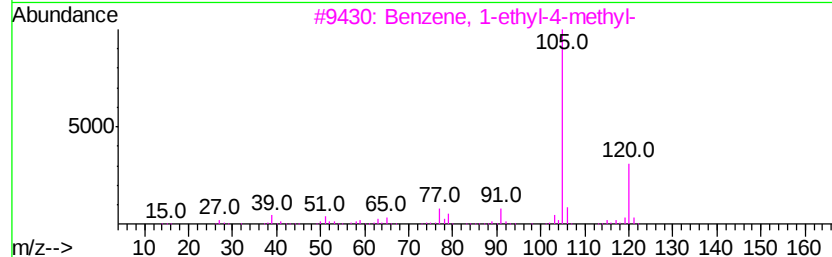
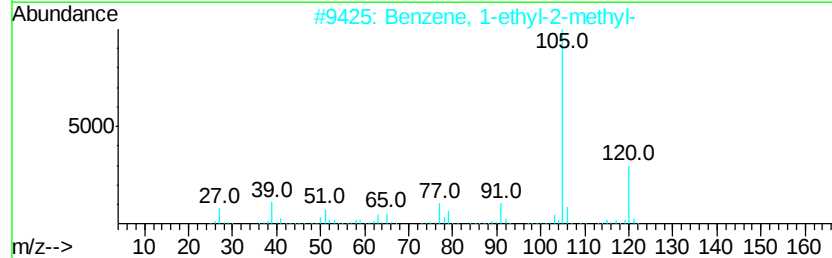
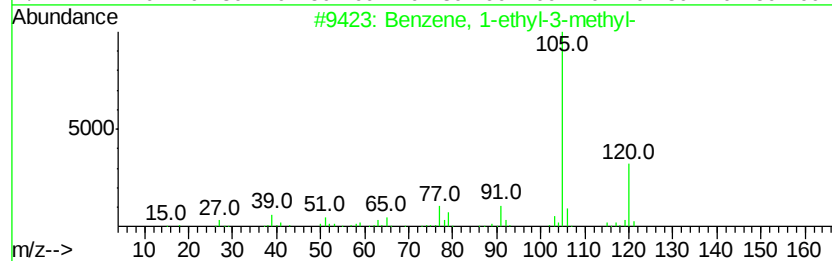
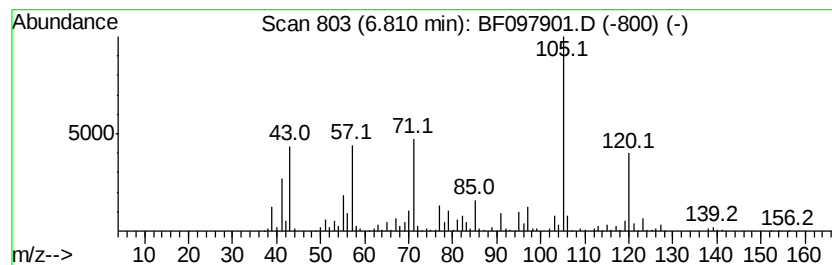
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	16.47 ng	752233	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46
4		Mesitylene	120	C9H12	000108-67-8	42
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	42



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097901.D
Acq On : 21 Aug 2017 12:45
Operator : SJ/JU
Sample : I4869-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-B(0-5)COMP

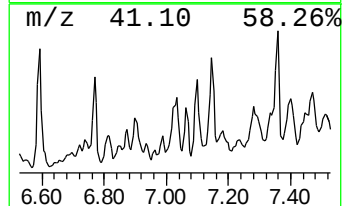
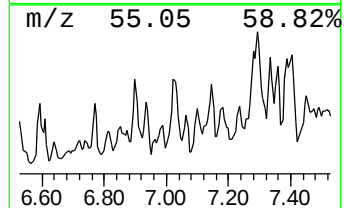
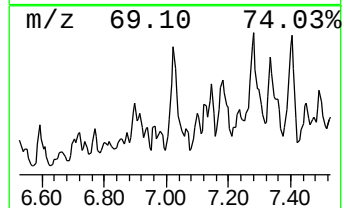
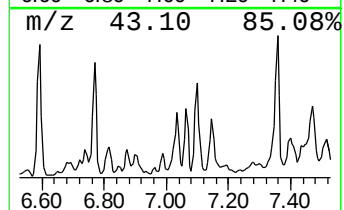
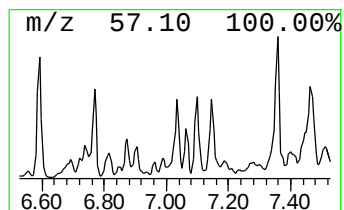
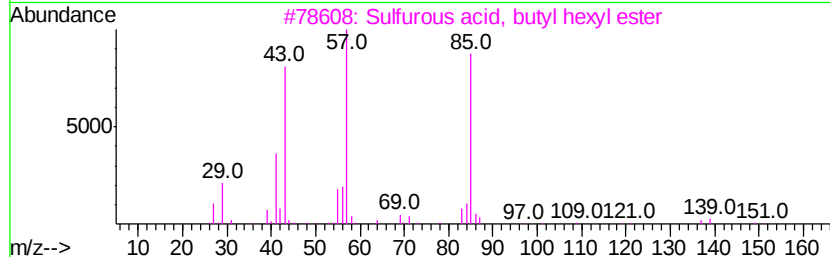
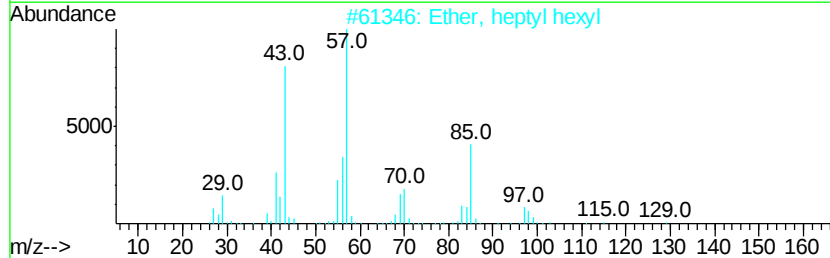
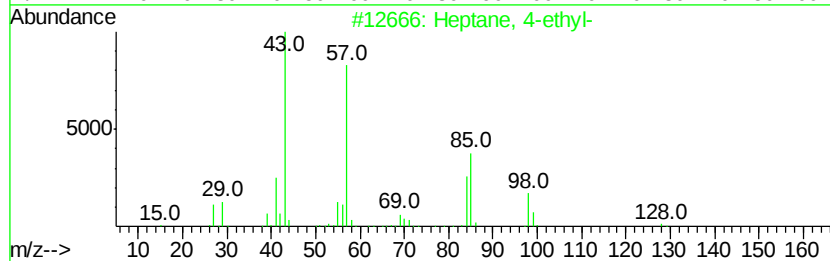
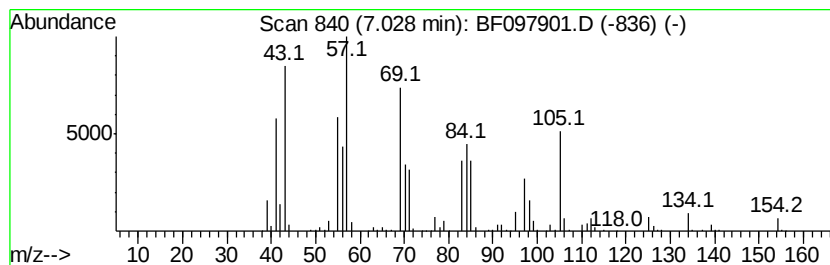
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	27.68 ng	1263950	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
2		Ether, heptyl hexyl	200	C13H28O	007289-40-9	43
3		Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	38
4		Acetic acid, trichloro-, nonyl e...	288	C11H19Cl3O2	065611-32-7	38
5		Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	35



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097901.D
Acq On : 21 Aug 2017 12:45
Operator : SJ/JU
Sample : I4869-03
Misc :
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Instrument :
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ClientSampleId :
SASP2P-TP-106-B(0-5)COMP

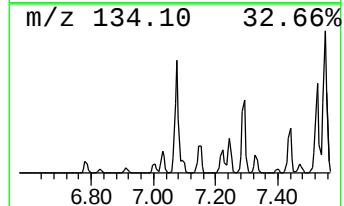
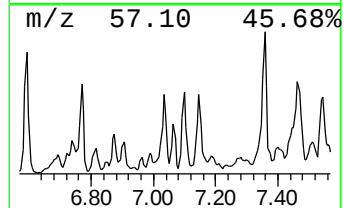
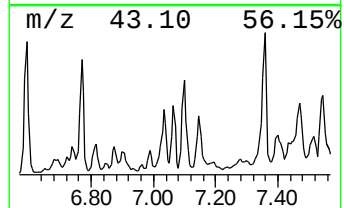
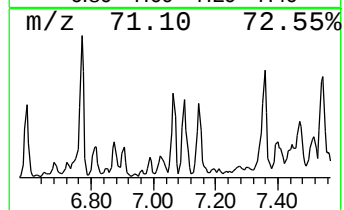
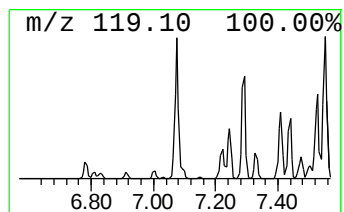
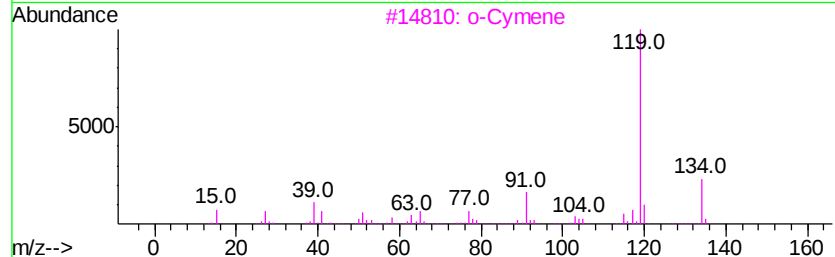
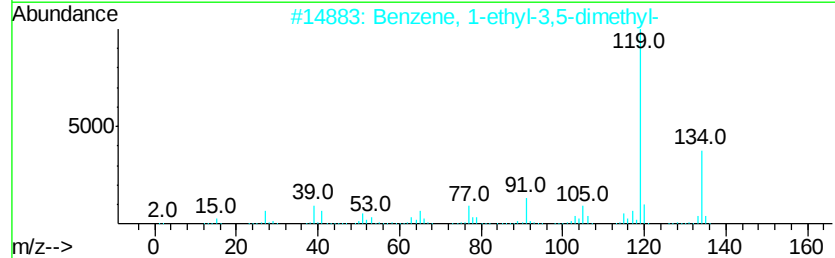
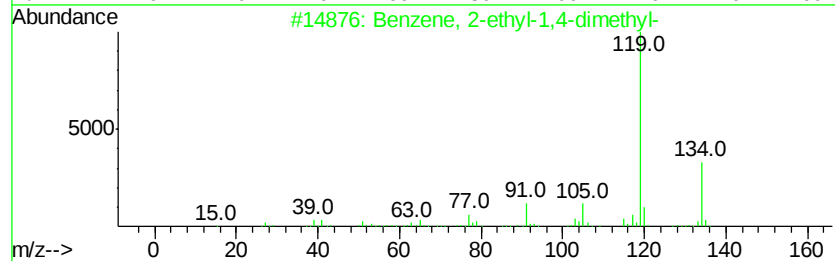
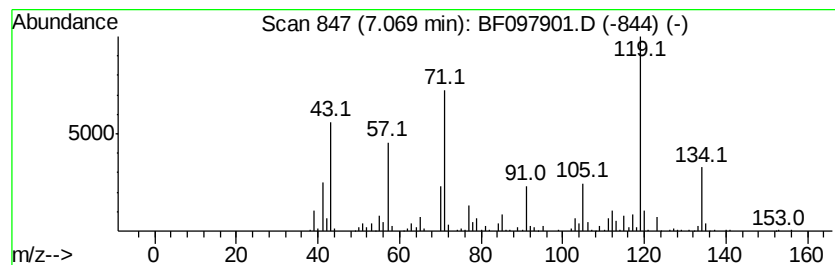
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	23.00 ng	1050200	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		o-Cymene	134	C10H14	000527-84-4	91
4		p-Cymene	134	C10H14	000099-87-6	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097901.D
Acq On : 21 Aug 2017 12:45
Operator : SJ/JU
Sample : I4869-03
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ClientSampleId :
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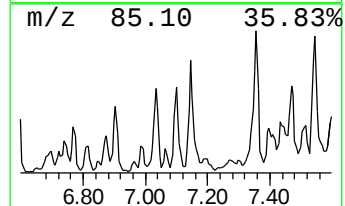
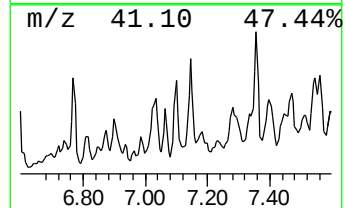
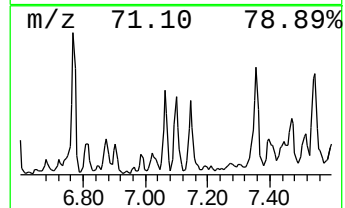
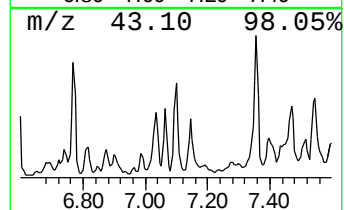
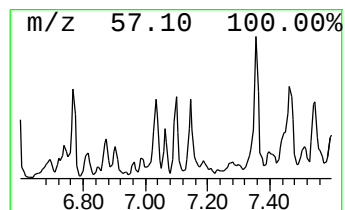
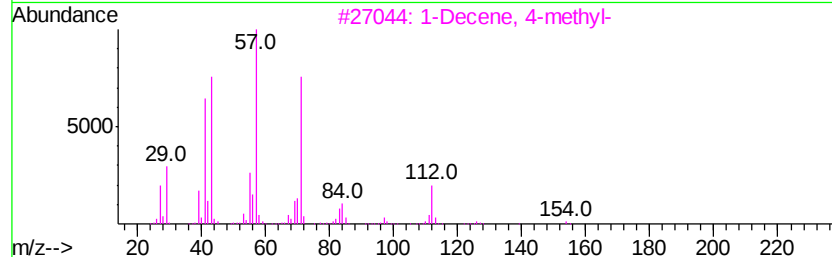
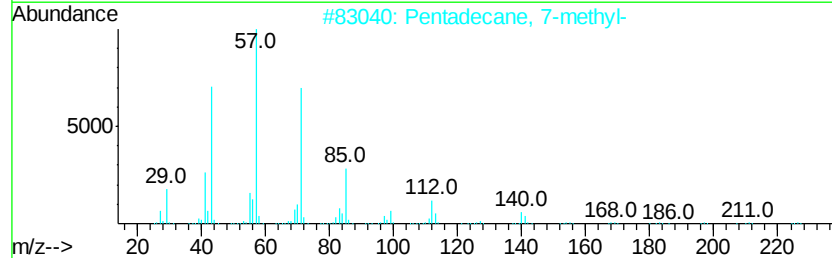
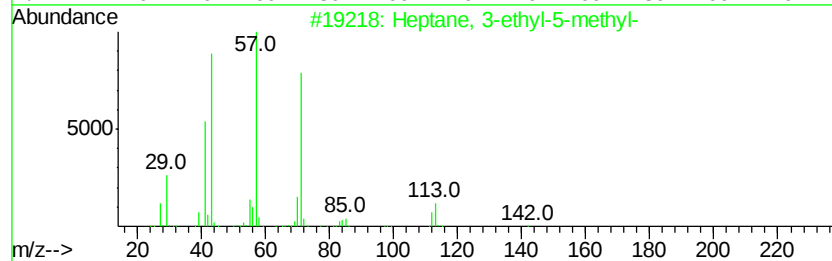
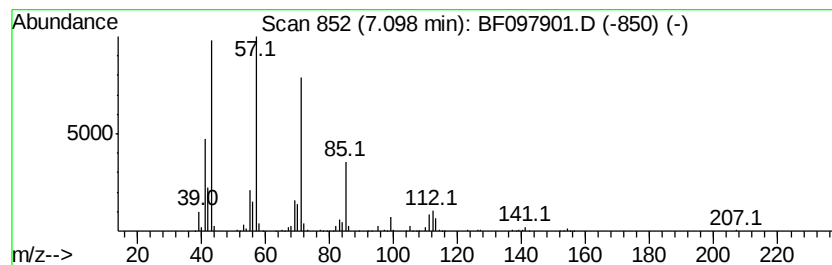
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptane, 3-ethyl-5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	16.42 ng	749781	1,4-Dichlorobenzene-d4	6.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	76
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3		1-Decene, 4-methyl-	154	C11H22	013151-29-6	70
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
5		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097901.D
Acq On : 21 Aug 2017 12:45
Operator : SJ/JU
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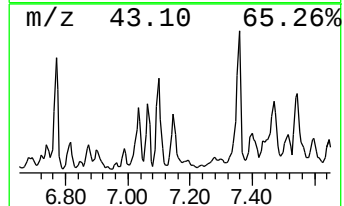
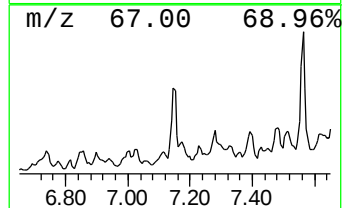
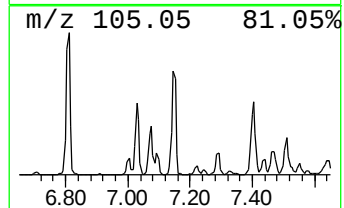
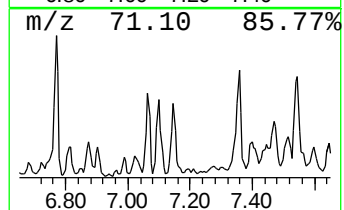
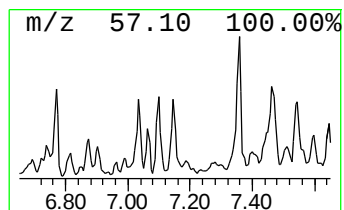
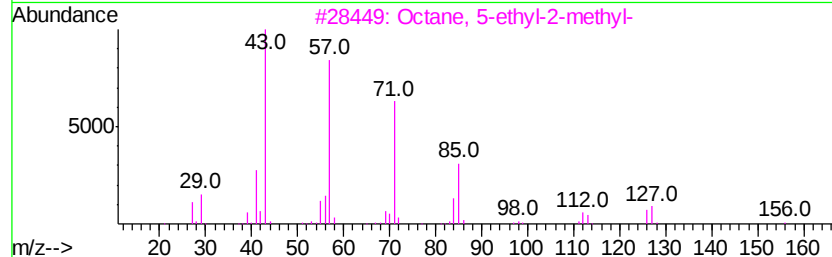
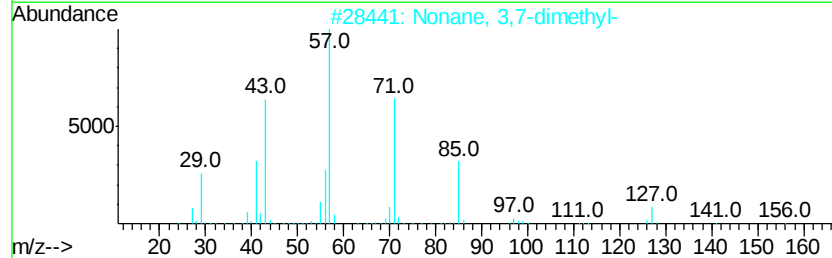
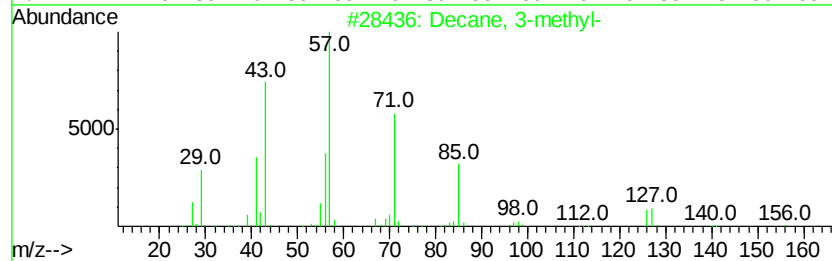
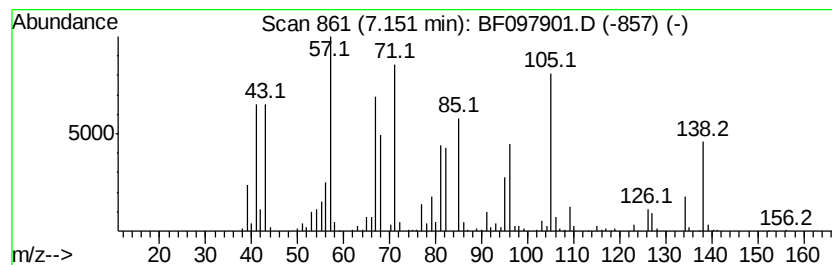
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	29.94 ng	1367380	1,4-Dichlorobenzene-d4	6.75

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	38
3		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	35
4		Undecane, 4-methyl-	170	C12H26	002980-69-0	27
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	27



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
Data File : BF097901.D
Acq On : 21 Aug 2017 12:45
Operator : SJ/JU
Sample : I4869-03
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Instrument :
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ClientSampleId :
SASP2P-TP-106-B(0-5)COMP

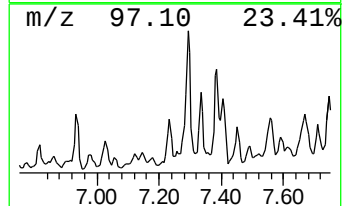
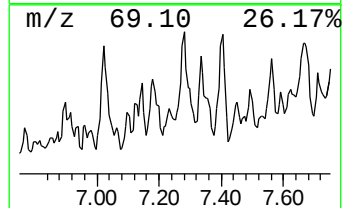
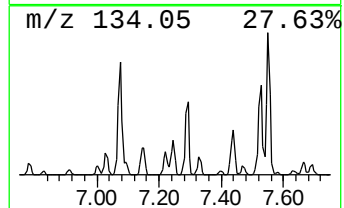
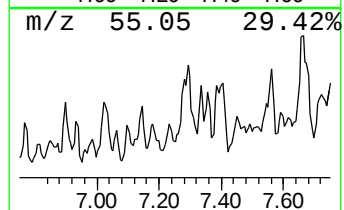
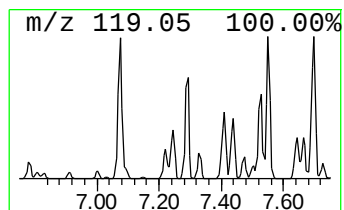
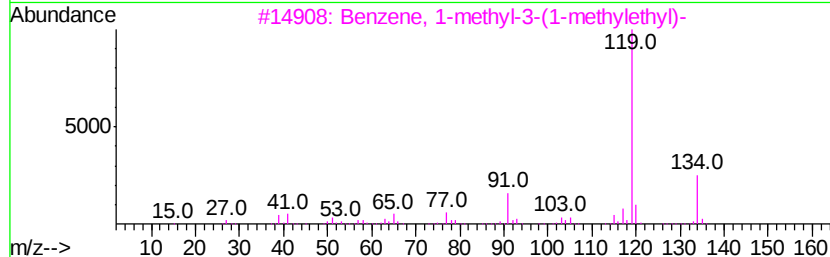
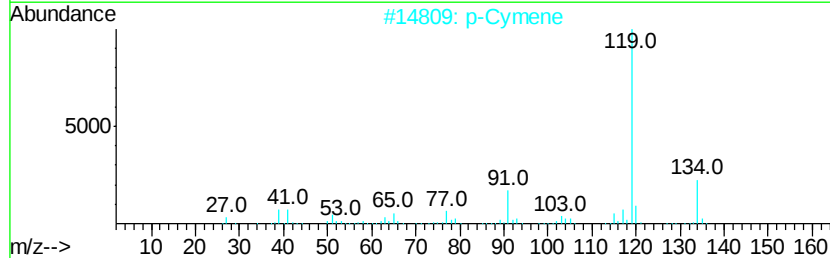
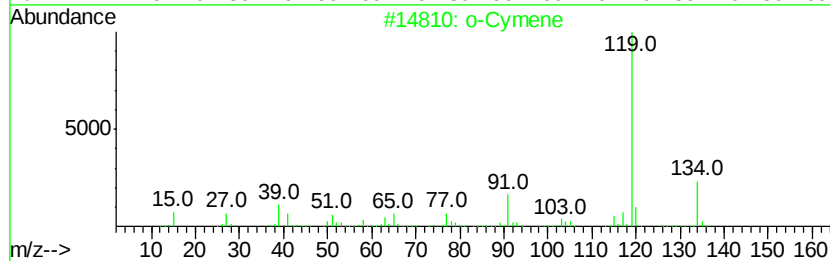
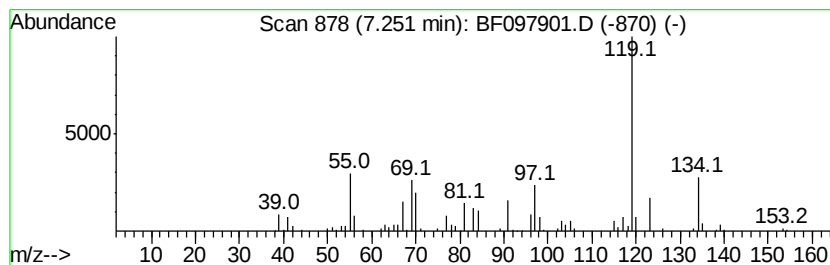
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	10.97 ng	500887	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	94
2		p-Cymene	134	C10H14	000099-87-6	94
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	94
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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Acq On : 21 Aug 2017 12:45
Operator : SJ/JU
Sample : I4869-03
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ALS Vial : 7 Sample Multiplier: 1

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SASP2P-TP-106-B(0-5)COMP

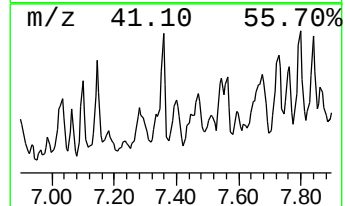
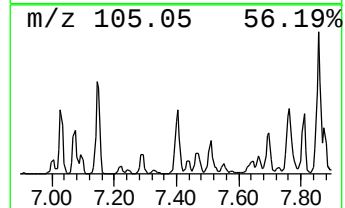
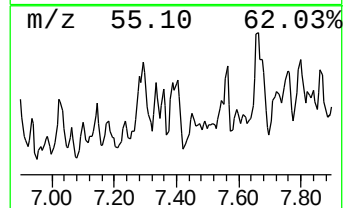
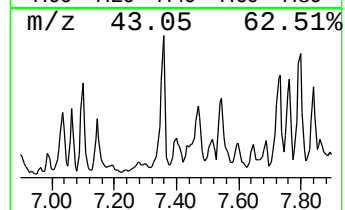
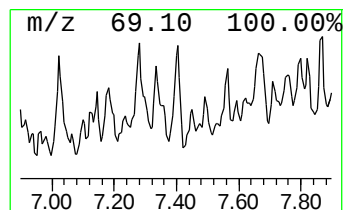
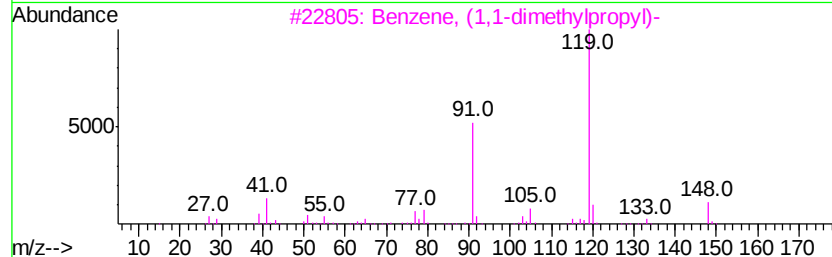
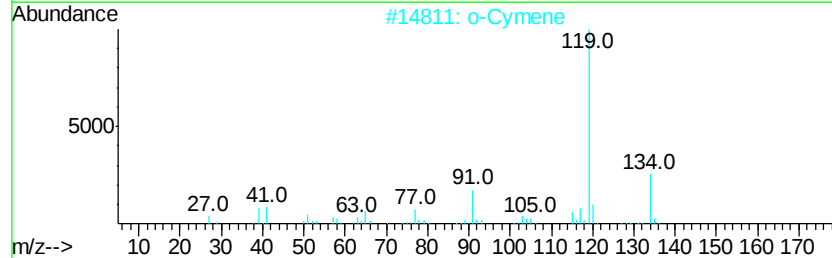
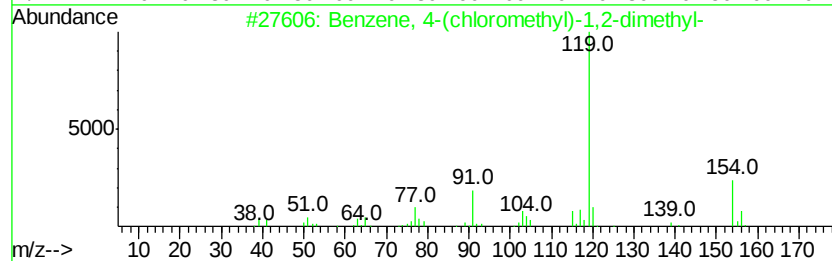
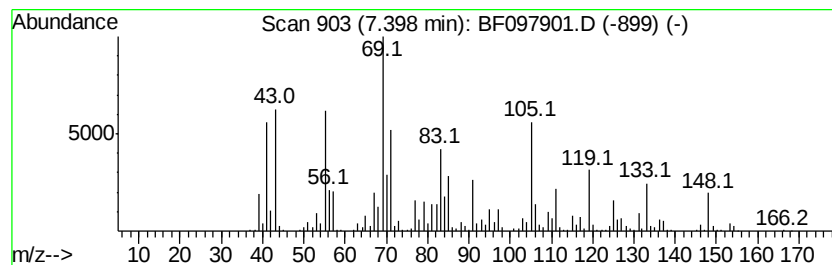
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.40 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	11.46 ng	1577420	Napthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	38
2		o-Cymene	134	C10H14	000527-84-4	38
3		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
4		p-Cymene	134	C10H14	000099-87-6	25
5		Benzene, 2-chloro-1,3,5-trimethyl-	154	C9H11Cl	001667-04-5	25



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Acq On : 21 Aug 2017 12:45
Operator : SJ/JU
Sample : I4869-03
Misc :
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Instrument :
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ClientSampleId :
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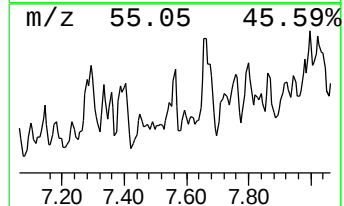
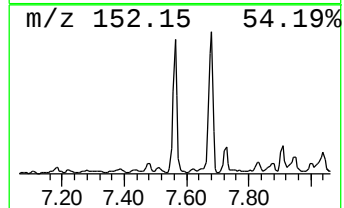
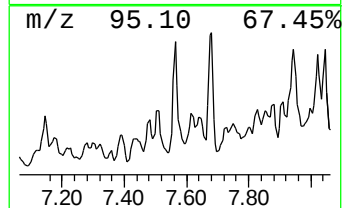
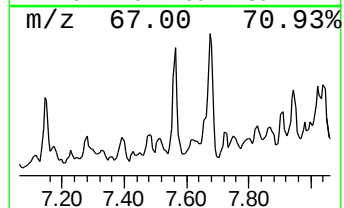
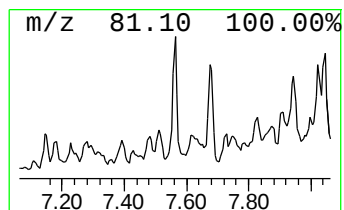
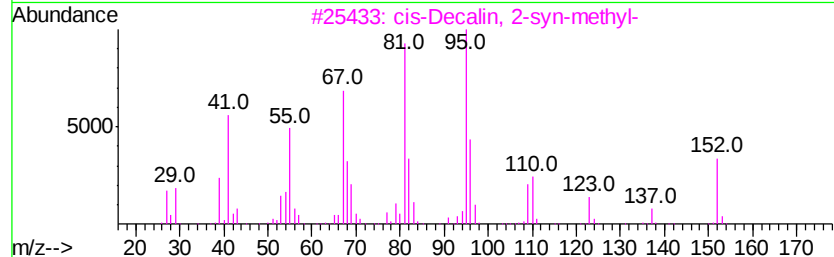
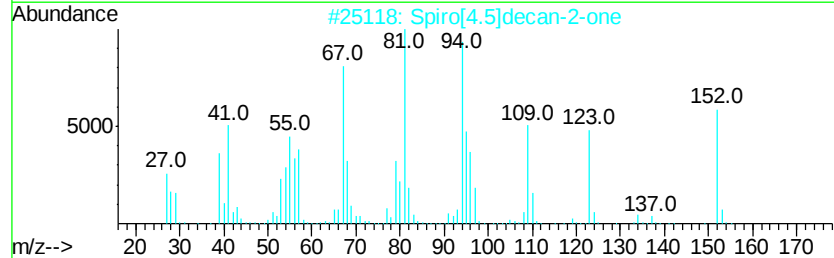
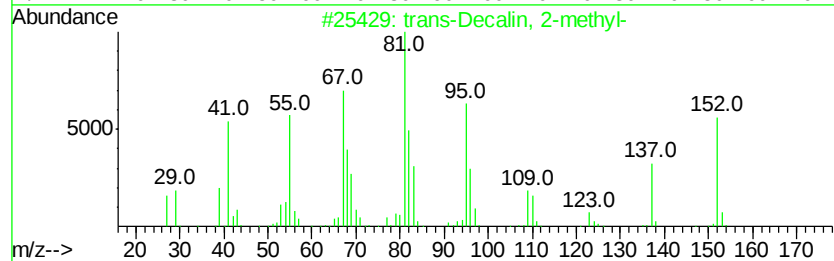
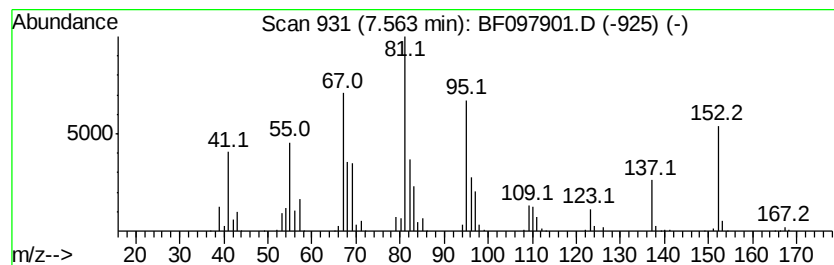
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 trans-Decalin, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	17.89 ng	2462750	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	96
2		Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	74
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
Data File : BF097901.D
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Misc :
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SASP2P-TP-106-B(0-5)COMP

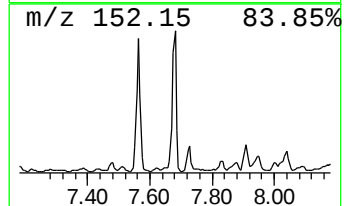
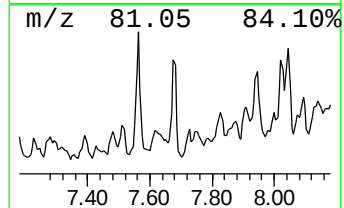
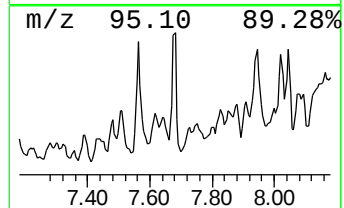
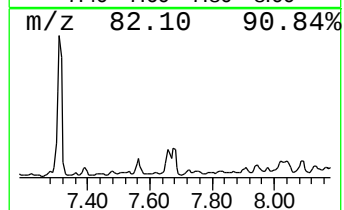
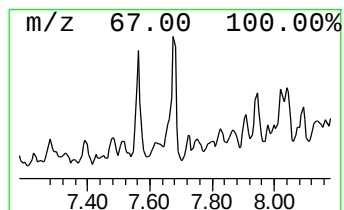
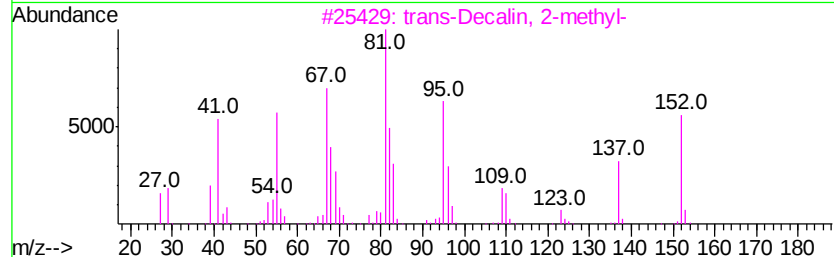
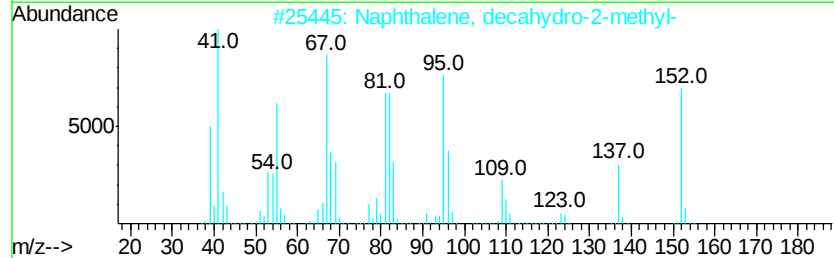
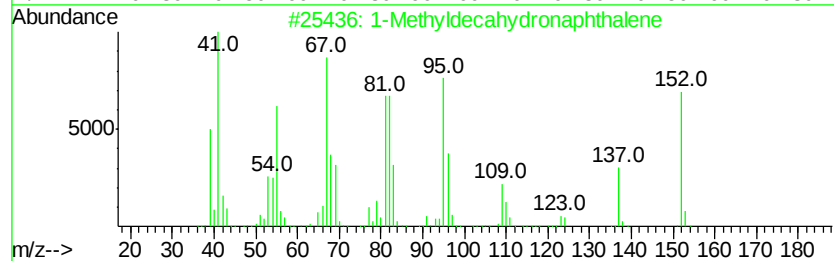
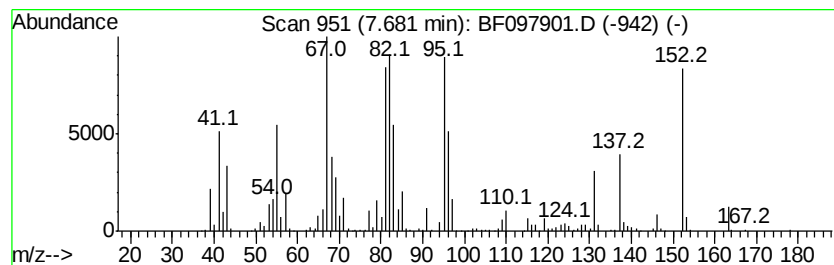
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Methyldecahydronaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	20.32 ng	2798320	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	76
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	58
5		9-Eicosyne	278	C20H38	071899-38-2	50



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097901.D
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Instrument :
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ClientSampleId :
SASP2P-TP-106-B(0-5)COMP

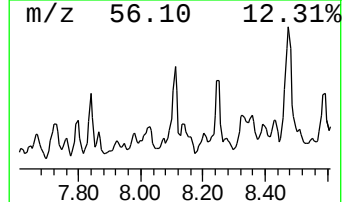
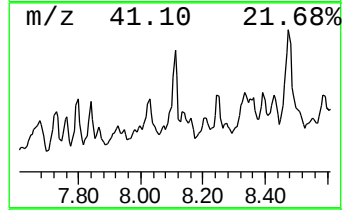
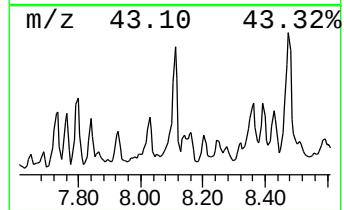
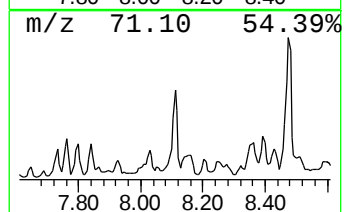
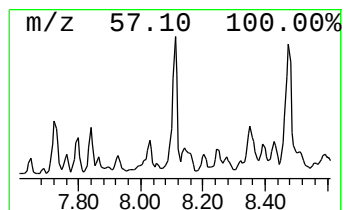
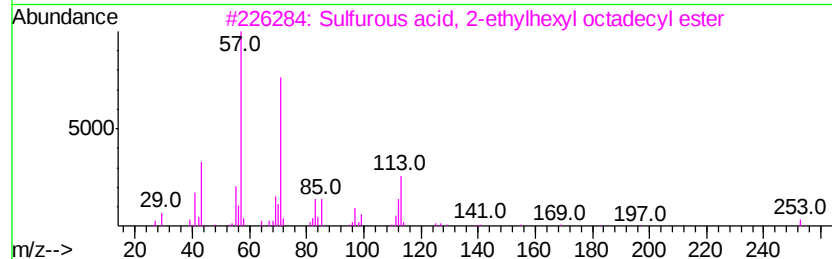
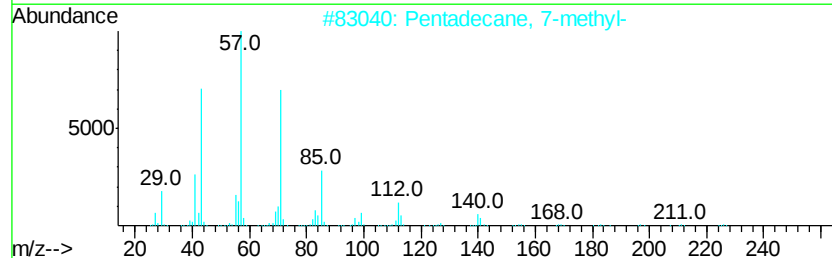
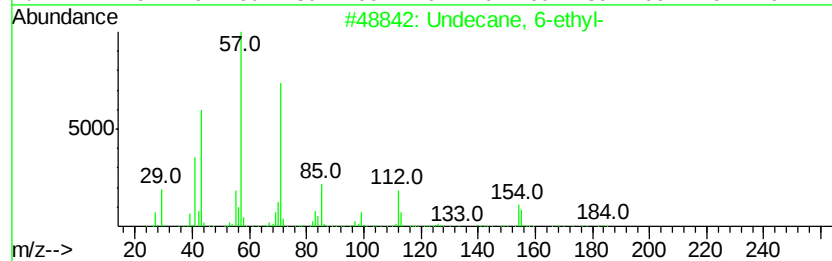
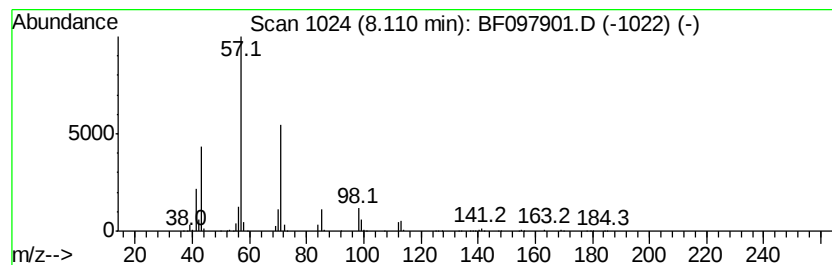
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 6-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	14.08 ng	1938010	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	78
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3		Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	72
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097901.D
Acq On : 21 Aug 2017 12:45
Operator : SJ/JU
Sample : I4869-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SASP2P-TP-106-B(0-5)COMP

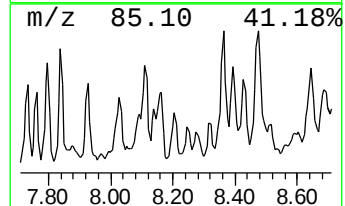
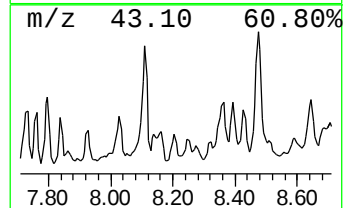
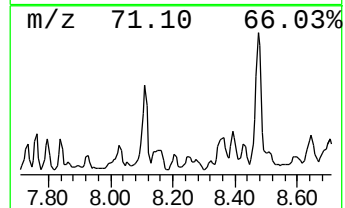
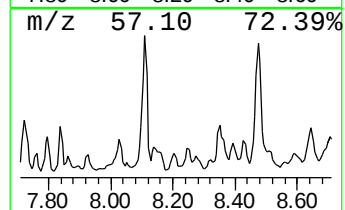
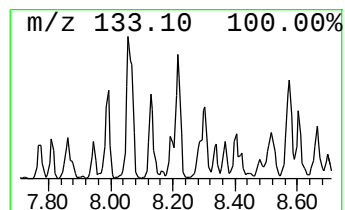
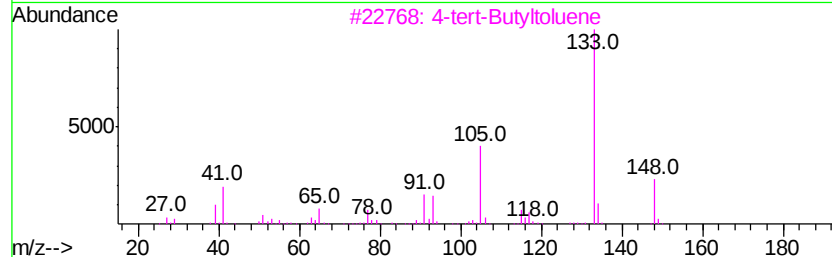
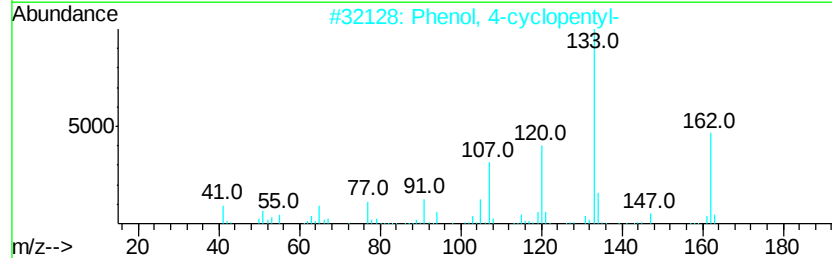
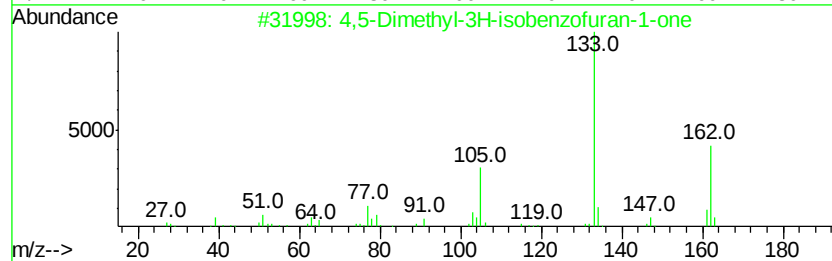
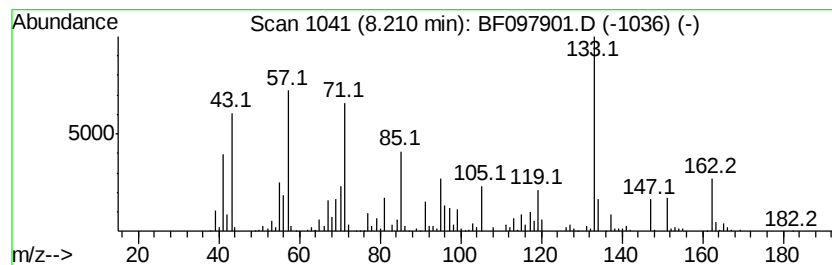
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown8.21 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	12.18 ng	1676890	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	35
2		Phenol, 4-cyclopentyl-	162	C11H14O	001518-83-8	35
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	22
4		Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	18
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	14



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
Data File : BF097901.D
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Operator : SJ/JU
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Instrument :
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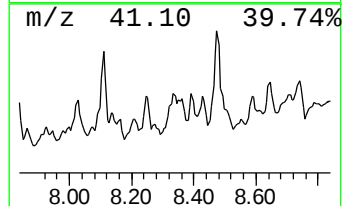
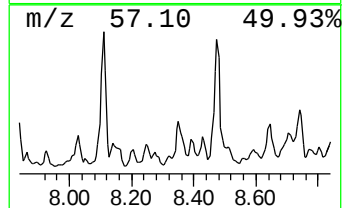
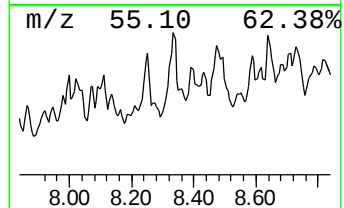
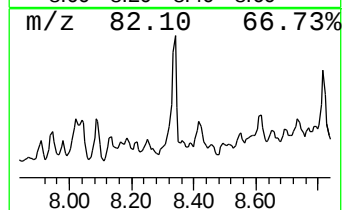
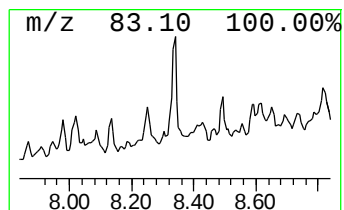
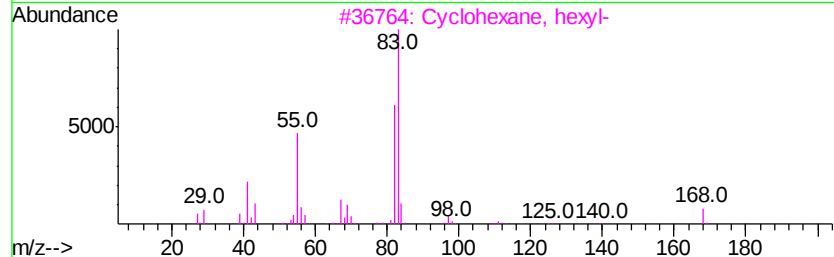
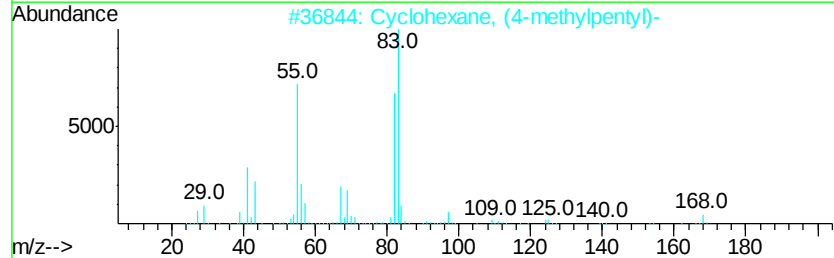
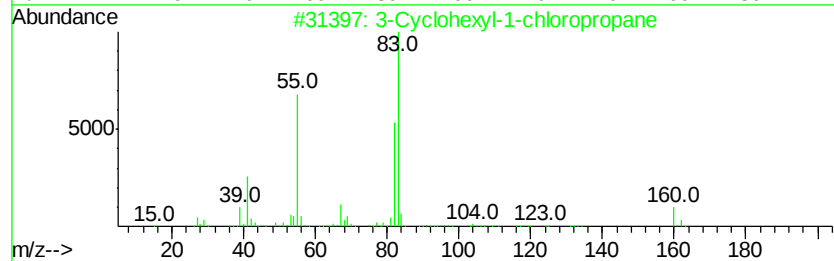
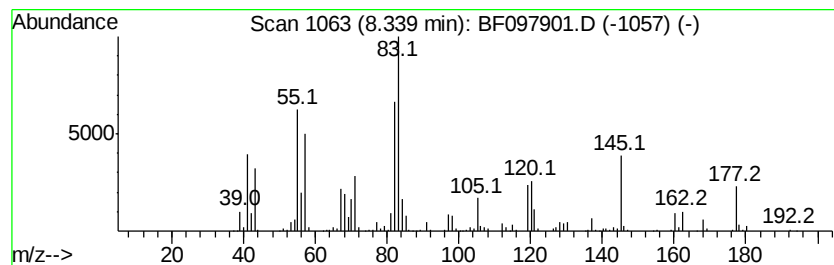
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown8.34 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	17.26 ng	2376270	Napthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	43
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
Data File : BF097901.D
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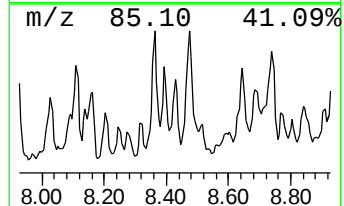
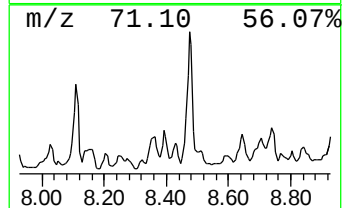
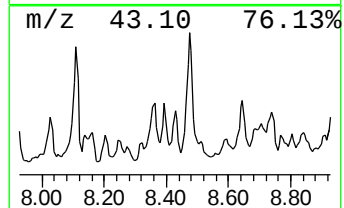
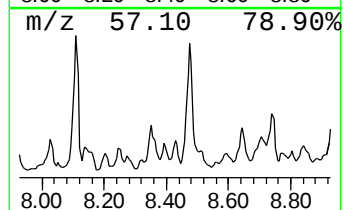
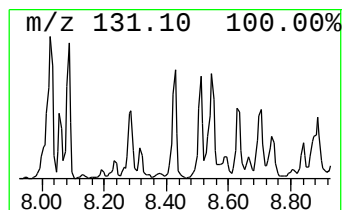
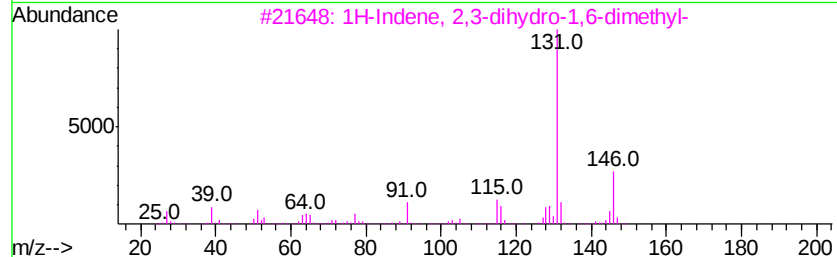
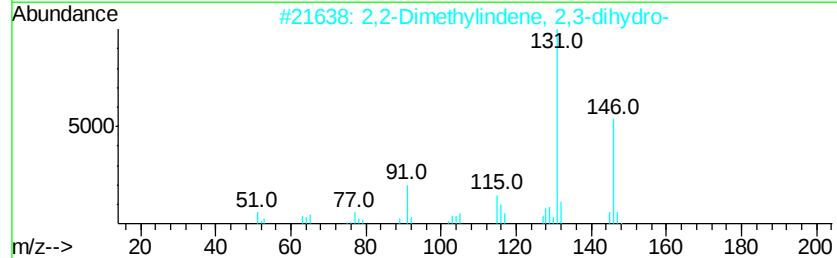
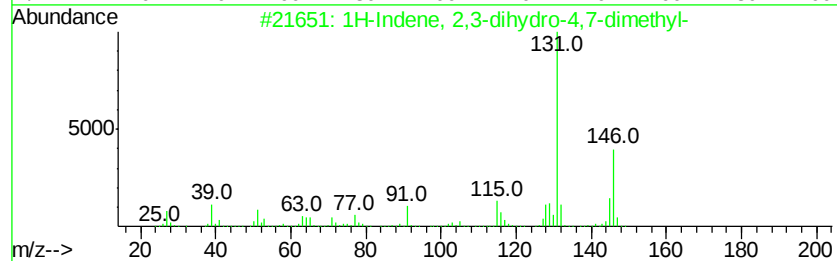
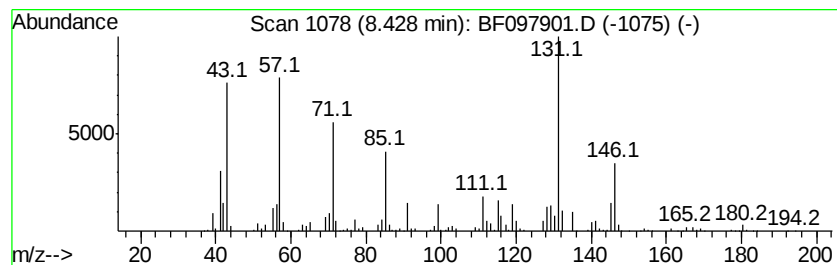
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	10.43 ng	1436380	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
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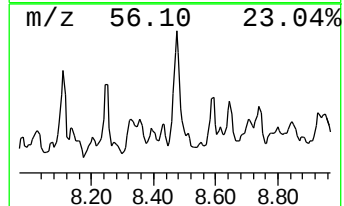
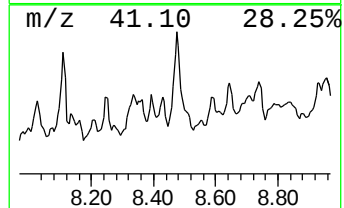
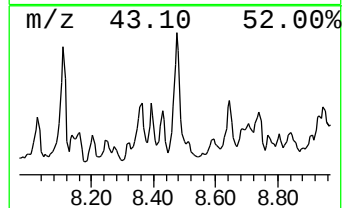
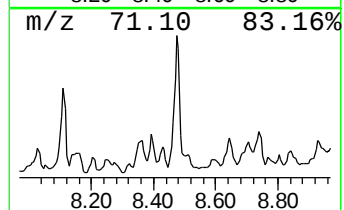
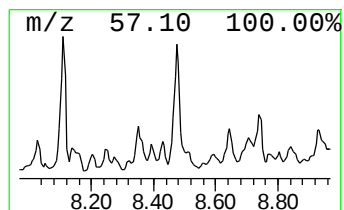
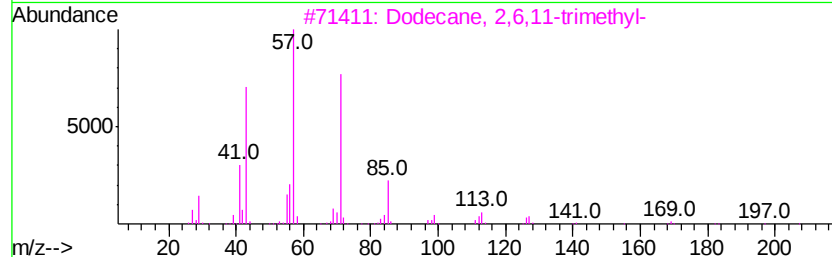
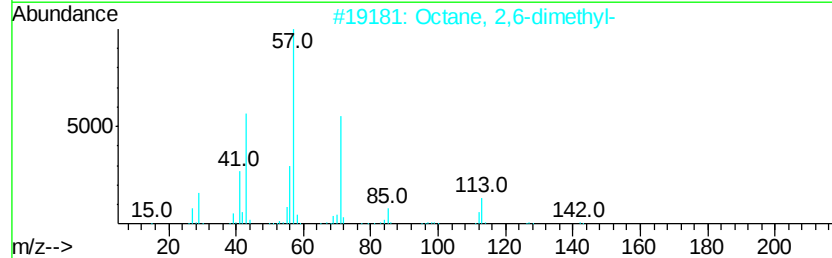
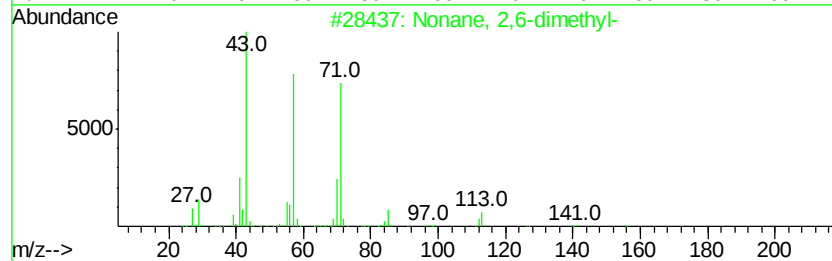
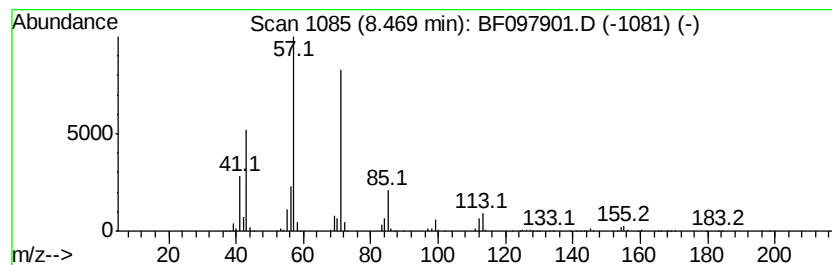
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	35.46 ng	4882750	Napthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	78
5		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097901.D
Acq On : 21 Aug 2017 12:45
Operator : SJ/JU
Sample : I4869-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-B(0-5)COMP

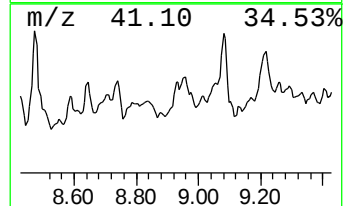
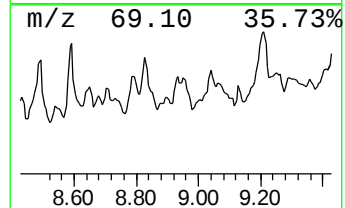
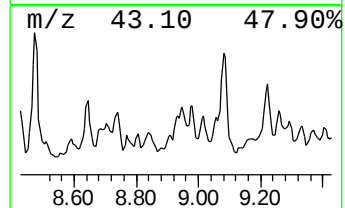
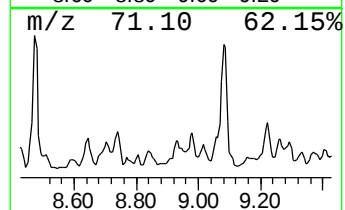
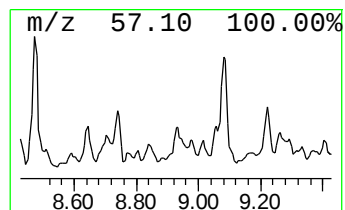
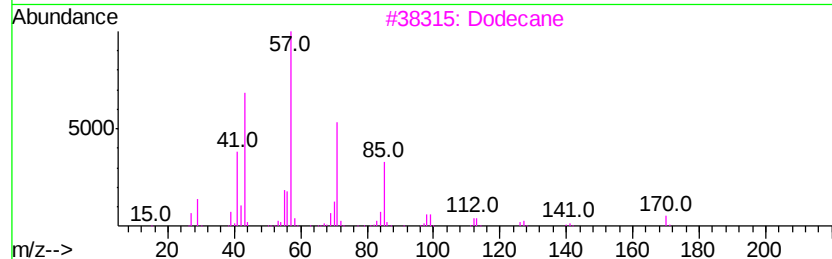
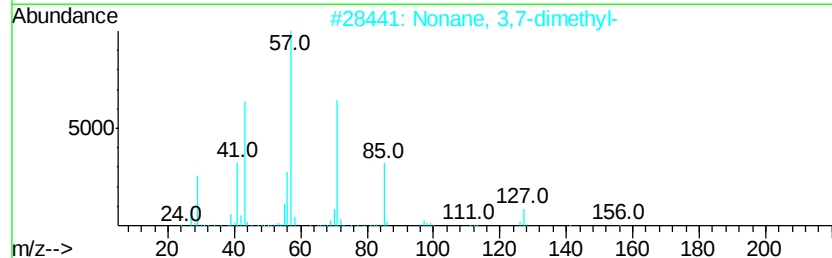
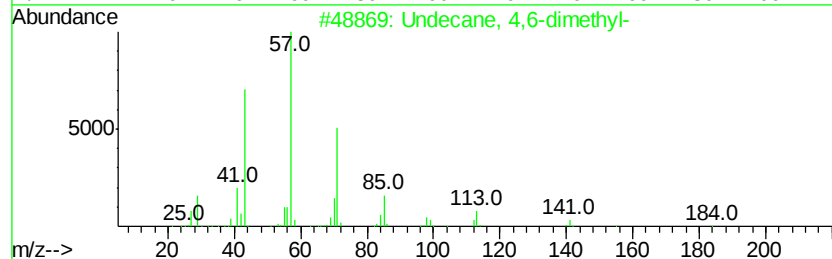
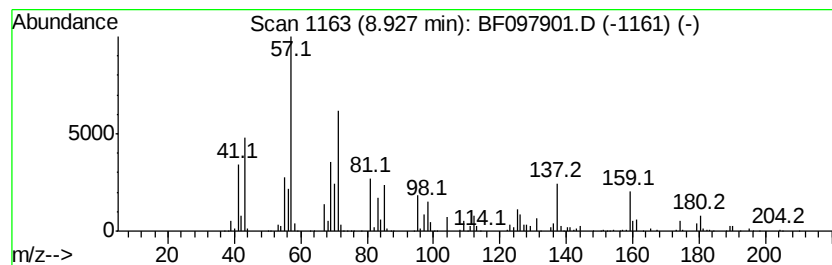
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown8.93 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	15.38 ng	994674	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	46
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46
3		Dodecane	170	C12H26	000112-40-3	43
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38
5		Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	38



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097901.D
Acq On : 21 Aug 2017 12:45
Operator : SJ/JU
Sample : I4869-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-B(0-5)COMP

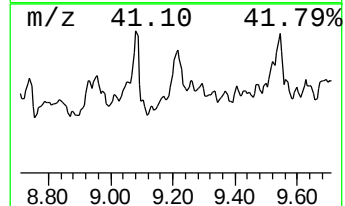
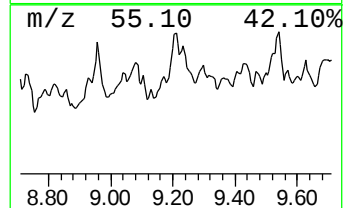
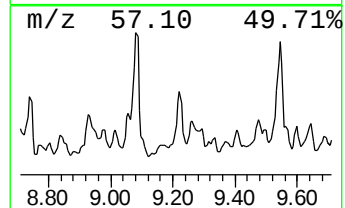
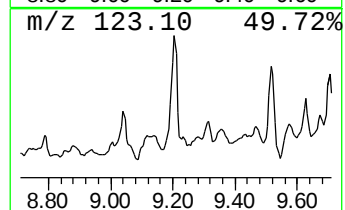
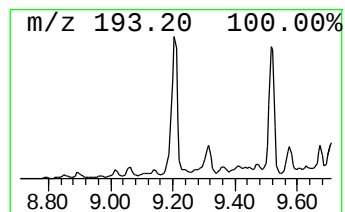
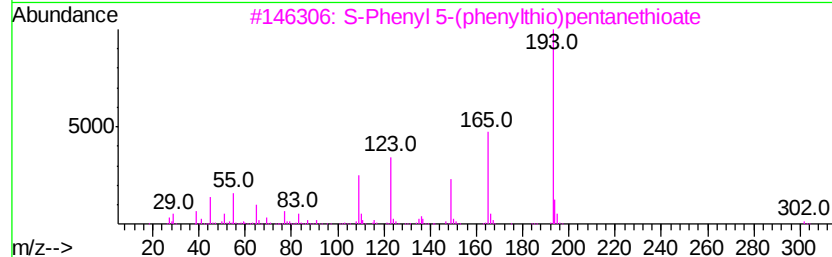
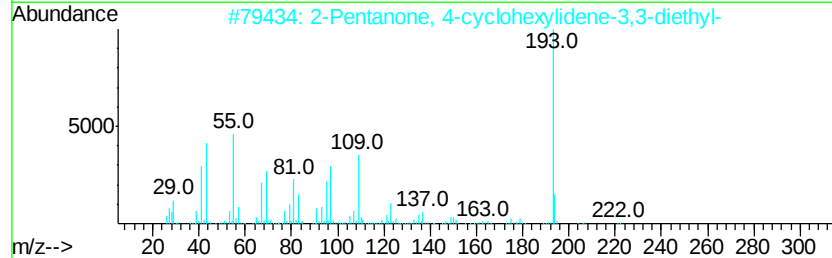
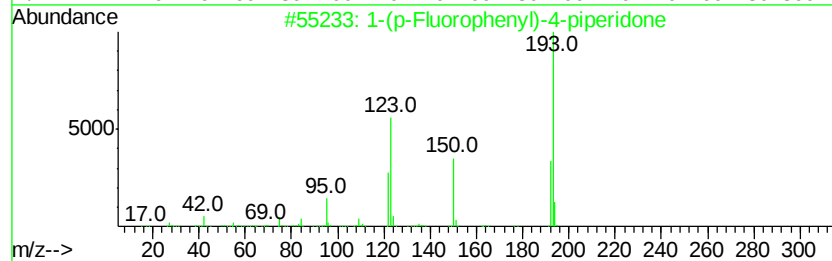
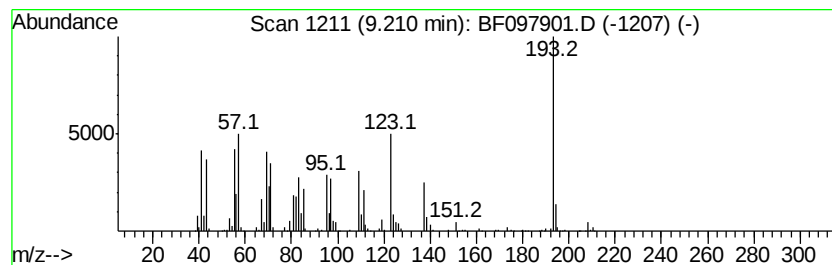
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown9.21 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	53.79 ng	3479410	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN0	1000238-56-7	46
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3		S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	28
4		2-Anthracenamine	193	C14H11N	000613-13-8	27
5		2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	25



Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
 Data File : BF097901.D
 Acq On : 21 Aug 2017 12:45
 Operator : SJ/JU
 Sample : I4869-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-B(0-5)COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
Cyclohexane, 1,1,...	6.28	19.4	ng	886853	1	6.75	913312	20.0
unknown6.52	6.52	70.1	ng	3201370	1	6.75	913312	20.0
Octane, 3,5-dimet...	6.59	33.0	ng	1505540	1	6.75	913312	20.0
Benzene, 1-ethyl-...	6.81	16.5	ng	752233	1	6.75	913312	20.0
unknown7.03	7.03	27.7	ng	1263950	1	6.75	913312	20.0
Benzene, 2-ethyl-...	7.07	23.0	ng	1050200	1	6.75	913312	20.0
Heptane, 3-ethyl-...	7.10	16.4	ng	749781	1	6.75	913312	20.0
Decane, 3-methyl-	7.15	29.9	ng	1367380	1	6.75	913312	20.0
o-Cymene	7.25	11.0	ng	500887	1	6.75	913312	20.0
unknown7.40	7.40	11.5	ng	1577420	2	8.04	2753670	20.0
trans-Decalin, 2-...	7.56	17.9	ng	2462750	2	8.04	2753670	20.0
1-Methyldecahydro...	7.68	20.3	ng	2798320	2	8.04	2753670	20.0
Undecane, 6-ethyl-	8.11	14.1	ng	1938010	2	8.04	2753670	20.0
unknown8.21	8.21	12.2	ng	1676890	2	8.04	2753670	20.0
unknown8.34	8.34	17.3	ng	2376270	2	8.04	2753670	20.0
1H-Indene, 2,3-di...	8.43	10.4	ng	1436380	2	8.04	2753670	20.0
Nonane, 2,6-dimet...	8.47	35.5	ng	4882750	2	8.04	2753670	20.0
unknown8.93	8.93	15.4	ng	994674	3	9.80	1293690	20.0
unknown9.21	9.21	53.8	ng	3479410	3	9.80	1293690	20.0