

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016268.D
 Acq On : 09 Aug 2018 04:03
 Operator : SJ/JU
 Sample : J4328-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-15

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_M\METHODS\8270-BM072318.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	5.187	318	323	330	rBV	32279	50230	2.46%	0.249%
2	5.381	351	356	365	rBB	39356	63027	3.08%	0.312%
3	5.663	394	404	417	rBV	235809	412871	20.20%	2.044%
4	7.299	676	682	692	rBV	131572	255752	12.51%	1.266%
5	7.375	692	695	703	rVB	26290	43177	2.11%	0.214%
6	7.657	737	743	755	rBV	522927	868880	42.52%	4.301%
7	8.128	818	823	830	rBV	172170	297679	14.57%	1.473%
8	8.451	867	878	883	rBV	597200	980969	48.00%	4.856%
9	8.499	883	886	891	rVB2	64803	96641	4.73%	0.478%
10	9.169	993	1000	1005	rBV5	36794	82581	4.04%	0.409%
11	9.228	1005	1010	1019	rVB2	43009	83895	4.11%	0.415%
12	9.316	1019	1025	1032	rBV	479523	819963	40.12%	4.059%
13	9.575	1065	1069	1076	rVV4	25645	49224	2.41%	0.244%
14	9.751	1093	1099	1110	rVB3	41773	85728	4.19%	0.424%
15	9.957	1124	1134	1139	rBV6	26450	58307	2.85%	0.289%
16	10.116	1152	1161	1166	rBV5	19708	55331	2.71%	0.274%
17	10.334	1185	1198	1203	rBV7	50380	145720	7.13%	0.721%
18	10.481	1216	1223	1230	rVB5	32927	68483	3.35%	0.339%
19	10.557	1230	1236	1242	rBV6	27328	66439	3.25%	0.329%
20	10.681	1250	1257	1262	rVV6	65812	149890	7.33%	0.742%
21	10.798	1271	1277	1282	rBV5	22353	41720	2.04%	0.207%
22	10.875	1282	1290	1293	rBV6	17029	45878	2.24%	0.227%
23	10.945	1297	1302	1315	rVB	212455	425286	20.81%	2.105%
24	11.110	1322	1330	1340	rVB3	81269	161265	7.89%	0.798%
25	11.210	1341	1347	1350	rBV4	19643	40058	1.96%	0.198%
26	11.287	1355	1360	1364	rVV2	25944	49236	2.41%	0.244%
27	11.398	1364	1379	1386	rVV9	67478	243005	11.89%	1.203%
28	11.516	1394	1399	1413	rVV6	61944	172580	8.44%	0.854%
29	11.687	1420	1428	1435	rBV2	76205	170648	8.35%	0.845%
30	11.757	1435	1440	1444	rBV6	19025	45446	2.22%	0.225%
31	11.810	1444	1449	1455	rBV6	56033	136194	6.66%	0.674%
32	11.951	1465	1473	1479	rBV5	35798	88555	4.33%	0.438%
33	12.028	1479	1486	1498	rVB10	48059	165749	8.11%	0.820%
34	12.169	1499	1510	1517	rBV9	42022	142561	6.98%	0.706%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.281	1525	1529	1537	rVB5	44117	87333	4.27%	0.432%
36	12.357	1537	1542	1545	rBV4	30028	48843	2.39%	0.242%
37	12.398	1545	1549	1552	rBV2	38205	49911	2.44%	0.247%
38	12.486	1559	1564	1565	rBV4	50208	73744	3.61%	0.365%
39	12.545	1570	1574	1577	rVV3	64808	108610	5.31%	0.538%
40	12.592	1577	1582	1588	rVV2	97935	194605	9.52%	0.963%
41	12.651	1588	1592	1599	rVV8	41071	87263	4.27%	0.432%
42	12.710	1599	1602	1605	rVV4	30156	50050	2.45%	0.248%
43	12.751	1605	1609	1616	rVB4	90750	164179	8.03%	0.813%
44	12.839	1618	1624	1628	rBV7	76140	139939	6.85%	0.693%
45	12.916	1629	1637	1645	rVB4	116239	358546	17.54%	1.775%
46	13.004	1645	1652	1658	rBV5	81919	209048	10.23%	1.035%
47	13.069	1658	1663	1667	rBV3	74992	140905	6.89%	0.697%
48	13.186	1679	1683	1689	rBV7	34800	65593	3.21%	0.325%
49	13.251	1690	1694	1698	rVV7	24596	42035	2.06%	0.208%
50	13.298	1698	1702	1709	rVB5	79142	167388	8.19%	0.829%
51	13.386	1711	1717	1723	rBV	1129663	1603333	78.46%	7.936%
52	13.445	1724	1727	1731	rVV4	47141	65440	3.20%	0.324%
53	13.492	1731	1735	1739	rVB5	56177	82668	4.05%	0.409%
54	13.598	1747	1753	1756	rBV6	63741	134778	6.60%	0.667%
55	13.739	1772	1777	1780	rBV6	36164	74873	3.66%	0.371%
56	13.804	1784	1788	1792	rVB5	34540	54144	2.65%	0.268%
57	13.886	1798	1802	1808	rBV4	55085	105412	5.16%	0.522%
58	13.939	1808	1811	1814	rBV2	46044	57954	2.84%	0.287%
59	13.981	1815	1818	1821	rVV4	49444	60620	2.97%	0.300%
60	14.022	1821	1825	1829	rVB5	73223	107904	5.28%	0.534%
61	14.069	1829	1833	1837	rBV	55166	80134	3.92%	0.397%
62	14.116	1837	1841	1845	rBV4	72909	122024	5.97%	0.604%
63	14.222	1854	1859	1864	rVB	105523	173830	8.51%	0.860%
64	14.398	1883	1889	1894	rVB7	74992	159911	7.82%	0.792%
65	14.575	1914	1919	1923	rBV2	118579	228217	11.17%	1.130%
66	14.710	1937	1942	1946	rBV8	40289	77278	3.78%	0.383%
67	14.769	1947	1952	1958	rVV2	288352	484986	23.73%	2.401%
68	14.833	1958	1963	1967	rVB	128428	198757	9.73%	0.984%
69	14.916	1974	1977	1983	rVV6	37326	76442	3.74%	0.378%
70	14.969	1983	1986	1992	rVB4	34791	52526	2.57%	0.260%
71	15.098	2004	2008	2012	rVB6	31022	49679	2.43%	0.246%

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72	15.163	2015	2019	2029	rVB3	111984	227889	11.15%	1.128%
73	15.251	2030	2034	2037	rBV3	53524	83664	4.09%	0.414%
74	15.292	2038	2041	2043	rBV2	30056	40588	1.99%	0.201%
75	15.375	2051	2055	2059	rBV7	35398	75293	3.68%	0.373%
76	15.416	2059	2062	2068	rVB4	79291	135419	6.63%	0.670%
77	15.516	2075	2079	2081	rBV5	33671	54366	2.66%	0.269%
78	15.669	2101	2105	2109	rVB2	100303	139202	6.81%	0.689%
79	15.722	2109	2114	2115	rBV3	45872	76836	3.76%	0.380%
80	15.810	2125	2129	2136	rBV3	139266	224770	11.00%	1.113%
81	15.869	2136	2139	2145	rVB5	47951	76205	3.73%	0.377%
82	16.033	2163	2167	2172	rBV6	60073	100129	4.90%	0.496%
83	16.139	2182	2185	2193	rVB3	76881	154574	7.56%	0.765%
84	16.257	2199	2205	2211	rBV	861406	1277903	62.53%	6.325%
85	16.504	2242	2247	2251	rBV6	73517	141941	6.95%	0.703%
86	16.686	2274	2278	2283	rVB6	60138	93376	4.57%	0.462%
87	16.927	2317	2319	2325	rVB5	49943	68541	3.35%	0.339%
88	16.986	2326	2329	2333	rVB4	36756	48022	2.35%	0.238%
89	17.157	2355	2358	2364	rVB6	47564	78906	3.86%	0.391%
90	17.304	2380	2383	2386	rBV3	30313	44888	2.20%	0.222%
91	17.504	2412	2417	2422	rBV	310317	458326	22.43%	2.269%
92	18.363	2558	2563	2567	rBV	213001	267470	13.09%	1.324%
93	19.615	2772	2776	2780	rBV	103102	130915	6.41%	0.648%
94	20.080	2850	2855	2861	rBV	1670479	2043601	100.00%	10.115%
95	20.362	2900	2903	2910	rVB	66263	99351	4.86%	0.492%
96	20.839	2982	2984	2988	rVB2	34593	39448	1.93%	0.195%
97	21.304	3060	3063	3071	rVB2	87688	112987	5.53%	0.559%
98	21.633	3114	3119	3124	rBV2	392205	529490	25.91%	2.621%
99	22.786	3312	3315	3321	rVB	95557	133372	6.53%	0.660%
100	23.968	3510	3516	3526	rVB	280645	543782	26.61%	2.692%

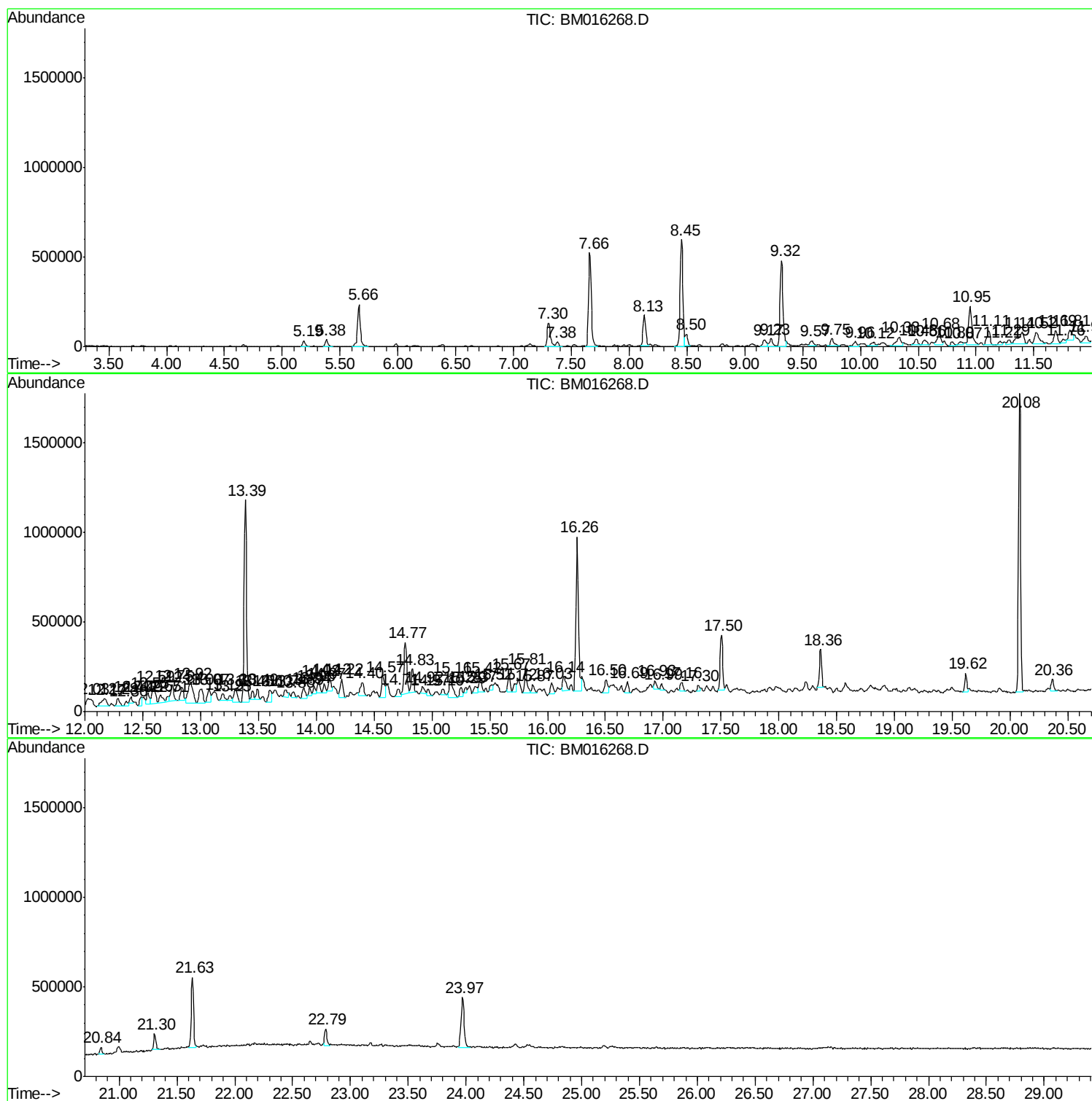
Sum of corrected areas: 20203124

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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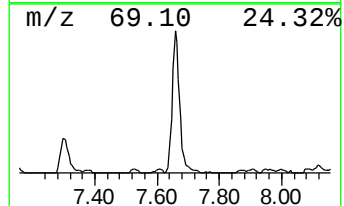
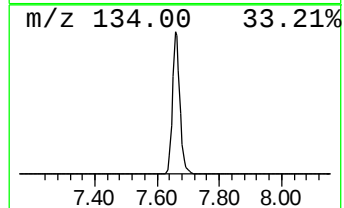
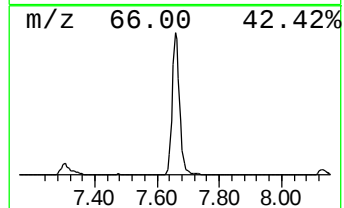
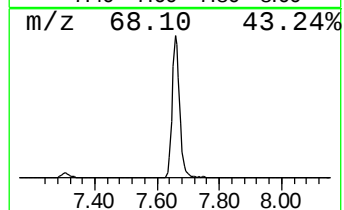
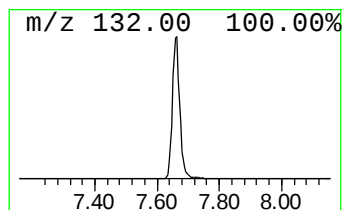
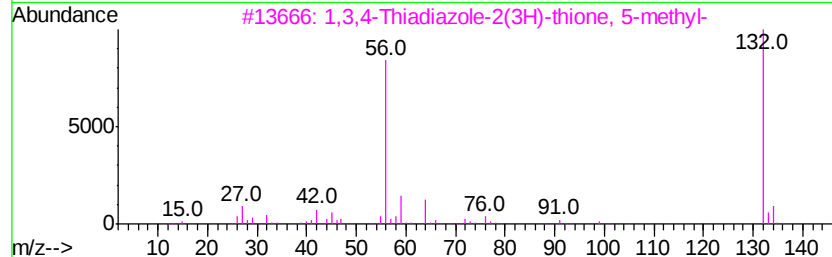
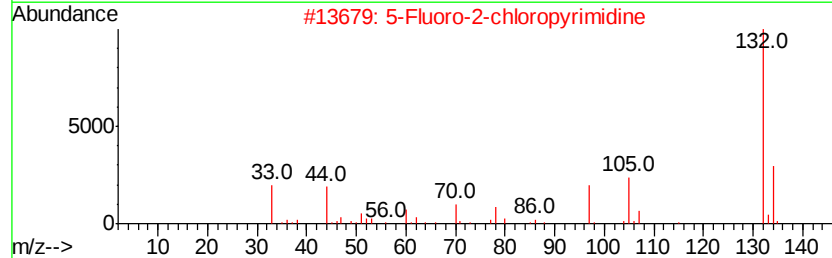
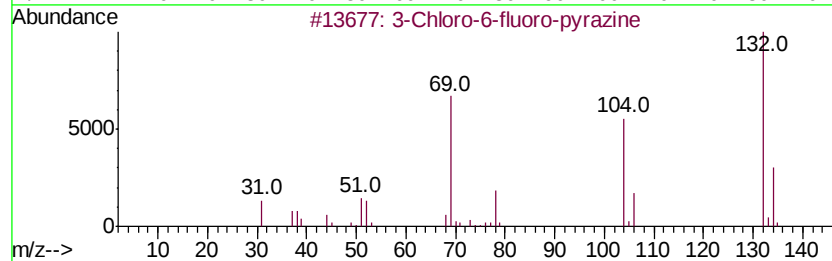
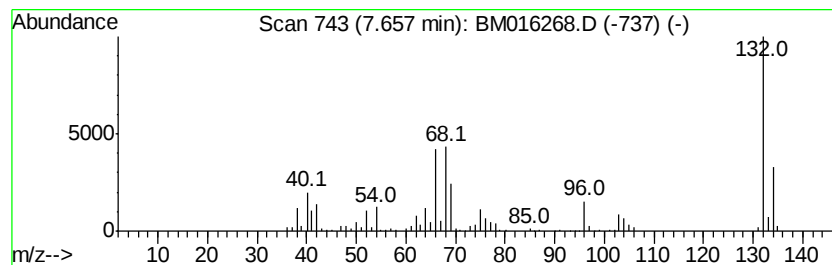
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	58.38 ng	868880	1,4-Dichlorobenzene-d4	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14



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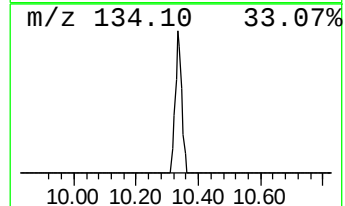
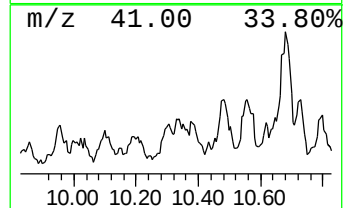
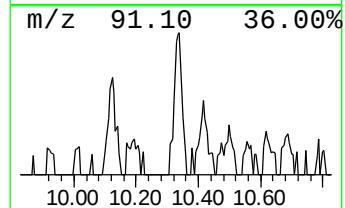
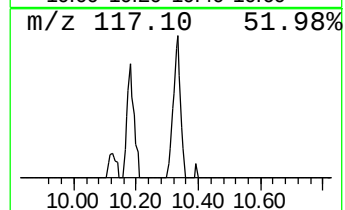
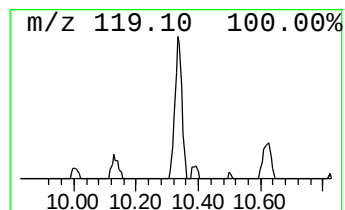
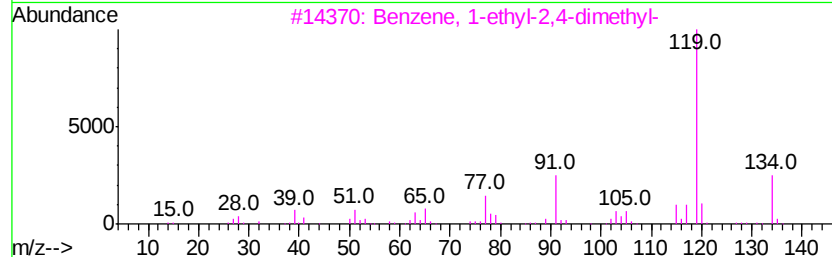
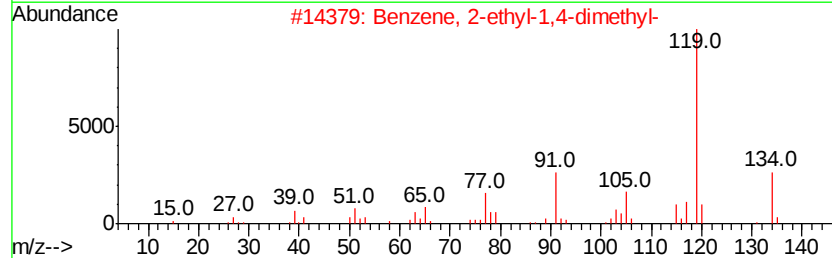
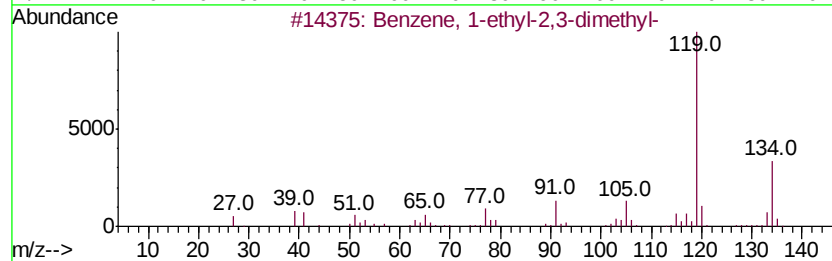
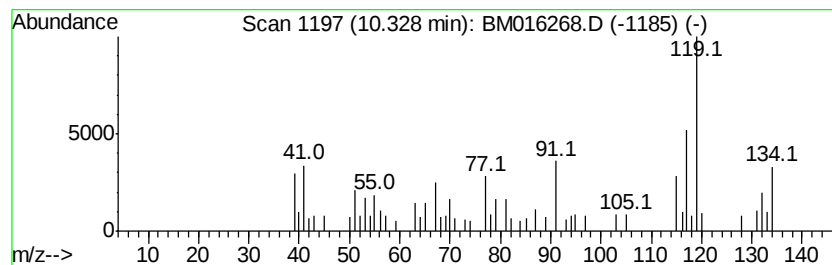
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	6.85 ng	145720	Naphthalene-d8	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	58
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	52



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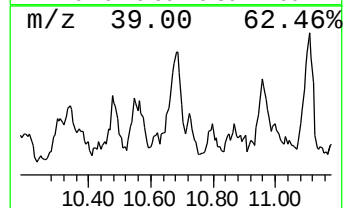
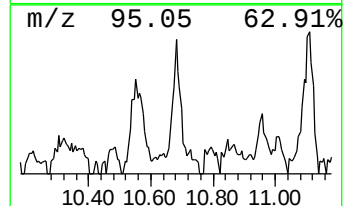
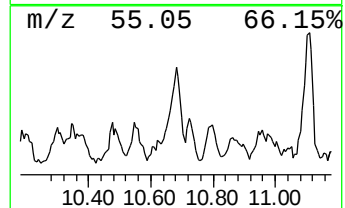
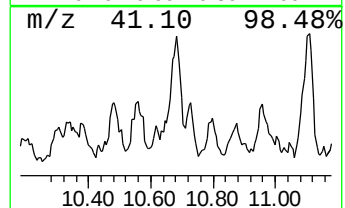
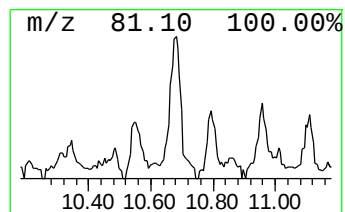
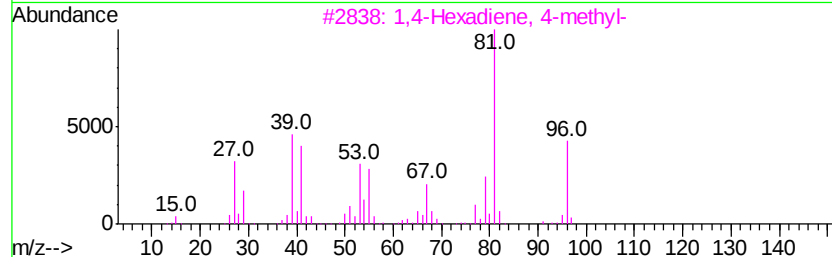
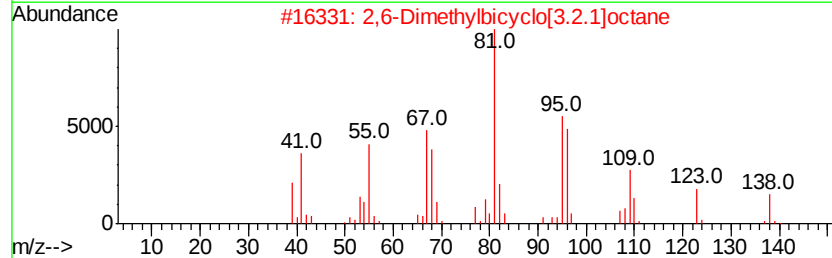
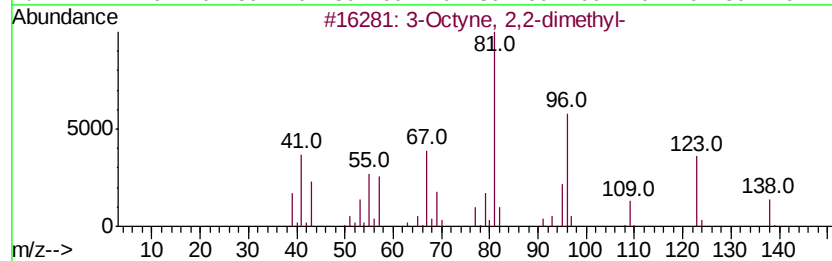
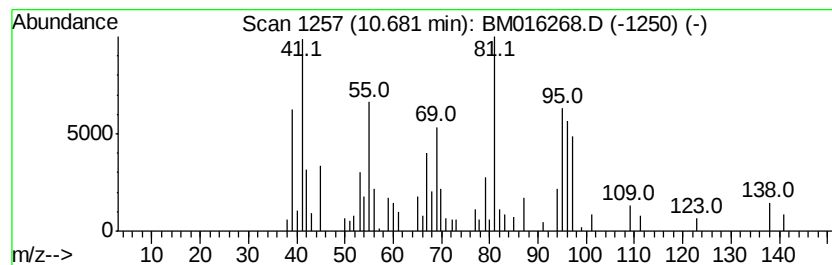
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Octyne, 2,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	7.05 ng	149890	Naphthalene-d8	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	58
2		2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	58
3		1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	55
4		2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	55
5		3,4-Heptadiene	96	C7H12	002454-31-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016268.D
Acq On : 09 Aug 2018 04:03
Operator : SJ/JU
Sample : J4328-07
Misc :
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Instrument :
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ClientSampleId :
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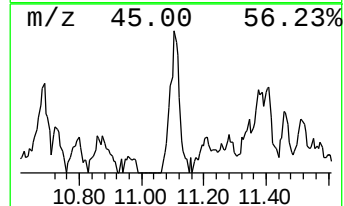
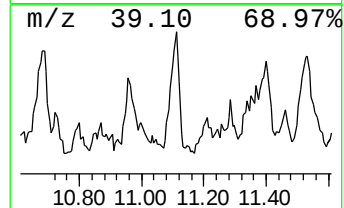
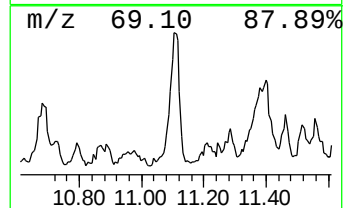
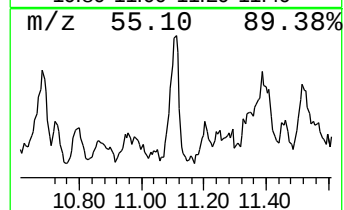
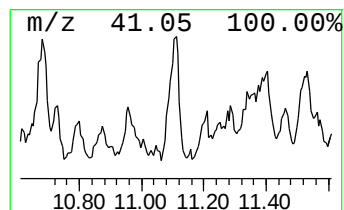
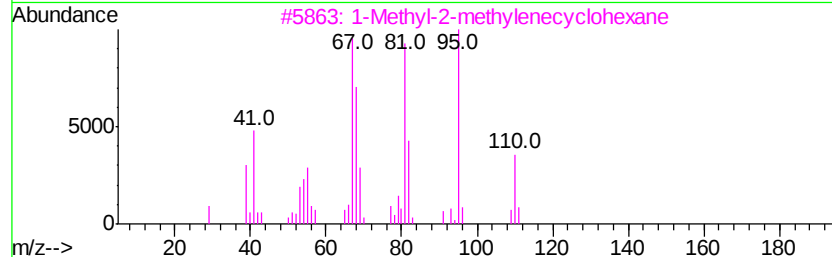
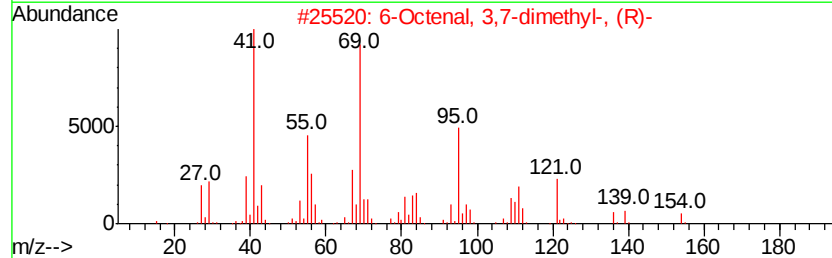
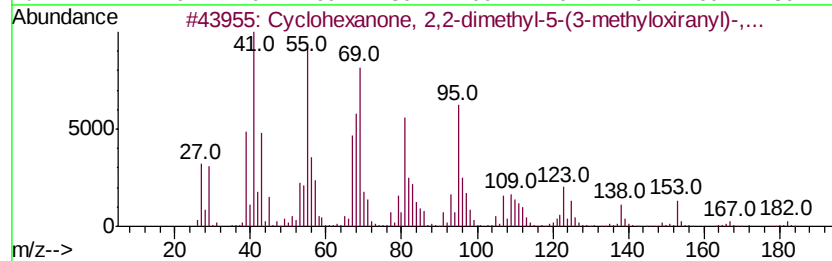
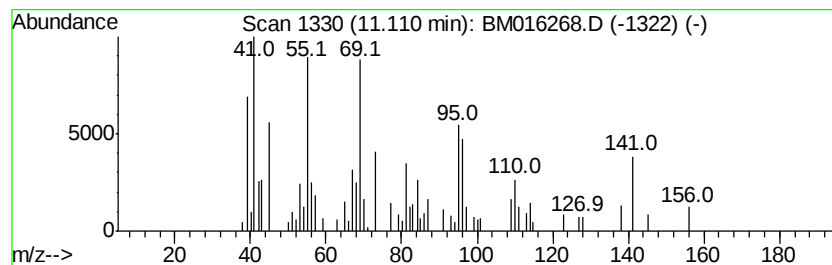
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown11.11 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	7.58 ng	161265	Naphthalene-d8	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 2,2-dimethyl-5-(3...	182	C11H18O2	141033-65-0	35
2		6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	27
3		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	25
4		Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	20
5		2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	18



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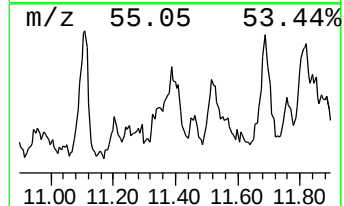
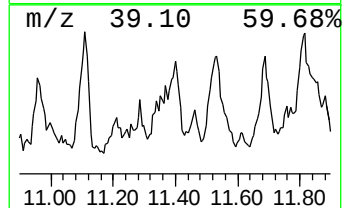
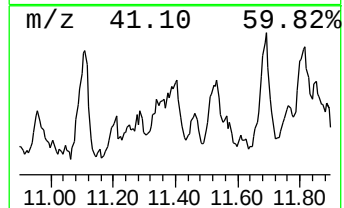
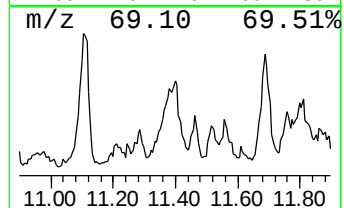
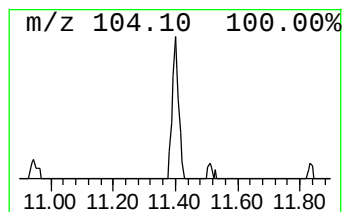
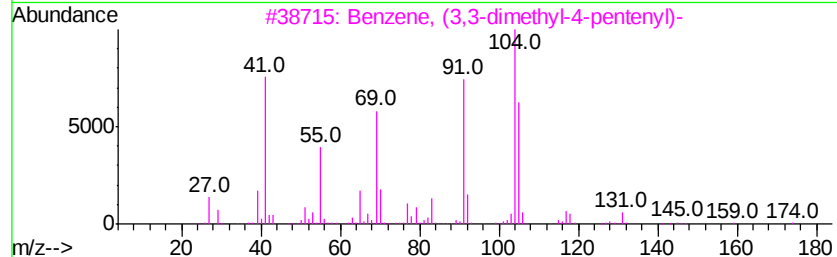
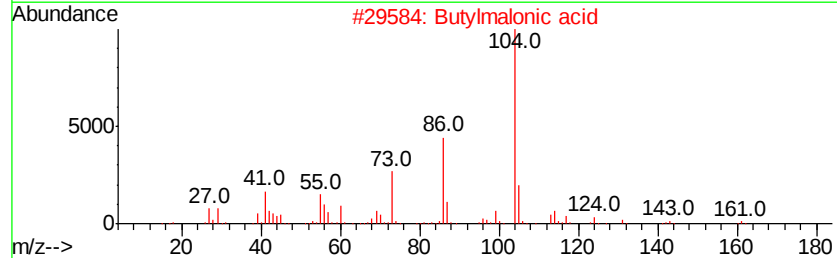
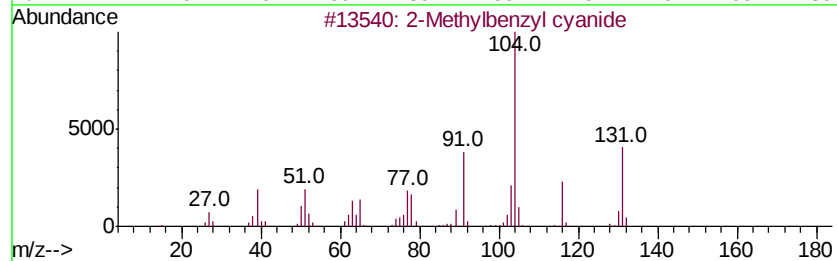
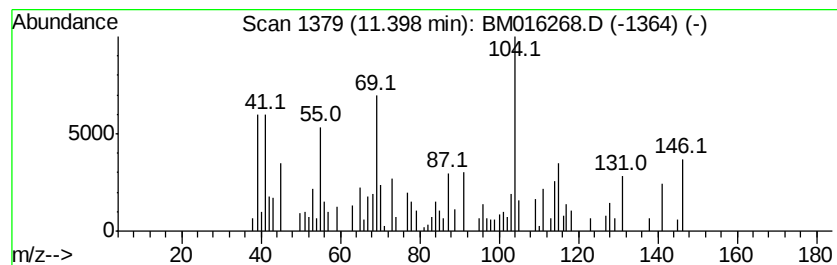
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown11.40 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	11.43 ng	243005	Naphthalene-d8	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	30
2		Butylmalonic acid	160	C7H12O4	000534-59-8	25
3		Benzene, (3,3-dimethyl-4-pentenyl)-	174	C13H18	061142-18-5	16
4		Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	14
5		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016268.D
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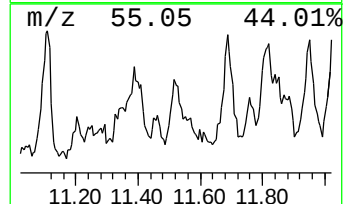
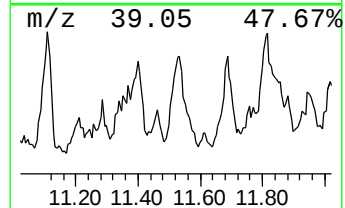
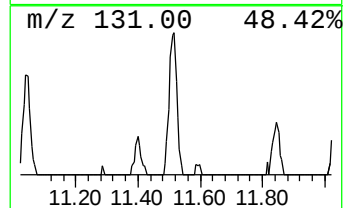
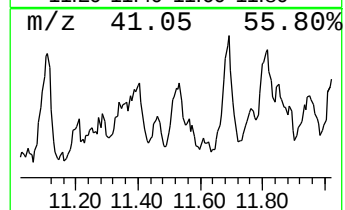
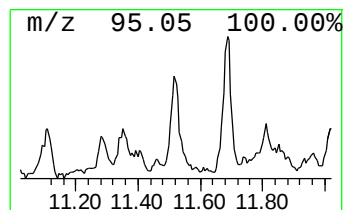
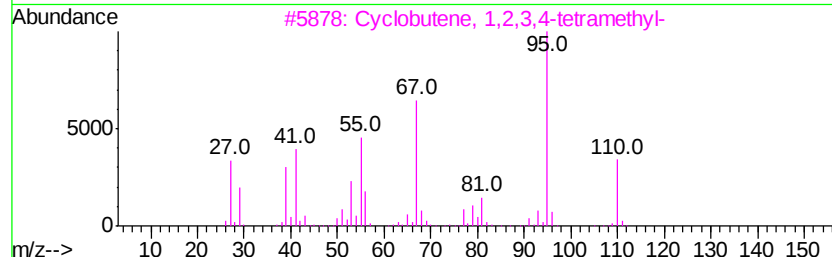
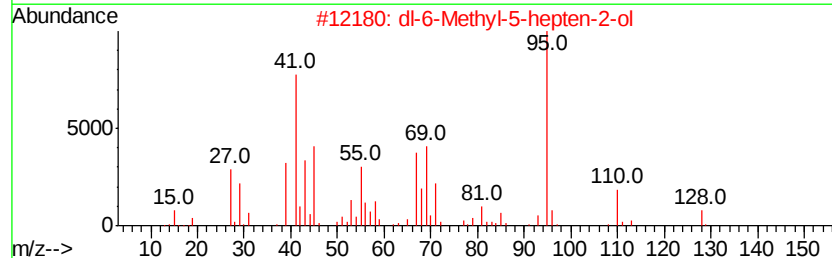
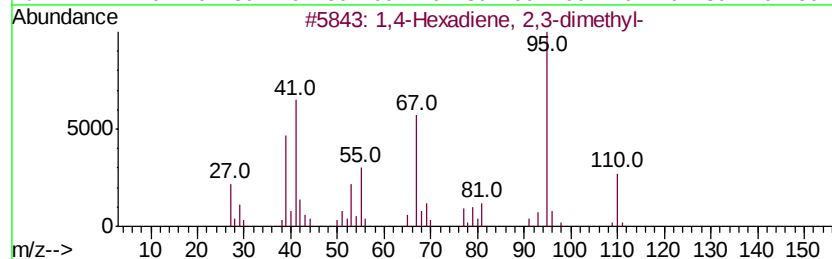
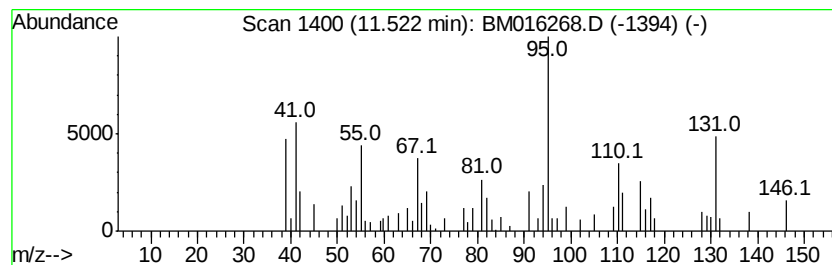
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown11.52 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	8.12 ng	172580	Naphthalene-d8	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	46
2		dl-6-Methyl-5-hepten-2-ol	128	C8H16O	004630-06-2	38
3		Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	38
4		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
5		Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
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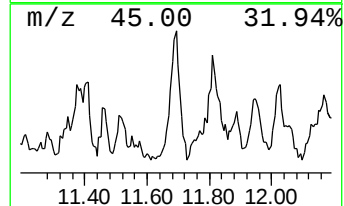
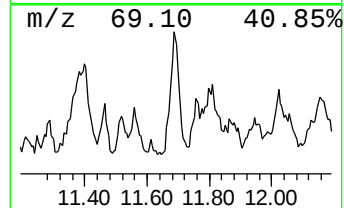
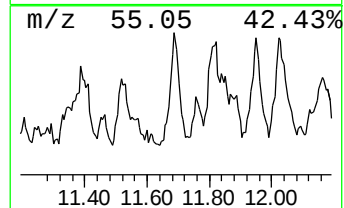
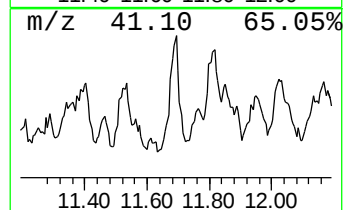
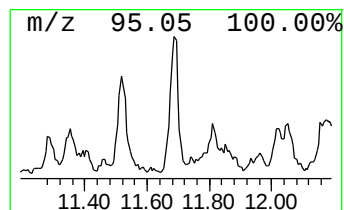
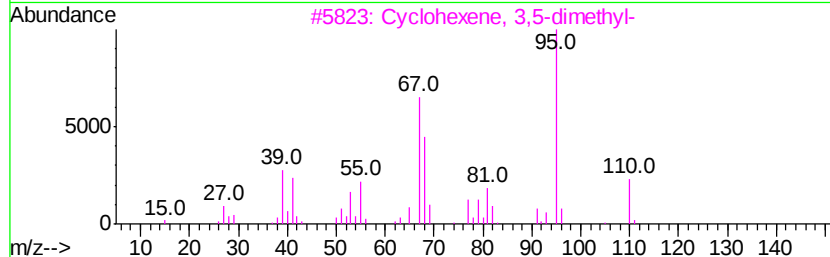
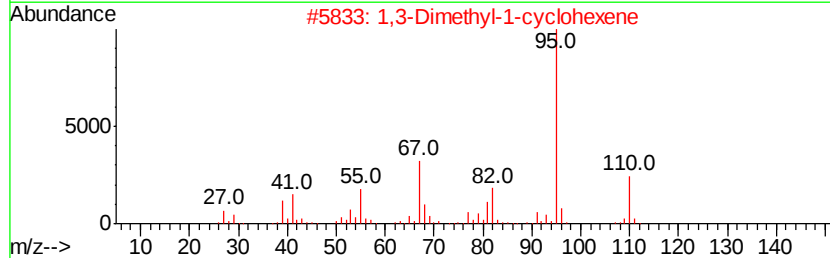
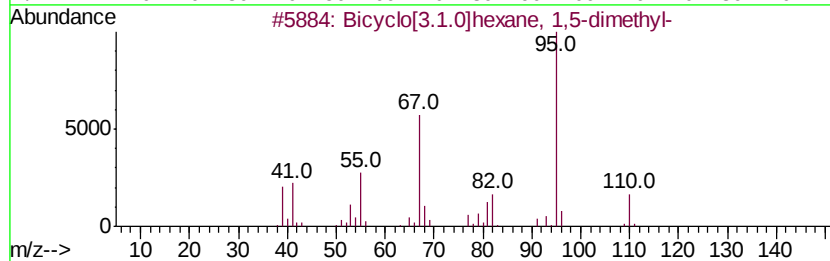
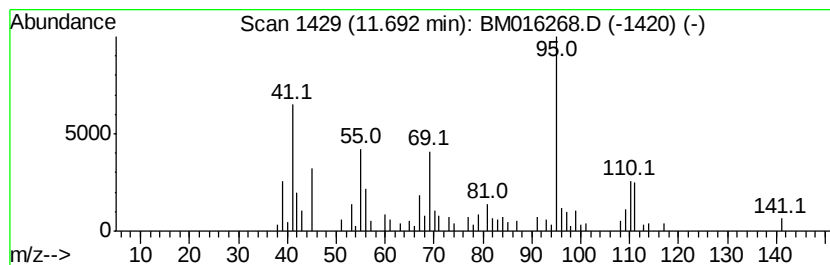
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Bicyclo[3.1.0]hexane, 1,5-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	8.03 ng	170648	Naphthalene-d8	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	52
2		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	50
3		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	50
4		2-Isopropylimidazole	110	C6H10N2	036947-68-9	47
5		1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	46



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Data File : BM016268.D
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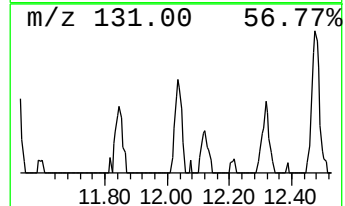
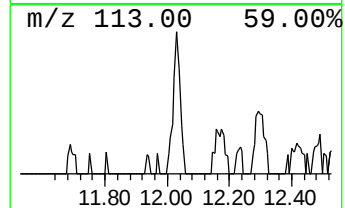
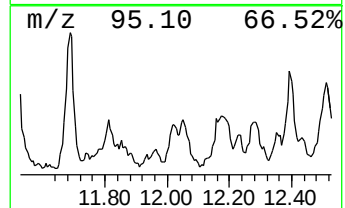
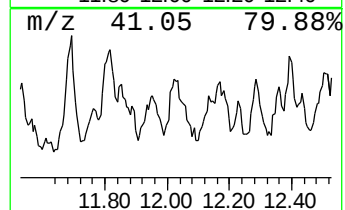
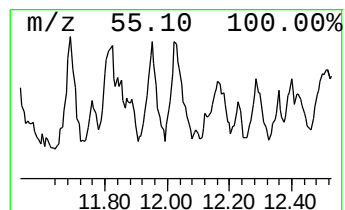
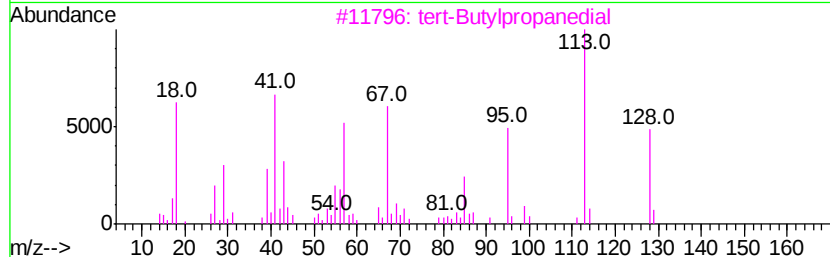
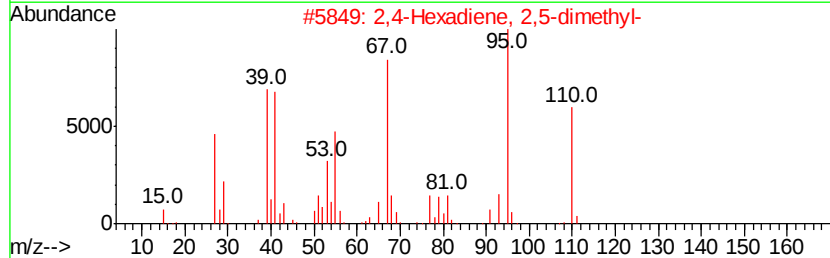
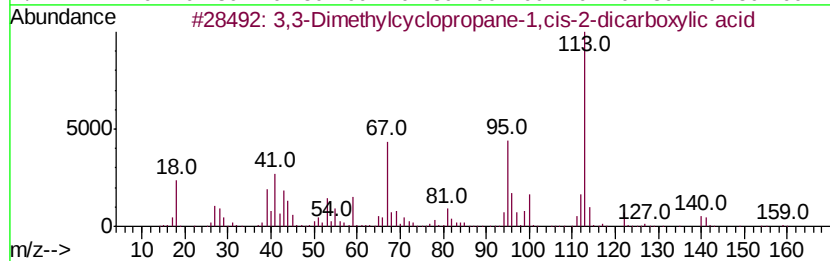
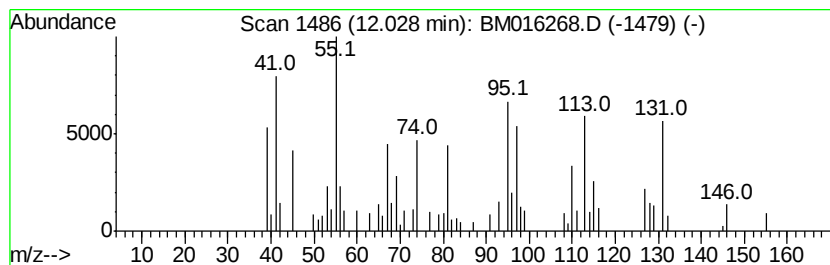
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown12.03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	7.79 ng	165749	Napthalene-d8	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3-Dimethylcyclopropane-1,cis-2...	158	C7H10O4	000936-87-8	38
2		2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	35
3		tert-Butylpropanedial	128	C7H12O2	055740-28-8	27
4		Cyclopropane, tetramethylmethylen-	110	C8H14	054376-39-5	20
5		4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	18



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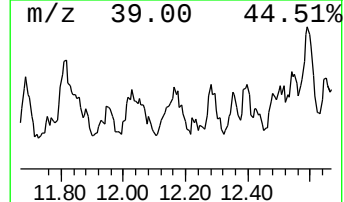
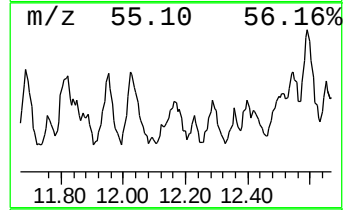
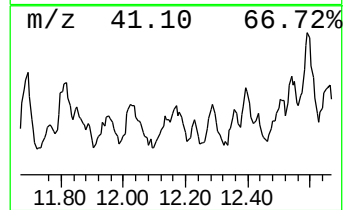
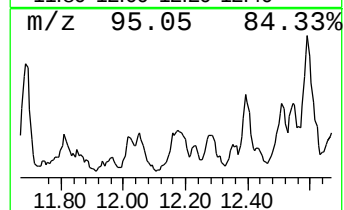
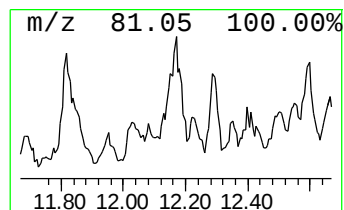
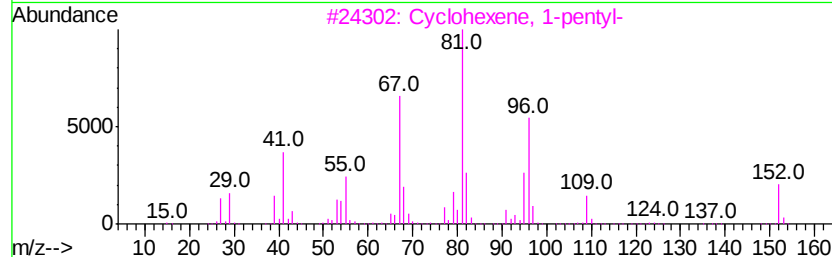
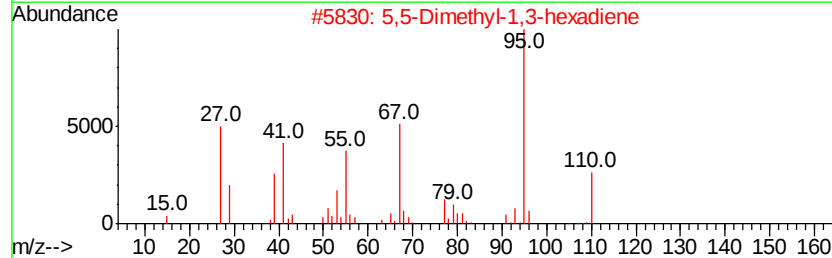
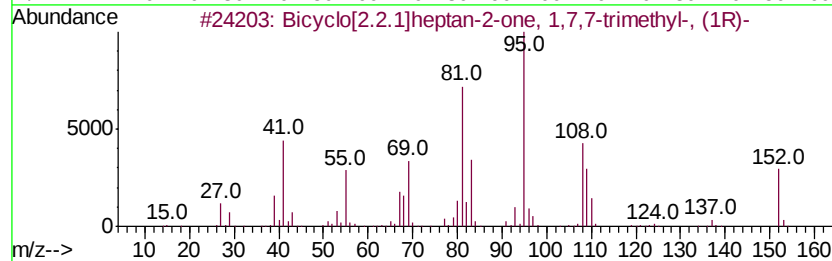
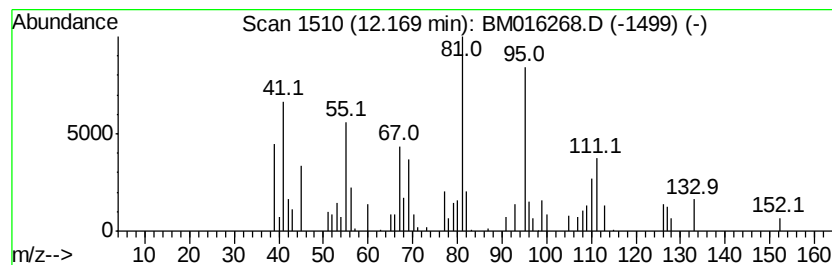
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	6.70 ng	142561	Naphthalene-d8	10.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-49-3 64
2		5,5-Dimethyl-1,3-hexadiene	110 C8H14	001515-79-3 43
3		Cyclohexene, 1-pentyl-	152 C11H20	015232-85-6 43
4		Cyclohexane, ethylidene-	110 C8H14	001003-64-1 43
5		Cyclohexene, 1-ethyl-	110 C8H14	001453-24-3 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
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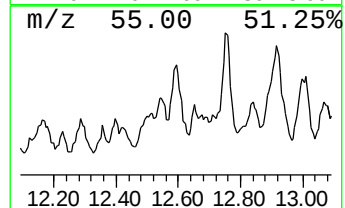
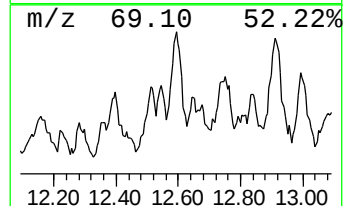
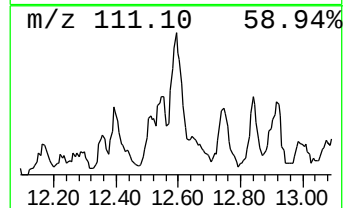
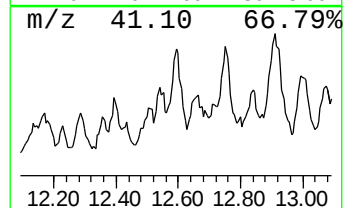
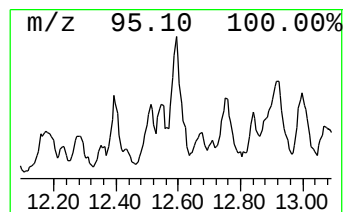
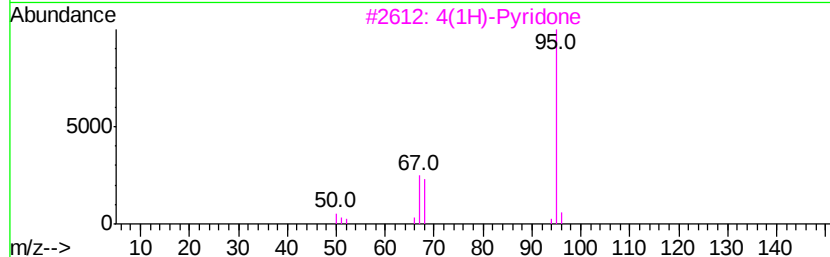
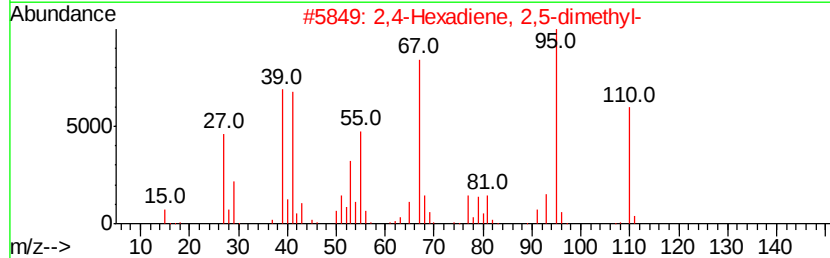
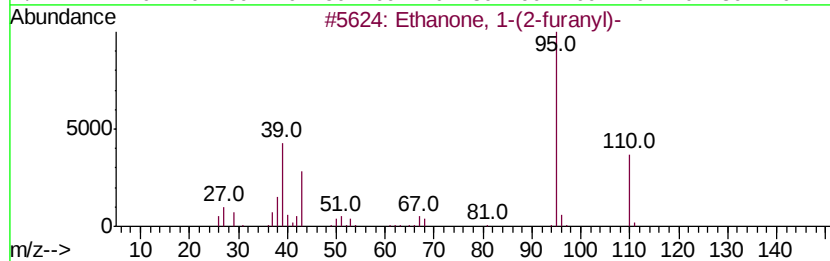
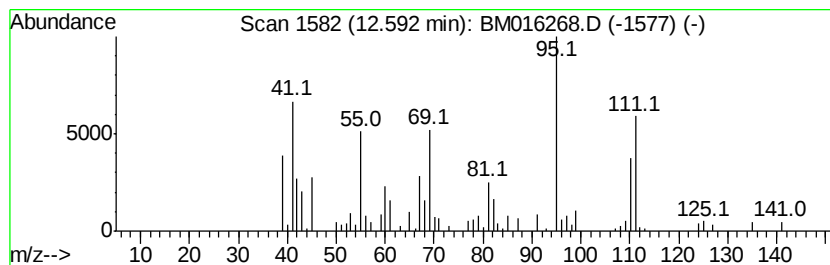
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown12.59 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	9.15 ng	194605	Naphthalene-d8	10.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	46
2			2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	38
3			4(1H)-Pyridone	95	C5H5NO	000108-96-3	38
4			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	30
5			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016268.D
Acq On : 09 Aug 2018 04:03
Operator : SJ/JU
Sample : J4328-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

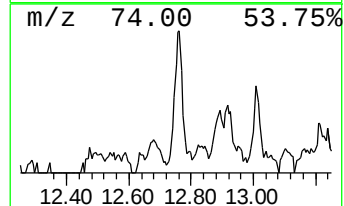
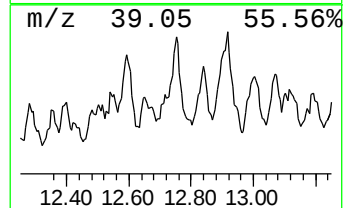
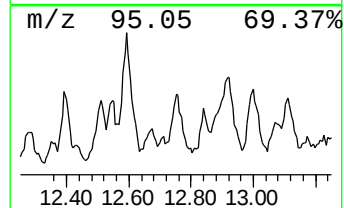
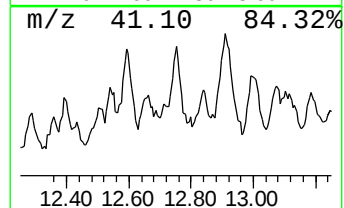
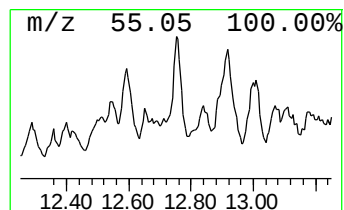
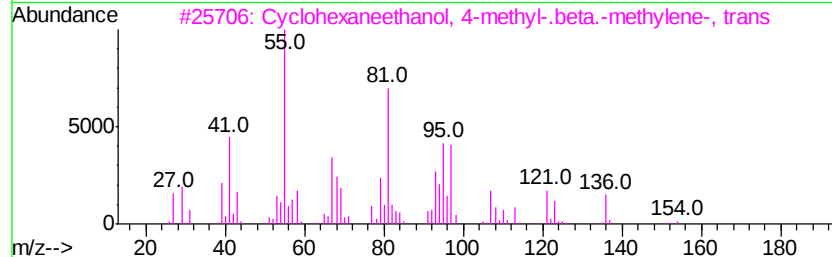
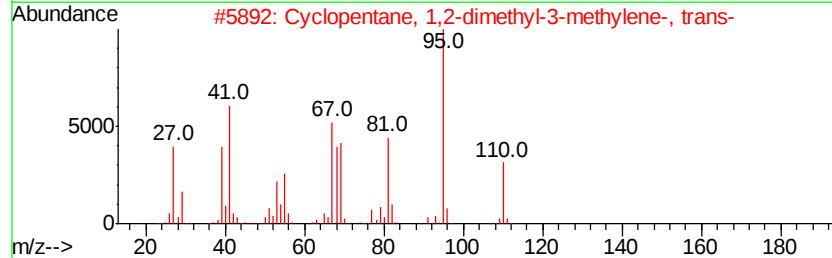
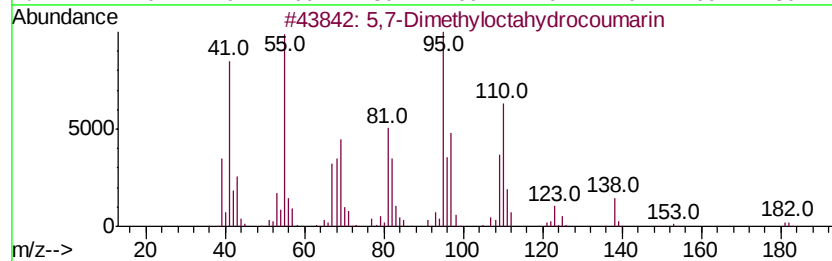
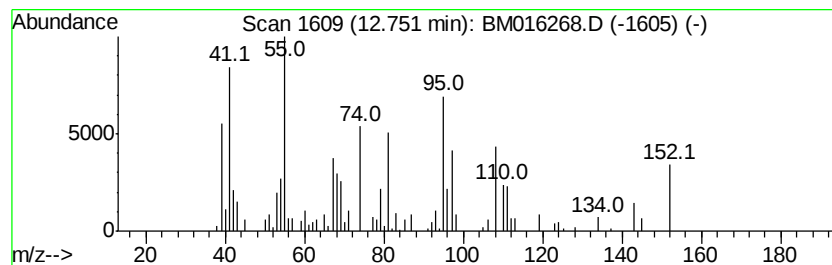
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown12.75 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	7.72 ng	164179	Naphthalene-d8	10.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5,7-Dimethyloctahydrocoumarin	182 C11H18O2	1000109-81-5	27
2	Cyclopentane, 1,2-dimethyl-3-met...	110 C8H14	1000150-99-3	15
3	Cyclohexaneethanol, 4-methyl-.be...	154 C10H18O	015714-12-2	14
4	Spiro[3.5]nonan-1-one, 5-methyl-...	152 C10H16O	065147-56-0	14
5	3-Oxatricyclo[4.2.0.0(2,4)]octan...	124 C7H8O2	1000211-18-1	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
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Sample : J4328-07
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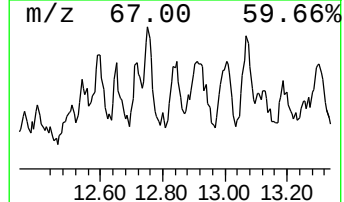
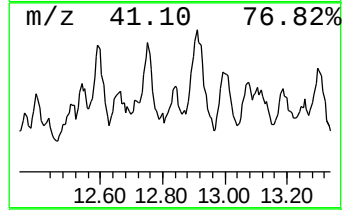
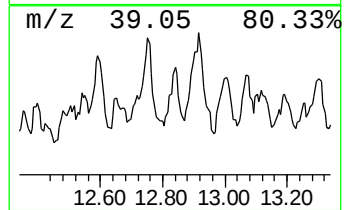
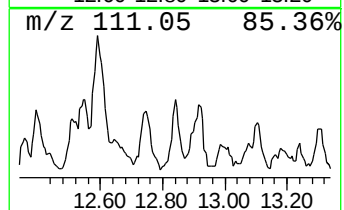
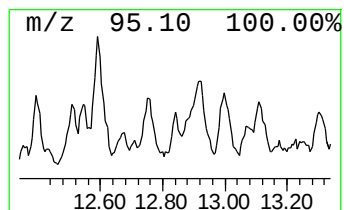
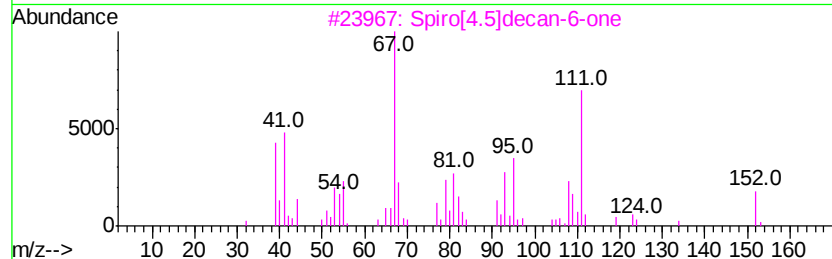
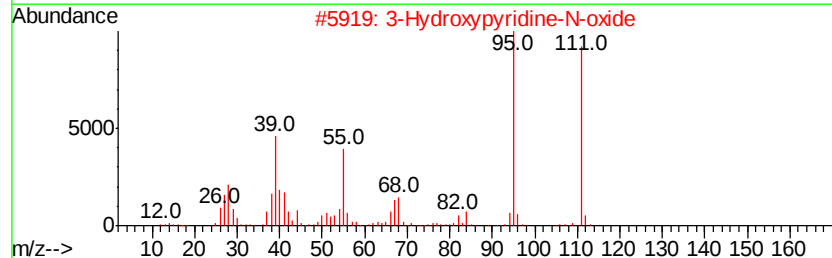
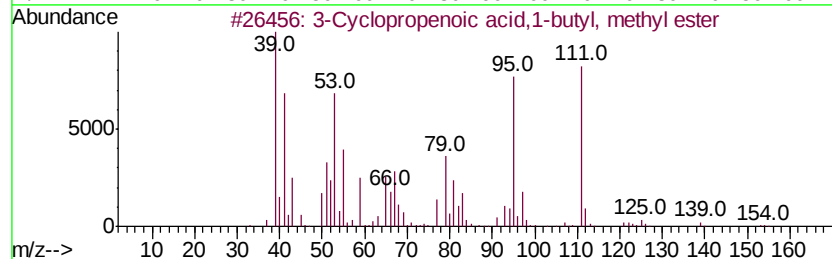
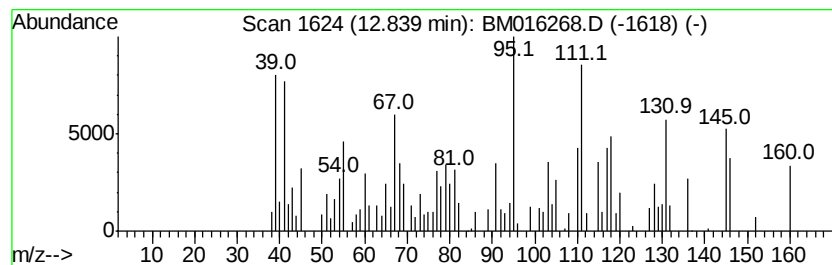
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown12.84 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.84	6.58 ng	139939	Napthalene-d8	10.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclopropenoic acid,1-butyl, m...	154	C9H14O2	067500-40-7	40
2	3-Hydroxypyridine-N-oxide	111	C5H5NO2	006602-28-4	40
3	Spiro[4.5]decan-6-one	152	C10H16O	013388-94-8	38
4	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	38
5	6-Methyl-3-heptyne	110	C8H14	054050-92-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
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Sample : J4328-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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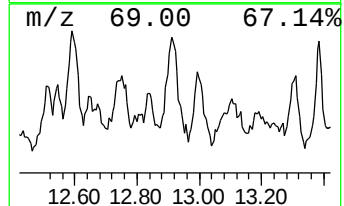
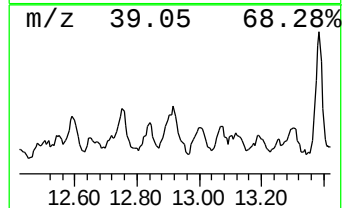
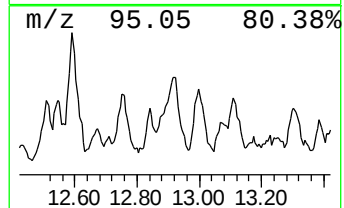
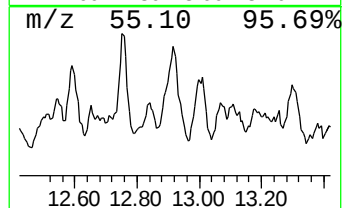
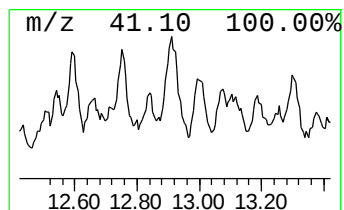
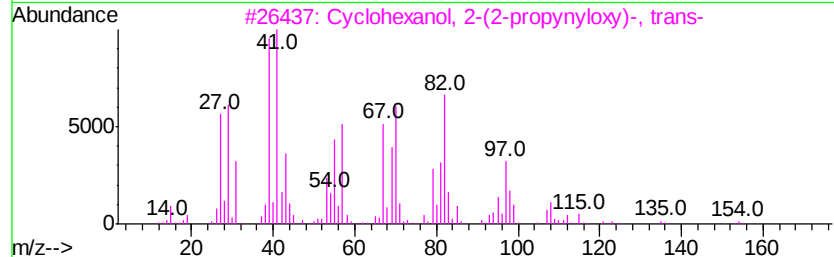
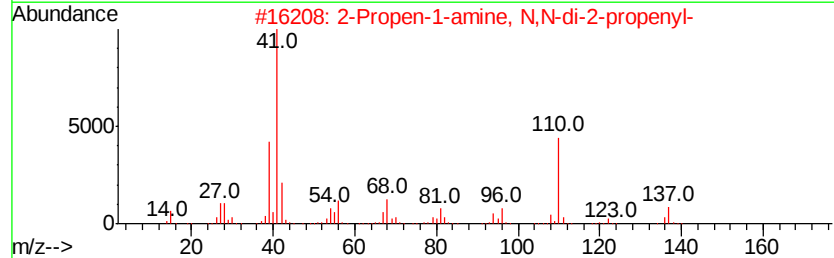
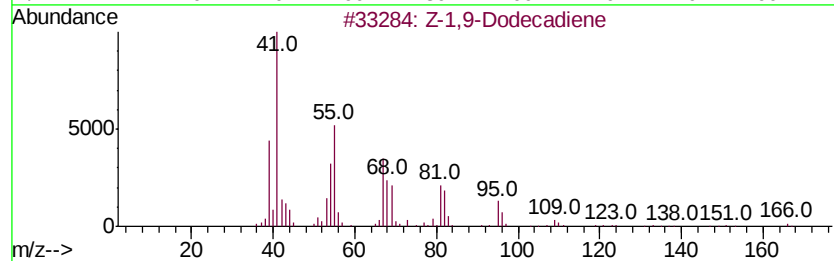
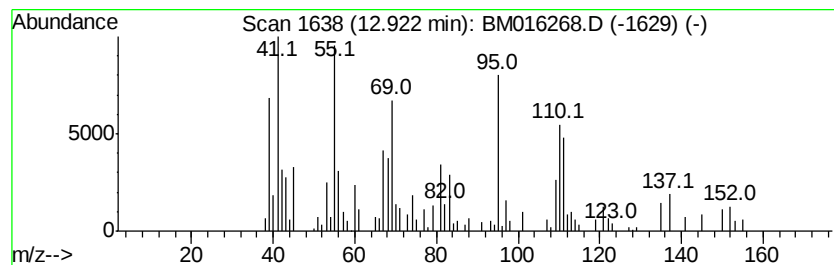
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Z-1,9-Dodecadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	14.79 ng	358546	Acenaphthene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-1,9-Dodecadiene	166	C12H22	1000245-71-0	50
2		2-Propen-1-amine, N,N-di-2-prope...	137	C9H15N	000102-70-5	47
3		Cyclohexanol, 2-(2-propynyloxy)-...	154	C9H14O2	007229-32-5	47
4		Cyclopropanecarboxylic acid, 2-p...	156	C9H16O2	1000278-80-0	43
5		E-1,5,9-Decatriene	136	C10H16	1000245-71-7	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016268.D
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Operator : SJ/JU
Sample : J4328-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

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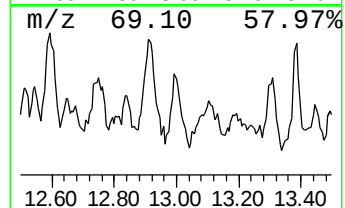
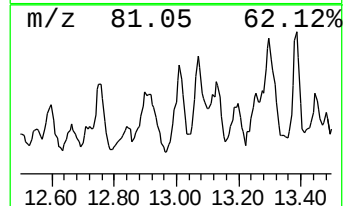
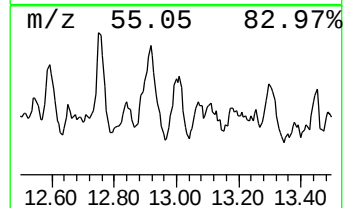
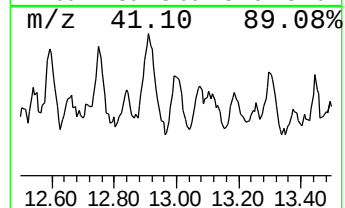
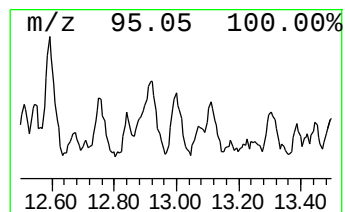
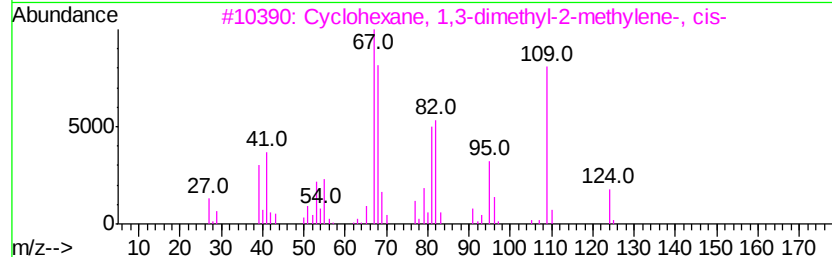
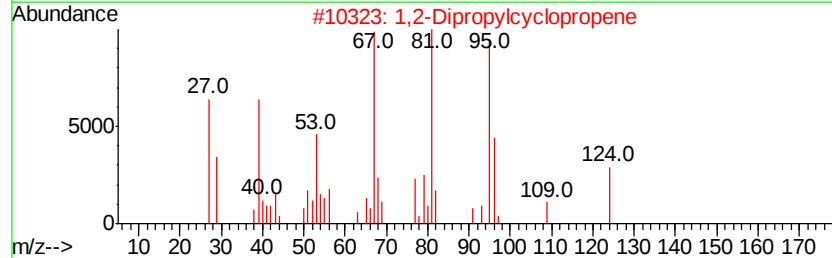
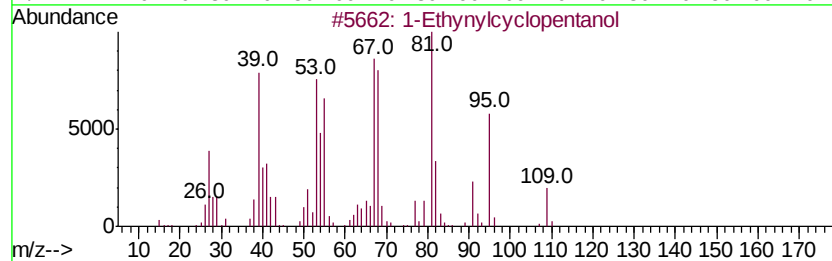
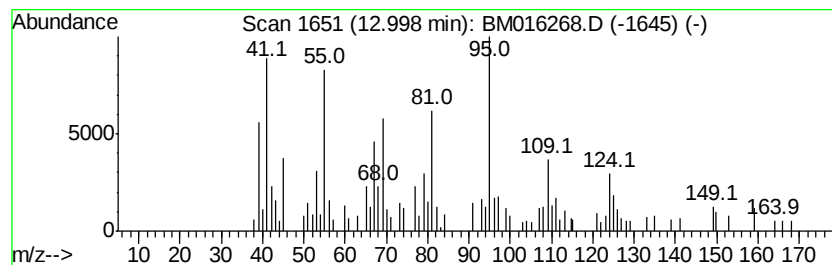
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1-Ethynylcyclopentanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	8.62 ng	209048	Acenaphthene-d10	14.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	64
2			1,2-Dipropylcyclopropene	124	C9H16	010306-92-0	58
3			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	58
4			1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	49
5			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
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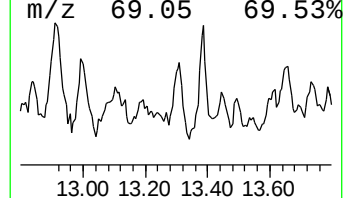
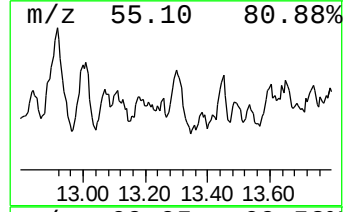
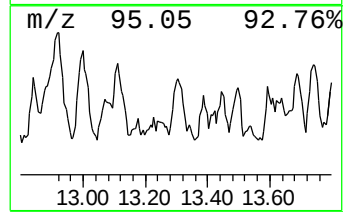
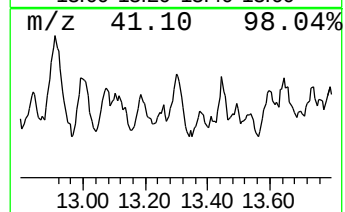
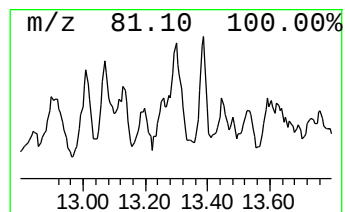
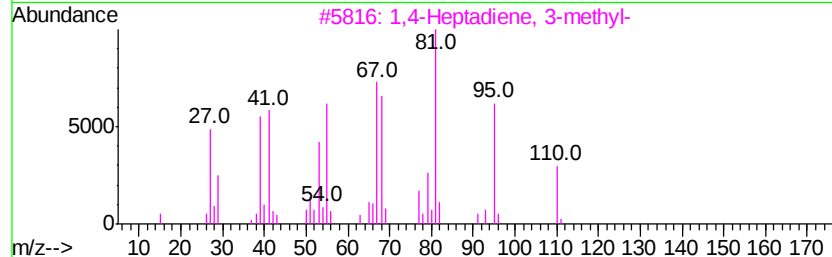
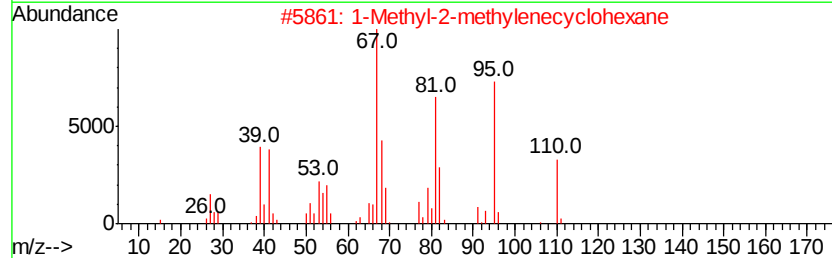
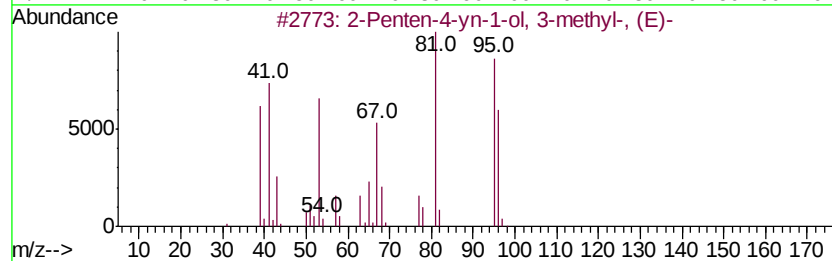
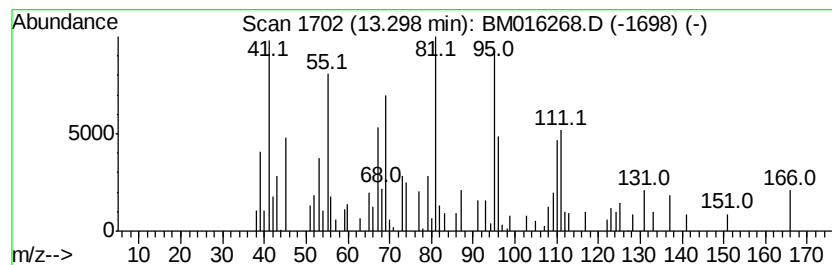
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 2-Penten-4-yn-1-ol, 3-methy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.30	6.90 ng	167388	Acenaphthene-d10	14.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Penten-4-yn-1-ol, 3-methyl-, (E)-	96	C6H8O	006153-06-6	50
2	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	45
3	1,4-Heptadiene, 3-methyl-	110	C8H14	001603-01-6	43
4	1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	43
5	Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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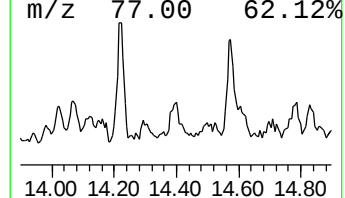
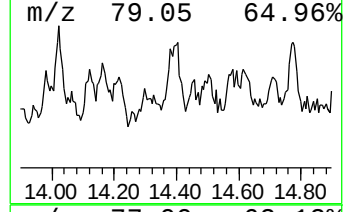
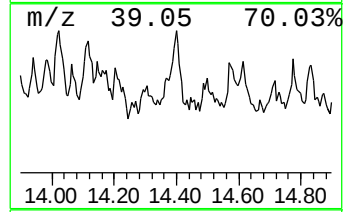
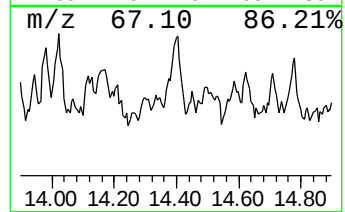
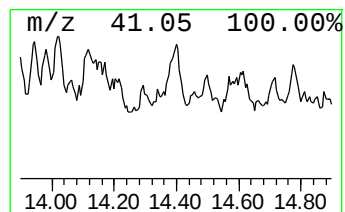
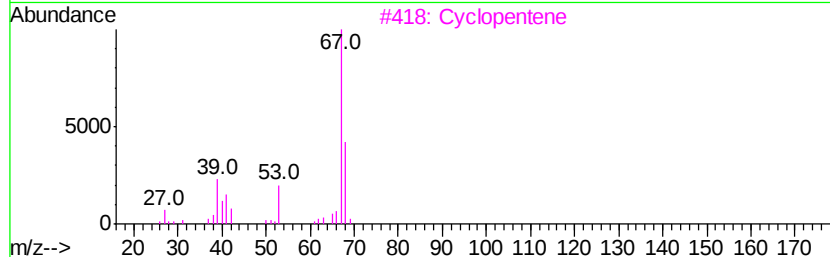
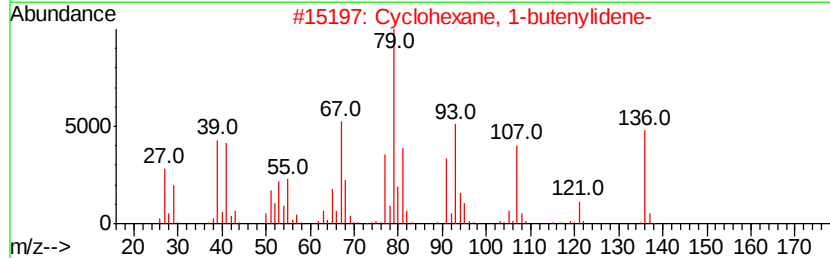
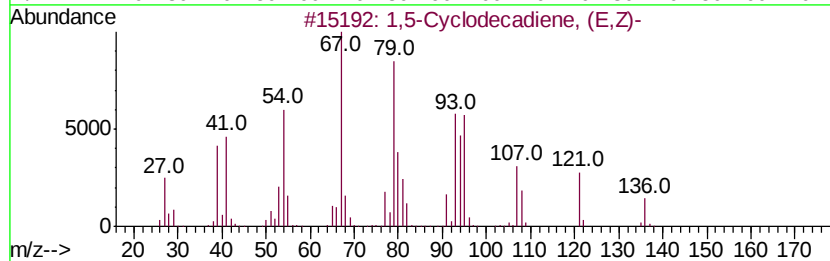
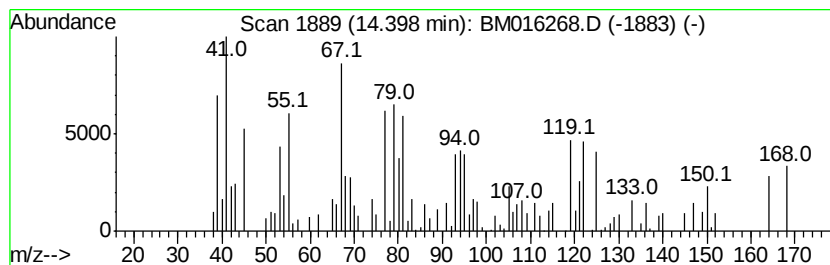
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown14.40 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	6.59 ng	159911	Acenaphthene-d10	14.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	45
2			Cyclohexane, 1-butenylidene-	136	C10H16	036144-40-8	38
3			Cyclopentene	68	C5H8	000142-29-0	35
4			1,6-Cyclodecadiene	136	C10H16	007049-13-0	35
5			2H-Pyran, 5,6-dihydro-2-methyl-	98	C6H10O	055230-25-6	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-15

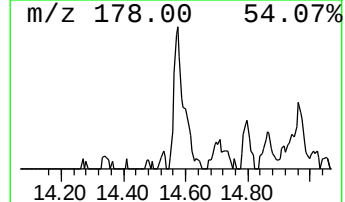
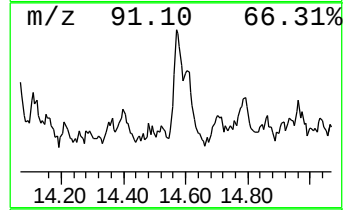
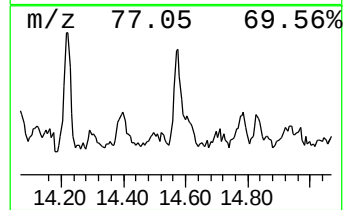
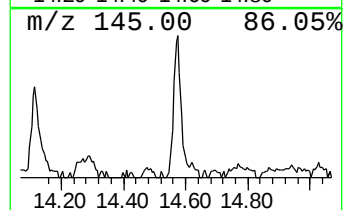
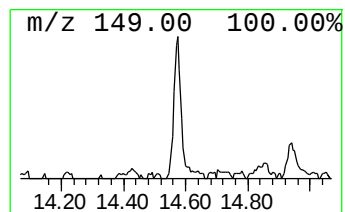
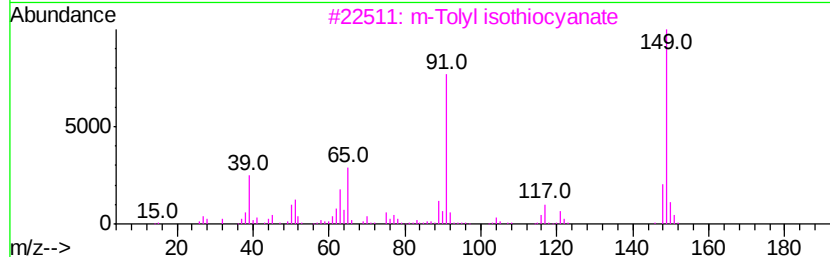
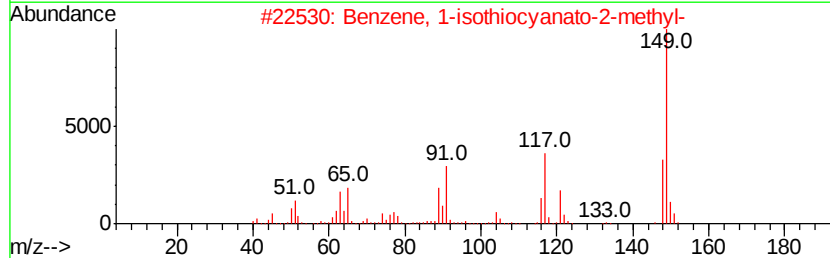
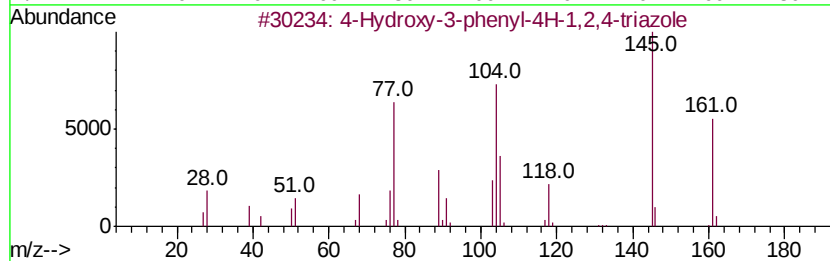
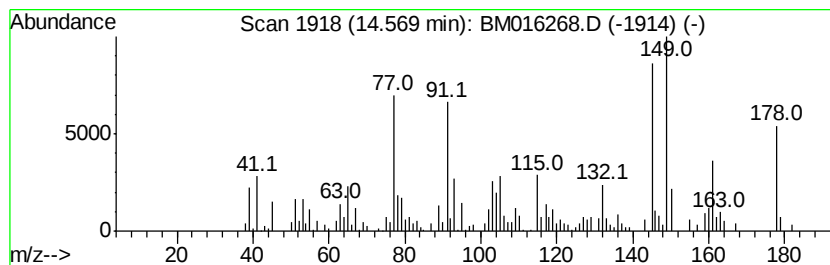
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown14.57 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	9.41 ng	228217	Acenaphthene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Hydroxy-3-phenyl-4H-1,2,4-tria...	161	C8H7N3O	031409-47-9	46
2		Benzene, 1-isothiocyanato-2-methyl-	149	C8H7NS	000614-69-7	25
3		m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	15
4		Benzo(b)thiophene-6-carboxylic acid	178	C9H6O2S	006179-26-6	11
5		Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016268.D
Acq On : 09 Aug 2018 04:03
Operator : SJ/JU
Sample : J4328-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

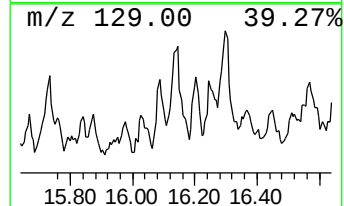
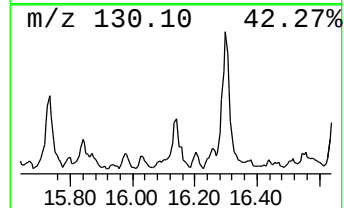
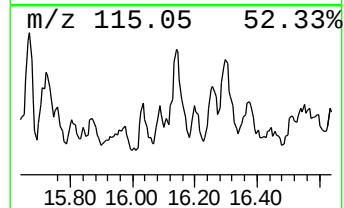
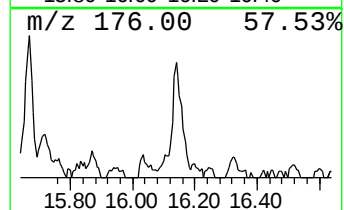
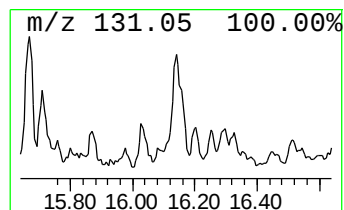
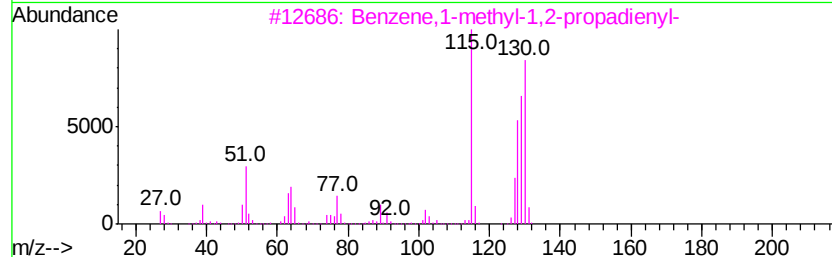
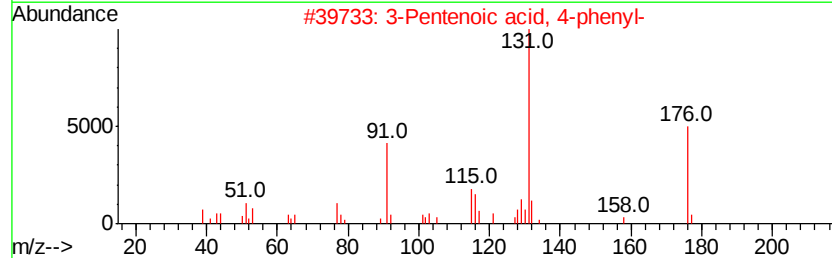
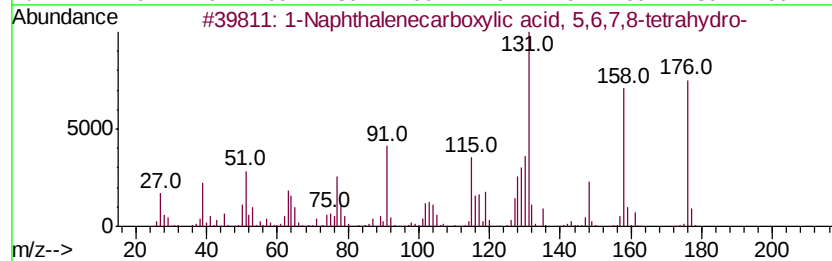
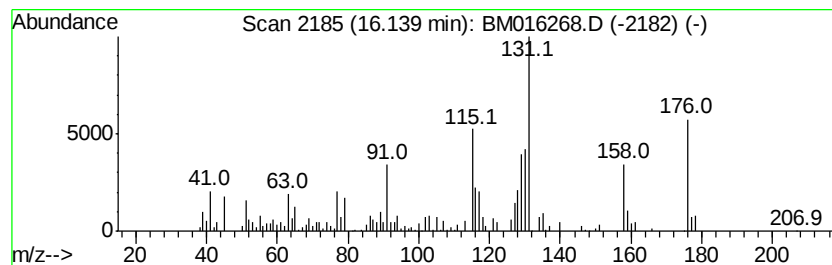
Instrument :
BNA_M
ClientSampleId :
MW-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1-Naphthalenecarboxylic aci... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.14	6.75 ng	154574	Phenanthrene-d10	17.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	87
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	43
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	30
4	Benzene, 1-butylnyl-	130	C10H10	000622-76-4	30
5	1H-2,3-Benzodiazepine, 1-methyl-	158	C10H10N2	029100-32-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016268.D
Acq On : 09 Aug 2018 04:03
Operator : SJ/JU
Sample : J4328-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-15

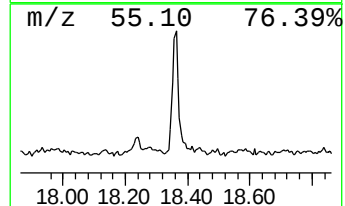
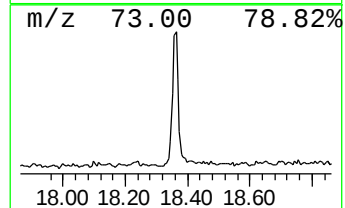
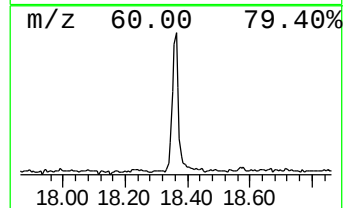
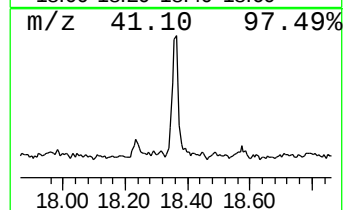
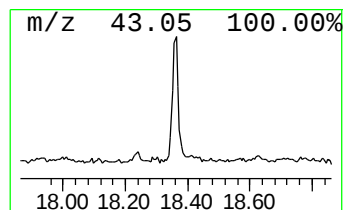
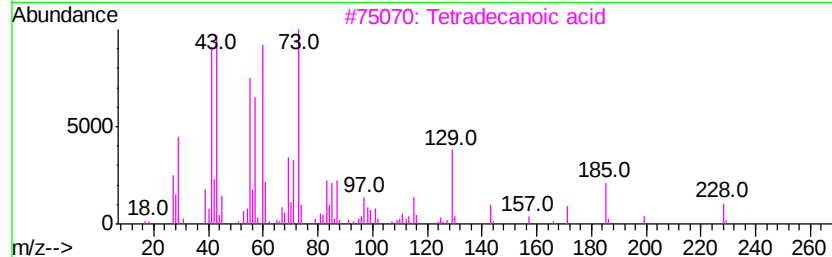
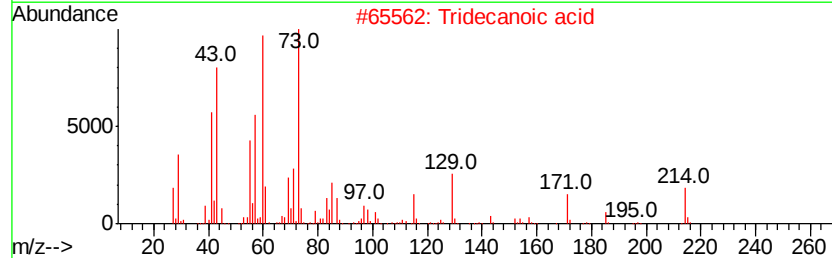
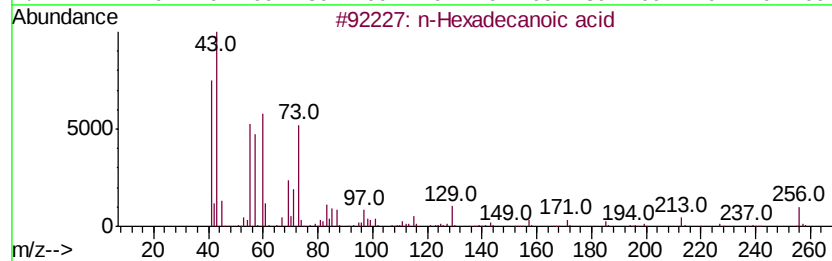
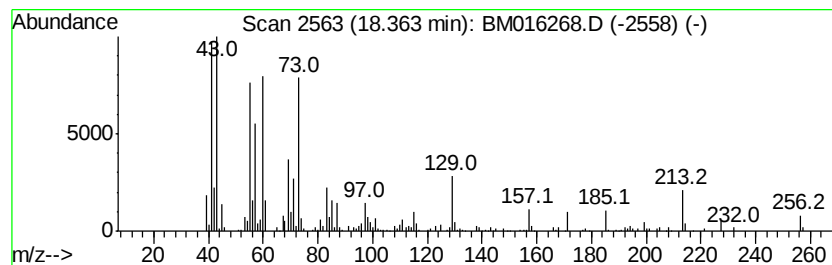
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	11.67 ng	267470	Phenanthrene-d10	17.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	70
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Nonanoic acid	158	C9H18O2	000112-05-0	58
5			Dodecanoic acid	200	C12H24O2	000143-07-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080818\
Data File : BM016268.D
Acq On : 09 Aug 2018 04:03
Operator : SJ/JU
Sample : J4328-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.66	7.66	58.4	ng	868880	1	8.13	297679	20.0
Benzene, 1-ethyl-...	10.33	6.8	ng	145720	2	10.95	425286	20.0
3-Octyne, 2,2-dim...	10.68	7.0	ng	149890	2	10.95	425286	20.0
unknown11.11	11.11	7.6	ng	161265	2	10.95	425286	20.0
unknown11.40	11.40	11.4	ng	243005	2	10.95	425286	20.0
unknown11.52	11.52	8.1	ng	172580	2	10.95	425286	20.0
Bicyclo[3.1.0]hex...	11.69	8.0	ng	170648	2	10.95	425286	20.0
unknown12.03	12.03	7.8	ng	165749	2	10.95	425286	20.0
Bicyclo[2.2.1]hep...	12.17	6.7	ng	142561	2	10.95	425286	20.0
unknown12.59	12.59	9.2	ng	194605	2	10.95	425286	20.0
unknown12.75	12.75	7.7	ng	164179	2	10.95	425286	20.0
unknown12.84	12.84	6.6	ng	139939	2	10.95	425286	20.0
Z-1,9-Dodecadiene	12.92	14.8	ng	358546	3	14.77	484986	20.0
1-Ethynylcyclopen...	13.00	8.6	ng	209048	3	14.77	484986	20.0
2-Penten-4-yn-1-o...	13.30	6.9	ng	167388	3	14.77	484986	20.0
unknown14.40	14.40	6.6	ng	159911	3	14.77	484986	20.0
unknown14.57	14.57	9.4	ng	228217	3	14.77	484986	20.0
1-Naphthalenecarb...	16.14	6.8	ng	154574	4	17.50	458326	20.0
n-Hexadecanoic acid	18.36	11.7	ng	267470	4	17.50	458326	20.0