

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108052.D
 Acq On : 9 Aug 2018 15:07
 Operator : JU/SJ
 Sample : J4271-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080818-A

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	2.372	3	6	22	rVB	176428	302972	7.55%	0.478%
2	4.931	439	441	449	rVB	70178	78341	1.95%	0.124%
3	5.260	490	497	500	rBV	3496710	3885832	96.79%	6.135%
4	5.637	556	561	564	rBV	3947239	3436000	85.59%	5.425%
5	6.625	724	729	732	rVB	4176764	3639993	90.67%	5.747%
6	6.778	751	755	759	rVB	3863788	3555598	88.56%	5.614%
7	6.837	762	765	769	rBV2	123269	126383	3.15%	0.200%
8	7.013	791	795	799	rVB	2366532	1925720	47.97%	3.040%
9	7.060	799	803	807	rBV3	34802	62098	1.55%	0.098%
10	7.113	807	812	816	rBV3	61242	90607	2.26%	0.143%
11	7.172	816	822	825	rBV	3067071	2770153	69.00%	4.374%
12	7.278	835	840	843	rBV3	133150	182868	4.55%	0.289%
13	7.337	846	850	855	rVB3	83920	117154	2.92%	0.185%
14	7.384	855	858	860	rBV	120955	114409	2.85%	0.181%
15	7.437	865	867	871	rVB5	79698	96078	2.39%	0.152%
16	7.543	880	885	887	rBV3	228343	325889	8.12%	0.515%
17	7.572	887	890	892	rVV	2642315	2159921	53.80%	3.410%
18	7.595	892	894	899	rVB	469874	405941	10.11%	0.641%
19	7.654	899	904	907	rBV4	227394	336908	8.39%	0.532%
20	7.701	907	912	916	rBV4	153367	245889	6.12%	0.388%
21	7.748	916	920	923	rBV4	59830	89059	2.22%	0.141%
22	7.778	923	925	927	rVB2	156147	115668	2.88%	0.183%
23	7.819	930	932	937	rVB2	243729	259502	6.46%	0.410%
24	7.884	939	943	944	rBV3	100863	122845	3.06%	0.194%
25	7.907	944	947	949	rBV	182995	129762	3.23%	0.205%
26	7.937	949	952	954	rBV3	283865	248864	6.20%	0.393%
27	7.995	959	962	965	rBV4	155673	161236	4.02%	0.255%
28	8.031	965	968	971	rBV	282932	231300	5.76%	0.365%
29	8.072	973	975	977	rVB2	120994	85605	2.13%	0.135%
30	8.107	977	981	984	rVB3	137352	141316	3.52%	0.223%
31	8.160	987	990	993	rVB2	224949	213544	5.32%	0.337%
32	8.195	993	996	998	rBV3	122336	149863	3.73%	0.237%
33	8.225	998	1001	1002	rBV3	98770	89062	2.22%	0.141%
34	8.266	1005	1008	1010	rVV	703728	694782	17.31%	1.097%

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Integrator: RTE

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.295	1010	1013	1018	rVV	2495676	2506278	62.43%	3.957%
36	8.342	1018	1021	1024	rVB	766988	654506	16.30%	1.033%
37	8.378	1024	1027	1033	rBV6	247932	339665	8.46%	0.536%
38	8.442	1033	1038	1041	rBV6	125952	245919	6.13%	0.388%
39	8.472	1041	1043	1045	rBV2	88296	94304	2.35%	0.149%
40	8.495	1045	1047	1052	rVB3	231567	226063	5.63%	0.357%
41	8.542	1052	1055	1058	rBV2	128405	135875	3.38%	0.215%
42	8.578	1058	1061	1066	rVB3	555982	660174	16.44%	1.042%
43	8.625	1066	1069	1073	rBV4	191060	298348	7.43%	0.471%
44	8.660	1073	1075	1080	rVV5	165552	193965	4.83%	0.306%
45	8.701	1080	1082	1085	rVV	727155	585068	14.57%	0.924%
46	8.731	1085	1087	1090	rVV3	189924	156924	3.91%	0.248%
47	8.801	1096	1099	1101	rBV3	276853	251404	6.26%	0.397%
48	8.831	1102	1104	1106	rVV2	146045	129923	3.24%	0.205%
49	8.872	1106	1111	1116	rVV2	888161	972726	24.23%	1.536%
50	8.919	1116	1119	1121	rBV4	106014	140565	3.50%	0.222%
51	9.042	1137	1140	1142	rBV4	141647	109166	2.72%	0.172%
52	9.072	1142	1145	1147	rBV3	182027	206435	5.14%	0.326%
53	9.119	1151	1153	1155	rVV	311713	253289	6.31%	0.400%
54	9.160	1158	1160	1161	rVV2	242077	209891	5.23%	0.331%
55	9.201	1164	1167	1170	rVV3	294627	351170	8.75%	0.554%
56	9.236	1170	1173	1176	rVV4	321570	350607	8.73%	0.554%
57	9.284	1179	1181	1182	rVV	216064	167809	4.18%	0.265%
58	9.307	1182	1185	1187	rVV	852590	700004	17.44%	1.105%
59	9.331	1187	1189	1192	rVB3	154688	160099	3.99%	0.253%
60	9.372	1192	1196	1200	rVB	4735435	4014709	100.00%	6.339%
61	9.442	1205	1208	1213	rVV	963321	1001364	24.94%	1.581%
62	9.484	1213	1215	1217	rVV3	173767	159223	3.97%	0.251%
63	9.525	1220	1222	1224	rVB2	231808	183277	4.57%	0.289%
64	9.631	1238	1240	1242	rBV3	83853	70176	1.75%	0.111%
65	9.695	1247	1251	1254	rBV4	127804	226121	5.63%	0.357%
66	9.766	1259	1263	1271	rVV2	1117236	1314216	32.74%	2.075%
67	9.825	1271	1273	1276	rVV3	168825	152993	3.81%	0.242%
68	9.872	1279	1281	1283	rVB2	133351	97692	2.43%	0.154%
69	9.925	1287	1290	1292	rBV2	131047	125848	3.13%	0.199%
70	9.972	1295	1298	1303	rVB	658494	602853	15.02%	0.952%
71	10.013	1303	1305	1308	rBV3	82460	86154	2.15%	0.136%

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

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72	10.060	1308	1313	1317	rBV	2374342	2398161	59.73%	3.786%
73	10.236	1341	1343	1345	rVB	128941	93362	2.33%	0.147%
74	10.260	1345	1347	1350	rVB4	88454	85200	2.12%	0.135%
75	10.295	1350	1353	1358	rBV3	158688	210839	5.25%	0.333%
76	10.378	1364	1367	1369	rBV2	109177	127505	3.18%	0.201%
77	10.478	1380	1384	1386	rVB	437700	383034	9.54%	0.605%
78	10.695	1417	1421	1424	rBV	306605	310646	7.74%	0.490%
79	10.854	1444	1448	1452	rBV	1998991	1876825	46.75%	2.963%
80	10.966	1462	1467	1471	rBV2	419498	609332	15.18%	0.962%
81	11.401	1538	1541	1543	rBV	239031	174466	4.35%	0.275%
82	11.430	1543	1546	1549	rVV2	172822	150211	3.74%	0.237%
83	11.560	1564	1568	1570	rBV	2548573	2121780	52.85%	3.350%
84	11.583	1570	1572	1575	rVB	194469	165434	4.12%	0.261%
85	11.830	1611	1614	1617	rVB	190619	136032	3.39%	0.215%
86	12.060	1650	1653	1656	rBV3	206980	203079	5.06%	0.321%
87	12.089	1656	1658	1663	rVB2	90978	89226	2.22%	0.141%
88	12.242	1681	1684	1686	rBV	129576	118940	2.96%	0.188%
89	12.630	1744	1750	1755	rBV4	151847	285416	7.11%	0.451%
90	12.777	1772	1775	1779	rBV	403328	341267	8.50%	0.539%
91	13.007	1808	1814	1820	rBV2	498207	582198	14.50%	0.919%
92	13.148	1834	1838	1841	rBV	3387660	3037064	75.65%	4.795%
93	13.360	1872	1874	1876	rBV	126545	96229	2.40%	0.152%
94	13.707	1930	1933	1935	rBV	146914	126561	3.15%	0.200%
95	14.036	1986	1989	1995	rBV2	313275	354716	8.84%	0.560%
96	14.213	2015	2019	2022	rBV	2169796	2076905	51.73%	3.279%
97	14.354	2040	2043	2046	rBV	224711	233143	5.81%	0.368%
98	14.666	2093	2096	2099	rVB	202865	180590	4.50%	0.285%
99	15.366	2213	2215	2224	rVB	261287	325172	8.10%	0.513%
100	15.783	2281	2286	2295	rVB	1180567	1718665	42.81%	2.713%

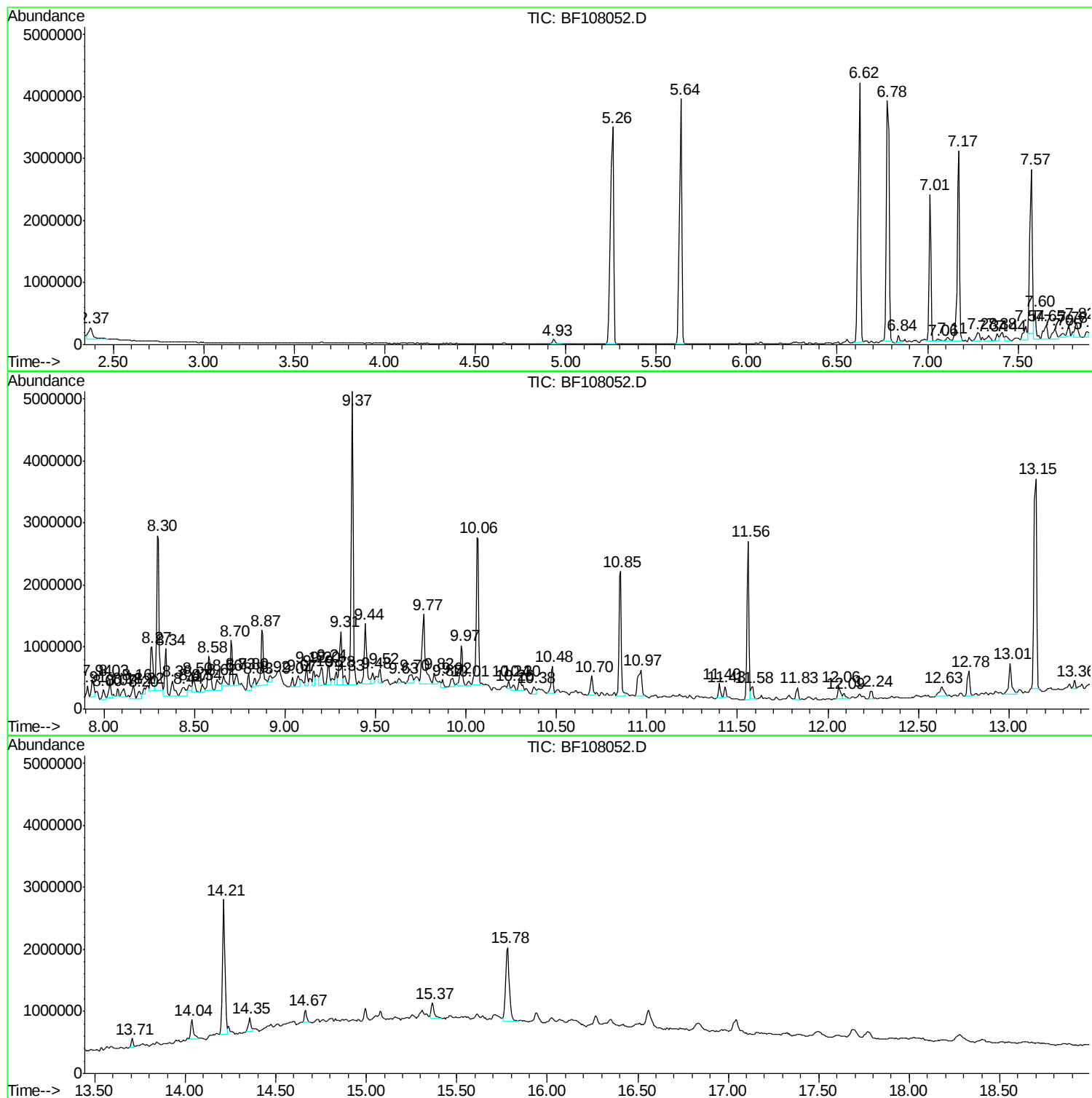
Sum of corrected areas: 63337963

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ALS Vial : 14 Sample Multiplier: 1

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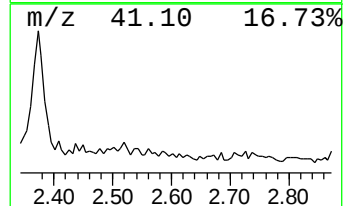
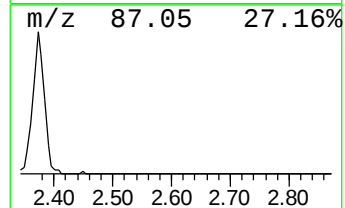
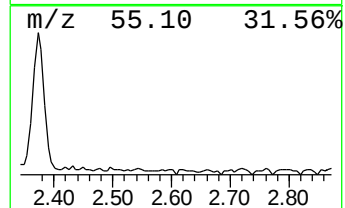
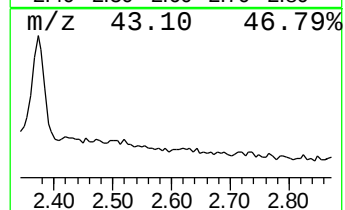
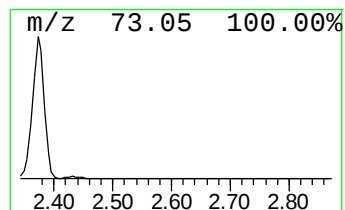
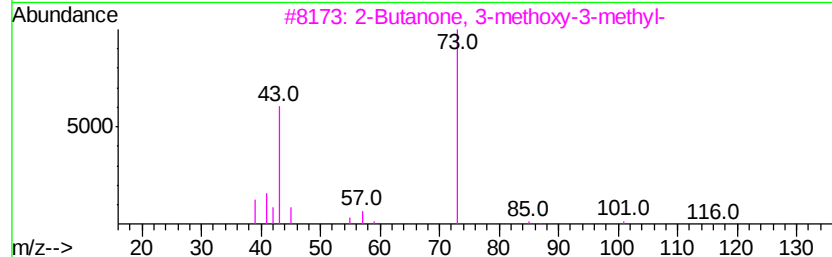
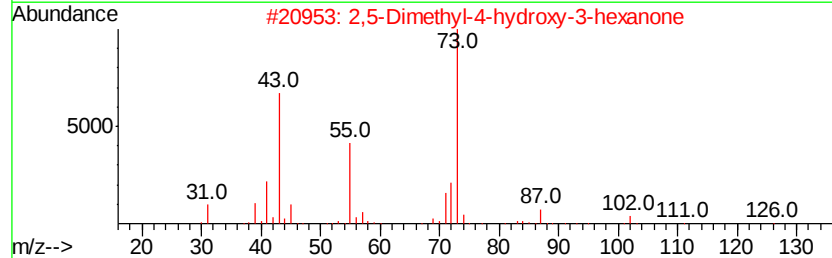
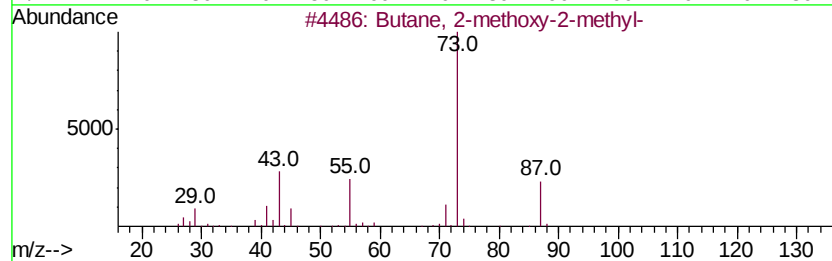
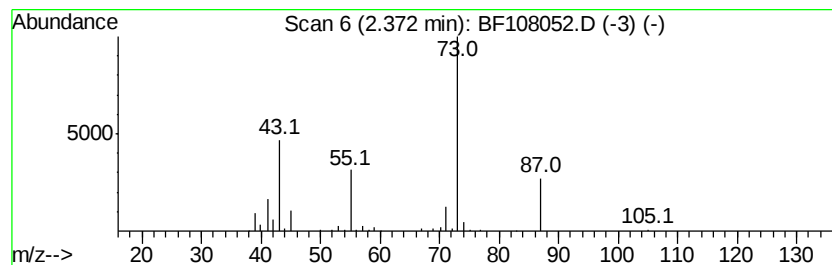
Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	3.15 ng	302972	1,4-Dichlorobenzene-d4	7.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8 72
2		2,5-Dimethyl-4-hydroxy-3-hexanone	144 C8H16O2	000815-77-0 42
3		2-Butanone, 3-methoxy-3-methyl-	116 C6H12O2	036687-98-6 25
4		2-Methyl-5-hexen-3-ol	114 C7H14O	032815-70-6 25
5		3-Pentanol, 2,4-dimethyl-	116 C7H16O	000600-36-2 23



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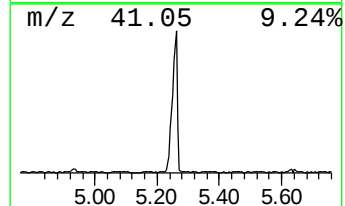
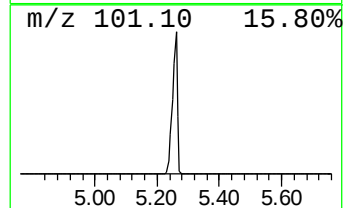
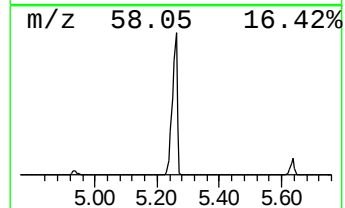
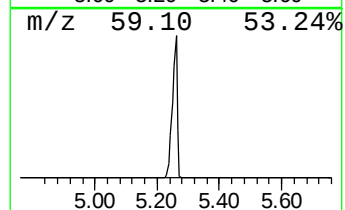
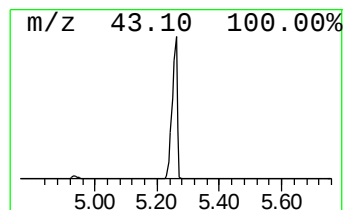
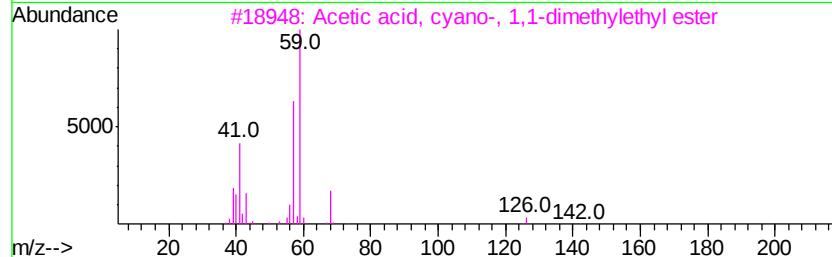
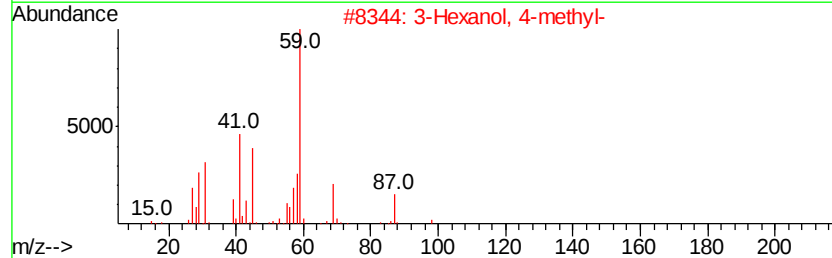
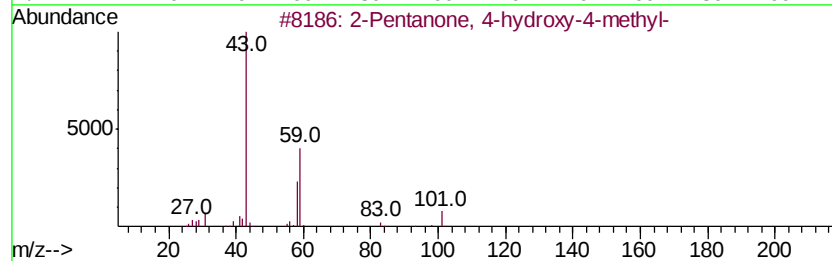
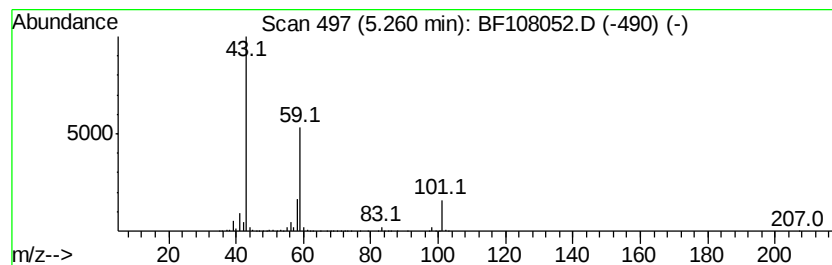
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.26	40.36 ng	3885830	1,4-Dichlorobenzene-d4	7.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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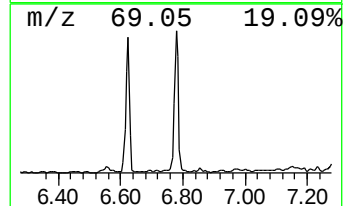
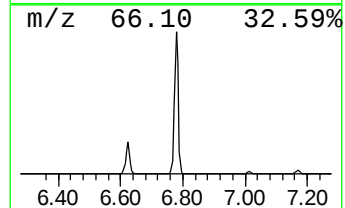
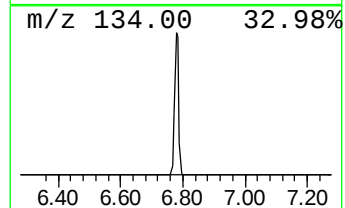
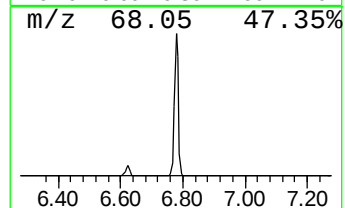
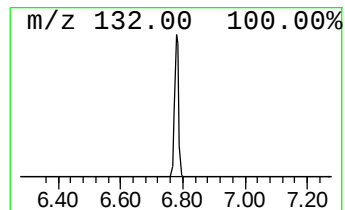
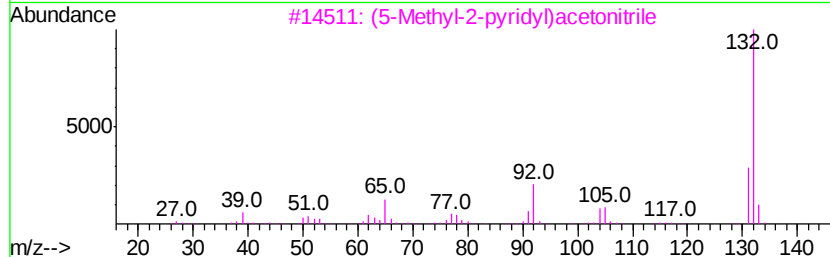
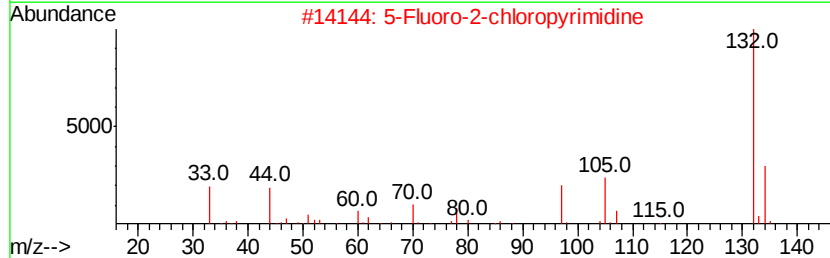
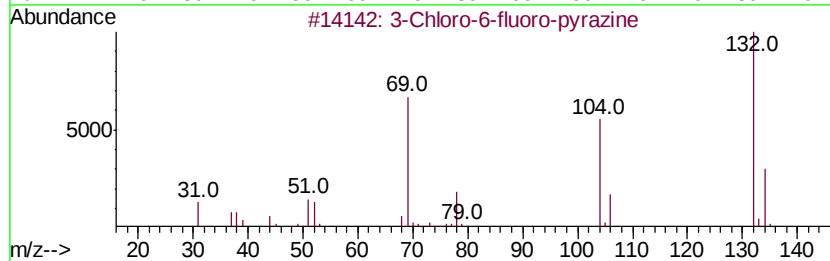
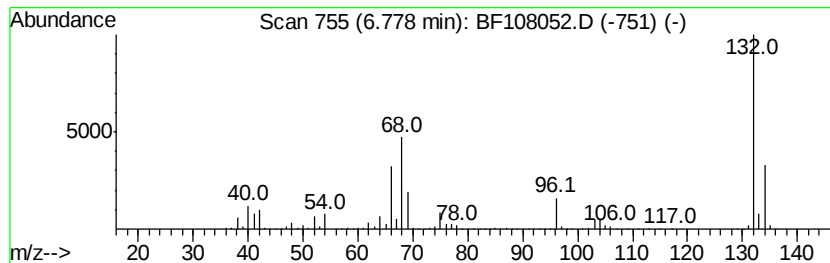
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	36.93 ng	3555600	1,4-Dichlorobenzene-d4	7.01

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	16
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Xenon	132	Xe	007440-63-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108052.D
Acq On : 9 Aug 2018 15:07
Operator : JU/SJ
Sample : J4271-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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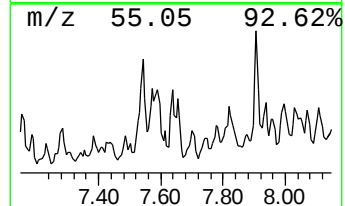
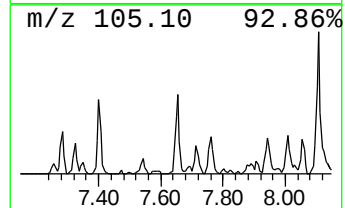
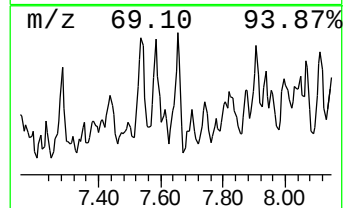
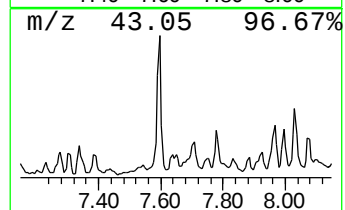
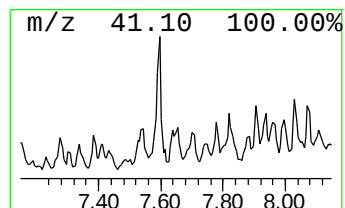
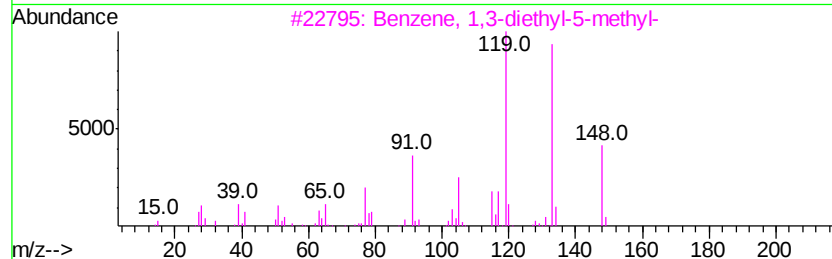
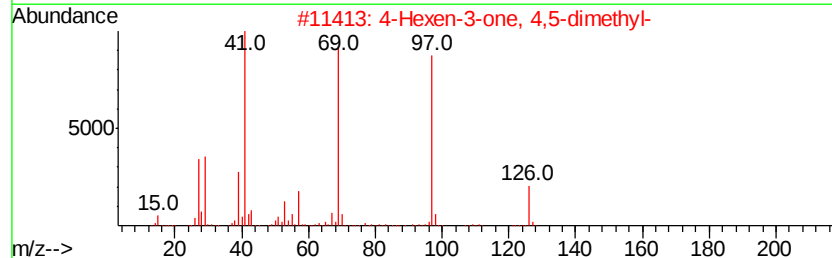
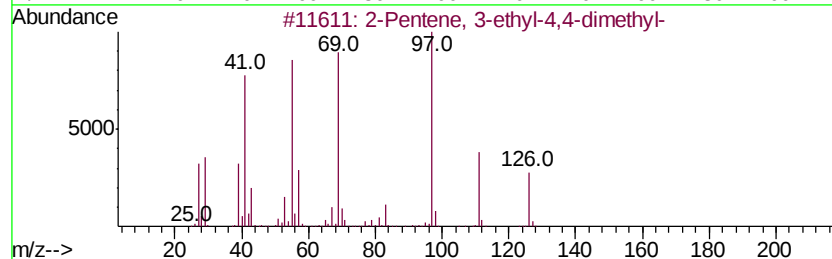
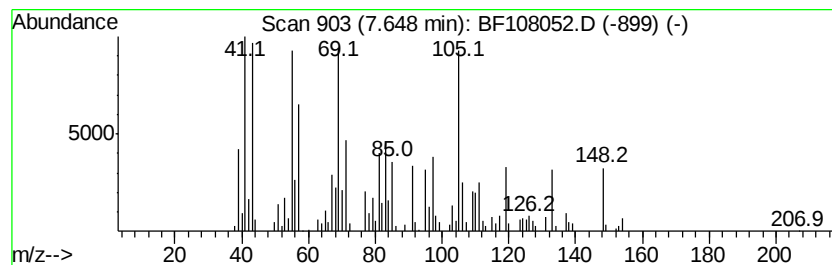
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.65 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	3.50 ng	336908	1,4-Dichlorobenzene-d4	7.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35		
2	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	27		
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	25		
4	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	14		
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	14		



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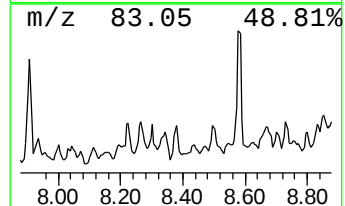
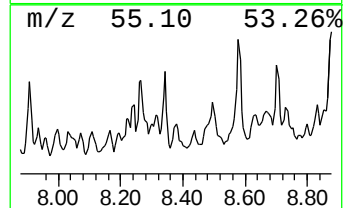
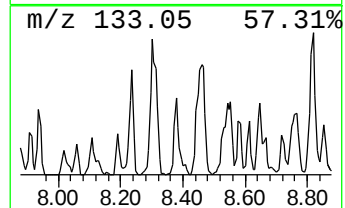
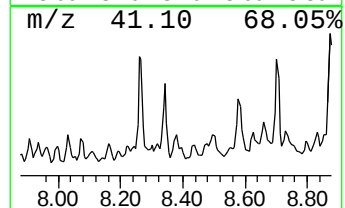
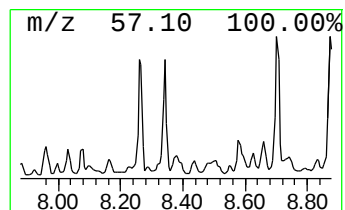
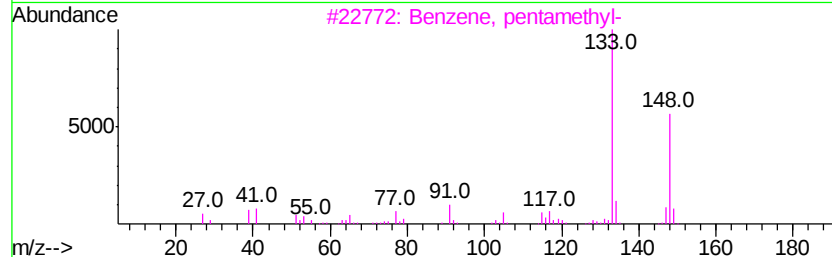
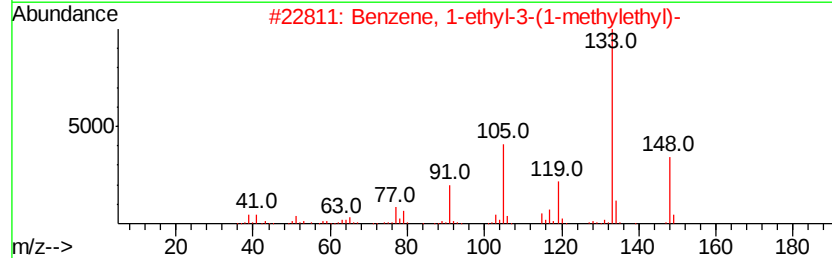
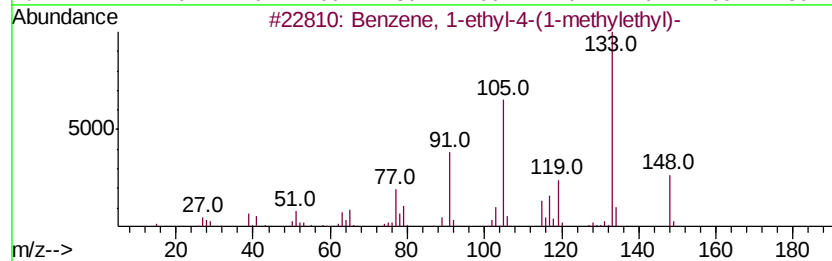
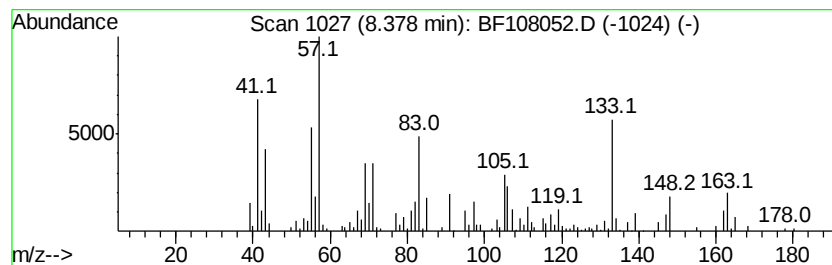
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	2.71 ng	339665	Naphthalene-d8	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	25
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	20
4		1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	20
5		2-tert-Butyltoluene	148	C11H16	001074-92-6	18



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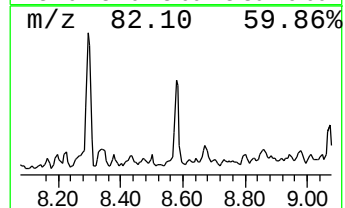
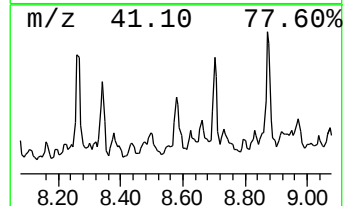
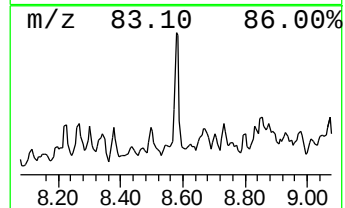
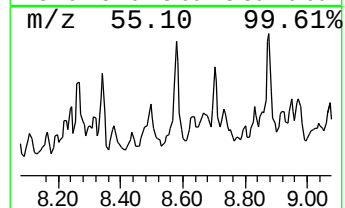
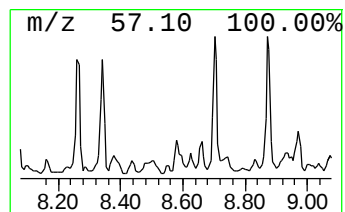
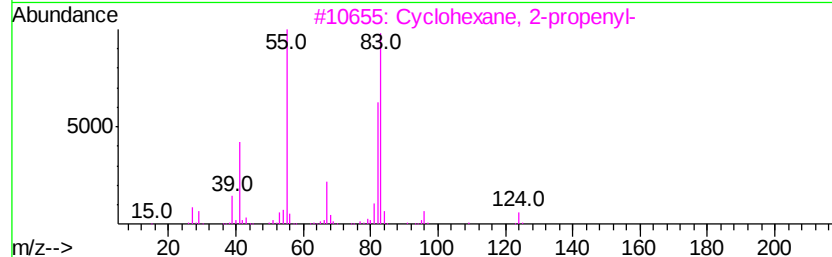
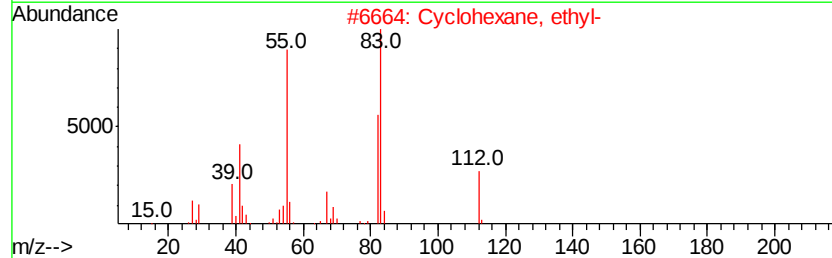
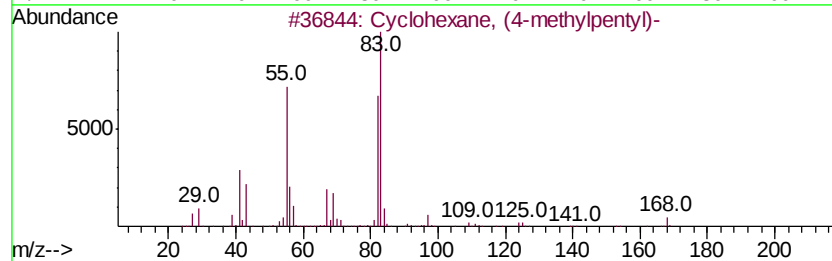
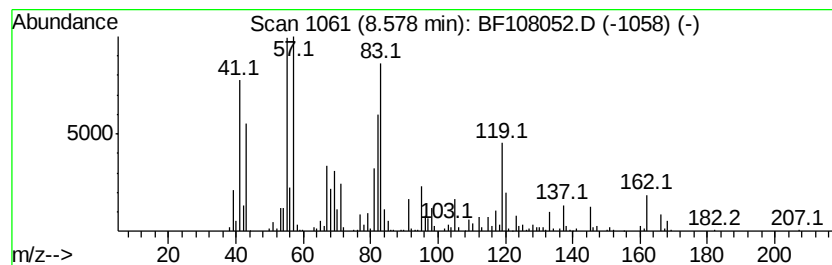
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.58 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	5.27 ng	660174	Napthalene-d8	8.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	35
5		1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
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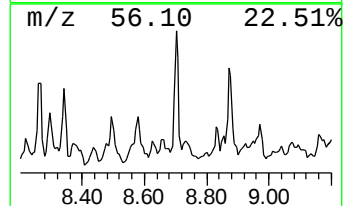
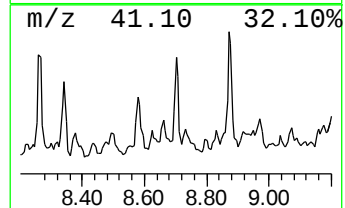
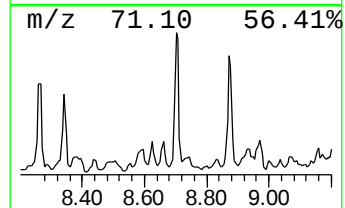
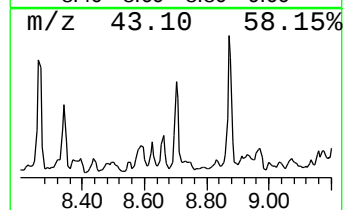
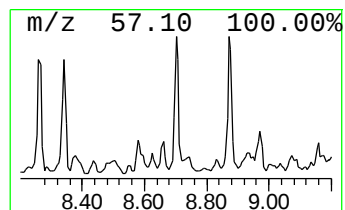
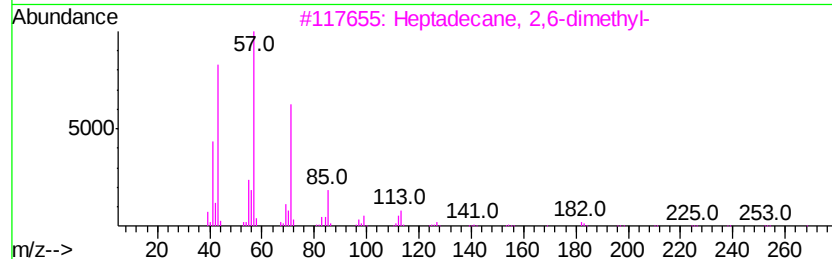
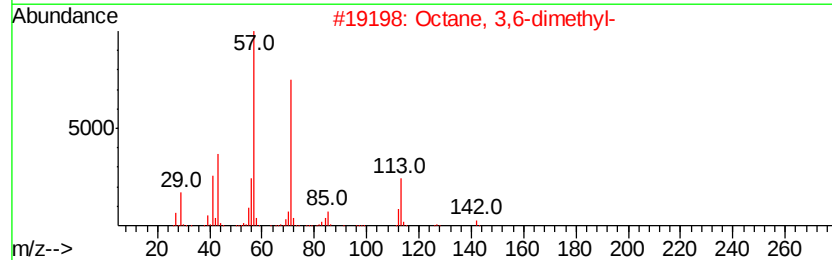
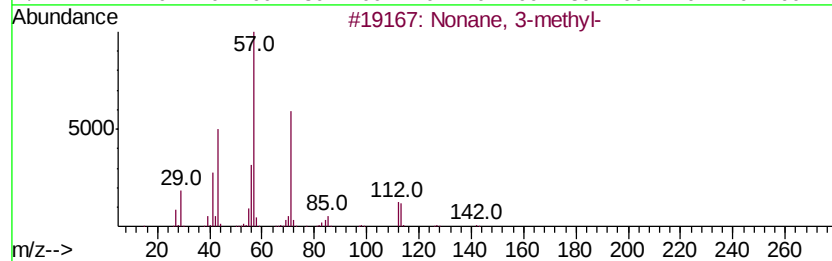
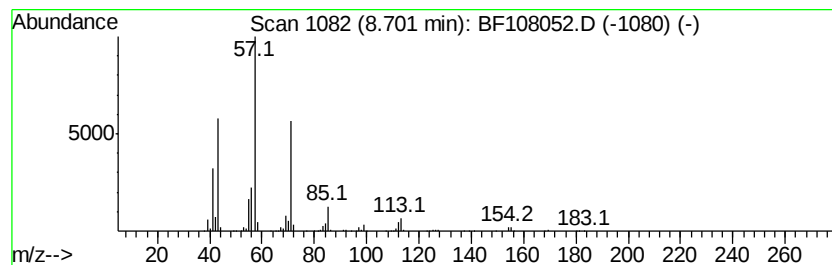
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	4.67 ng	585068	Naphthalene-d8	8.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59
4			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
5			Ether, hexyl pentyl	172	C11H24O	032357-83-8	53



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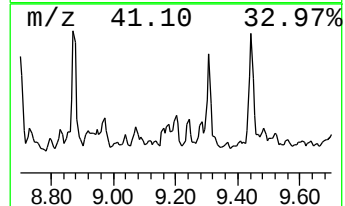
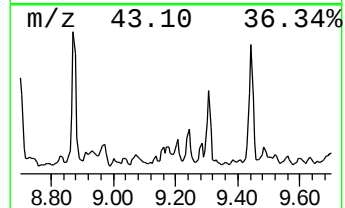
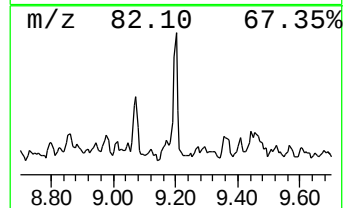
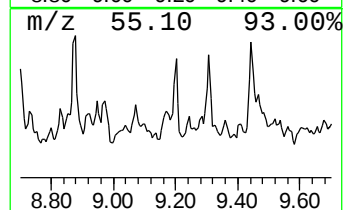
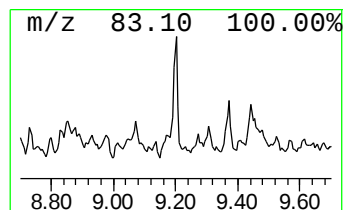
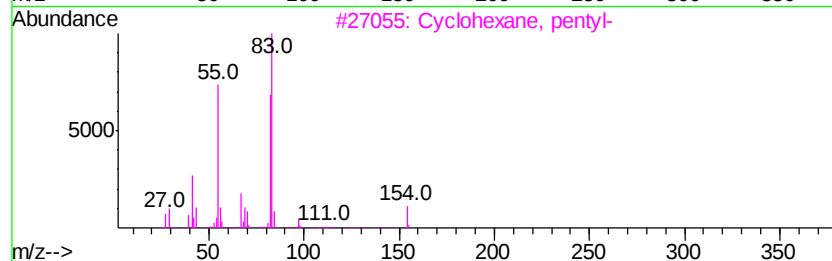
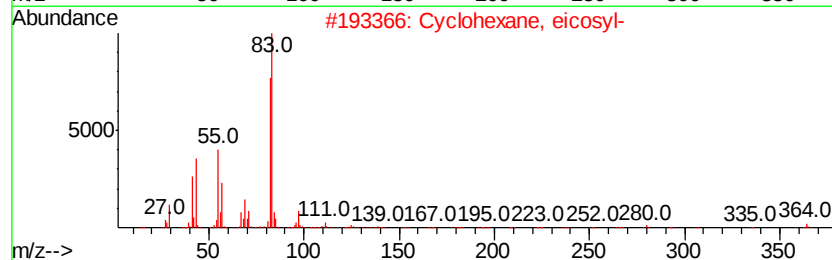
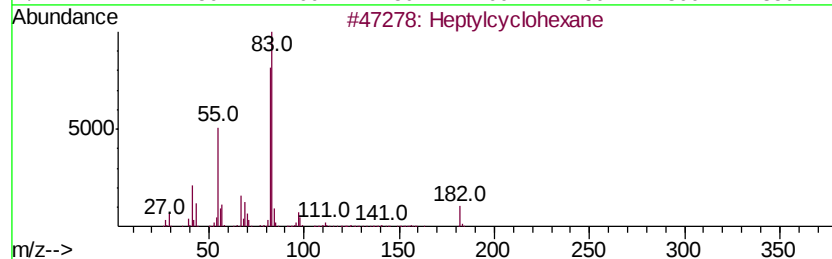
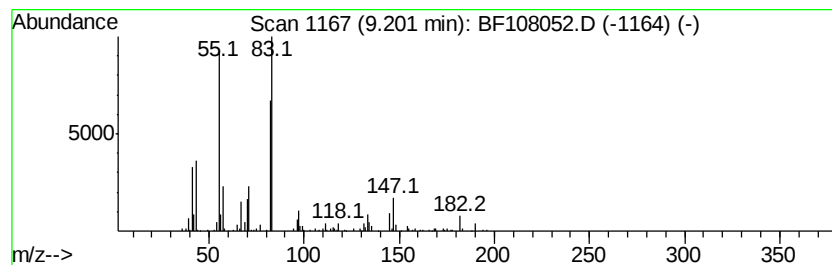
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	2.93 ng	351170	Acenaphthene-d10	10.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	58
2		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	50
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	42
5		Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	42



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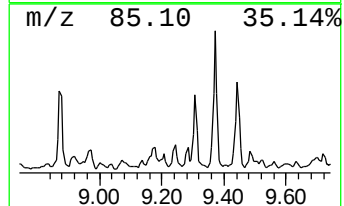
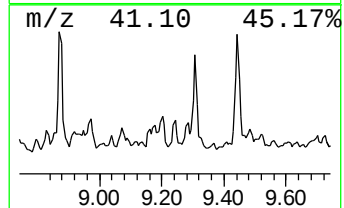
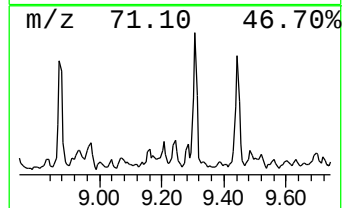
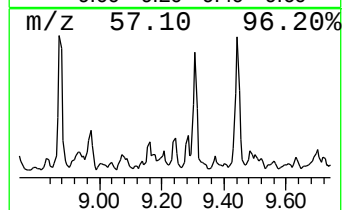
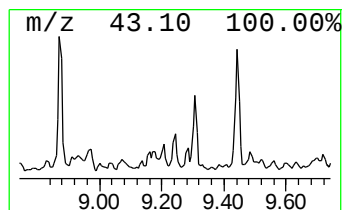
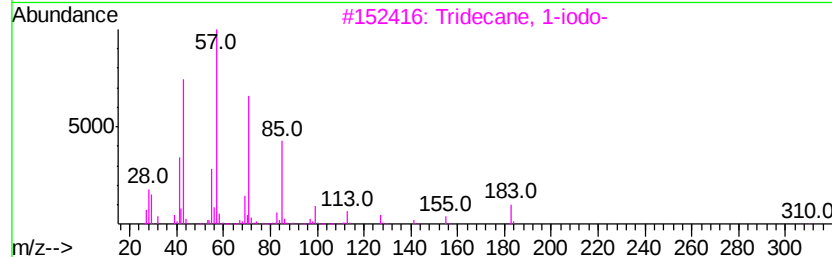
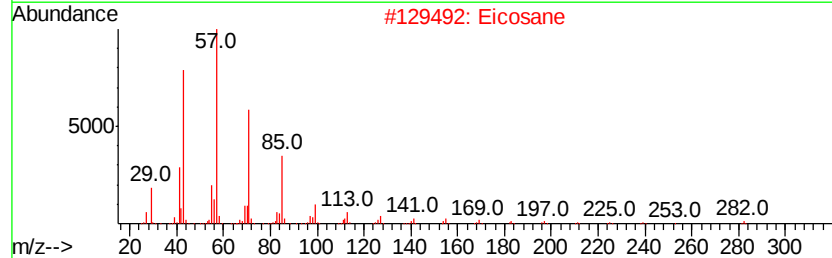
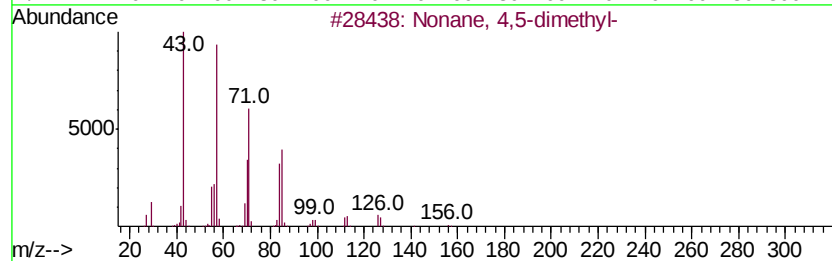
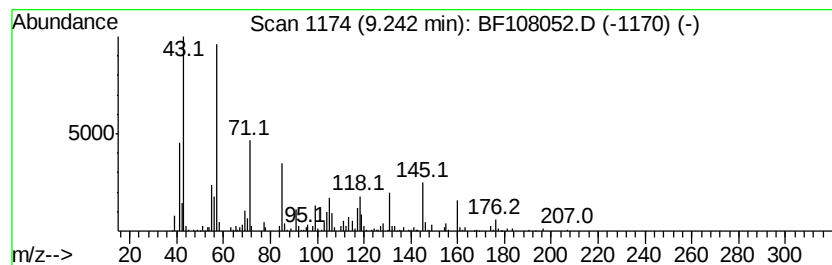
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown9.24 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.92 ng	350607	Acenaphthene-d10	10.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonane, 4,5-dimethyl-	156 C11H24	017302-23-7 25
2		Eicosane	282 C20H42	000112-95-8 11
3		Tridecane, 1-iodo-	310 C13H27I	035599-77-0 11
4		Benzene, (3,3-dimethyl-1-methyle...	174 C13H18	007283-47-8 11
5		2-Bromo dodecane	248 C12H25Br	013187-99-0 11



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ALS Vial : 14 Sample Multiplier: 1

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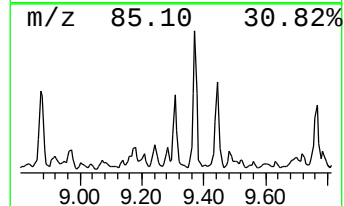
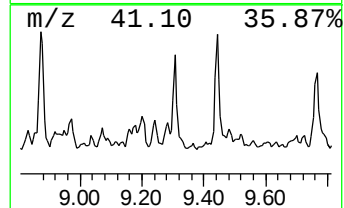
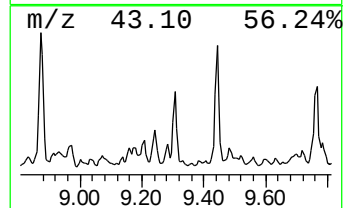
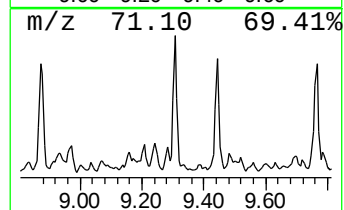
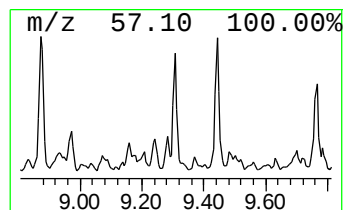
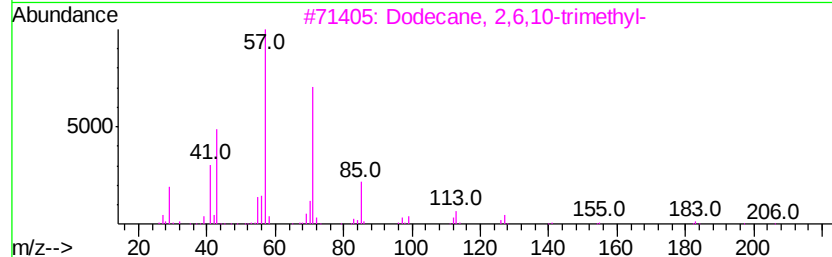
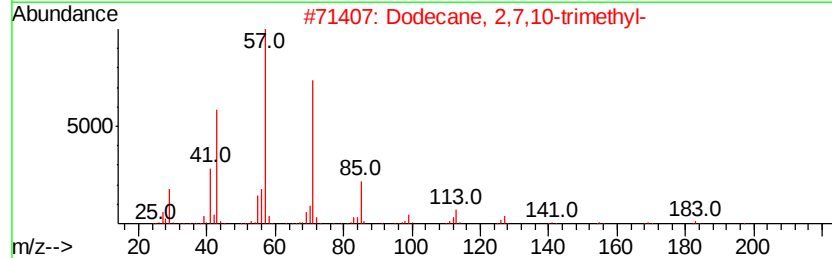
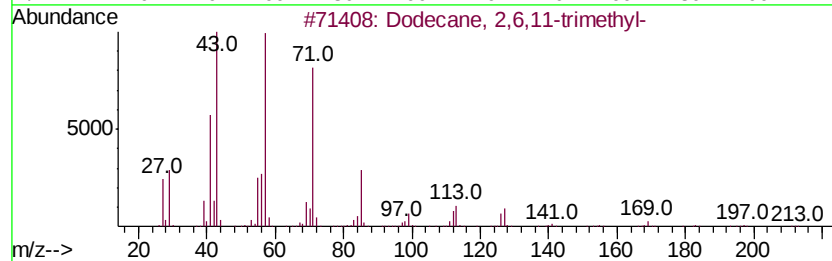
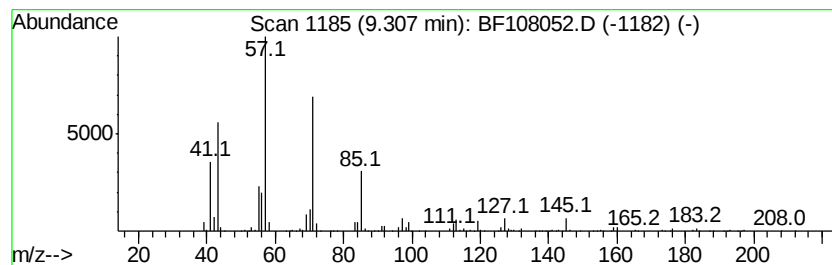
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	5.84 ng	700004	Acenaphthene-d10	10.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	76
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108052.D
Acq On : 9 Aug 2018 15:07
Operator : JU/SJ
Sample : J4271-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-080818-A

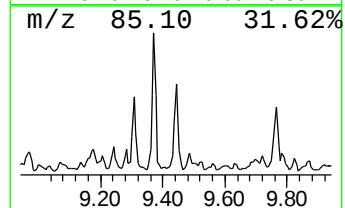
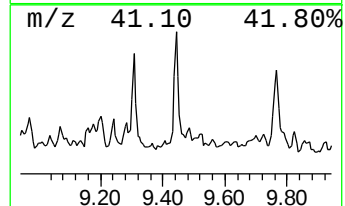
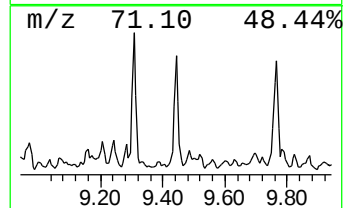
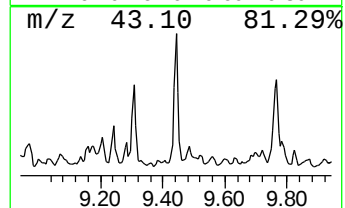
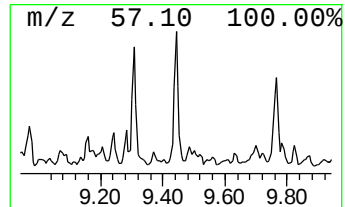
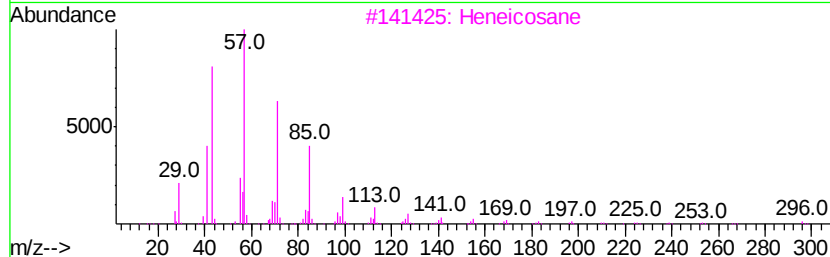
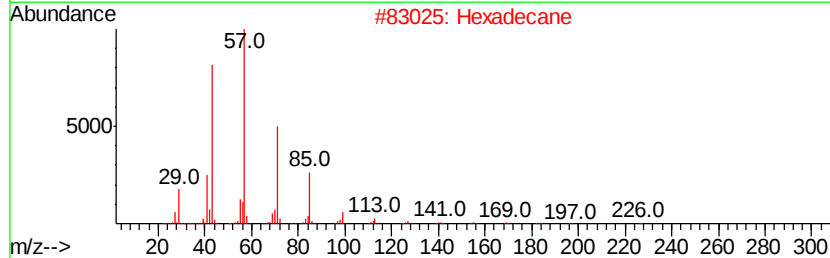
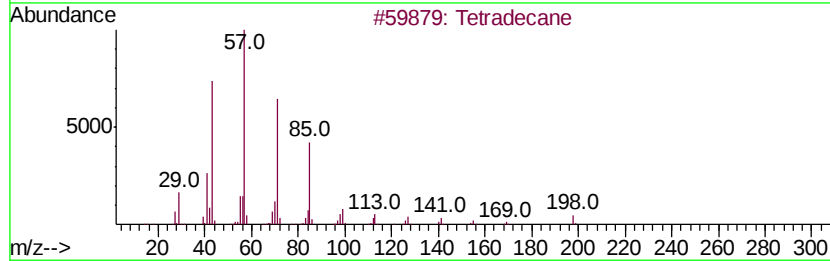
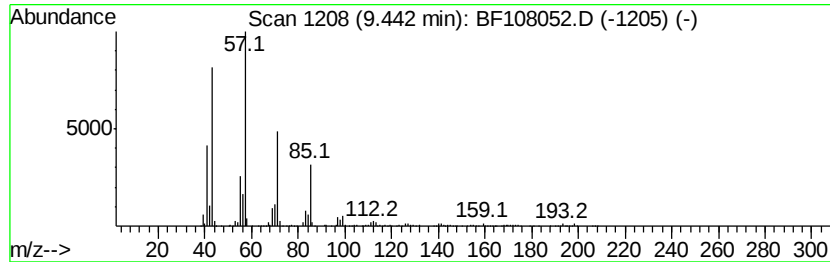
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	8.35 ng	1001360	Acenaphthene-d10	10.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	86
4		Tridecane	184	C13H28	000629-50-5	80
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108052.D
Acq On : 9 Aug 2018 15:07
Operator : JU/SJ
Sample : J4271-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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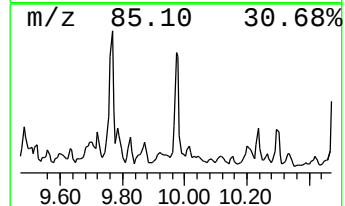
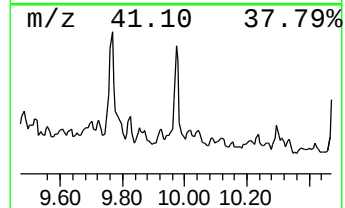
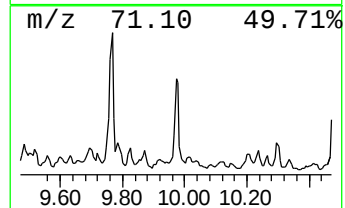
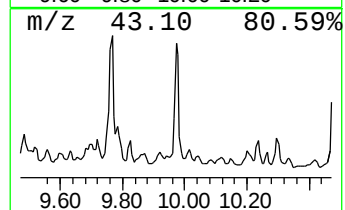
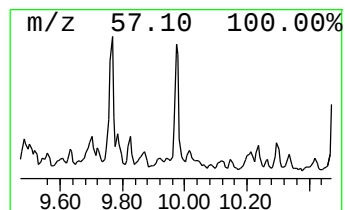
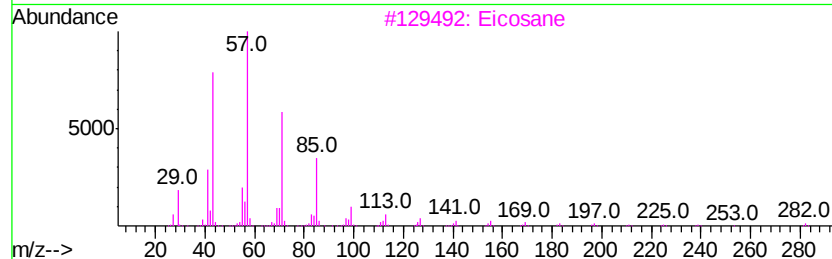
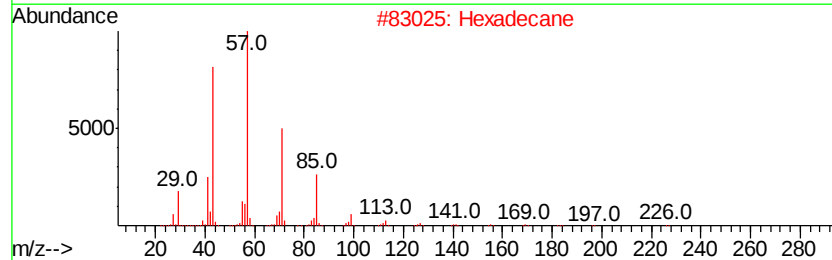
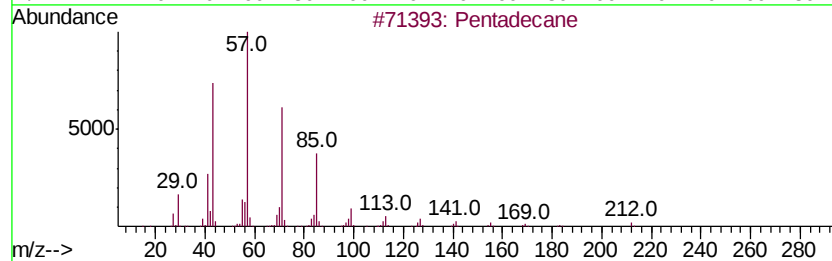
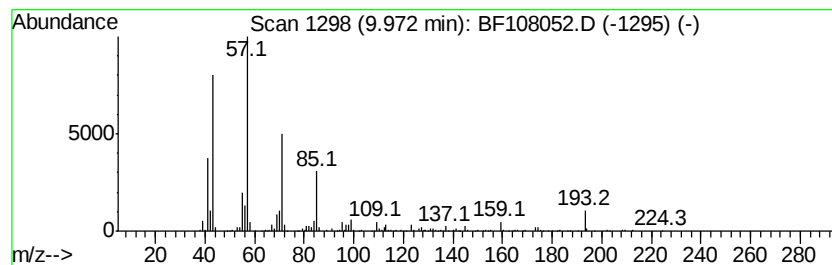
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	5.03 ng	602853	Acenaphthene-d10	10.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		Hexadecane	226	C16H34	000544-76-3	68
3		Eicosane	282	C20H42	000112-95-8	64
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5		Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
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Sample : J4271-01 2X
Misc :
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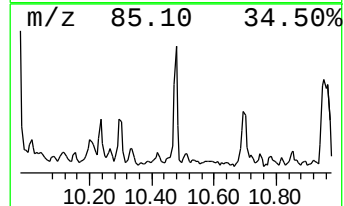
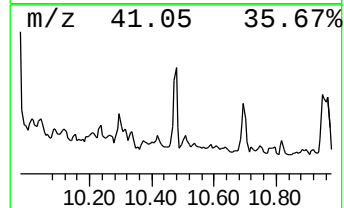
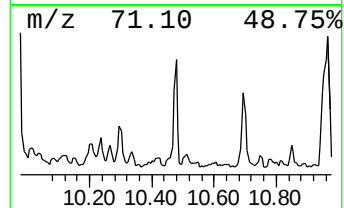
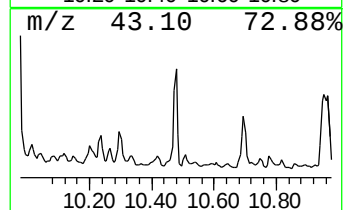
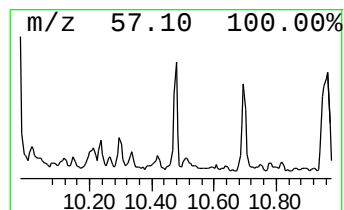
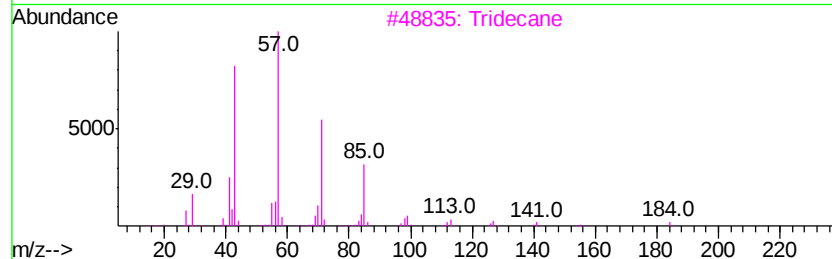
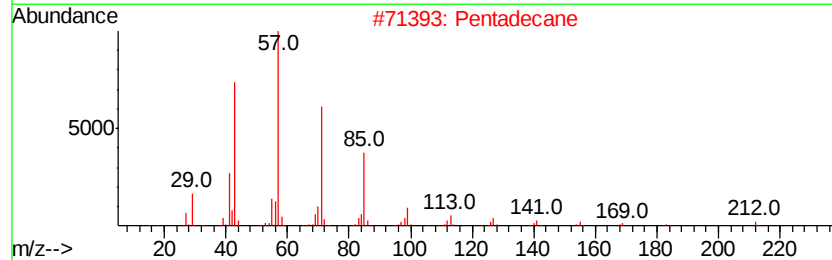
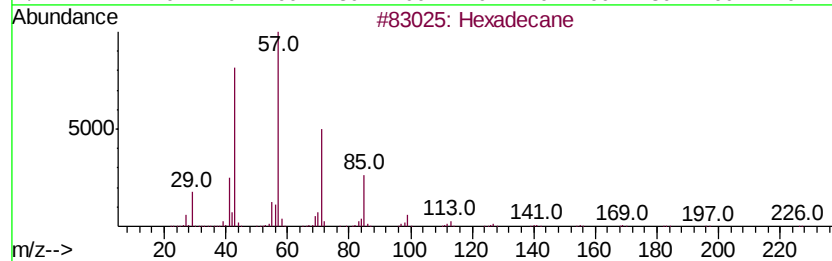
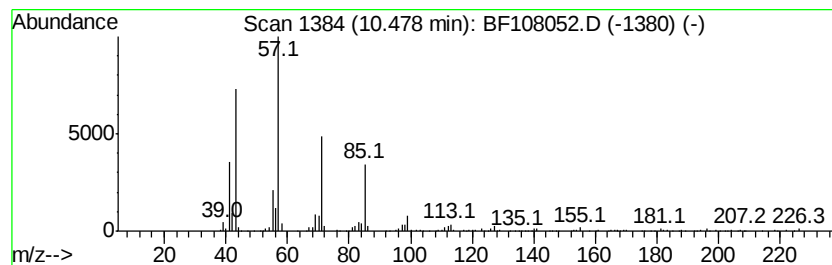
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	3.19 ng	383034	Acenaphthene-d10	10.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	96
2	Pentadecane	212 C15H32	000629-62-9	86
3	Tridecane	184 C13H28	000629-50-5	86
4	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
5	Tetradecane	198 C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
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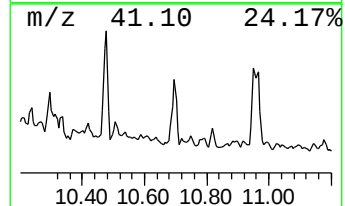
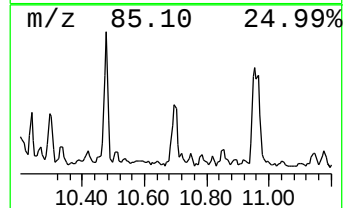
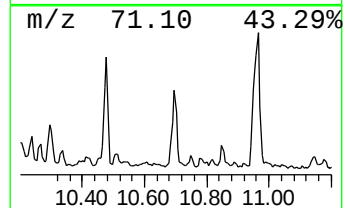
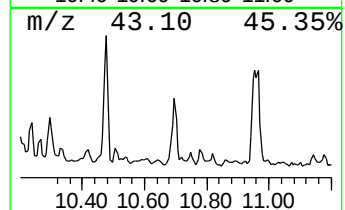
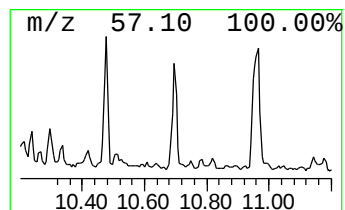
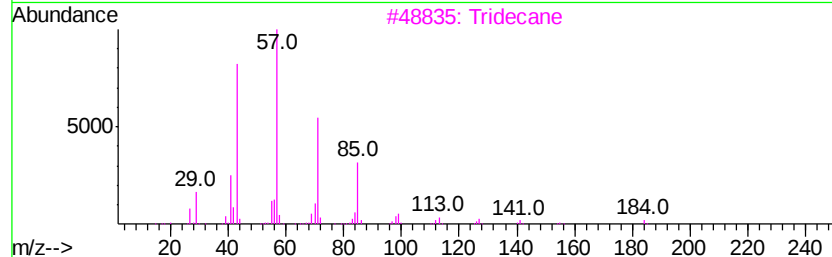
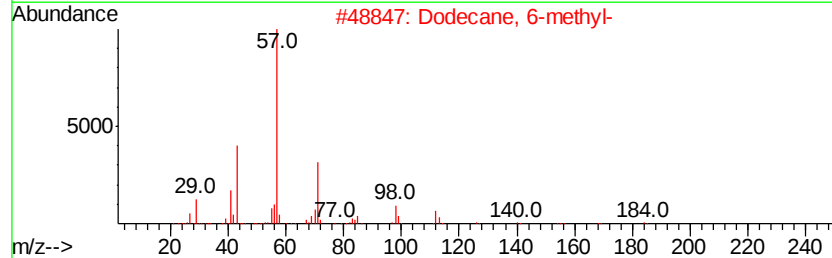
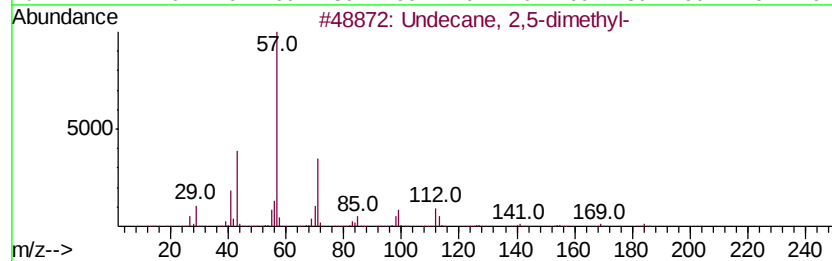
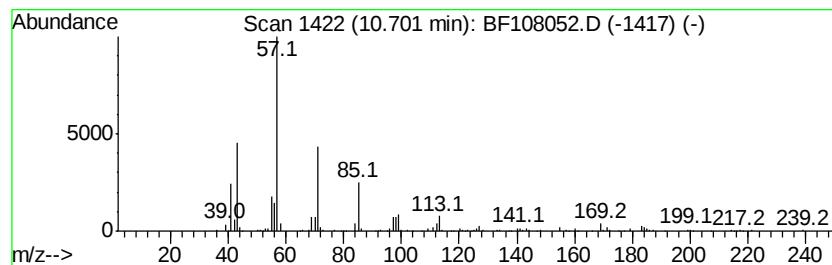
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.70	2.59 ng	310646	Acenaphthene-d10	10.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	68
3	Tridecane	184	C13H28	000629-50-5	68
4	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	64
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
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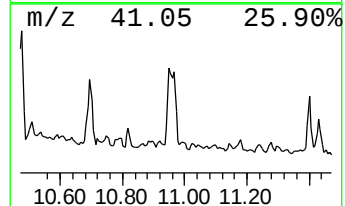
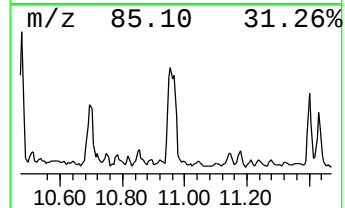
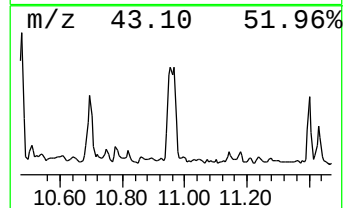
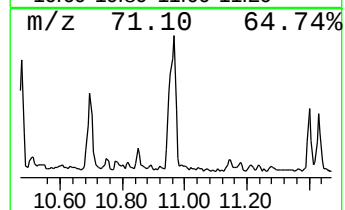
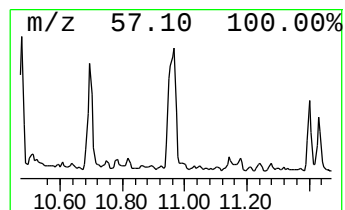
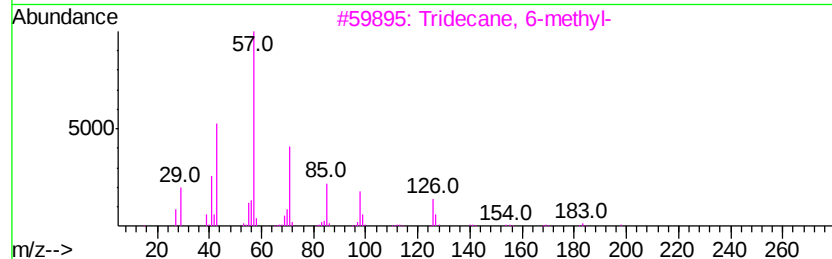
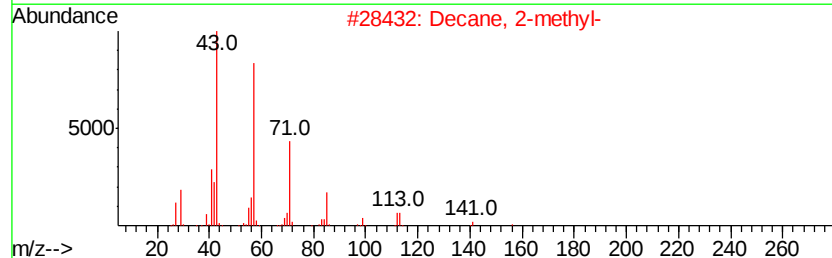
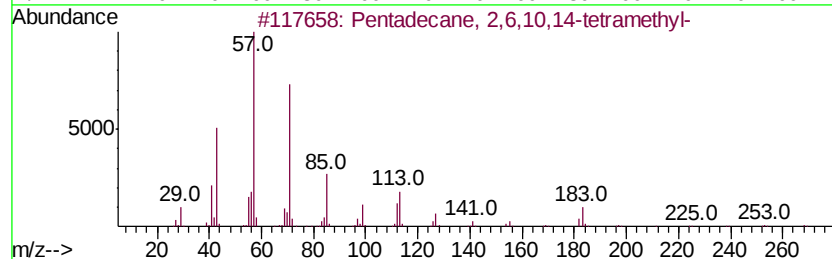
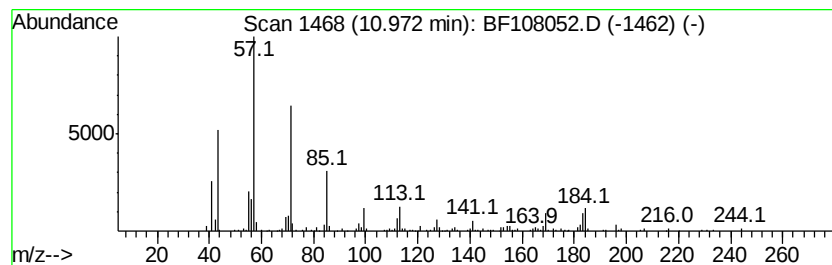
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.97	5.74 ng	609332	Phenanthrene-d10	11.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Decane, 2-methyl-	156	C11H24	006975-98-0	87
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
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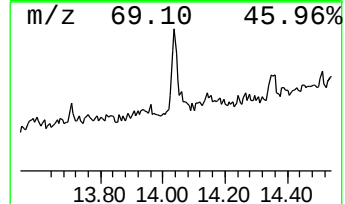
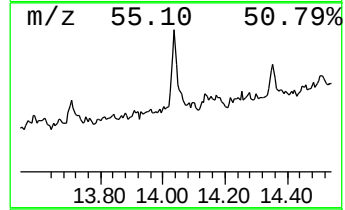
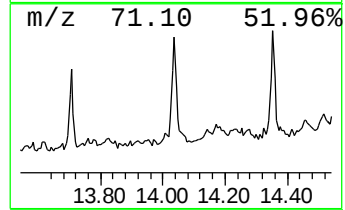
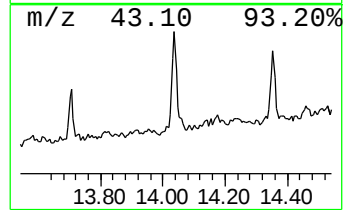
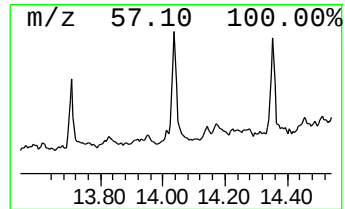
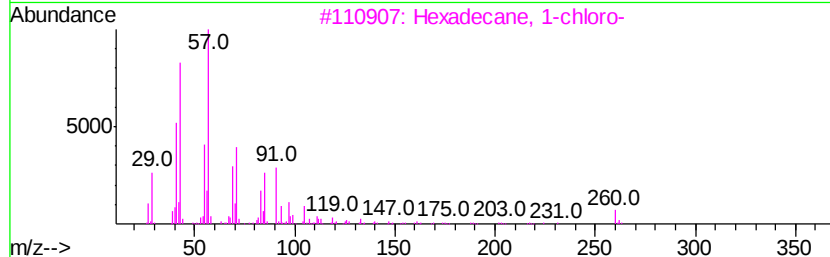
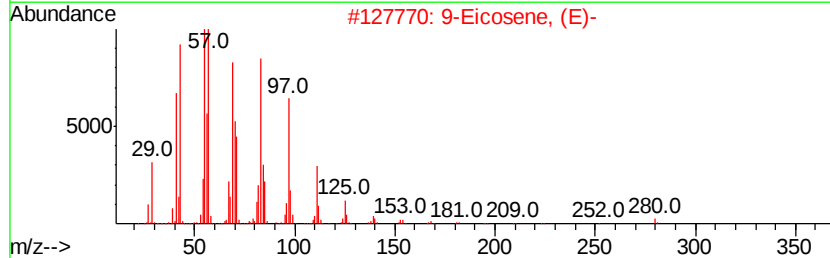
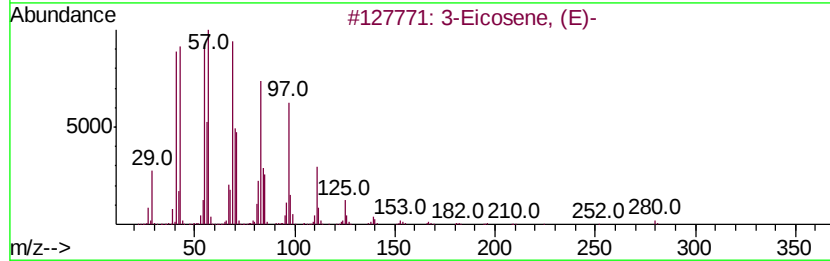
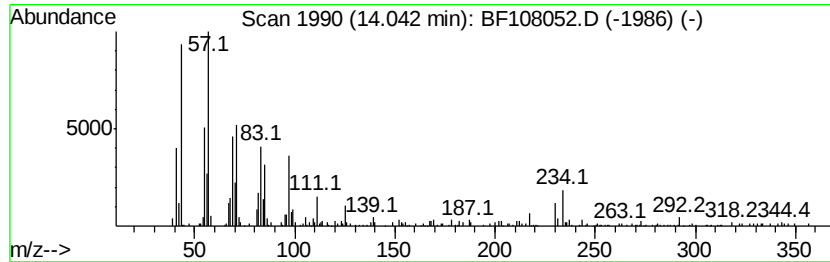
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3-Eicosene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.42 ng	354716	Chrysene-d12	14.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Eicosene, (E)-	280 C20H40	074685-33-9 95
2		9-Eicosene, (E)-	280 C20H40	074685-29-3 87
3		Hexadecane, 1-chloro-	260 C16H33Cl	004860-03-1 87
4		Oxirane, [(hexadecyloxy)methyl]-	298 C19H38O2	015965-99-8 86
5		Ethanol, 2-(hexadecyloxy)-	286 C18H38O2	002136-71-2 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108052.D
Acq On : 9 Aug 2018 15:07
Operator : JU/SJ
Sample : J4271-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

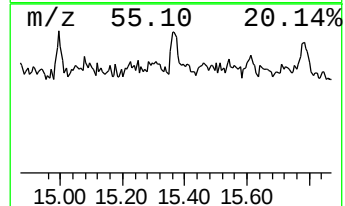
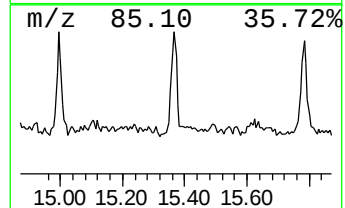
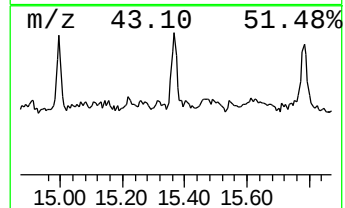
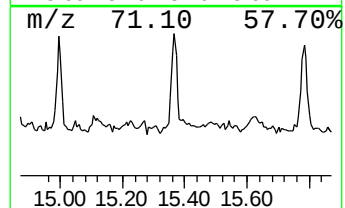
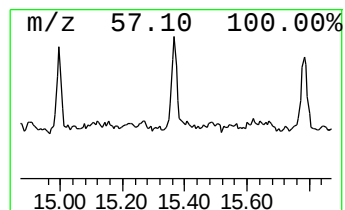
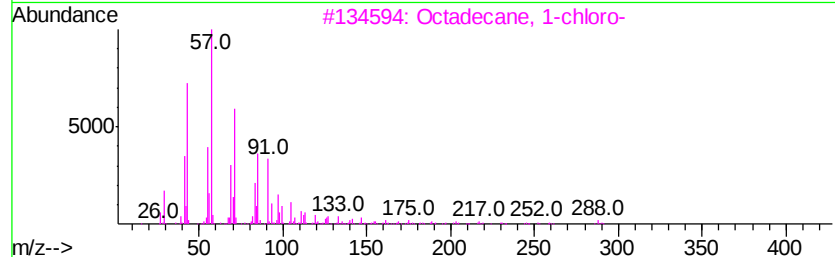
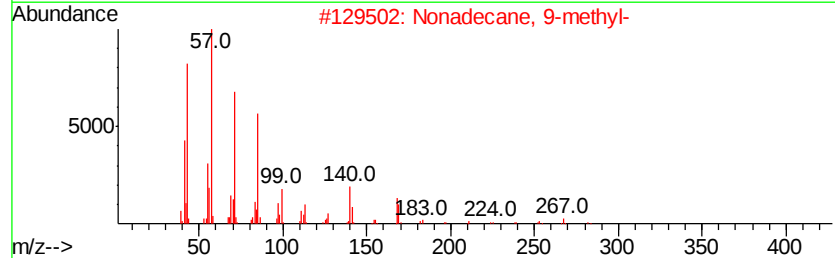
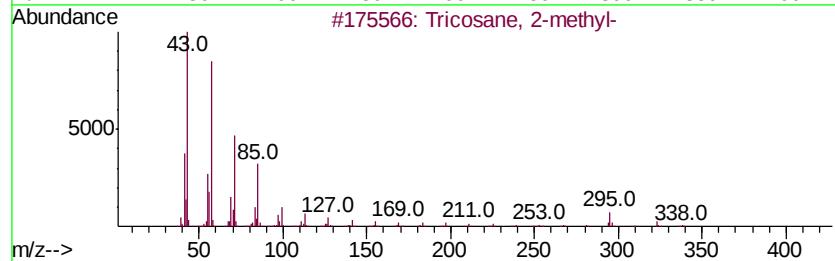
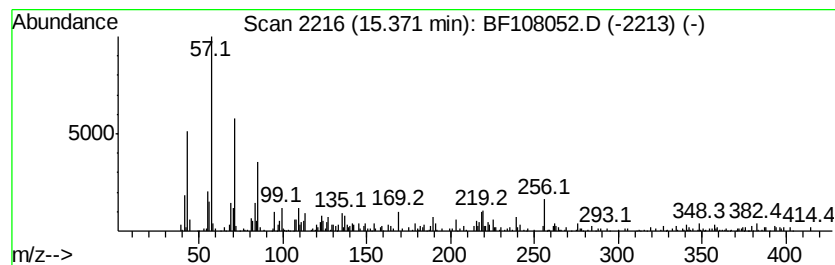
Instrument :
BNA_F
ClientSampleId :
HR-05-080818-A

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 Tricosane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.37	3.78 ng	325172	Perylene-d12	15.78	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	81
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	74
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	72
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
 Data File : BF108052.D
 Acq On : 9 Aug 2018 15:07
 Operator : JU/SJ
 Sample : J4271-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080818-A

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
Butane, 2-methoxy...	2.37	3.1 ng		302972	1	7.01	1925720	20.0
2-Pentanone, 4-hy...	5.26	40.4 ng		3885830	1	7.01	1925720	20.0
unknown6.78	6.78	36.9 ng		3555600	1	7.01	1925720	20.0
unknown7.65	7.65	3.5 ng		336908	1	7.01	1925720	20.0
Benzene, 1-ethyl-...	8.38	2.7 ng		339665	2	8.30	2506280	20.0
unknown8.58	8.58	5.3 ng		660174	2	8.30	2506280	20.0
Nonane, 3-methyl-	8.70	4.7 ng		585068	2	8.30	2506280	20.0
Heptylcyclohexane	9.20	2.9 ng		351170	3	10.06	2398160	20.0
unknown9.24	9.24	2.9 ng		350607	3	10.06	2398160	20.0
Dodecane, 2,6,11-...	9.31	5.8 ng		700004	3	10.06	2398160	20.0
Tetradecane	9.44	8.3 ng		1001360	3	10.06	2398160	20.0
Pentadecane	9.97	5.0 ng		602853	3	10.06	2398160	20.0
Hexadecane	10.48	3.2 ng		383034	3	10.06	2398160	20.0
Undecane, 2,5-dim...	10.70	2.6 ng		310646	3	10.06	2398160	20.0
Pentadecane, 2,6,...	10.97	5.7 ng		609332	4	11.56	2121780	20.0
3-Eicosene, (E)-	14.04	3.4 ng		354716	5	14.21	2076910	20.0
Tricosane, 2-methyl-	15.37	3.8 ng		325172	6	15.78	1718670	20.0