

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082218\
 Data File : BF108391.D
 Acq On : 22 Aug 2018 18:55
 Operator : JU/SJ
 Sample : J4561-02 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-R-P-T-WC-1-COMPOSITE

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.613	554	557	569	rVB	363436	337821	19.84%	0.967%
2	6.013	619	625	626	rBV2	37488	46317	2.72%	0.133%
3	6.189	653	655	659	rBV3	36671	40356	2.37%	0.116%
4	6.295	671	673	676	rVB	75166	57661	3.39%	0.165%
5	6.331	676	679	682	rBV4	39393	56059	3.29%	0.160%
6	6.442	692	698	700	rBV3	50453	61882	3.63%	0.177%
7	6.478	700	704	708	rVB3	31810	41041	2.41%	0.117%
8	6.536	708	714	719	rBV3	66289	141823	8.33%	0.406%
9	6.607	723	726	730	rBV	426949	424537	24.93%	1.215%
10	6.672	734	737	739	rVB	132062	109493	6.43%	0.313%
11	6.695	739	741	744	rBV	61594	53287	3.13%	0.153%
12	6.742	745	749	750	rBV2	96943	95030	5.58%	0.272%
13	6.766	750	753	760	rVB	484773	576025	33.82%	1.649%
14	6.831	760	764	766	rBV4	68801	97219	5.71%	0.278%
15	6.854	766	768	771	rVB	161548	123513	7.25%	0.354%
16	6.907	771	777	781	rBV3	150224	228086	13.39%	0.653%
17	6.954	781	785	788	rBV3	149642	232427	13.65%	0.665%
18	7.001	788	793	796	rVB	1143027	1108330	65.08%	3.173%
19	7.042	796	800	801	rBV3	74174	93290	5.48%	0.267%
20	7.095	804	809	813	rVB3	182269	250659	14.72%	0.718%
21	7.131	813	815	817	rBV2	145046	115266	6.77%	0.330%
22	7.154	817	819	824	rVB2	370009	429871	25.24%	1.231%
23	7.195	824	826	827	rBV	62891	37318	2.19%	0.107%
24	7.213	827	829	832	rVB	110726	94340	5.54%	0.270%
25	7.266	832	838	841	rVB2	275922	328290	19.28%	0.940%
26	7.378	853	857	860	rVB4	95804	123907	7.28%	0.355%
27	7.419	860	864	868	rBV3	239507	368111	21.61%	1.054%
28	7.466	868	872	876	rBV4	161871	216981	12.74%	0.621%
29	7.519	876	881	884	rBV3	316338	496516	29.15%	1.421%
30	7.560	885	888	892	rBV2	248711	319527	18.76%	0.915%
31	7.595	892	894	896	rVB3	228098	181732	10.67%	0.520%
32	7.636	896	901	904	rBV4	464316	740191	43.46%	2.119%
33	7.672	904	907	908	rBV	143751	130814	7.68%	0.374%
34	7.731	912	917	919	rBV4	176829	313490	18.41%	0.897%

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35	7.783	923	926	927	rBV2	206446	198893	11.68%	0.569%
36	7.807	927	930	935	rVB2	833863	941491	55.28%	2.695%
37	7.860	935	939	941	rBV2	298907	377880	22.19%	1.082%
38	7.919	946	949	951	rBV	747820	646493	37.96%	1.851%
39	7.978	955	959	963	rBV5	258566	510567	29.98%	1.462%
40	8.036	967	969	971	rVB2	122951	91968	5.40%	0.263%
41	8.095	974	979	985	rBV6	256460	545930	32.06%	1.563%
42	8.148	985	988	991	rVB2	528097	457351	26.85%	1.309%
43	8.183	991	994	1000	rVB6	249331	390995	22.96%	1.119%
44	8.230	1000	1002	1003	rBV	215631	172919	10.15%	0.495%
45	8.283	1008	1011	1016	rVV	1727149	1703081	100.00%	4.875%
46	8.325	1016	1018	1022	rVB3	372358	428618	25.17%	1.227%
47	8.366	1022	1025	1027	rBV2	463853	413257	24.27%	1.183%
48	8.389	1027	1029	1030	rBV2	64411	35846	2.10%	0.103%
49	8.419	1032	1034	1036	rVB2	197114	142234	8.35%	0.407%
50	8.460	1038	1041	1043	rBV2	365082	422194	24.79%	1.209%
51	8.483	1043	1045	1047	rVB	548508	397717	23.35%	1.138%
52	8.566	1054	1059	1064	rVB5	425809	880521	51.70%	2.521%
53	8.625	1064	1069	1072	rBV5	441620	800116	46.98%	2.290%
54	8.666	1072	1076	1078	rVB4	270932	370628	21.76%	1.061%
55	8.719	1081	1085	1094	rVB6	744024	1451479	85.23%	4.155%
56	8.783	1094	1096	1099	rBV2	394298	443744	26.06%	1.270%
57	8.819	1099	1102	1104	rVB	616748	432610	25.40%	1.238%
58	8.842	1104	1106	1110	rVB3	181835	180122	10.58%	0.516%
59	8.901	1113	1116	1118	rBV3	353662	315642	18.53%	0.904%
60	8.930	1118	1121	1123	rBV3	381600	381729	22.41%	1.093%
61	9.025	1135	1137	1139	rVB3	310497	247666	14.54%	0.709%
62	9.054	1139	1142	1148	rVB4	490929	585597	34.38%	1.676%
63	9.354	1189	1193	1198	rBV3	666126	727761	42.73%	2.083%
64	9.436	1204	1207	1210	rVB3	691377	670712	39.38%	1.920%
65	9.466	1210	1212	1214	rBV3	226830	188613	11.07%	0.540%
66	9.489	1214	1216	1217	rVV	227415	156786	9.21%	0.449%
67	9.577	1229	1231	1232	rBV2	174558	135459	7.95%	0.388%
68	9.613	1235	1237	1239	rVB2	199132	139479	8.19%	0.399%
69	9.748	1257	1260	1263	rBV2	931218	798094	46.86%	2.285%
70	9.836	1273	1275	1277	rVB2	318537	246502	14.47%	0.706%
71	9.907	1284	1287	1289	rBV	492846	409186	24.03%	1.171%

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72	9.954	1293	1295	1300	rVB3	558052	502964	29.53%	1.440%
73	9.995	1300	1302	1304	rBV2	199369	181072	10.63%	0.518%
74	10.024	1305	1307	1309	rBV3	274931	303344	17.81%	0.868%
75	10.048	1309	1311	1314	rVB2	1521032	1110232	65.19%	3.178%
76	10.242	1342	1344	1346	rBV	143538	123040	7.22%	0.352%
77	10.360	1361	1364	1366	rBV	388995	396541	23.28%	1.135%
78	10.701	1420	1422	1425	rVB2	194245	177997	10.45%	0.510%
79	10.836	1442	1445	1448	rBV4	309731	313291	18.40%	0.897%
80	10.866	1448	1450	1455	rVB4	186002	194233	11.40%	0.556%
81	11.030	1476	1478	1481	rBV	151404	117269	6.89%	0.336%
82	11.177	1501	1503	1506	rBV2	246595	237863	13.97%	0.681%
83	11.260	1515	1517	1519	rBV2	116076	114620	6.73%	0.328%
84	11.342	1528	1531	1533	rVB3	112787	102791	6.04%	0.294%
85	11.542	1561	1565	1568	rBV	1678641	1486775	87.30%	4.256%
86	11.566	1568	1569	1571	rVV	300635	166593	9.78%	0.477%
87	11.589	1571	1573	1576	rVB3	93888	67584	3.97%	0.193%
88	11.766	1601	1603	1613	rVB8	166457	381025	22.37%	1.091%
89	12.595	1741	1744	1746	rBV	144228	153014	8.98%	0.438%
90	12.760	1769	1772	1775	rBV	322102	275158	16.16%	0.788%
91	12.995	1809	1812	1817	rVB2	299395	328475	19.29%	0.940%
92	13.042	1817	1820	1823	rVB	92465	95202	5.59%	0.273%
93	13.124	1831	1834	1836	rBV	340884	297664	17.48%	0.852%
94	14.195	2011	2016	2018	rBV	1001881	1012008	59.42%	2.897%
95	14.218	2018	2020	2027	rVB	94959	93990	5.52%	0.269%
96	15.277	2197	2200	2204	rBV	51547	81349	4.78%	0.233%
97	15.606	2254	2256	2261	rVB	36897	43865	2.58%	0.126%
98	15.677	2264	2268	2272	rVB	51341	72368	4.25%	0.207%
99	15.748	2274	2280	2285	rBV	699387	940657	55.23%	2.693%
100	16.201	2354	2357	2362	rVB2	35489	51888	3.05%	0.149%

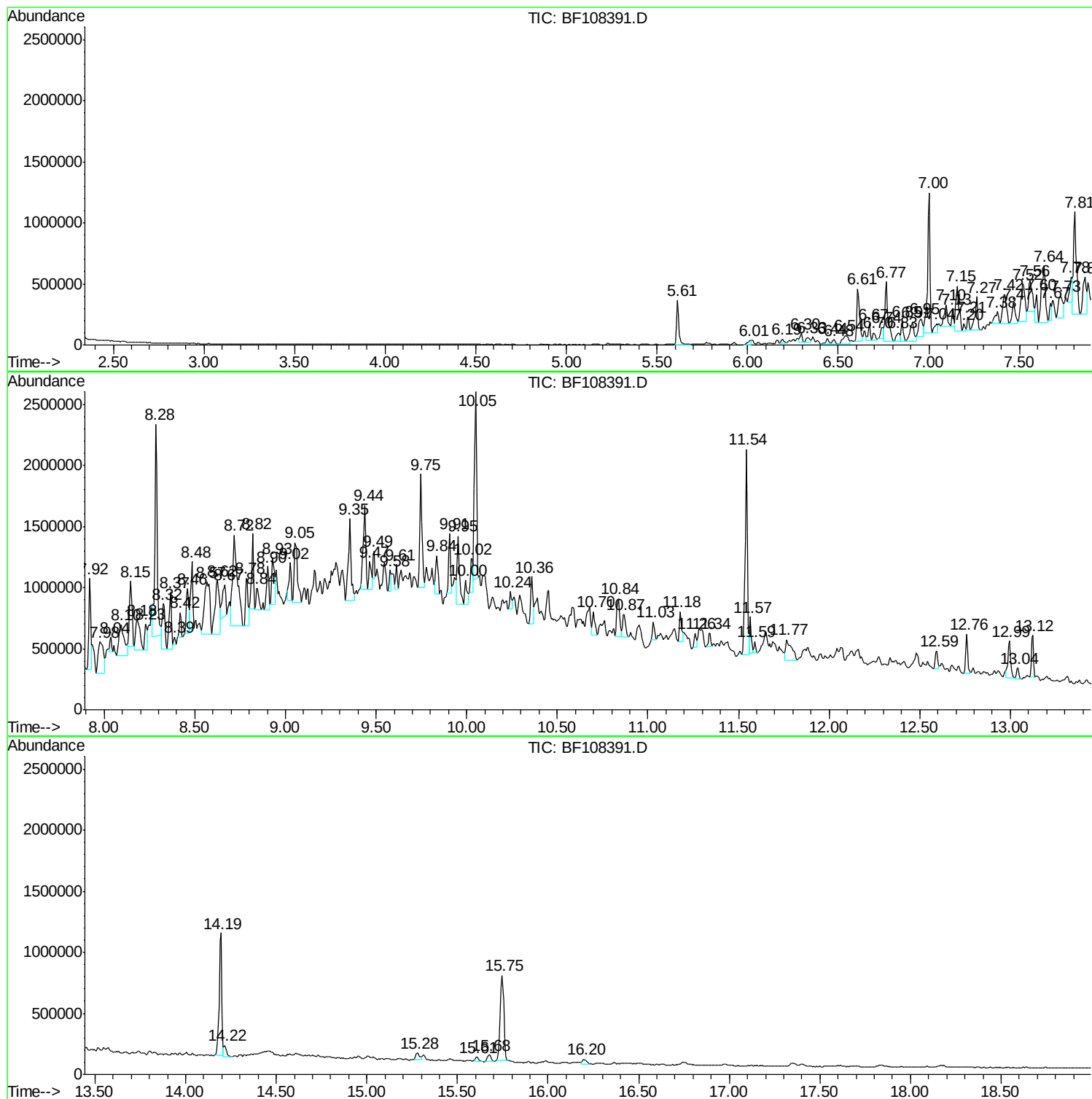
Sum of corrected areas: 34933962

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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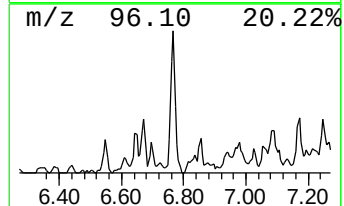
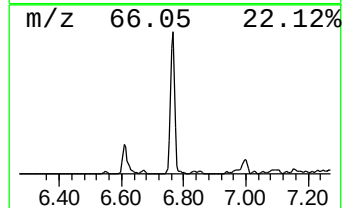
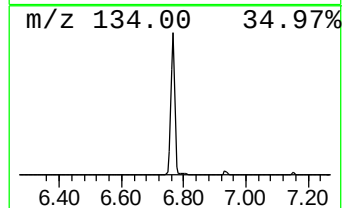
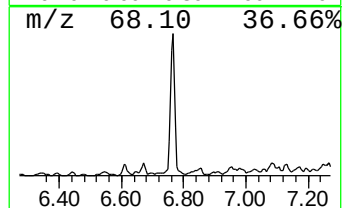
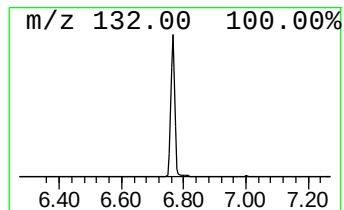
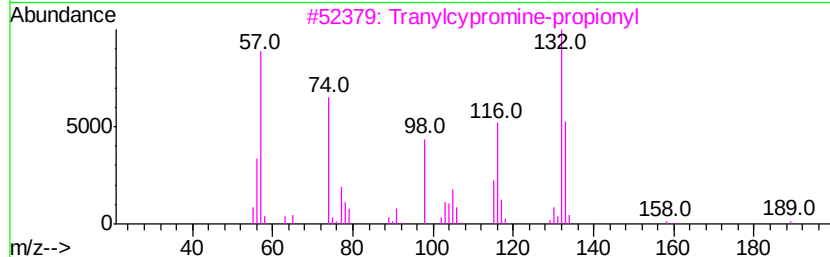
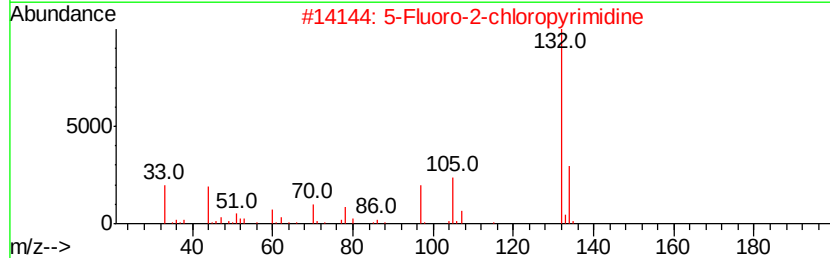
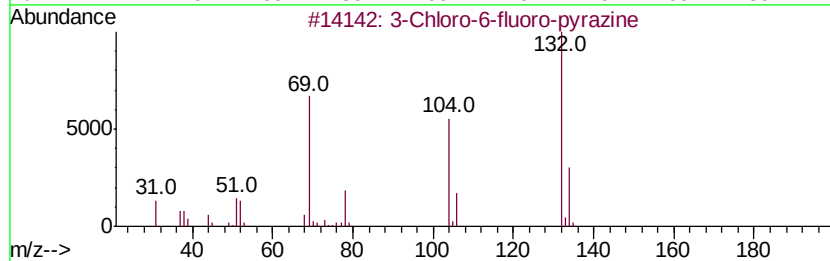
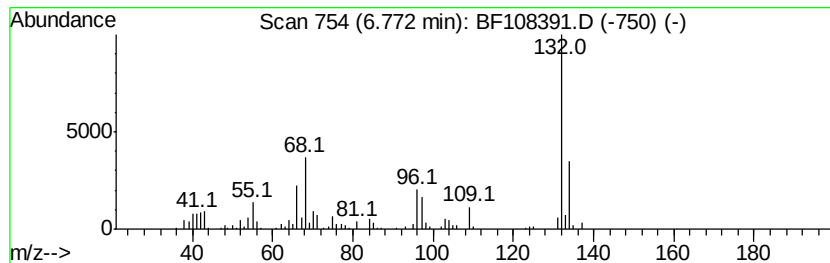
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.77 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	10.39 ng	576025	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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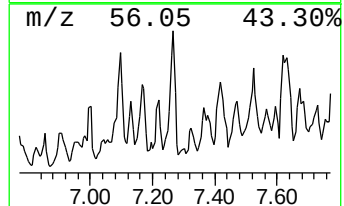
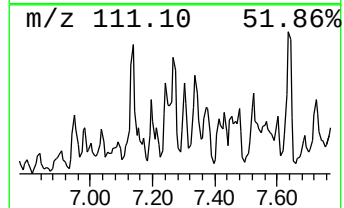
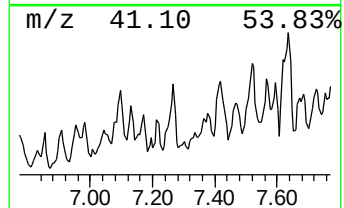
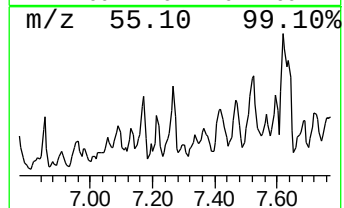
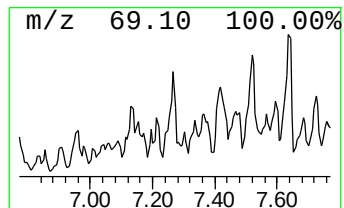
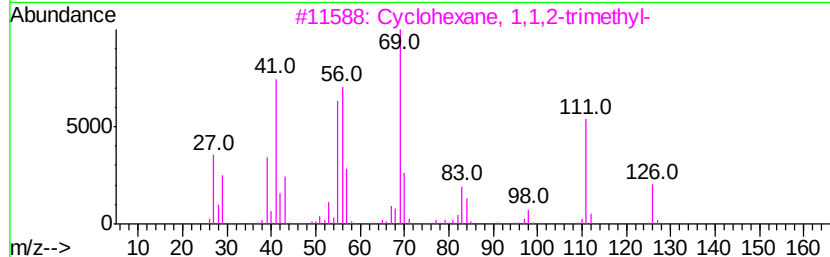
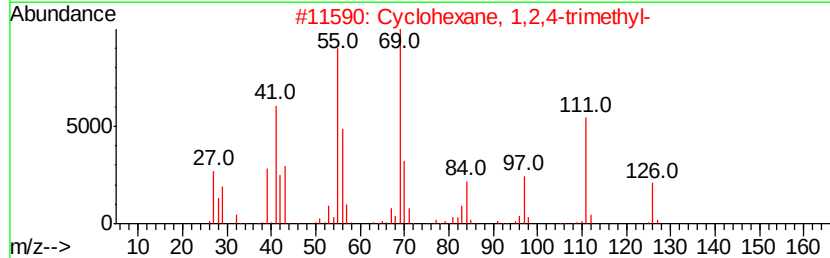
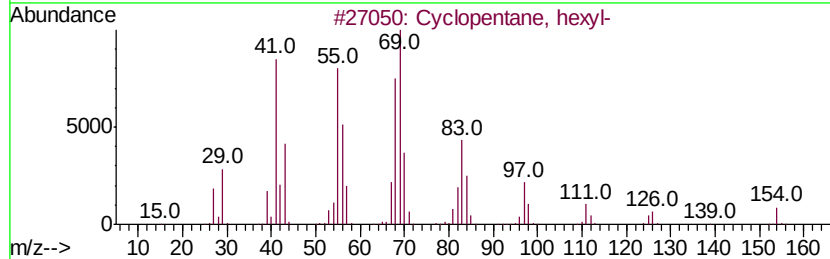
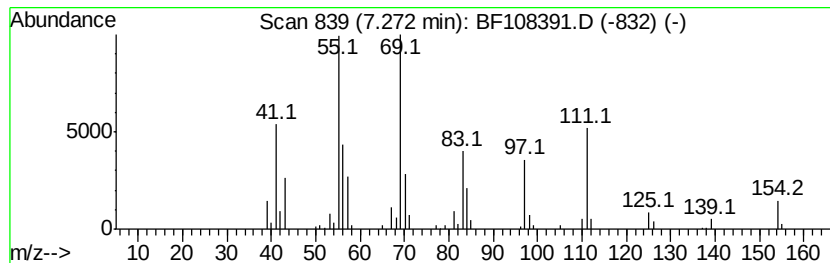
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopentane, hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	5.92 ng	328290	1,4-Dichlorobenzene-d4	7.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, hexyl-	154	C11H22	004457-00-5	87
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	83
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	68
4			4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	64
5			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	58



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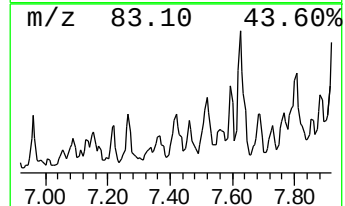
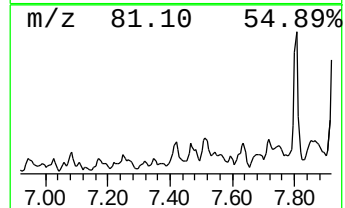
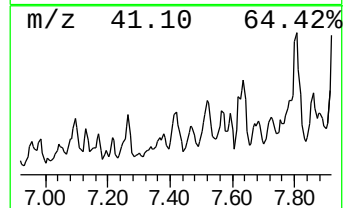
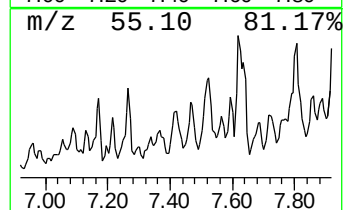
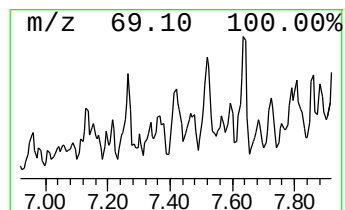
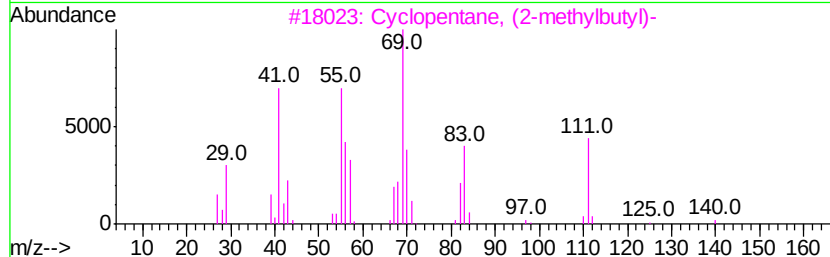
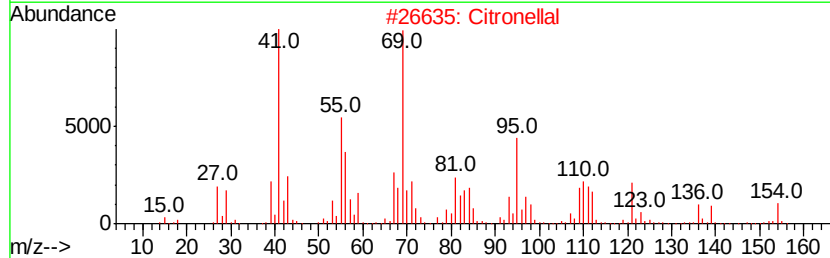
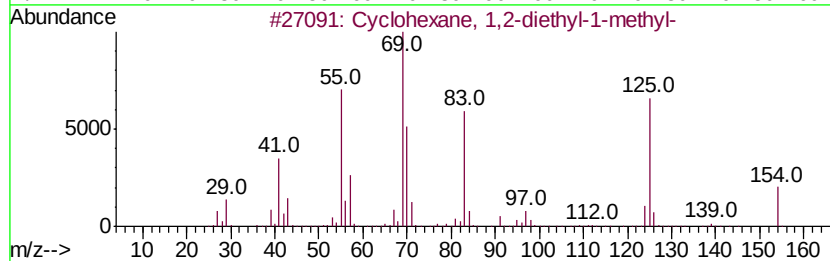
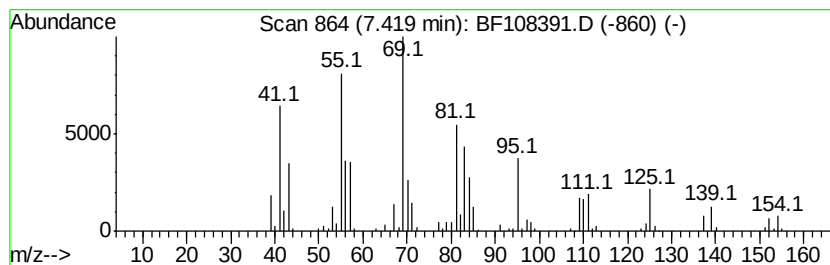
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexane, 1,2-diethyl-1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	6.64 ng	368111	1,4-Dichlorobenzene-d4	7.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	53
2			Citronellal	154	C10H18O	000106-23-0	52
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46
4			Citral	152	C10H16O	005392-40-5	46
5			2,6-Octadienal, 3,7-dimethyl-, (E)-	152	C10H16O	000141-27-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108391.D
Acq On : 22 Aug 2018 18:55
Operator : JU/SJ
Sample : J4561-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

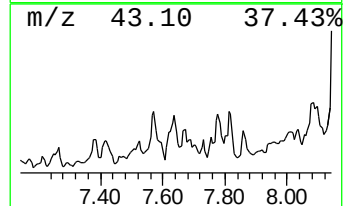
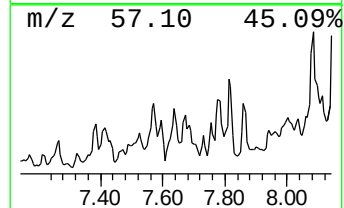
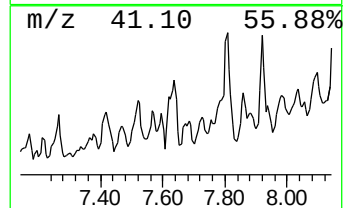
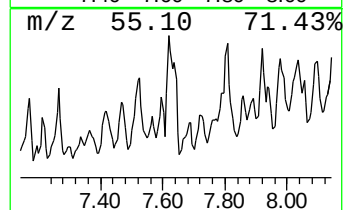
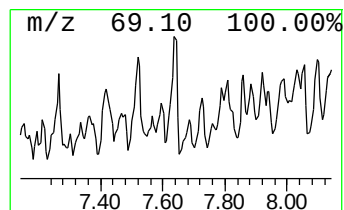
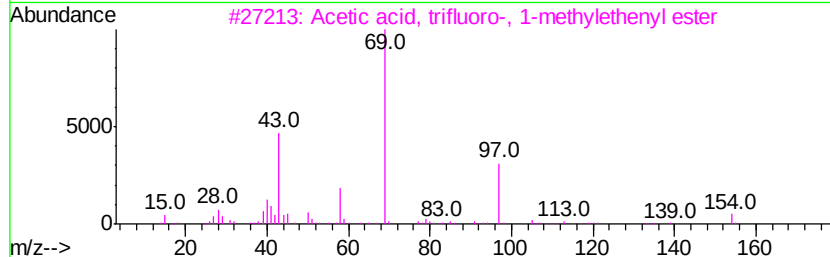
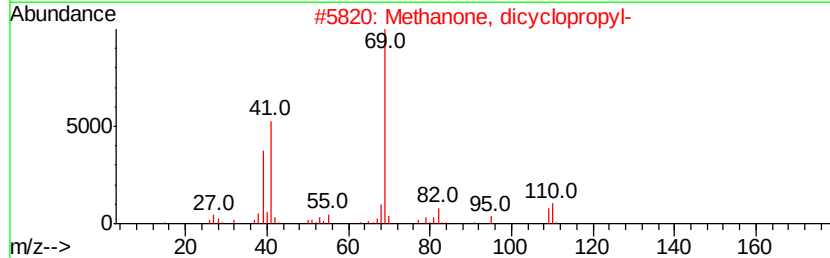
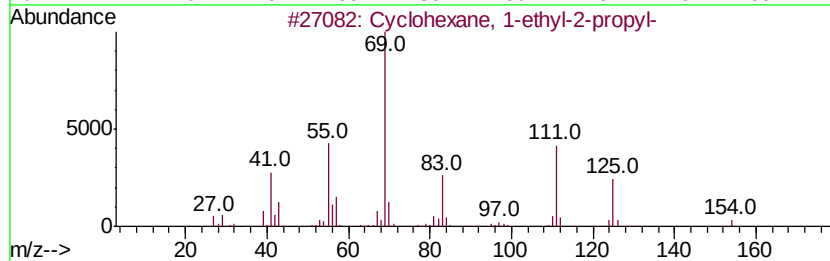
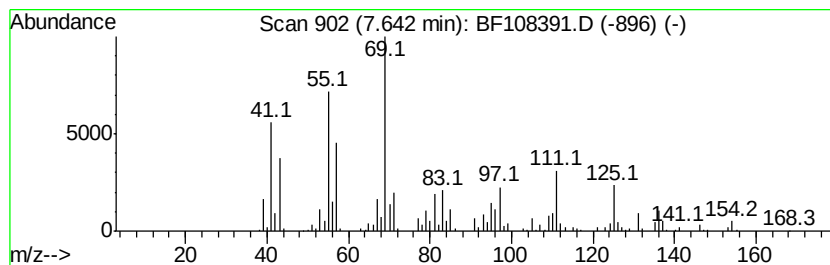
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.64 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	13.36 ng	740191	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	46
2		Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	38
3		Acetic acid, trifluoro-, 1-methy...	154	C5H5F3O2	000400-39-5	38
4		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	38
5		6-Methyl-1,5-heptadiene	110	C8H14	007270-50-0	35



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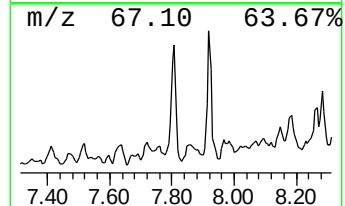
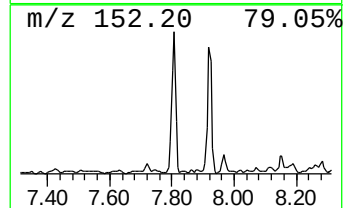
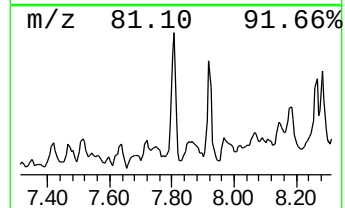
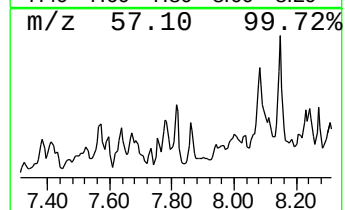
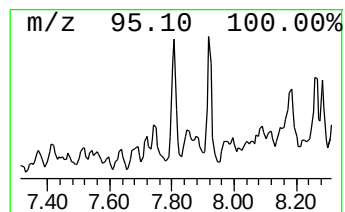
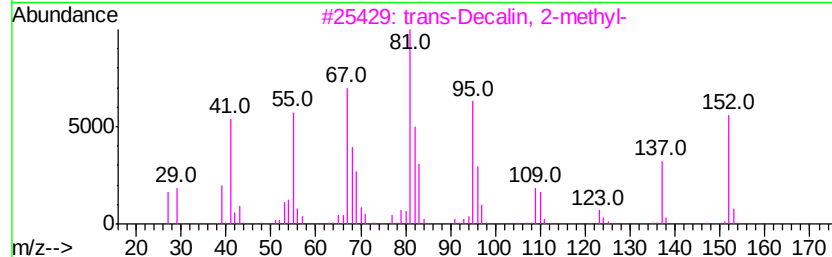
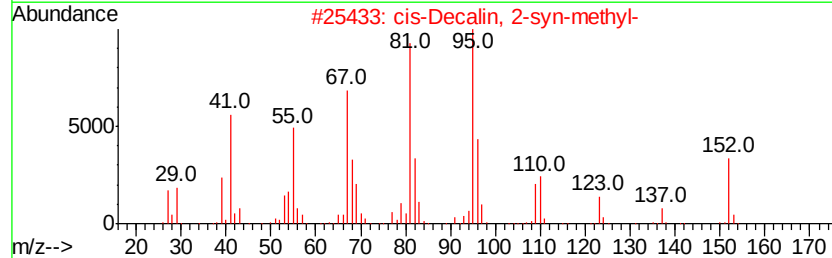
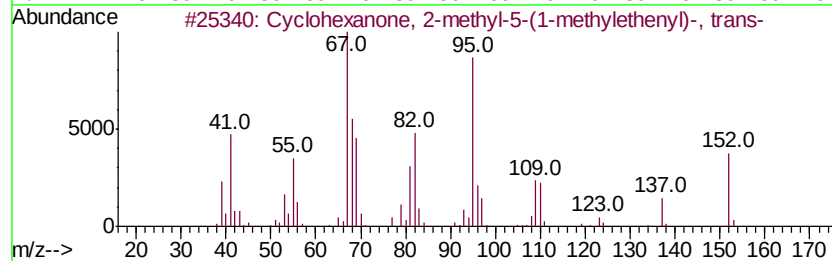
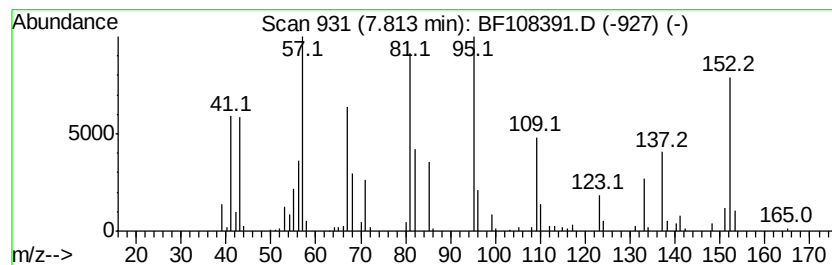
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexanone, 2-methyl-5-(... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	11.06 ng	941491	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	86
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	80
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
5		Pulegone	152	C10H16O	000089-82-7	70



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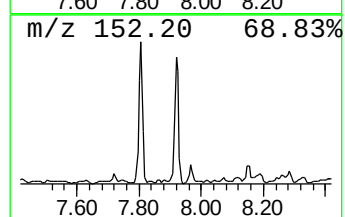
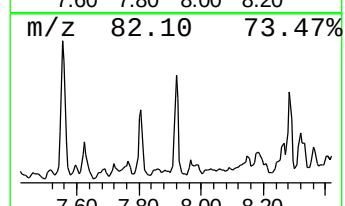
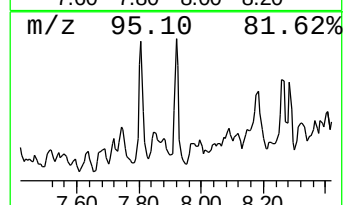
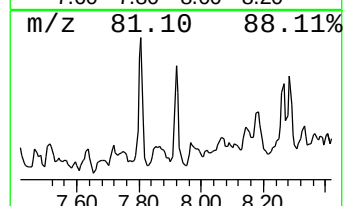
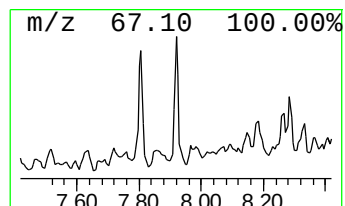
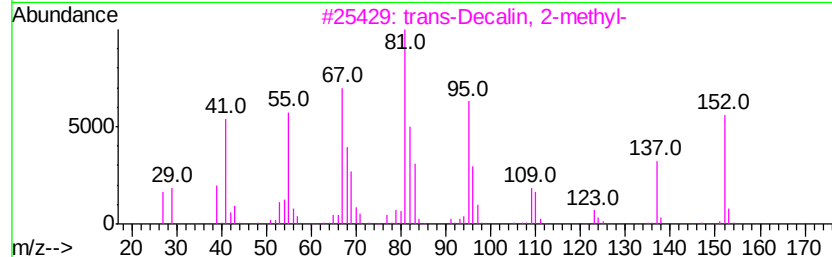
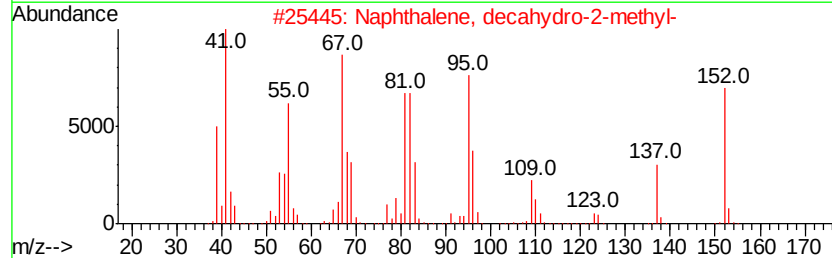
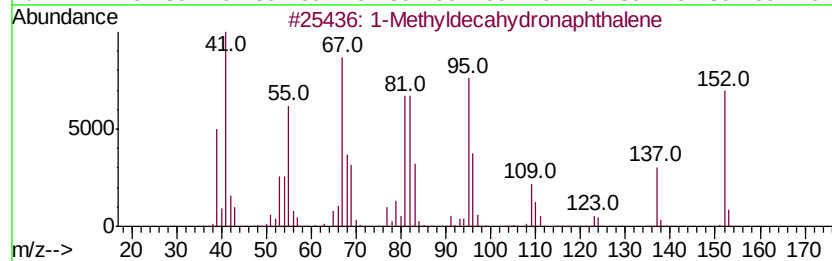
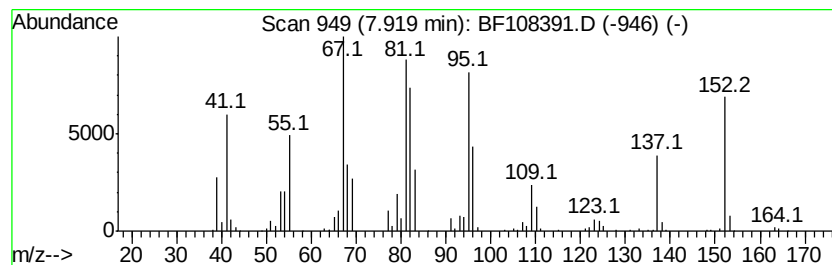
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Methyldecahydronaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.92	7.59 ng	646493	Naphthalene-d8	8.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	74
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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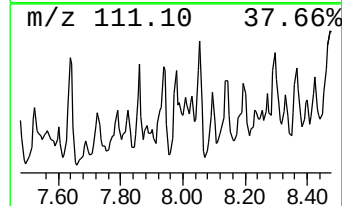
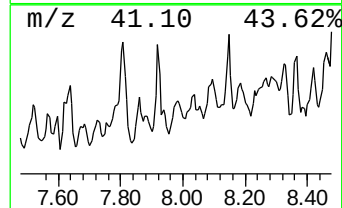
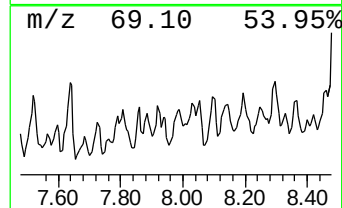
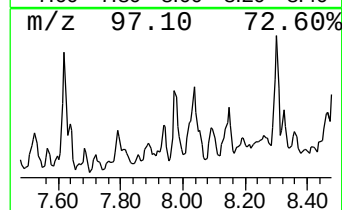
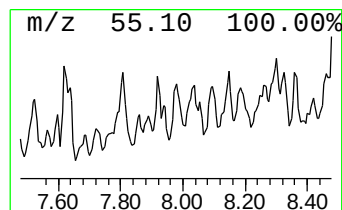
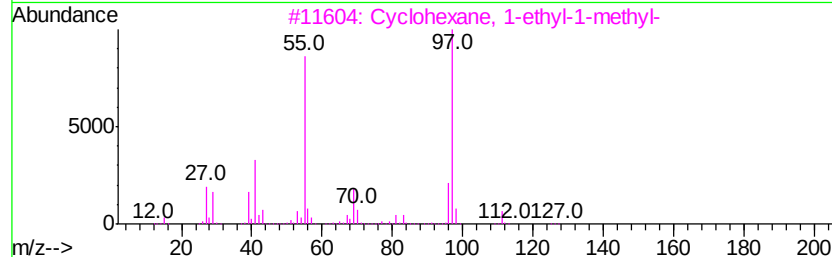
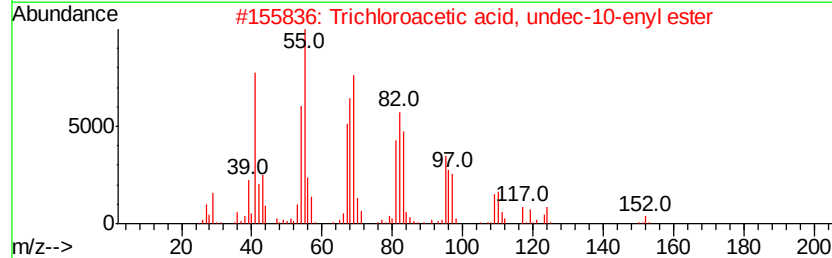
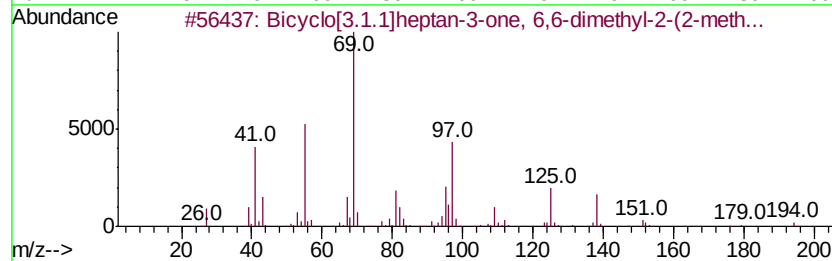
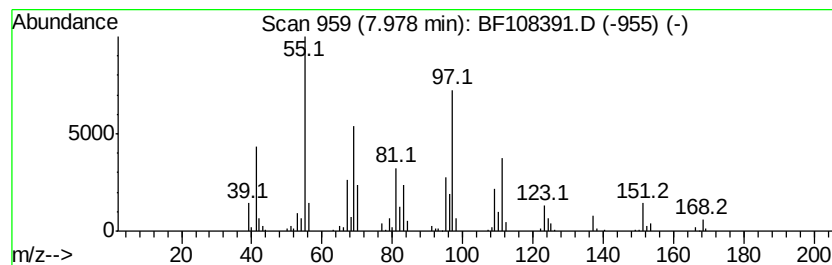
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.98 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	6.00 ng	510567	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	38
2		Trichloroacetic acid, undec-10-e...	314	C13H21Cl3O2	1000280-51-3	27
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	27
4		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	27
5		1-But-2-enylazetidine	111	C7H13N	069416-65-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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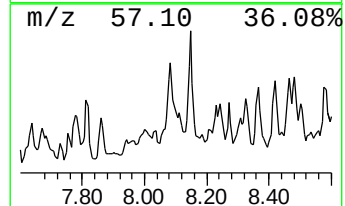
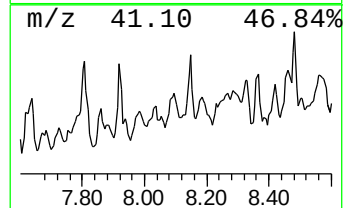
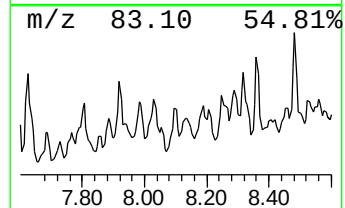
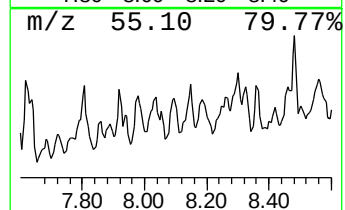
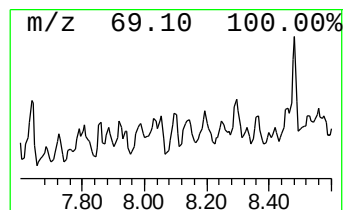
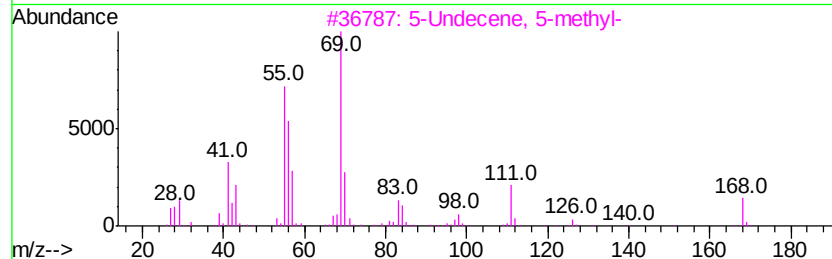
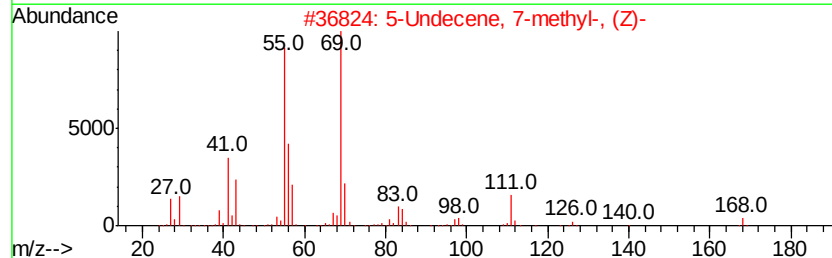
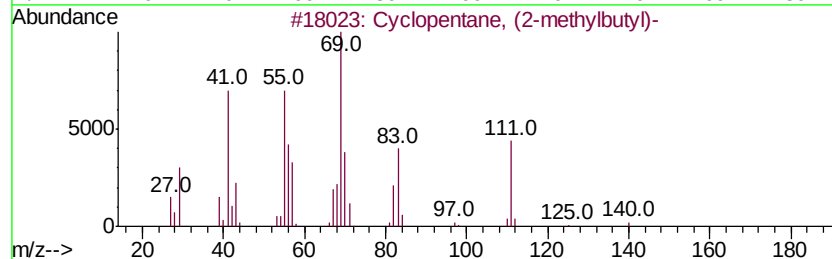
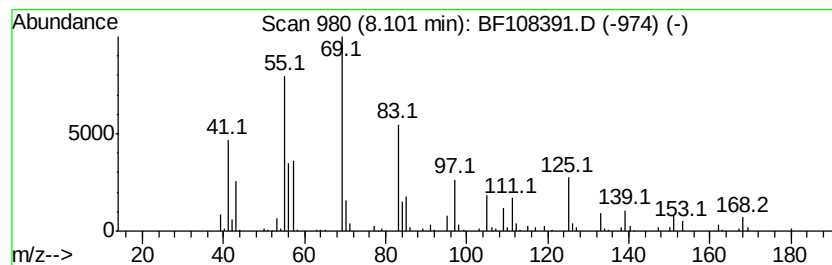
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopentane, (2-methylbutyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	6.41 ng	545930	Napthalene-d8	8.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, (2-methylbutyl)-	140 C10H20	053366-38-4 64
2		5-Undecene, 7-methyl-, (Z)-	168 C12H24	074630-62-9 53
3		5-Undecene, 5-methyl-	168 C12H24	031613-73-7 49
4		Cyclohexane, 1,2,4-trimethyl-	126 C9H18	002234-75-5 46
5		4-Octene, 2,2,3,7-tetramethyl-, ...	168 C12H24	063865-57-6 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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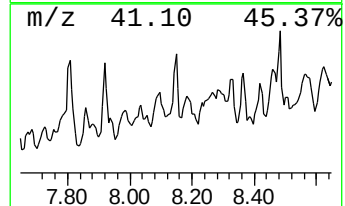
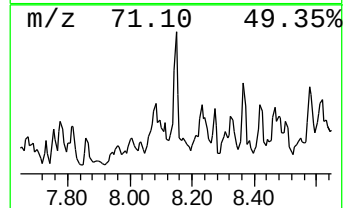
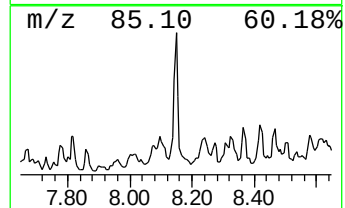
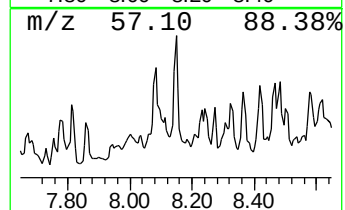
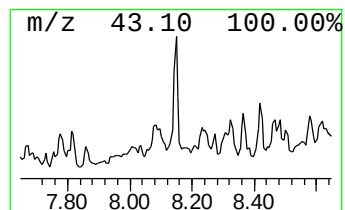
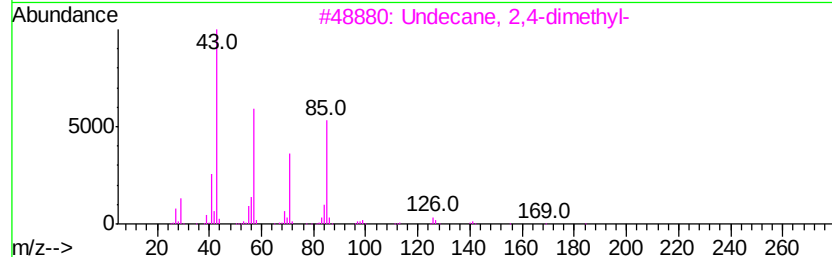
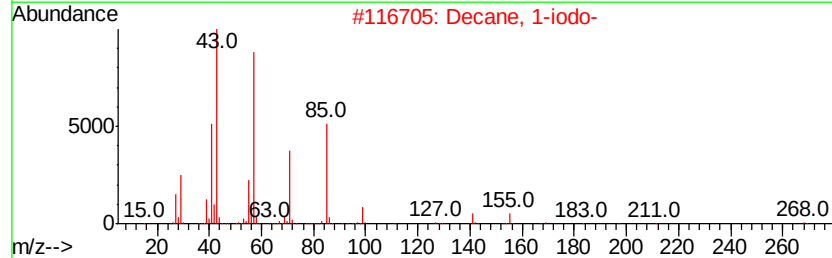
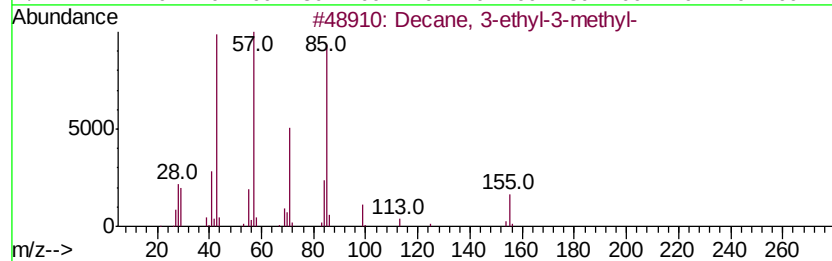
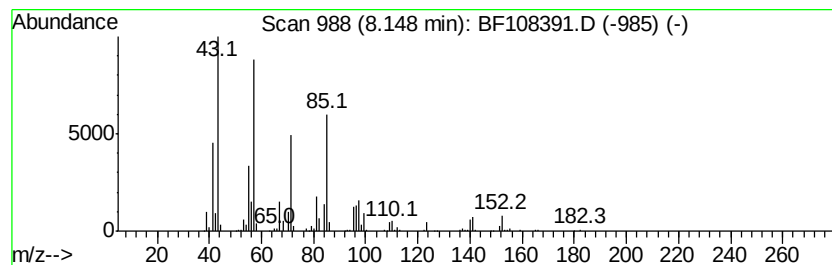
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 3-ethyl-3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.15	5.37 ng	457351	Napthalene-d8	8.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	59
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	53
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	50
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	50



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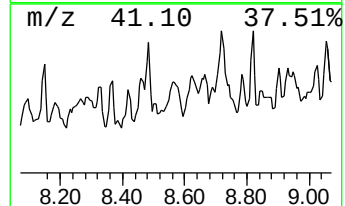
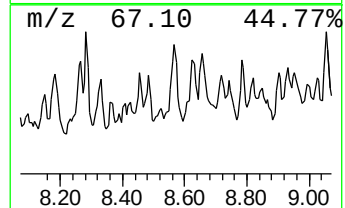
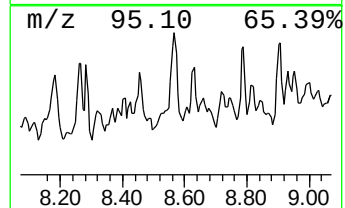
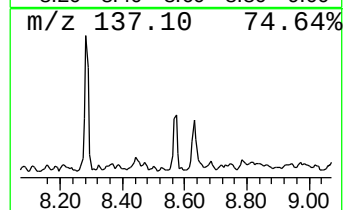
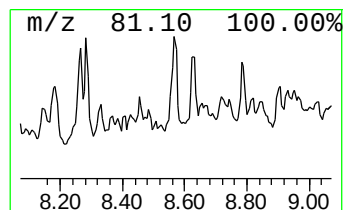
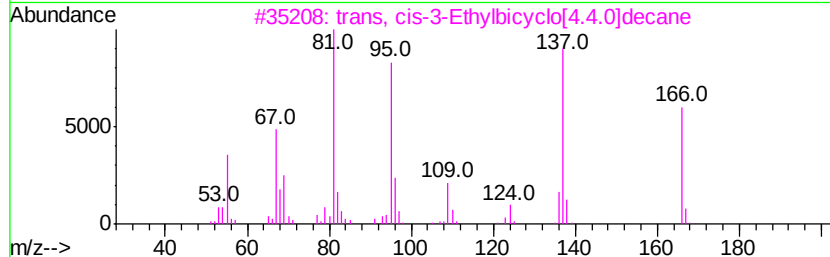
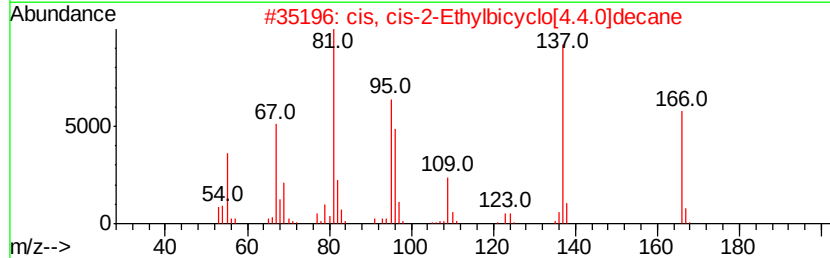
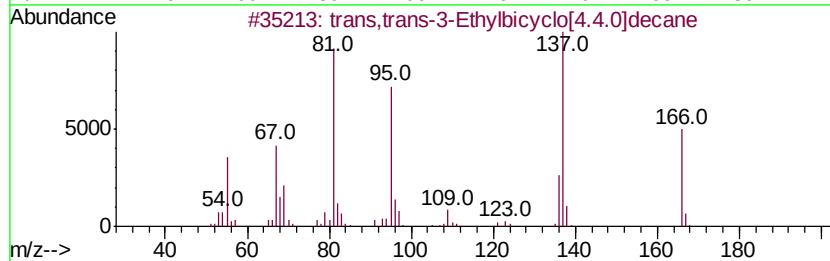
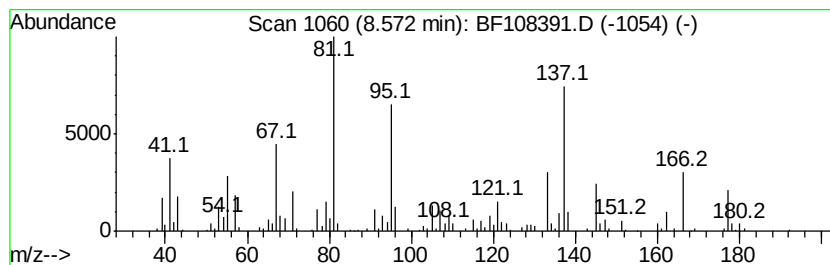
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ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

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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 trans,trans-3-Ethylbicyclo[...] Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	10.34 ng	880521	Naphthalene-d8	8.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans,trans-3-Ethylbicyclo[4.4.0]de...	166 C12H22	058462-32-1	81
2	cis, cis-2-Ethylbicyclo[4.4.0]de...	166 C12H22	066660-40-0	76
3	trans, cis-3-Ethylbicyclo[4.4.0]...	166 C12H22	066660-43-3	72
4	trans, cis-2-Ethylbicyclo[4.4.0]...	166 C12H22	066660-39-7	64
5	cis, cis-3-Ethylbicyclo[4.4.0]de...	166 C12H22	066660-42-2	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108391.D
Acq On : 22 Aug 2018 18:55
Operator : JU/SJ
Sample : J4561-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

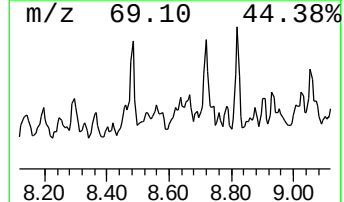
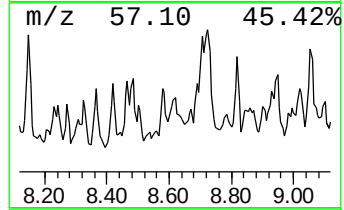
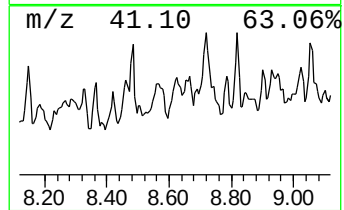
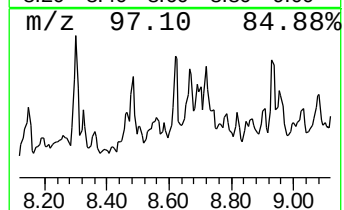
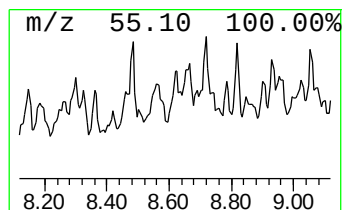
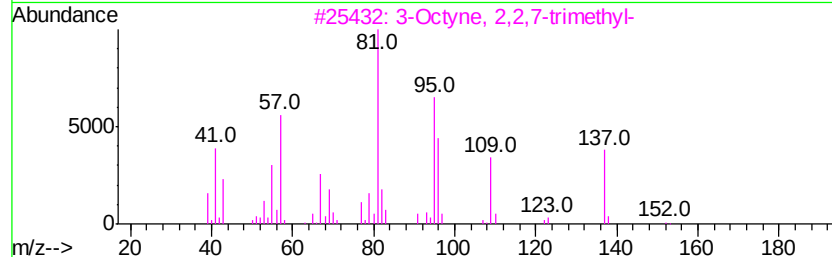
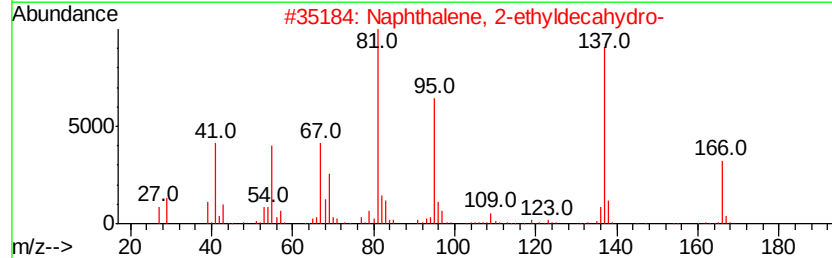
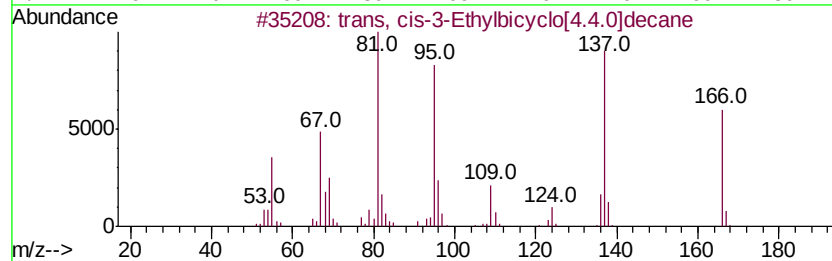
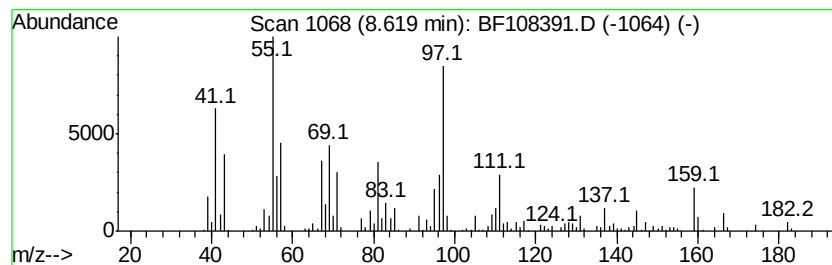
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 trans, cis-3-Ethylbicyclo[4... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	9.40 ng	800116	Naphthalene-d8	8.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166 C12H22	066660-43-3	64
2	Naphthalene, 2-ethyldecahydro-	166 C12H22	001618-23-1	60
3	3-Octyne, 2,2,7-trimethyl-	152 C11H20	055402-13-6	49
4	Cyclodecene, 3-bromo-	216 C10H17Br	056325-56-5	43
5	Spiro[3.5]nonan-1-one	138 C9H14O	029800-45-1	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108391.D
Acq On : 22 Aug 2018 18:55
Operator : JU/SJ
Sample : J4561-02 10X
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Instrument :
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ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

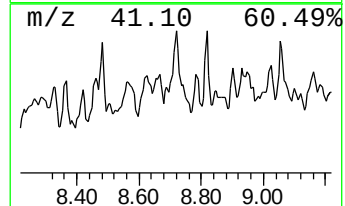
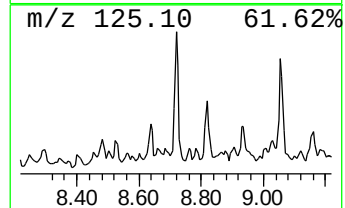
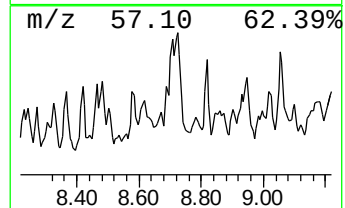
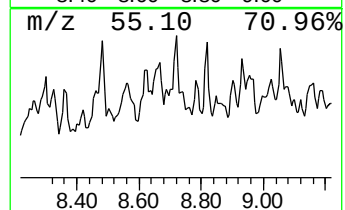
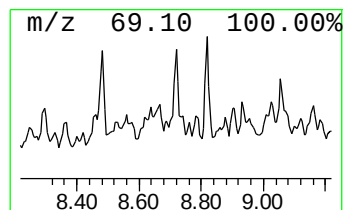
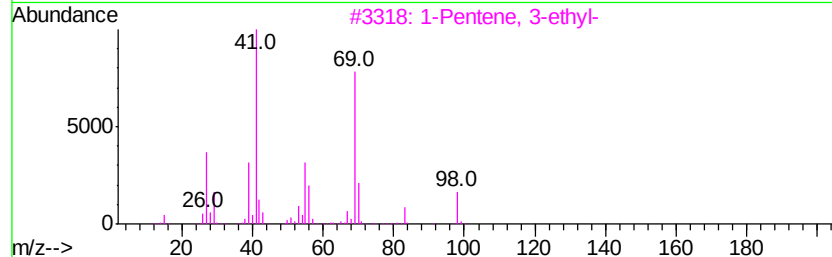
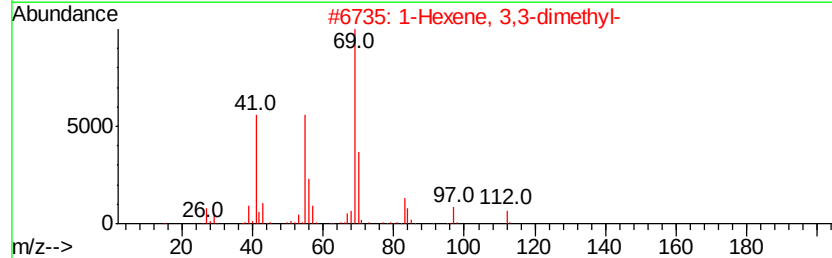
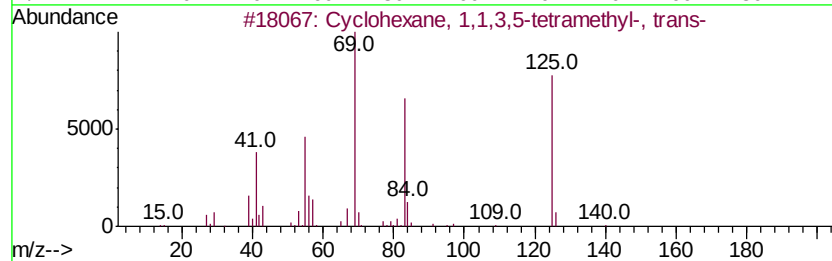
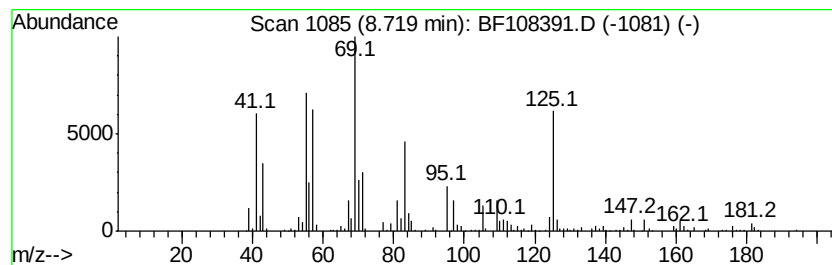
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	17.05 ng	1451480	Naphthalene-d8	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	58
2		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
3		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	35
4		1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	30
5		1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108391.D
Acq On : 22 Aug 2018 18:55
Operator : JU/SJ
Sample : J4561-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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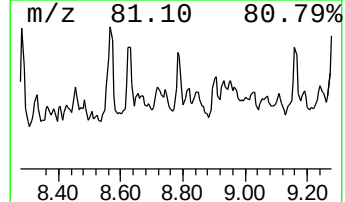
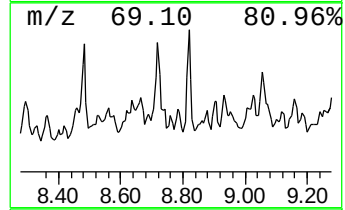
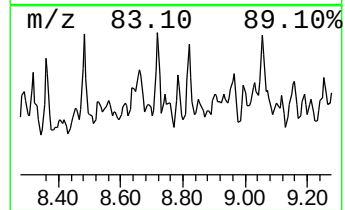
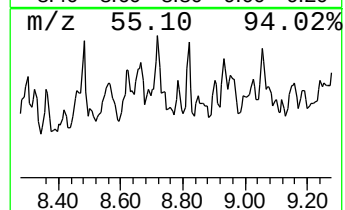
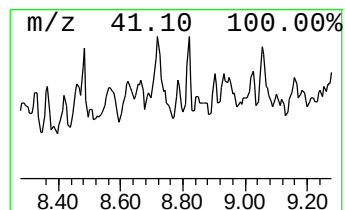
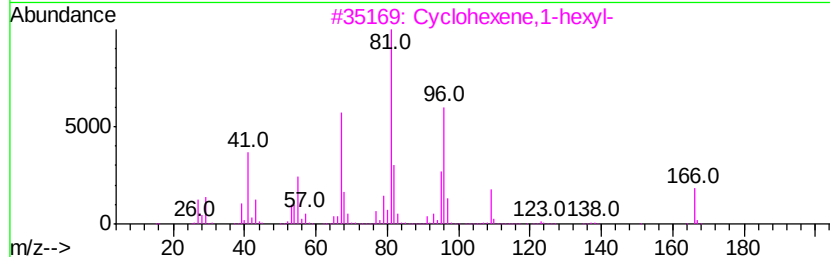
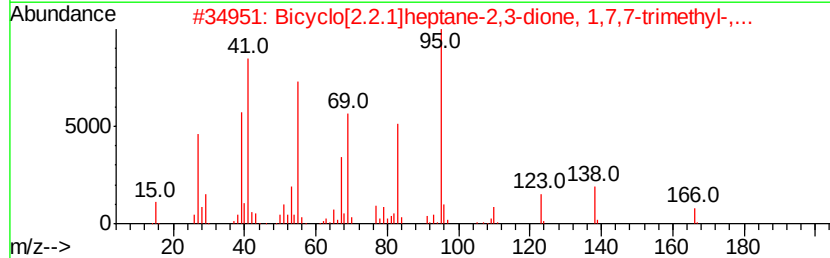
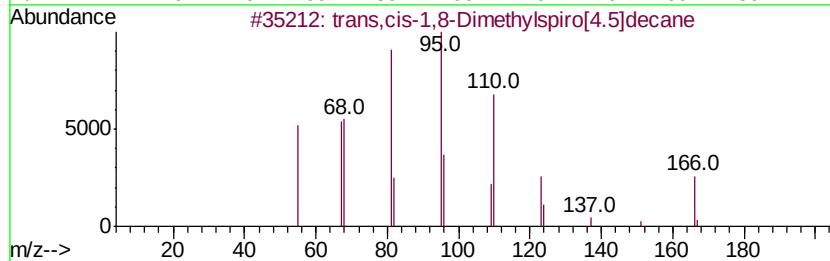
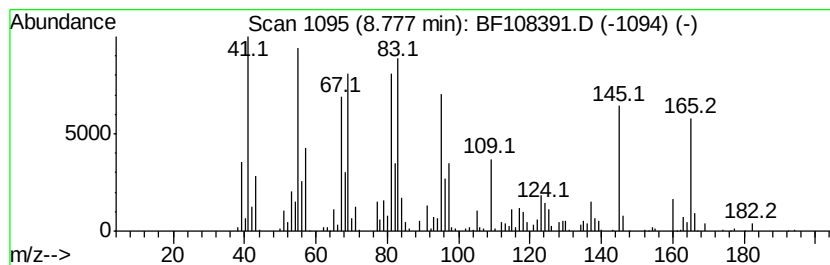
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.78 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	5.21 ng	443744	Naphthalene-d8	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	38		
2	Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	010334-26-6	38		
3	Cvclohexene,1-hexyl-	166	C12H22	003964-66-7	30		
4	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	30		
5	trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1000111-72-7	25		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108391.D
Acq On : 22 Aug 2018 18:55
Operator : JU/SJ
Sample : J4561-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

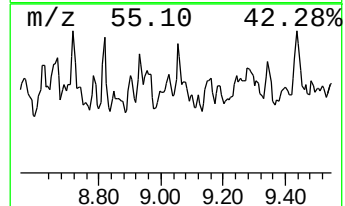
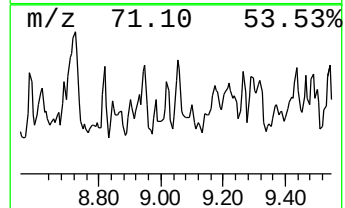
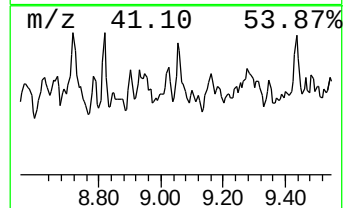
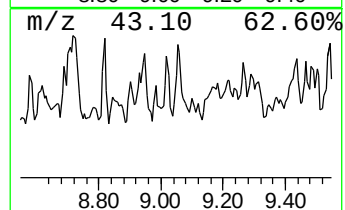
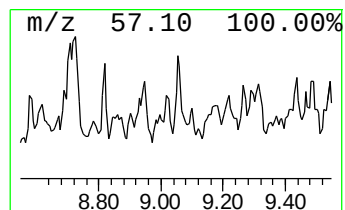
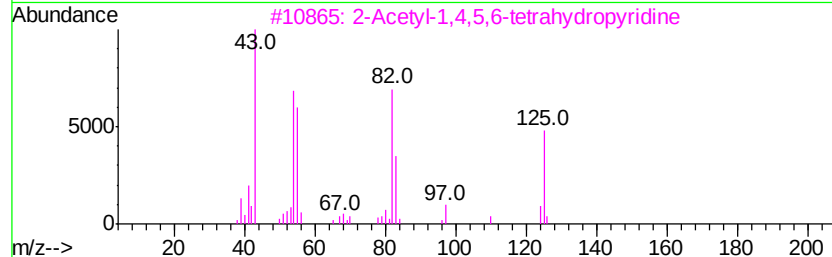
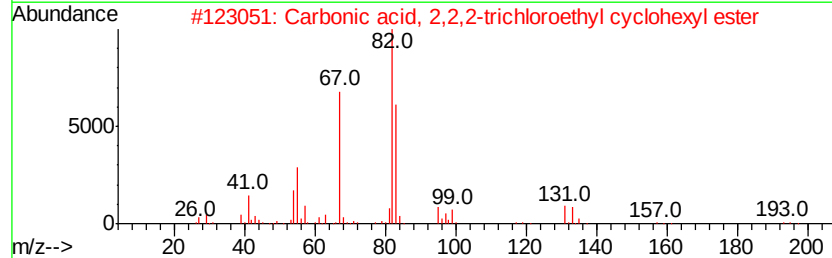
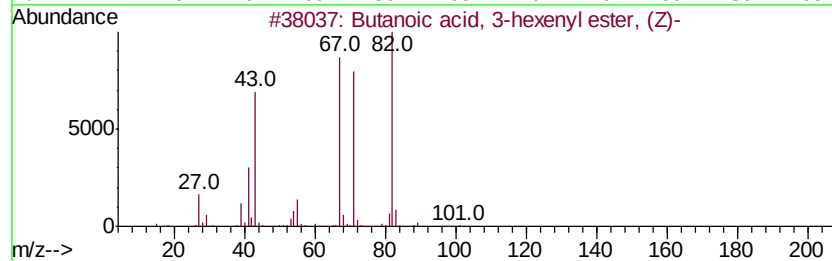
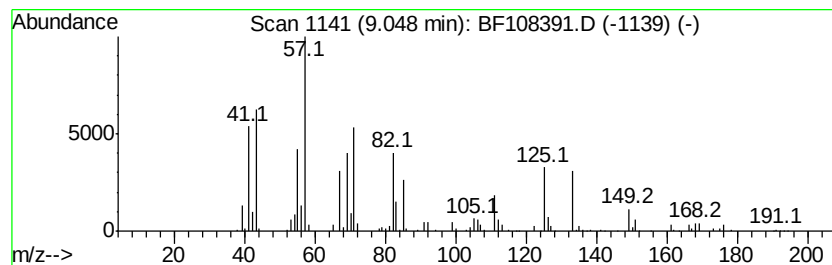
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.05	6.88 ng	585597	Napthalene-d8	8.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	016491-36-4	35
2		Carbonic acid, 2,2,2-trichloroet...	274	C9H13Cl3O3	1000357-89-5	35
3		2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	025343-57-1	30
4		Silane, cyclohexyldiethyl-	170	C10H22Si	156994-96-6	25
5		1,1'-Bicyclohexyl	166	C12H22	000092-51-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108391.D
Acq On : 22 Aug 2018 18:55
Operator : JU/SJ
Sample : J4561-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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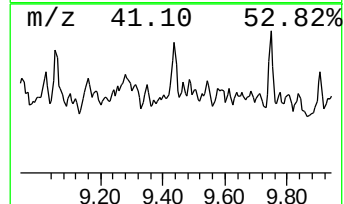
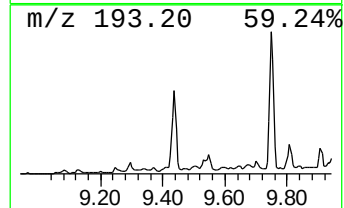
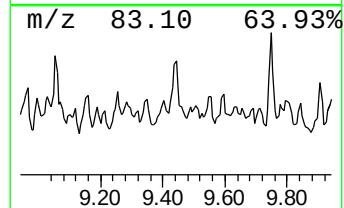
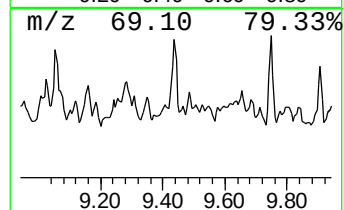
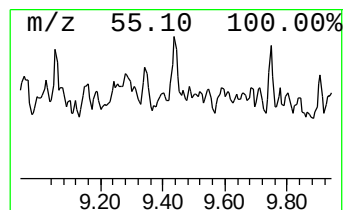
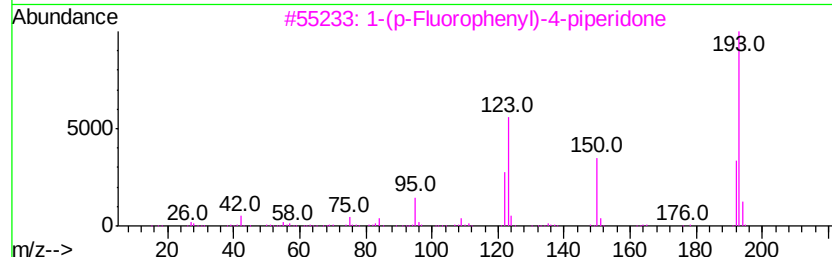
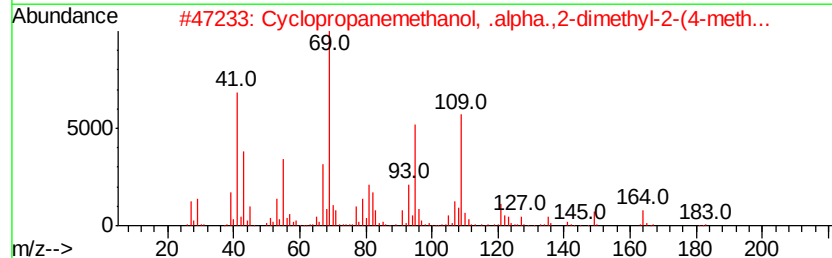
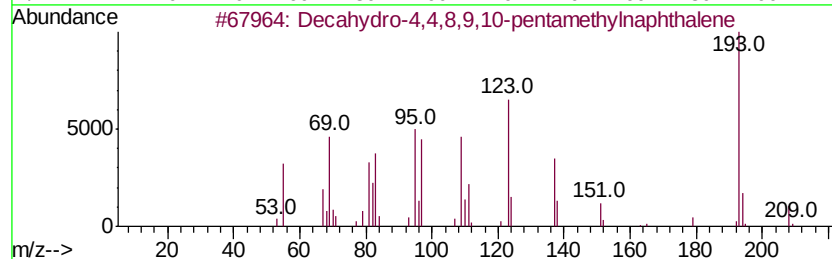
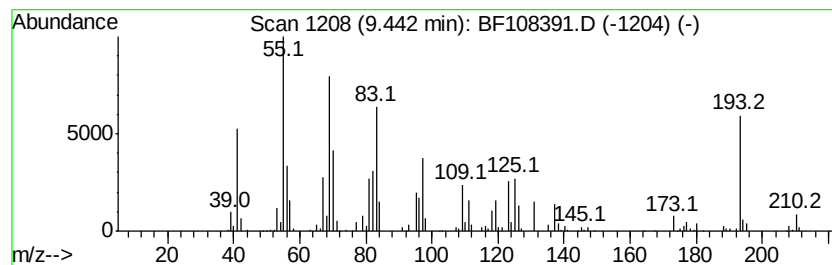
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.44 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	12.08 ng	670712	Acenaphthene-d10	10.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2		Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	27
3		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25
4		(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	22
5		6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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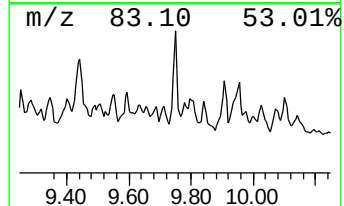
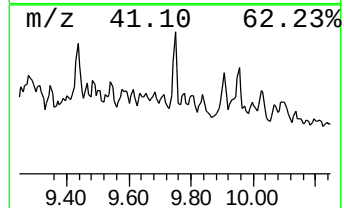
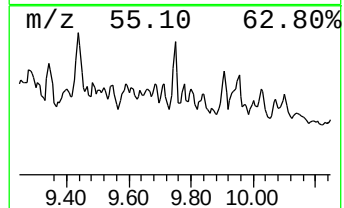
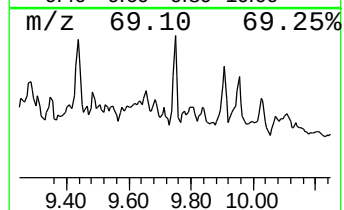
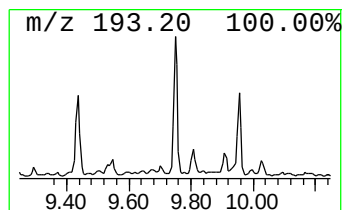
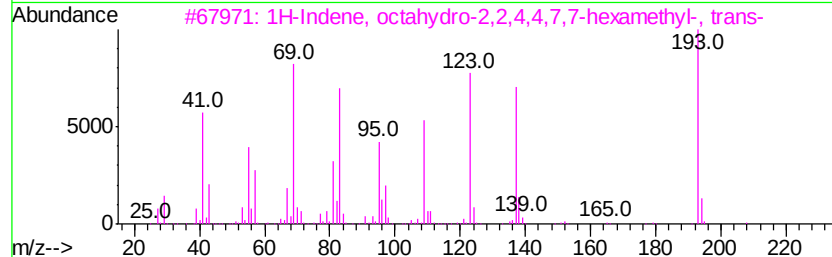
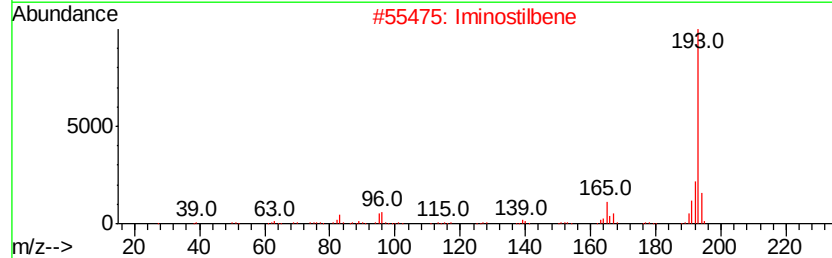
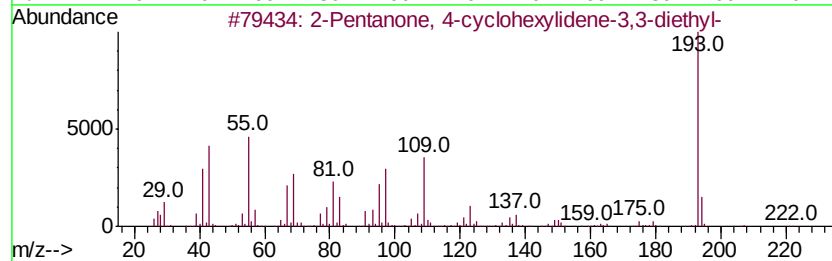
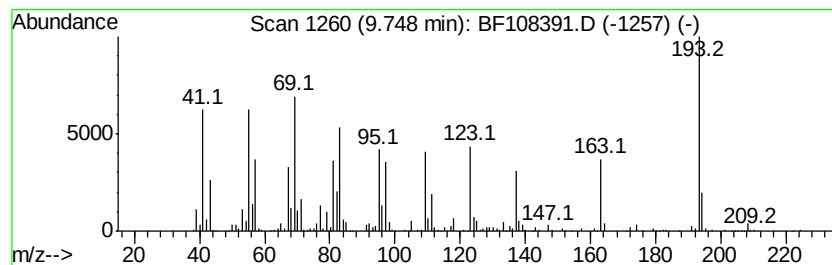
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H-R-P-T-WC-1-COMPOSITE

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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 unknown9.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	14.38 ng	798094	Acenaphthene-d10	10.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentanone, 4-cvclohexylidene-3...	222 C15H26O	313253-65-5	38
2	Iminostilbene	193 C14H11N	000256-96-2	37
3	1H-Indene, octahydro-2,2,4,4,7,7...	208 C15H28	054832-83-6	37
4	2-Anthracenamine	193 C14H11N	000613-13-8	18
5	2-Aminophenanthrene	193 C14H11N	003366-65-2	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108391.D
Acq On : 22 Aug 2018 18:55
Operator : JU/SJ
Sample : J4561-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

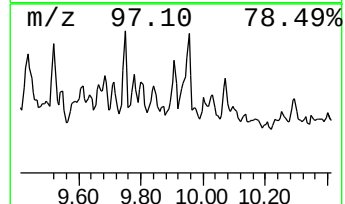
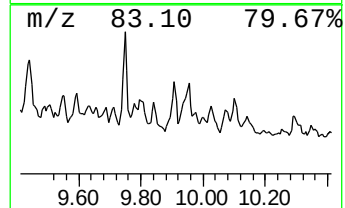
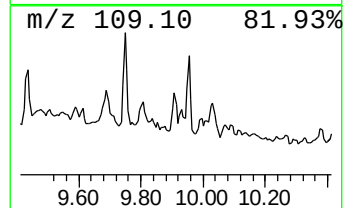
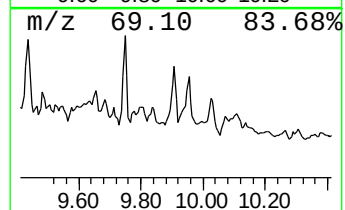
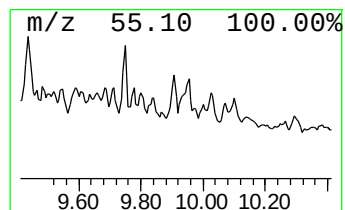
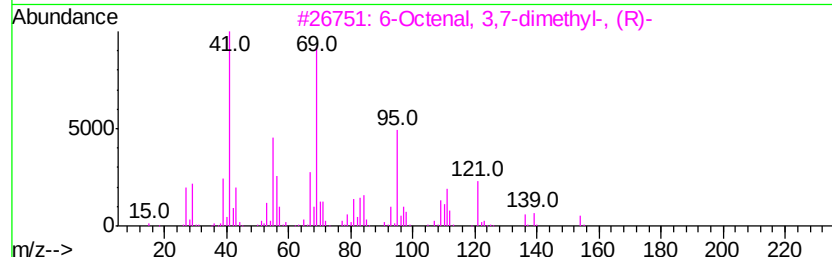
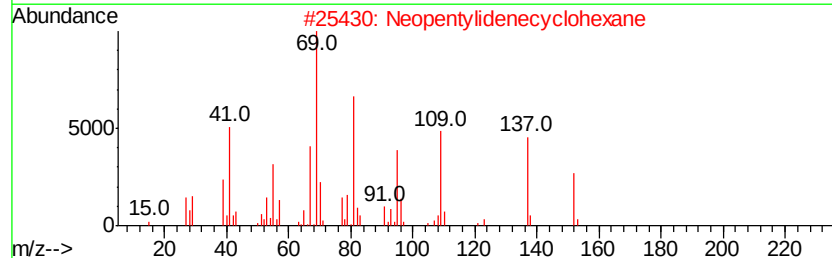
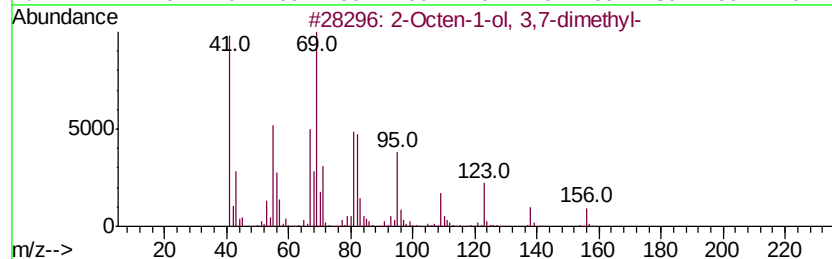
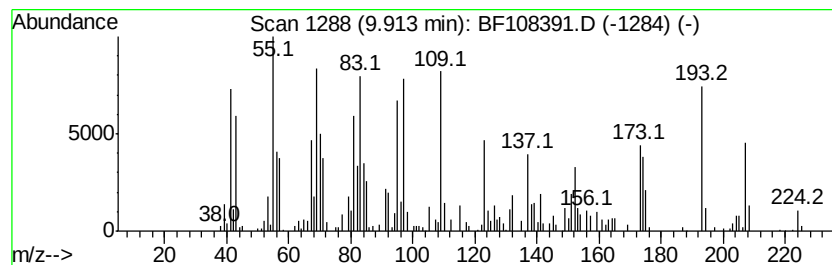
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown9.91 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	7.37 ng	409186	Acenaphthene-d10	10.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octen-1-ol, 3,7-dimethyl-	156	C10H20O	040607-48-5	46
2			Neopentylidenecyclohexane	152	C11H20	039546-80-0	41
3			6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	38
4			4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	27
5			Cyclopropanecarboxylic acid, 3-f...	170	C9H14O3	066692-75-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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Sample : J4561-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

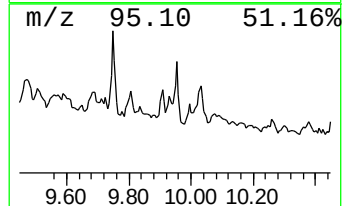
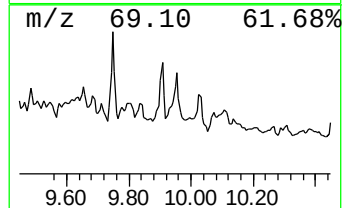
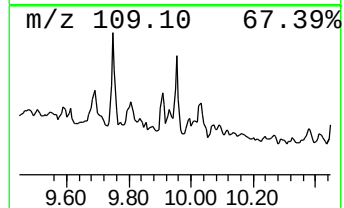
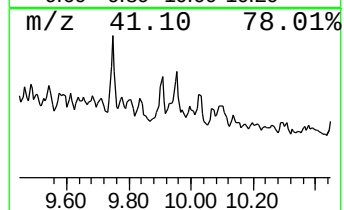
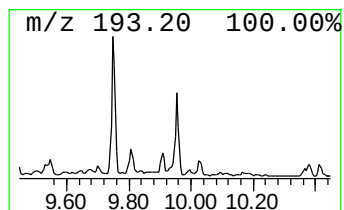
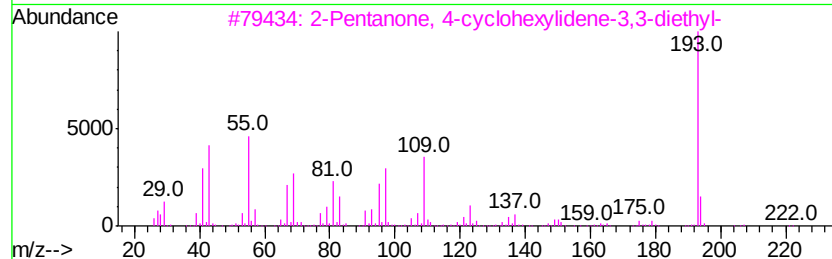
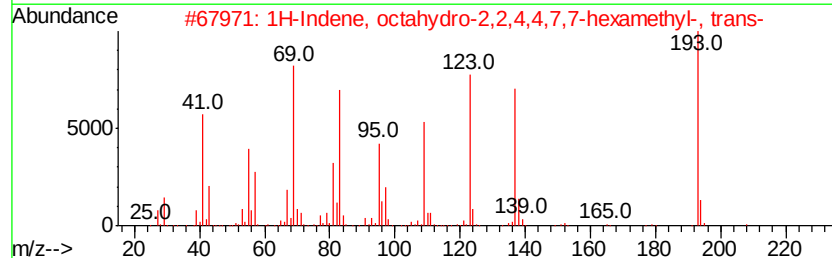
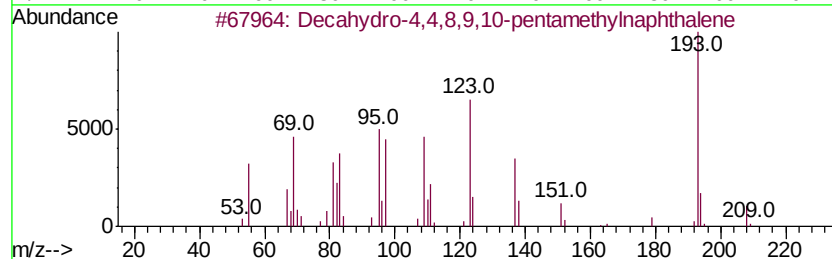
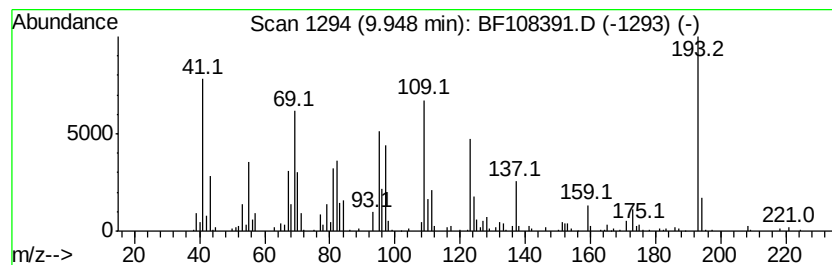
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Decahydro-4,4,8,9,10-pentam... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	9.06 ng	502964	Acenaphthene-d10	10.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	52
2			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	42
3			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
4			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
5			2-Phenylindolizine	193	C14H11N	025379-20-8	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
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Sample : J4561-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

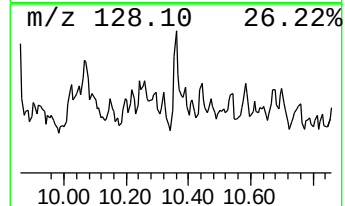
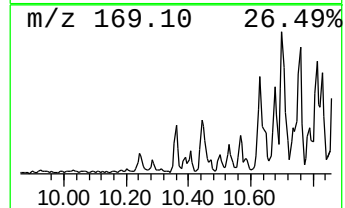
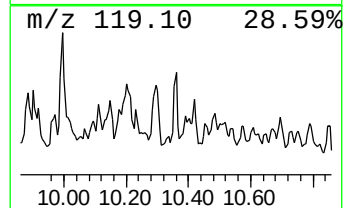
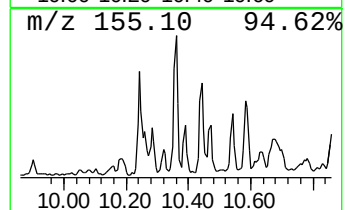
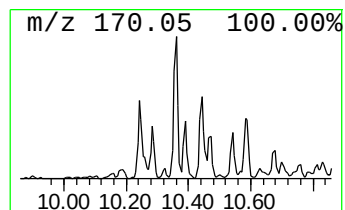
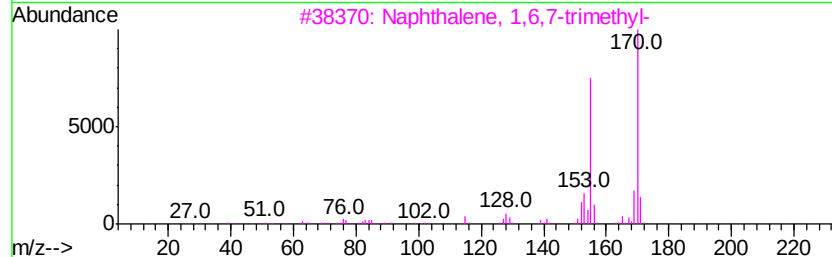
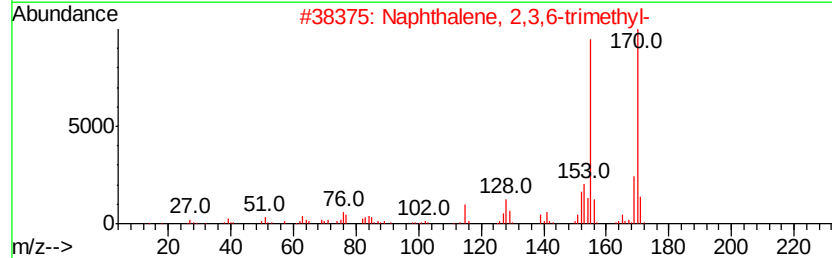
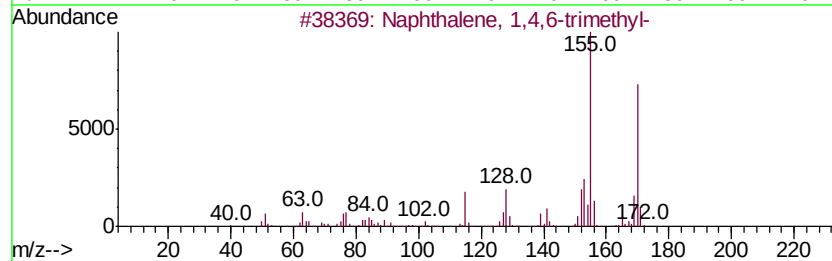
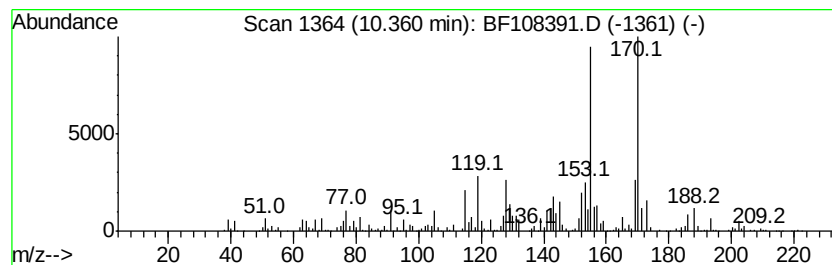
Instrument :
BNA_F
ClientSampleId :
H-R-P-T-WC-1-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	7.14 ng	396541	Acenaphthene-d10	10.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 97
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 97
3		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 96
4		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 94
5		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082218\
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 Acq On : 22 Aug 2018 18:55
 Operator : JU/SJ
 Sample : J4561-02 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-R-P-T-WC-1-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.77	6.77	10.4	ng	576025	1	7.00	1108330	20.0
Cyclopentane, hexyl-	7.27	5.9	ng	328290	1	7.00	1108330	20.0
Cyclohexane, 1,2-...	7.42	6.6	ng	368111	1	7.00	1108330	20.0
unknown7.64	7.64	13.4	ng	740191	1	7.00	1108330	20.0
Cyclohexanone, 2-...	7.81	11.1	ng	941491	2	8.28	1703080	20.0
1-Methyldecahydro...	7.92	7.6	ng	646493	2	8.28	1703080	20.0
unknown7.98	7.98	6.0	ng	510567	2	8.28	1703080	20.0
Cyclopentane, (2-...	8.10	6.4	ng	545930	2	8.28	1703080	20.0
Decane, 3-ethyl-3...	8.15	5.4	ng	457351	2	8.28	1703080	20.0
trans,trans-3-Eth...	8.57	10.3	ng	880521	2	8.28	1703080	20.0
trans, cis-3-Ethy...	8.62	9.4	ng	800116	2	8.28	1703080	20.0
Cyclohexane, 1,1,...	8.72	17.1	ng	1451480	2	8.28	1703080	20.0
unknown8.78	8.78	5.2	ng	443744	2	8.28	1703080	20.0
unknown9.05	9.05	6.9	ng	585597	2	8.28	1703080	20.0
unknown9.44	9.44	12.1	ng	670712	3	10.05	1110230	20.0
unknown9.75	9.75	14.4	ng	798094	3	10.05	1110230	20.0
unknown9.91	9.91	7.4	ng	409186	3	10.05	1110230	20.0
Decahydro-4,4,8,9...	9.95	9.1	ng	502964	3	10.05	1110230	20.0
Naphthalene, 1,4,...	10.36	7.1	ng	396541	3	10.05	1110230	20.0