

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
 Data File : BF096912.D
 Acq On : 20 Jul 2017 18:16
 Operator : SJ/JU
 Sample : I4246-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2-3-COMP

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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	2.957	160	165	175	rVB3	109501	227941	2.75%	0.222%
2	3.152	188	198	210	rBV2	110676	228844	2.76%	0.223%
3	4.193	369	375	382	rVB	548492	703600	8.48%	0.684%
4	4.581	438	441	448	rBV	152642	197479	2.38%	0.192%
5	4.722	460	465	473	rBV2	609779	865636	10.44%	0.842%
6	5.163	535	540	543	rBV	2522890	3681384	44.39%	3.580%
7	5.287	557	561	565	rBV2	314109	323506	3.90%	0.315%
8	5.357	569	573	575	rVV2	232357	273197	3.29%	0.266%
9	5.393	575	579	585	rVV3	341344	421537	5.08%	0.410%
10	5.498	593	597	605	rVV	1585501	1639715	19.77%	1.594%
11	5.840	627	655	656	rBV	1733647	8293766	100.00%	8.064%
12	5.863	657	659	661	rVV	1686519	1242752	14.98%	1.208%
13	6.122	700	703	709	rVV3	207505	308264	3.72%	0.300%
14	6.251	720	725	734	rBV	1081643	1367812	16.49%	1.330%
15	6.357	736	743	749	rBV	1604953	2993046	36.09%	2.910%
16	6.569	775	779	783	rBV	690647	600796	7.24%	0.584%
17	6.622	783	788	790	rBV3	472443	542712	6.54%	0.528%
18	6.645	790	792	797	rVB2	235319	246859	2.98%	0.240%
19	6.728	802	806	809	rBV	1879890	1790840	21.59%	1.741%
20	6.981	844	849	851	rBV	513714	653522	7.88%	0.635%
21	6.998	851	852	855	rVV	452542	272985	3.29%	0.265%
22	7.063	857	863	866	rVB2	596364	690446	8.32%	0.671%
23	7.140	870	876	878	rBV2	1545200	2024803	24.41%	1.969%
24	7.204	884	887	889	rBV3	172991	223620	2.70%	0.217%
25	7.416	918	923	928	rVB4	136927	220248	2.66%	0.214%
26	7.475	928	933	935	rBV3	248605	345957	4.17%	0.336%
27	7.516	935	940	941	rVV3	431984	638285	7.70%	0.621%
28	7.534	941	943	946	rVB2	522175	410594	4.95%	0.399%
29	7.587	946	952	956	rBV5	405859	746591	9.00%	0.726%
30	7.639	957	961	965	rVB3	626654	813130	9.80%	0.791%
31	7.734	974	977	979	rVB2	285376	231097	2.79%	0.225%
32	7.781	979	985	989	rBV	1389894	1338182	16.13%	1.301%
33	7.851	995	997	1000	rVB	623574	518827	6.26%	0.504%
34	7.916	1003	1008	1011	rBV2	844720	1022592	12.33%	0.994%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.969	1011	1017	1019	rVV	994038	1981781	23.89%	1.927%
36	8.028	1019	1027	1031	rVV2	2629524	7484510	90.24%	7.277%
37	8.081	1034	1036	1037	rVB	2373331	1613079	19.45%	1.568%
38	8.116	1037	1042	1044	rBV3	383725	488031	5.88%	0.475%
39	8.181	1050	1053	1054	rBV	438472	383993	4.63%	0.373%
40	8.216	1054	1059	1062	rVB	2458490	3143299	37.90%	3.056%
41	8.257	1063	1066	1068	rBV	362364	251594	3.03%	0.245%
42	8.375	1083	1086	1088	rVV	271191	294745	3.55%	0.287%
43	8.404	1088	1091	1095	rVB	1171641	1190079	14.35%	1.157%
44	8.463	1095	1101	1104	rBV	1853720	1997136	24.08%	1.942%
45	8.516	1104	1110	1113	rVB2	1089154	1144433	13.80%	1.113%
46	8.598	1114	1124	1129	rBV4	597936	1169613	14.10%	1.137%
47	8.645	1129	1132	1134	rVB2	243785	202042	2.44%	0.196%
48	8.739	1144	1148	1150	rBV	255203	305092	3.68%	0.297%
49	8.769	1150	1153	1156	rVV2	308880	482271	5.81%	0.469%
50	8.798	1156	1158	1159	rVV	255775	236495	2.85%	0.230%
51	8.828	1160	1163	1164	rVV2	538298	538355	6.49%	0.523%
52	8.863	1164	1169	1171	rVV	1745951	1893084	22.83%	1.841%
53	8.939	1174	1182	1184	rVV	2600307	2994452	36.10%	2.912%
54	9.016	1184	1195	1197	rVV2	3116228	6556125	79.05%	6.375%
55	9.045	1198	1200	1204	rVV2	264439	354521	4.27%	0.345%
56	9.086	1204	1207	1208	rVV	672931	639108	7.71%	0.621%
57	9.110	1208	1211	1217	rVV3	1606942	2384807	28.75%	2.319%
58	9.163	1217	1220	1225	rVV2	482990	648556	7.82%	0.631%
59	9.239	1225	1233	1237	rVB3	924261	1415981	17.07%	1.377%
60	9.363	1249	1254	1256	rBV	706533	955009	11.51%	0.929%
61	9.386	1256	1258	1264	rVB2	375742	349007	4.21%	0.339%
62	9.492	1271	1276	1281	rBV2	462899	774892	9.34%	0.753%
63	9.551	1281	1286	1292	rBV2	1892009	2463929	29.71%	2.396%
64	9.604	1292	1295	1299	rVB	874427	804325	9.70%	0.782%
65	9.663	1301	1305	1308	rVB	243229	285071	3.44%	0.277%
66	9.757	1318	1321	1324	rVV	472364	496211	5.98%	0.482%
67	9.786	1324	1326	1329	rVV2	467158	425064	5.13%	0.413%
68	9.822	1329	1332	1336	rVV	662784	641706	7.74%	0.624%
69	9.875	1336	1341	1345	rVB2	554148	665221	8.02%	0.647%
70	9.922	1345	1349	1353	rBV2	190894	270262	3.26%	0.263%
71	10.033	1361	1368	1375	rBV4	924836	1926638	23.23%	1.873%

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72	10.086	1375	1377	1384	rVB5	187133	343158	4.14%	0.334%
73	10.145	1384	1387	1394	rBV5	443771	542195	6.54%	0.527%
74	10.316	1413	1416	1422	rVB4	137413	233722	2.82%	0.227%
75	10.398	1426	1430	1432	rBV	1241059	1273906	15.36%	1.239%
76	10.422	1432	1434	1439	rVB	470578	452062	5.45%	0.440%
77	10.498	1444	1447	1451	rVB2	250736	282529	3.41%	0.275%
78	10.539	1451	1454	1457	rBV2	360031	349960	4.22%	0.340%
79	10.598	1459	1464	1466	rVB2	246046	348845	4.21%	0.339%
80	10.639	1466	1471	1474	rBV3	498408	656826	7.92%	0.639%
81	10.680	1474	1478	1481	rVB	1564107	1465475	17.67%	1.425%
82	10.745	1485	1489	1491	rBV3	384421	606532	7.31%	0.590%
83	10.875	1509	1511	1514	rVB	250695	205792	2.48%	0.200%
84	10.986	1524	1530	1538	rBV6	662893	1480119	17.85%	1.439%
85	11.080	1543	1546	1549	rVB	732961	602502	7.26%	0.586%
86	11.392	1593	1599	1601	rBV2	331725	557963	6.73%	0.543%
87	11.422	1601	1604	1605	rVV	212499	201773	2.43%	0.196%
88	11.439	1605	1607	1612	rVB3	207439	230671	2.78%	0.224%
89	11.598	1630	1634	1636	rBV	556456	535451	6.46%	0.521%
90	11.645	1639	1642	1644	rVV2	405075	389043	4.69%	0.378%
91	11.698	1648	1651	1656	rVB	898979	878706	10.59%	0.854%
92	11.769	1659	1663	1666	rVB2	552206	588156	7.09%	0.572%
93	11.922	1686	1689	1696	rVV6	141600	238957	2.88%	0.232%
94	12.369	1762	1765	1768	rBV	340913	305559	3.68%	0.297%
95	12.422	1771	1774	1784	rVB2	485933	590981	7.13%	0.575%
96	12.669	1811	1816	1819	rVB	1589391	1690213	20.38%	1.643%
97	13.127	1891	1894	1900	rVB2	226377	281919	3.40%	0.274%
98	13.286	1918	1921	1925	rVB	681990	636538	7.67%	0.619%
99	13.704	1989	1992	1996	rVB	495871	454566	5.48%	0.442%
100	15.074	2221	2225	2230	rVB	416760	470109	5.67%	0.457%

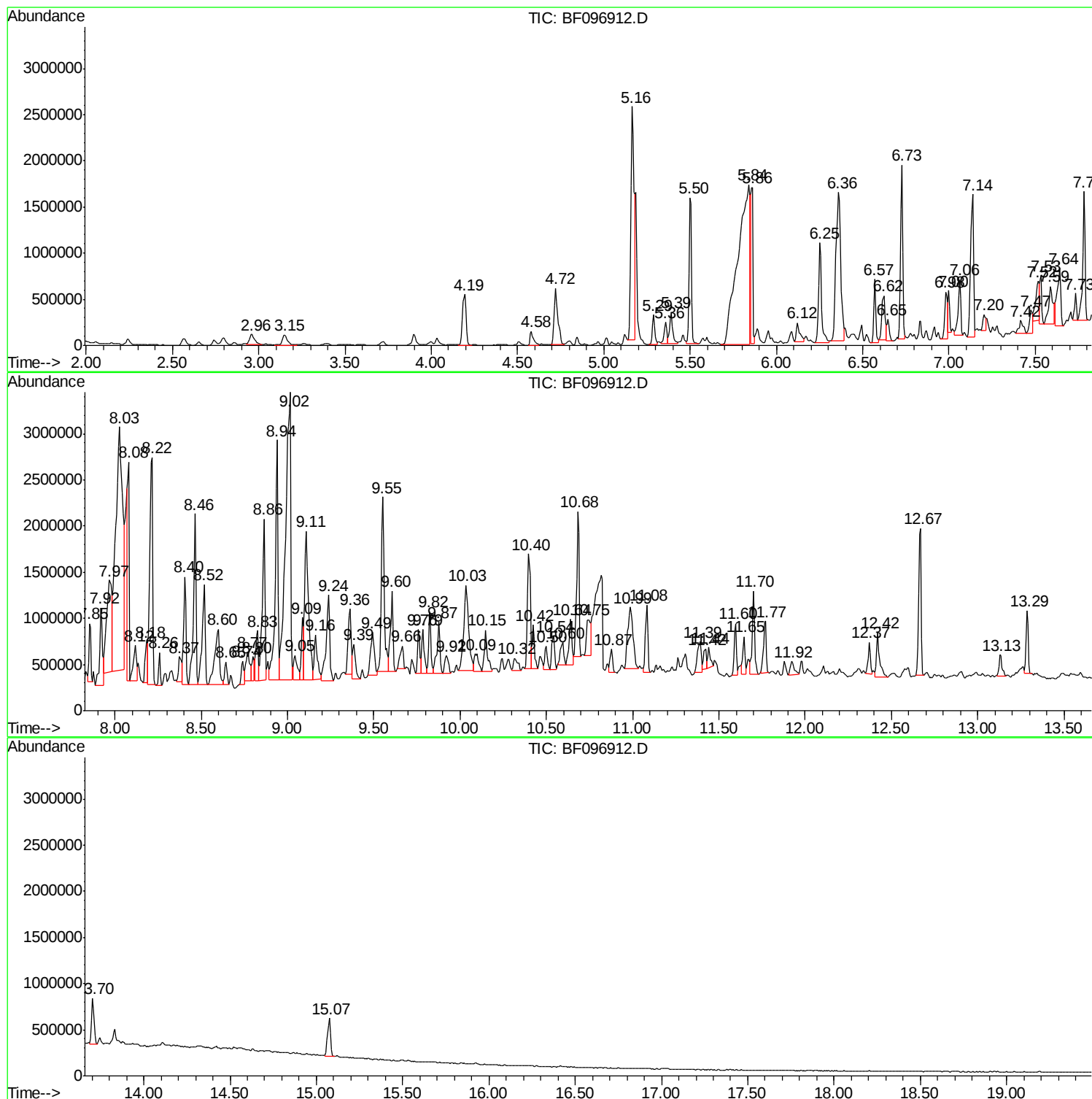
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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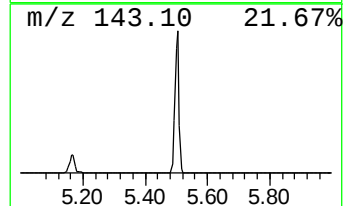
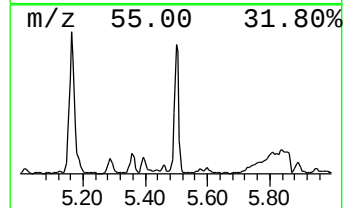
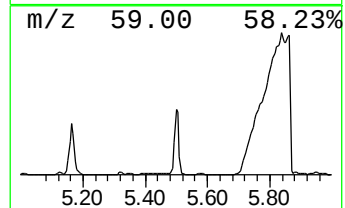
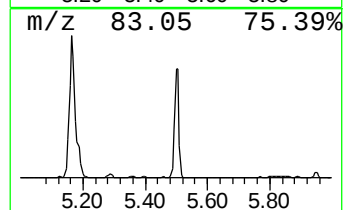
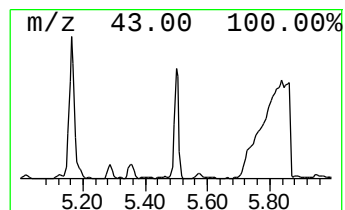
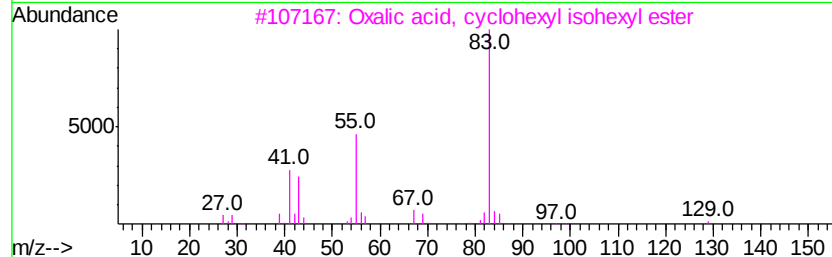
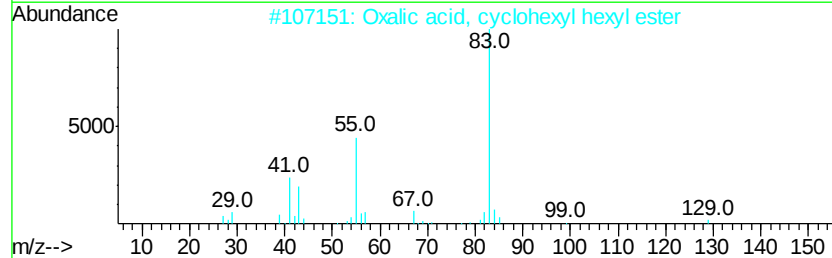
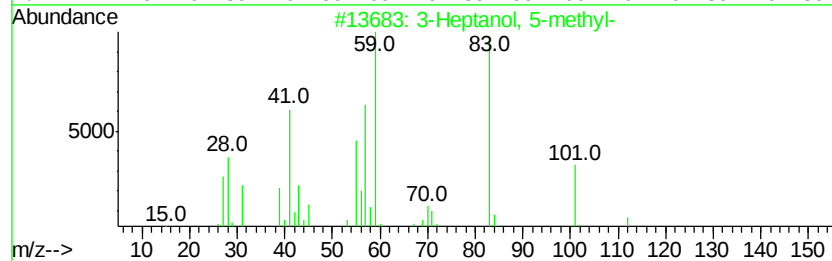
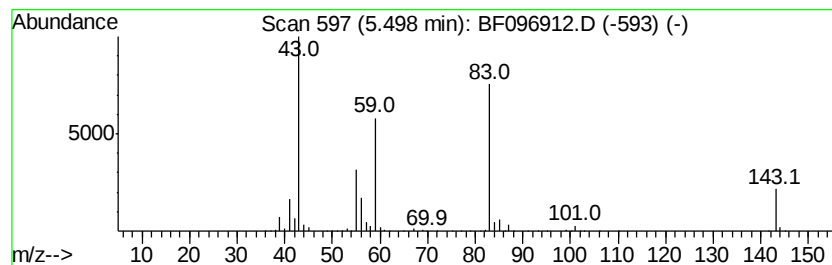
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.50 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	54.58 ng	1639720	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	36
2		Oxalic acid, cyclohexyl hexyl ester	256	C14H24O4	1000309-30-8	32
3		Oxalic acid, cyclohexyl isohexyl...	256	C14H24O4	1000309-30-7	32
4		1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	25
5		Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	23



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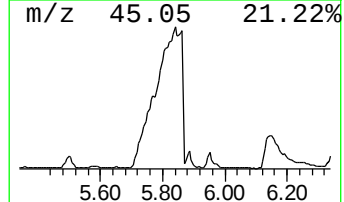
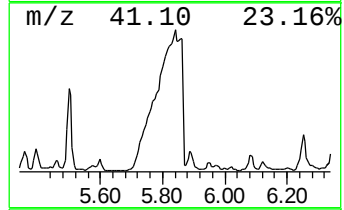
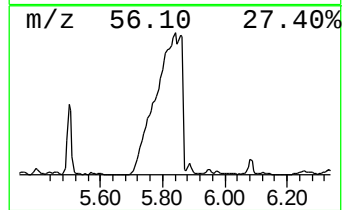
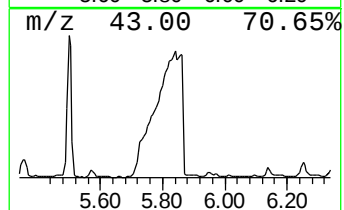
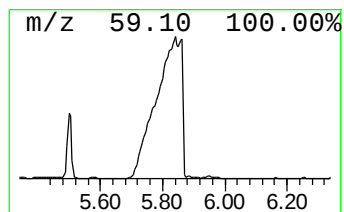
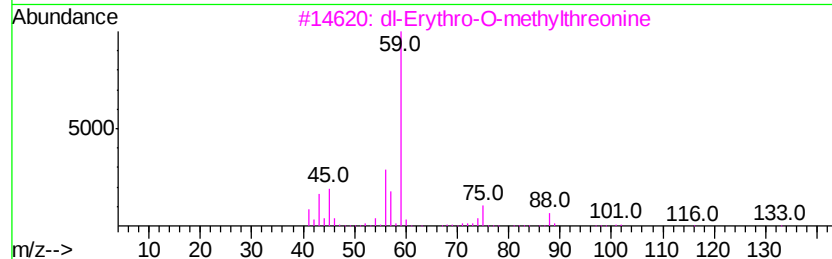
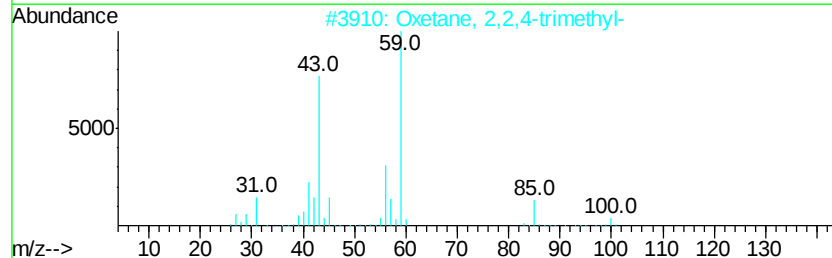
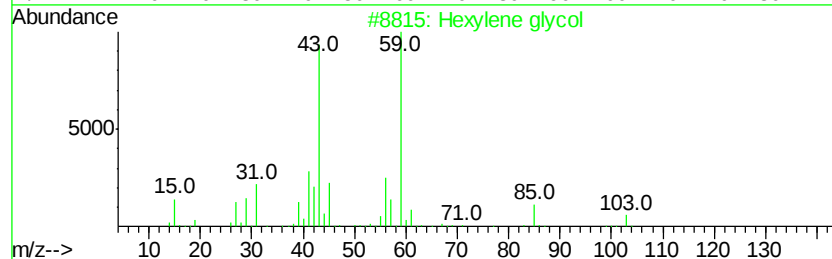
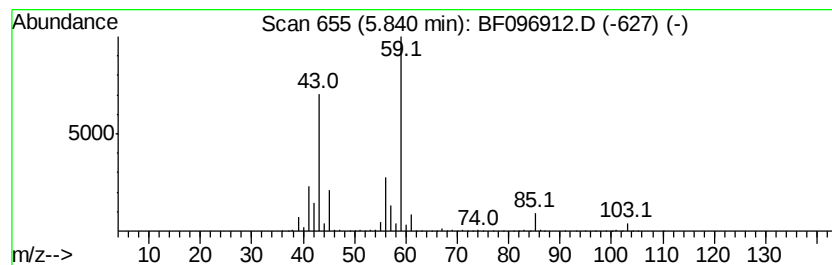
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexylene glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	276.09 ng	8293770	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexylene glycol	118	C6H14O2	000107-41-5	72
2		Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	56
3		dl-Erythro-O-methylthreonine	133	C5H11NO3	1000214-70-7	50
4		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	45
5		N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	45



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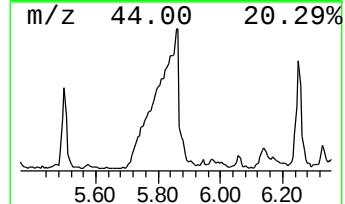
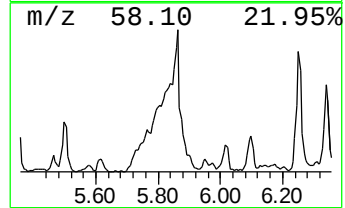
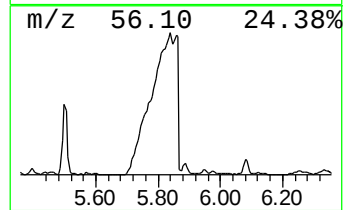
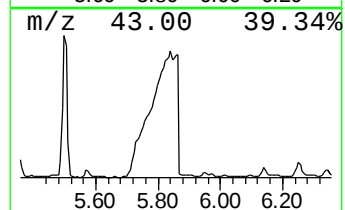
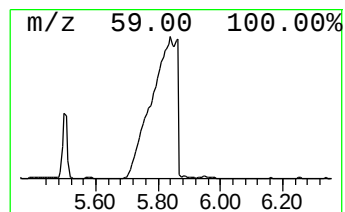
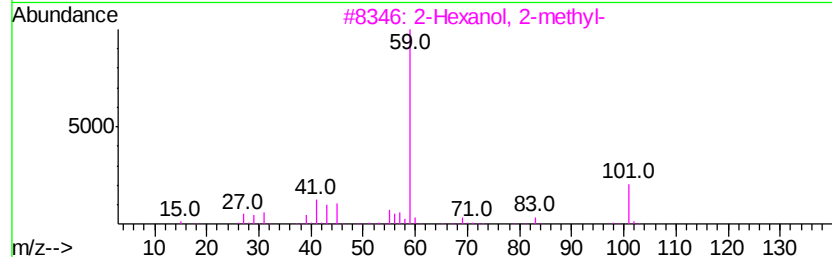
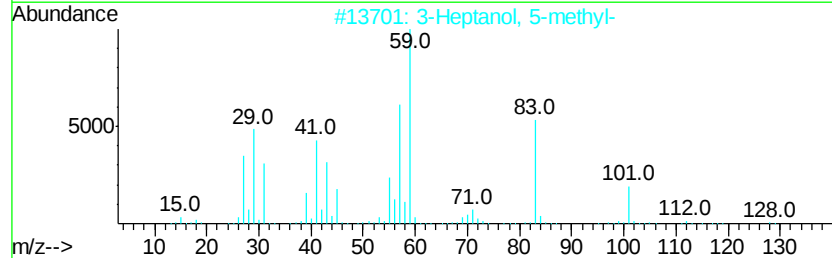
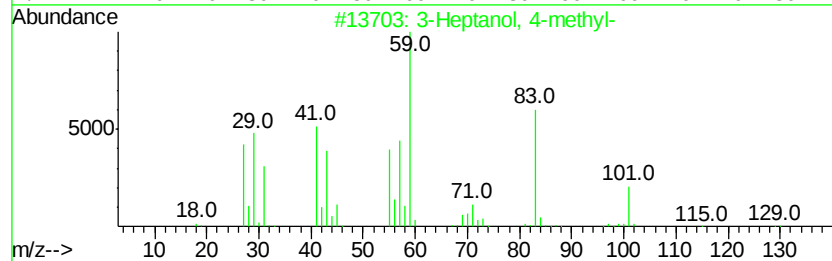
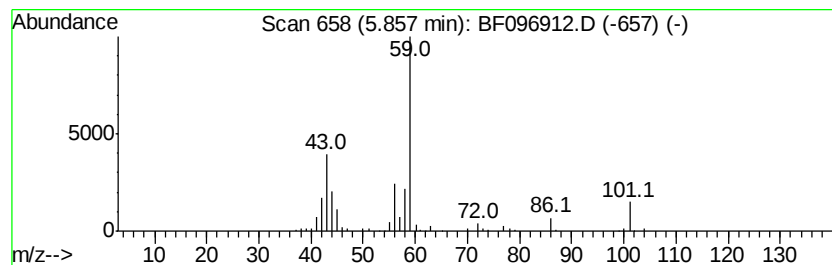
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown5.86 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	41.37 ng	1242750	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	39
2		3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	38
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	36
4		3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	9
5		Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\
Data File : BF096912.D
Acq On : 20 Jul 2017 18:16
Operator : SJ/JU
Sample : I4246-08
Misc :
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ClientSampleId :
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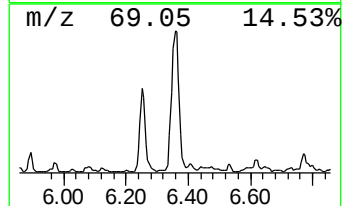
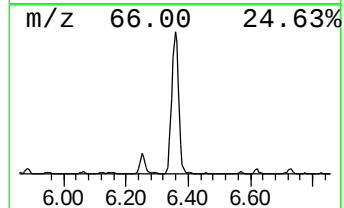
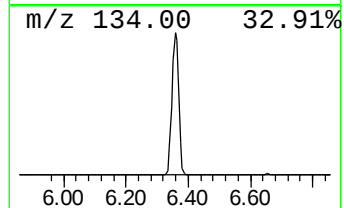
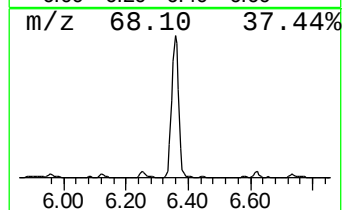
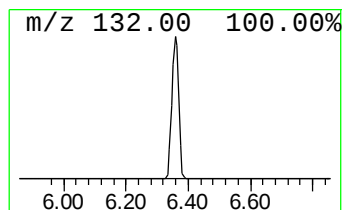
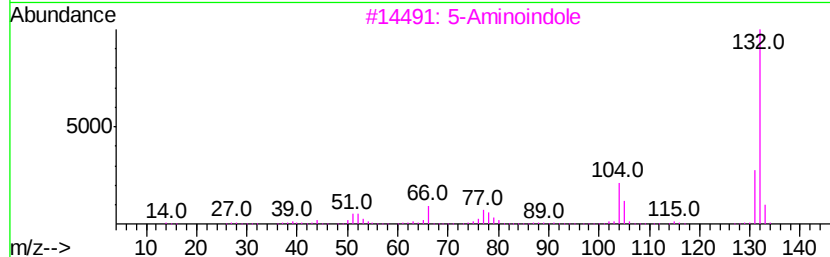
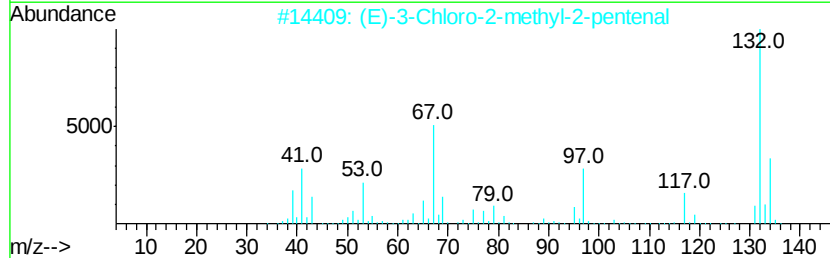
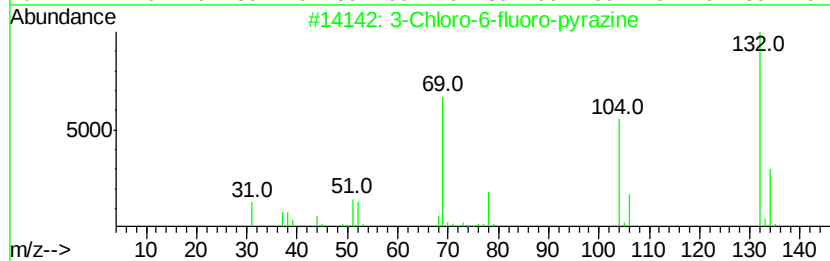
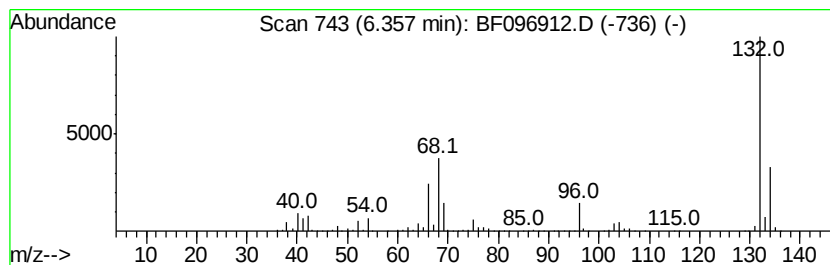
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.36 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	99.64 ng	2993050	1,4-Dichlorobenzene-d4	6.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
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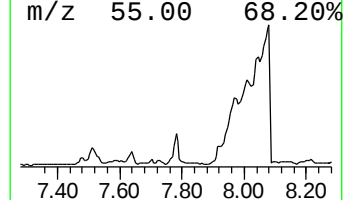
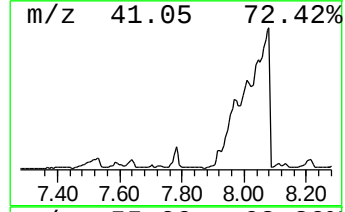
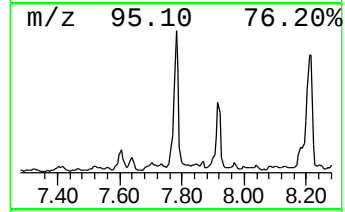
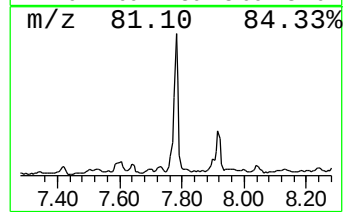
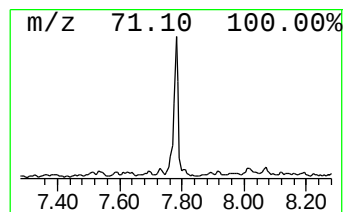
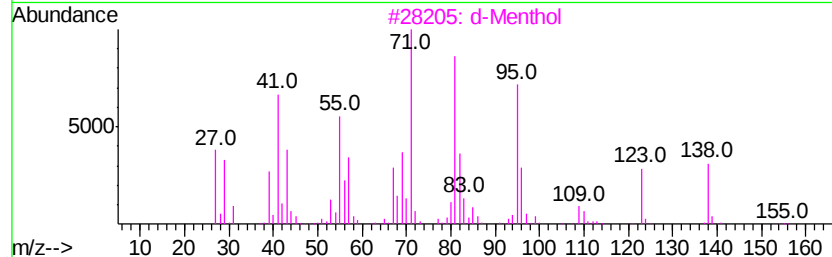
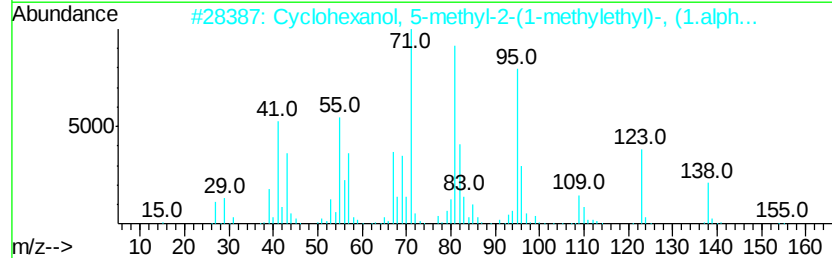
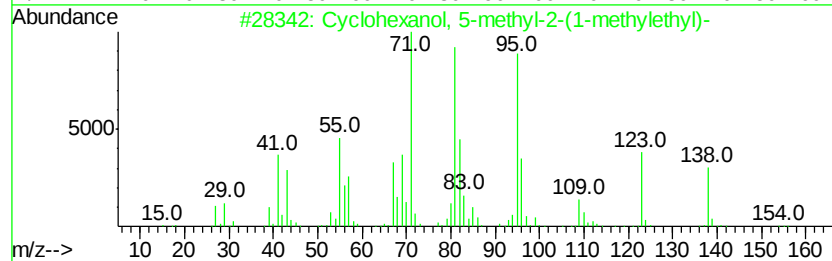
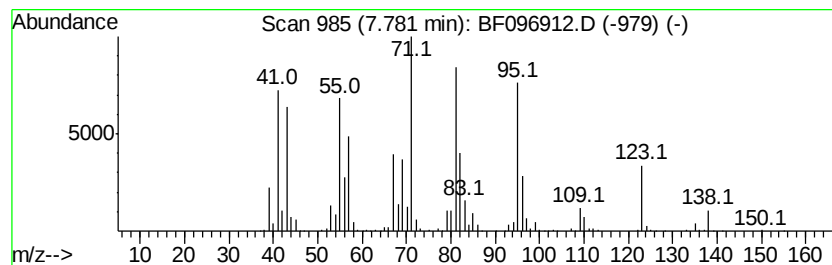
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	51.58 ng	1338180	Napthalene-d8	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	001490-04-6	91
2			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	015356-70-4	91
3			d-Menthol	156	C10H20O	015356-60-2	91
4			Levomenthol	156	C10H20O	002216-51-5	91
5			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
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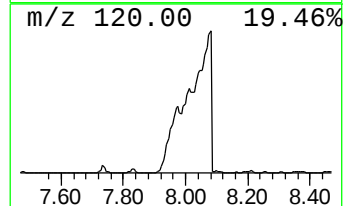
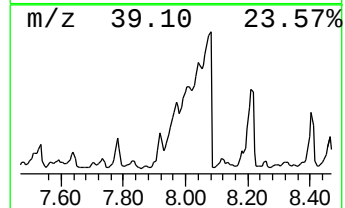
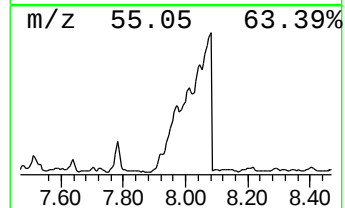
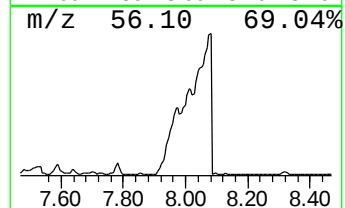
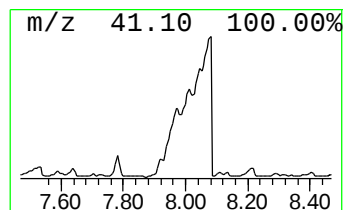
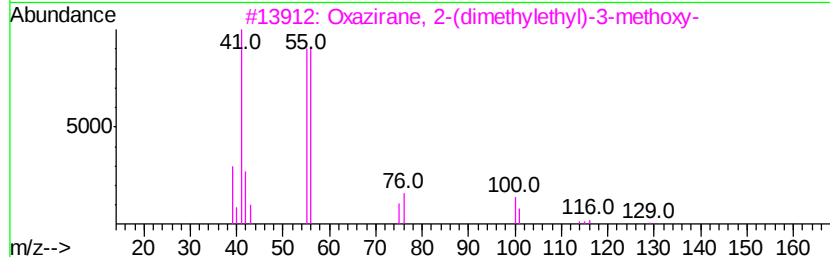
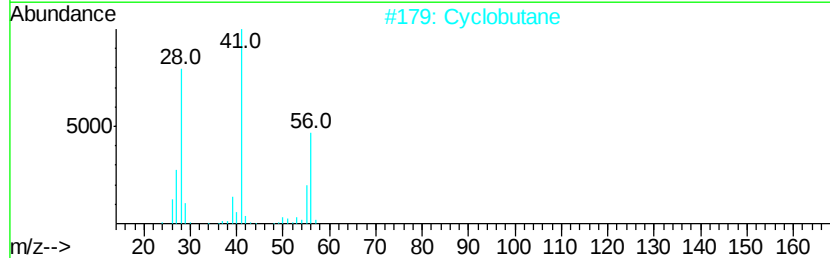
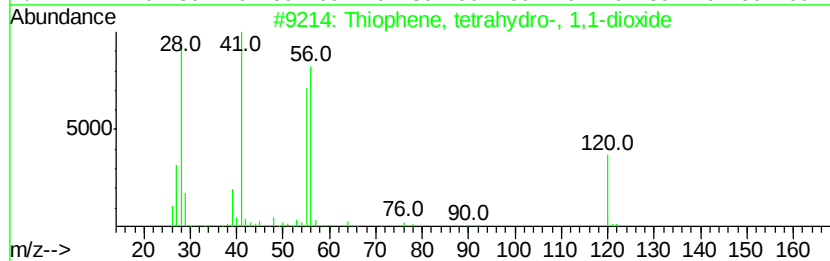
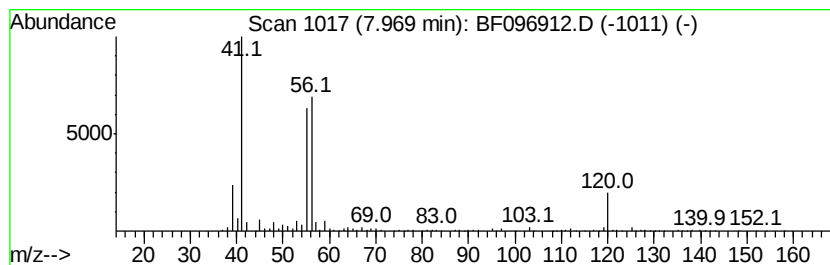
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Thiophene, tetrahydro-, 1,1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	76.39 ng	1981780	Naphthalene-d8	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, tetrahydro-, 1,1-dioxide	120	C4H8O2S	000126-33-0	53
2		Cyclobutane	56	C4H8	000287-23-0	47
3		Oxazirane, 2-(dimethylethyl)-3-methoxy-	131	C6H13NO2	103202-91-1	38
4		Vigabatrin	129	C6H11NO2	060643-86-9	38
5		2-Butene	56	C4H8	000107-01-7	38



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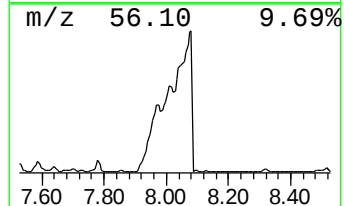
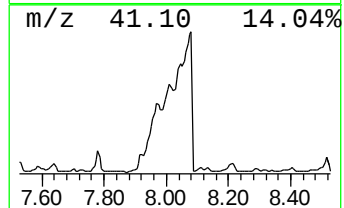
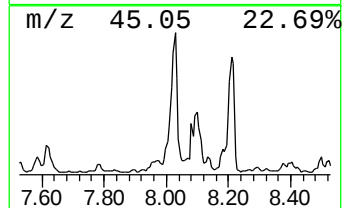
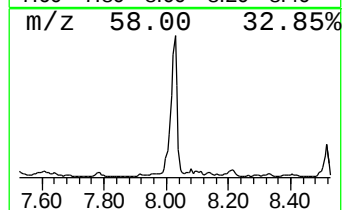
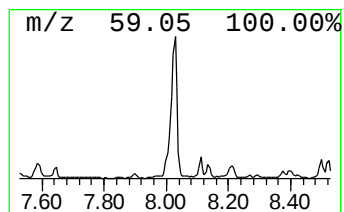
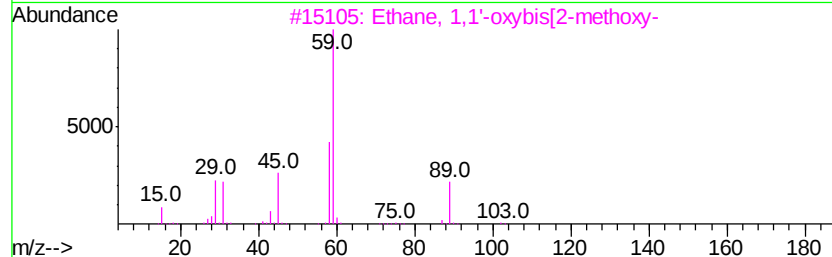
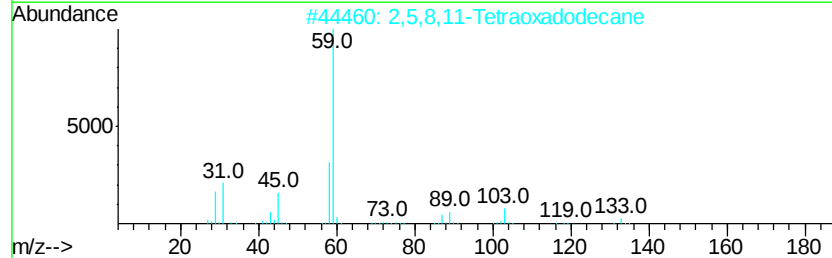
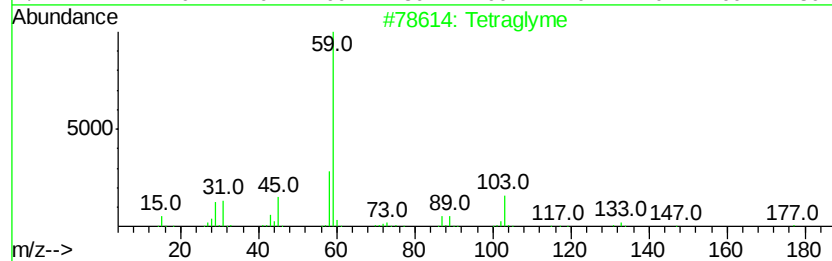
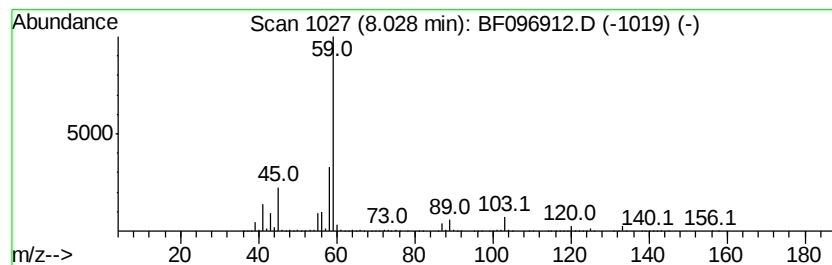
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetraglyme Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	288.52 ng	7484510	Napthalene-d8	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetraglyme	222	C10H22O5	000143-24-8	64
2		2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	64
3		Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	50
4		2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	45
5		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



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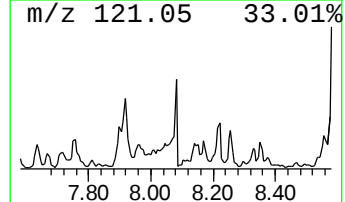
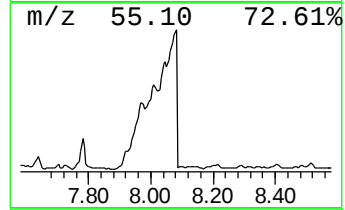
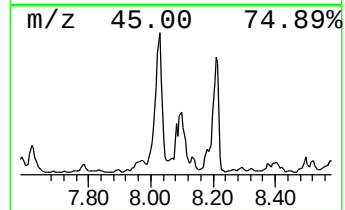
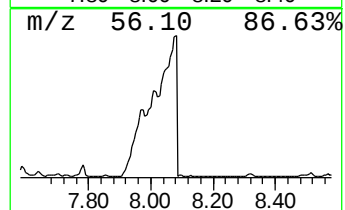
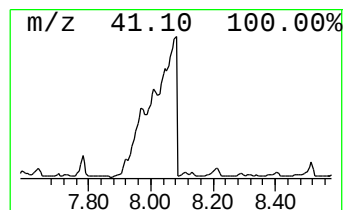
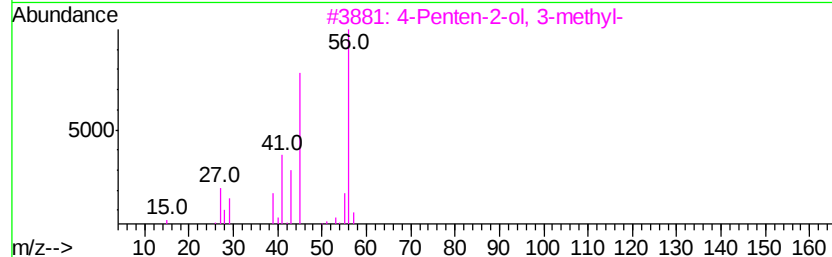
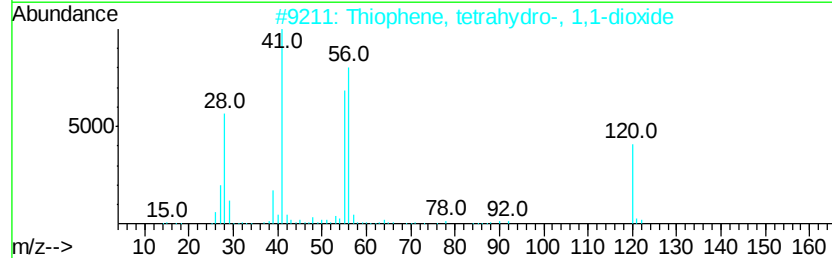
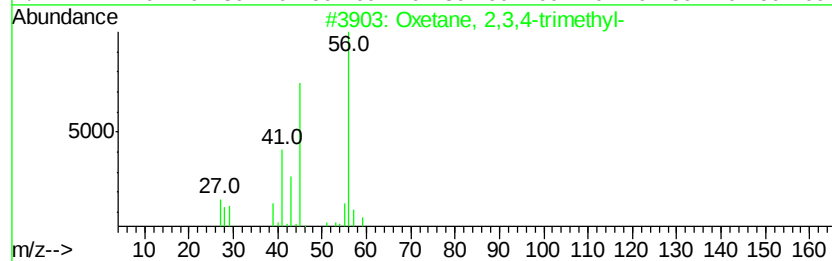
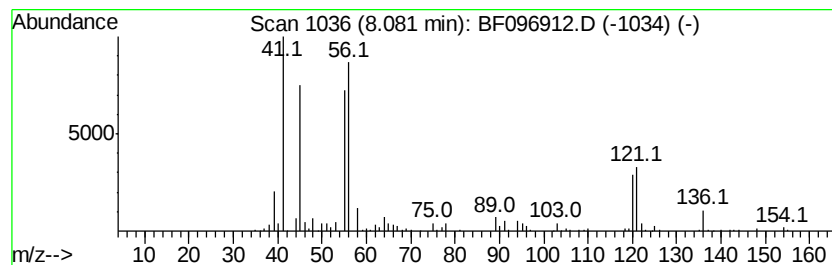
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Oxetane, 2,3,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	62.18 ng	1613080	Napthalene-d8	7.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxetane, 2,3,4-trimethyl-	100 C6H12O	053778-61-3	59
2	Thiophene, tetrahydro-, 1,1-dioxide	120 C4H8O2S	000126-33-0	38
3	4-Penten-2-ol, 3-methyl-	100 C6H12O	001569-59-1	36
4	Ethane, 1-bromo-2-methoxy-	138 C3H7BrO	006482-24-2	12
5	(S)-(+)-1,2-Propanediol	76 C3H8O2	004254-15-3	12



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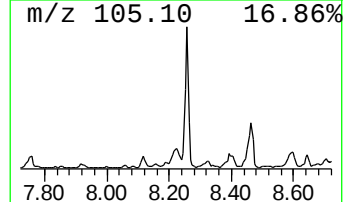
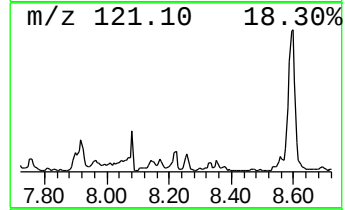
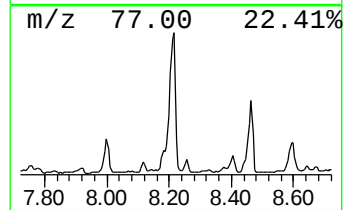
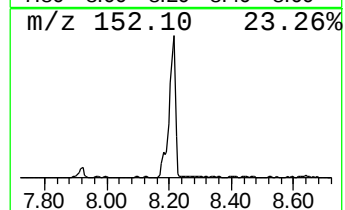
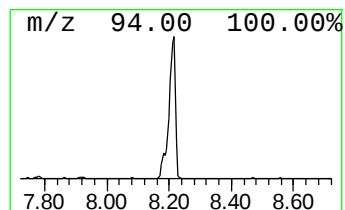
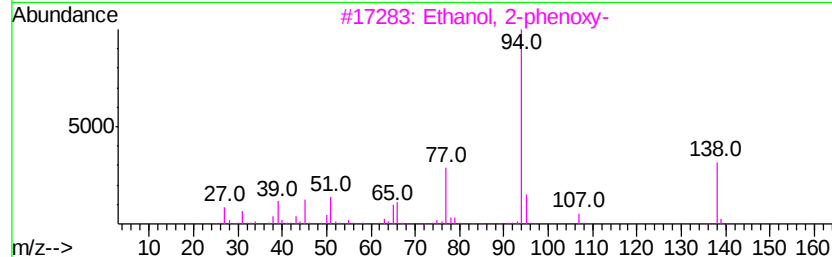
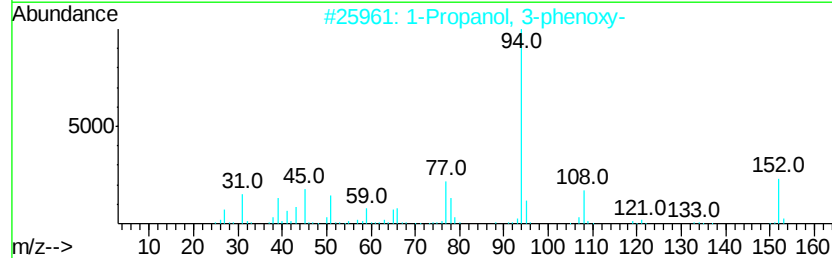
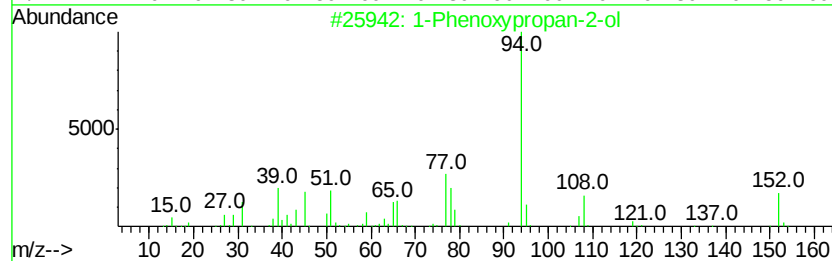
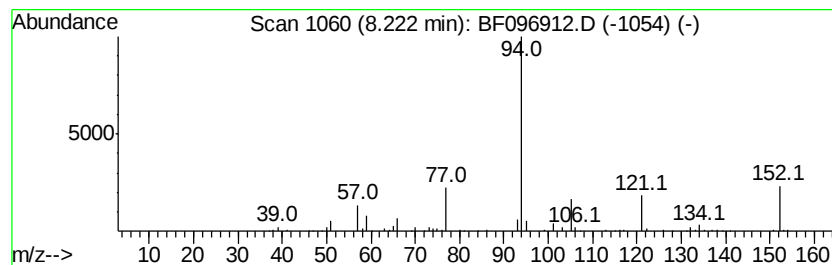
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Phenoxypropan-2-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	121.17 ng	3143300	Napthalene-d8	7.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2			1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
3			Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
4			1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	59
5			Benzene, (2-methylpropoxy)-	150	C10H14O	001126-75-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096912.D
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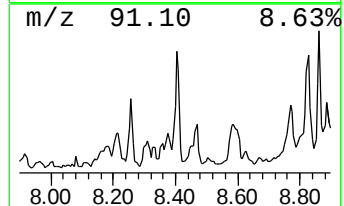
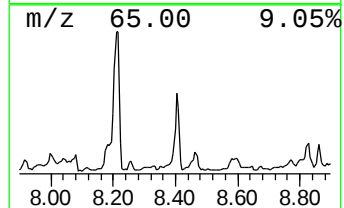
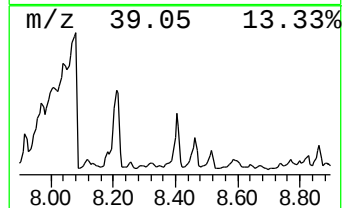
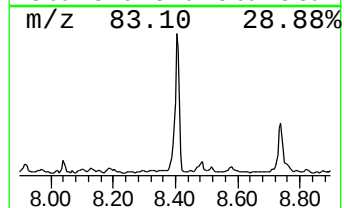
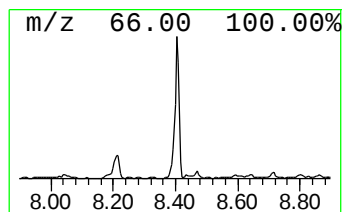
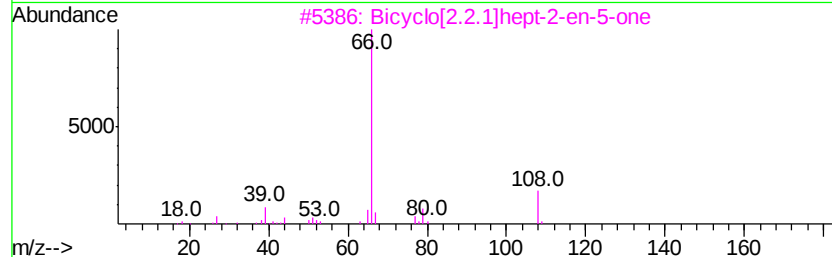
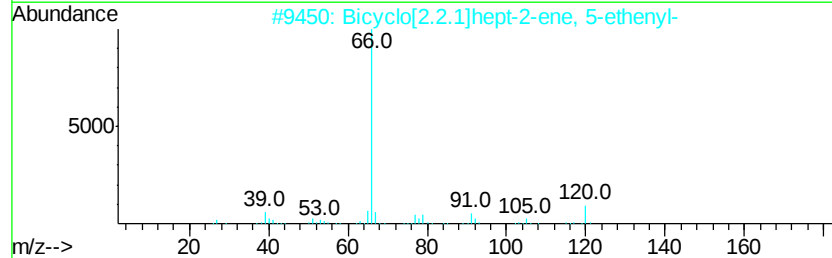
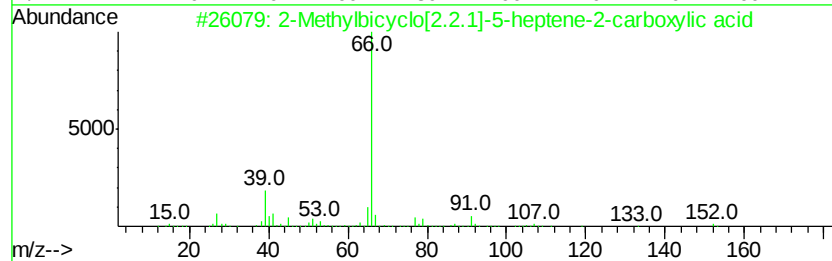
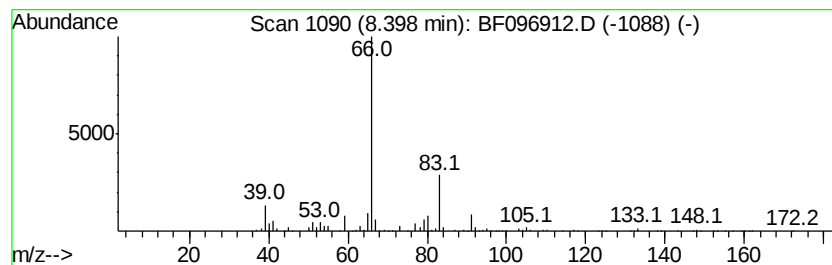
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-Methylbicyclo[2.2.1]-5-he... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	45.88 ng	1190080	Naphthalene-d8	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylbicyclo[2.2.1]-5-heptene...	152	C9H12O2	000825-03-6	78
2		Bicyclo[2.2.1]hept-2-ene, 5-ethenyl-	120	C9H12	003048-64-4	78
3		Bicyclo[2.2.1]hept-2-en-5-one	108	C7H8O	000694-98-4	78
4		5-Norbornene-2,3-diacetonitrile	172	C11H12N2	101832-55-7	78
5		Bicyclo(2.2.1)hept-5-ene-2-carbo...	119	C8H9N	002888-90-6	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\
Data File : BF096912.D
Acq On : 20 Jul 2017 18:16
Operator : SJ/JU
Sample : I4246-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-3-COMP

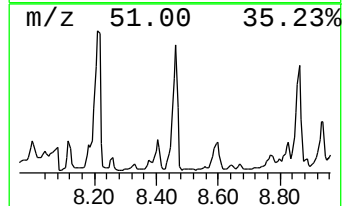
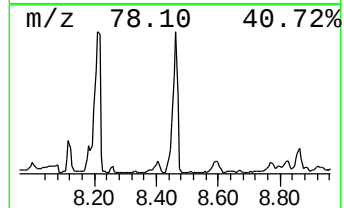
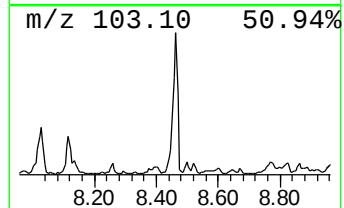
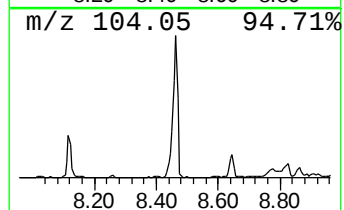
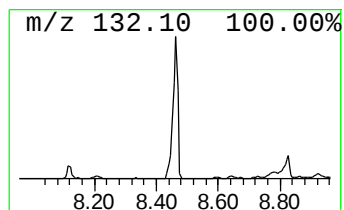
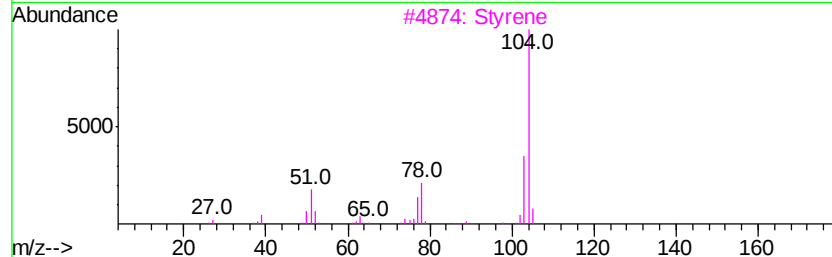
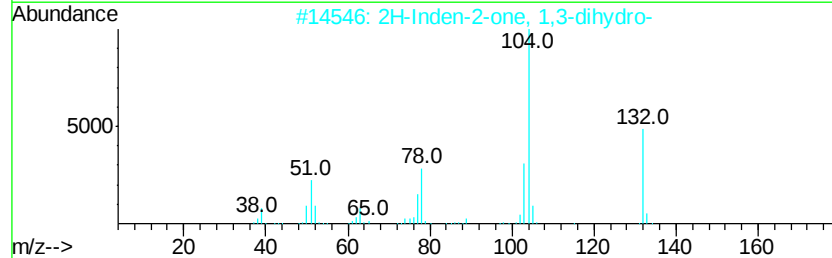
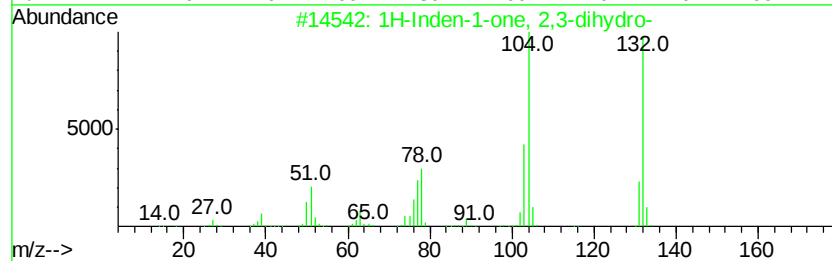
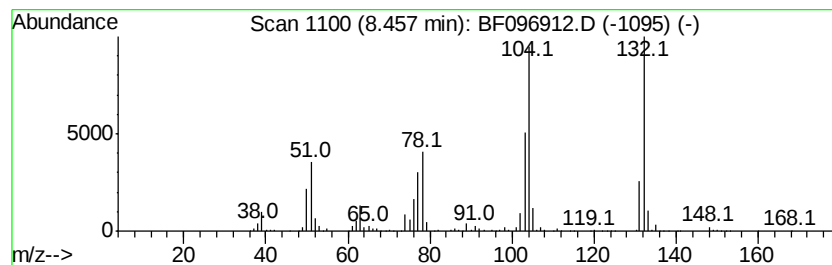
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	76.99 ng	1997140	Napthalene-d8	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	96
2		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64
3		Styrene	104	C8H8	000100-42-5	60
4		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	60
5		N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	59



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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DRUM-1-2-3-COMP

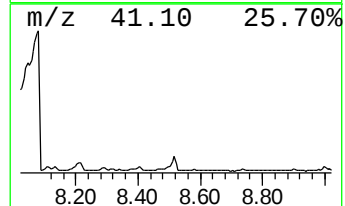
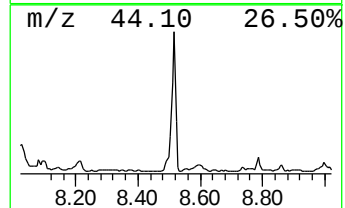
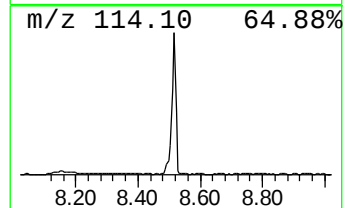
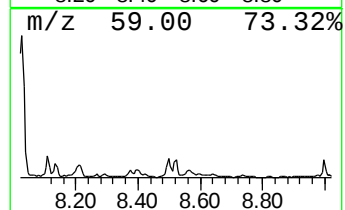
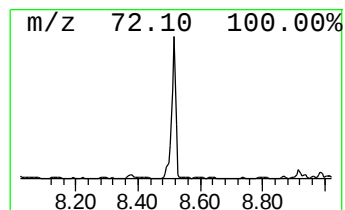
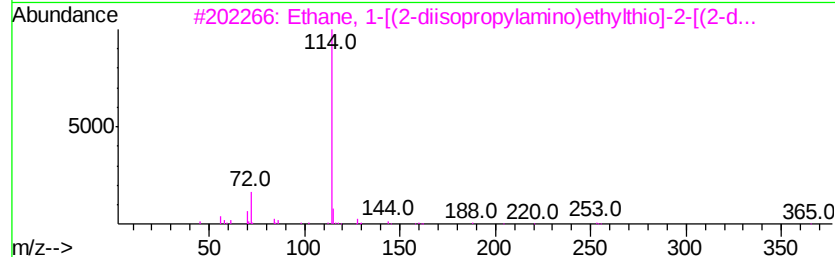
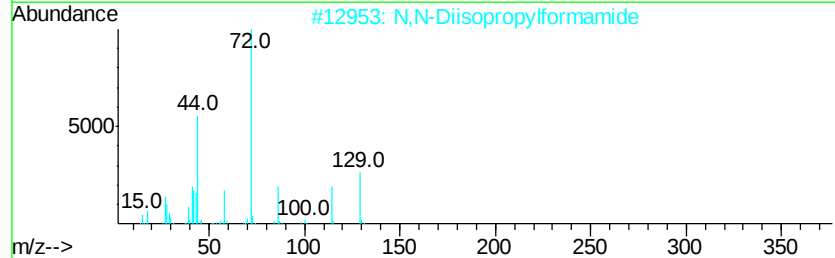
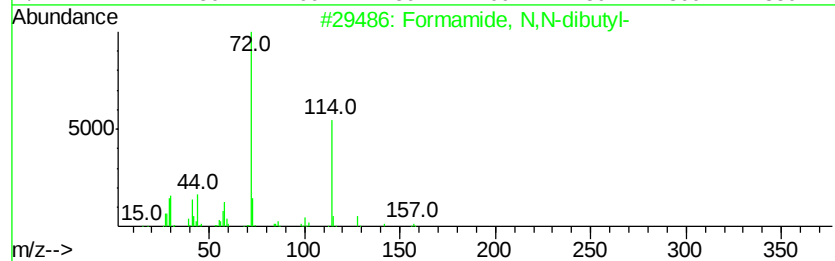
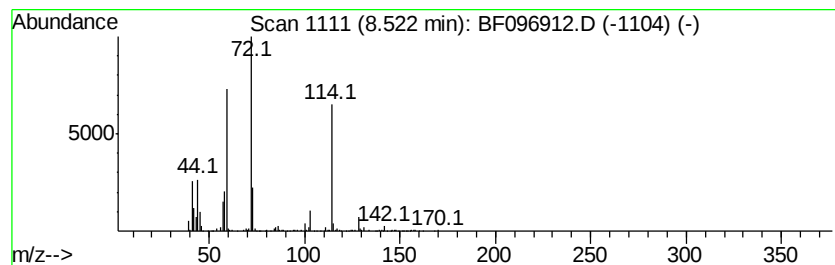
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Formamide, N,N-dibutyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	44.12 ng	1144430	Naphthalene-d8	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Formamide, N,N-dibutyl-	157	C9H19NO	000761-65-9	74
2		N,N-Diisopropylformamide	129	C7H15NO	002700-30-3	47
3		Ethane, 1-[(2-diisopropylamino)ethyl]-2-[(2-dimethylamino)ethyl]-	380	C18H40N2S3	110501-59-2	42
4		Diisopropylethylamine	129	C8H19N	007087-68-5	42
5		Dimethyl(2-octyl)amine	157	C10H23N	007378-97-4	38



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Operator : SJ/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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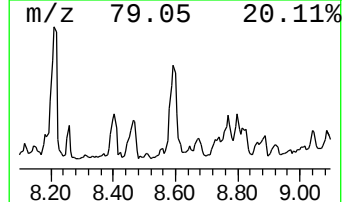
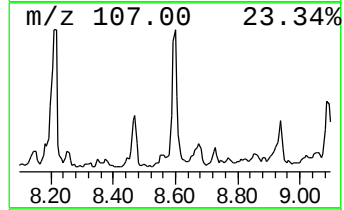
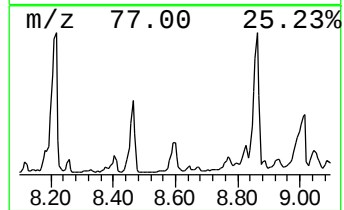
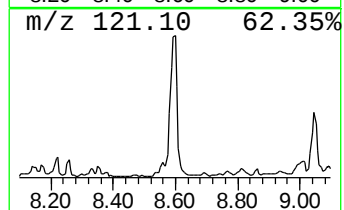
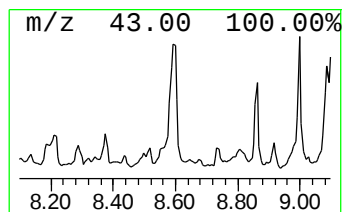
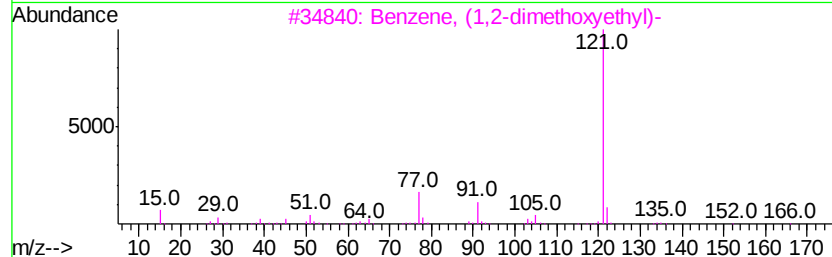
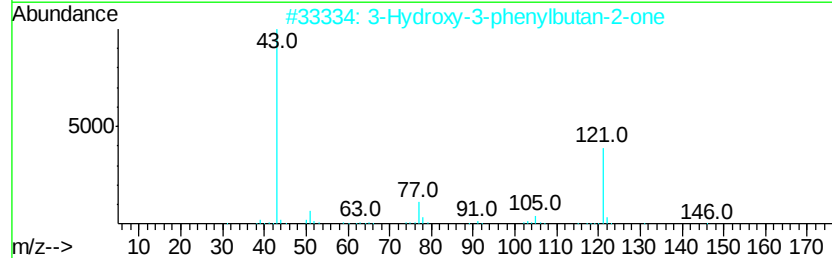
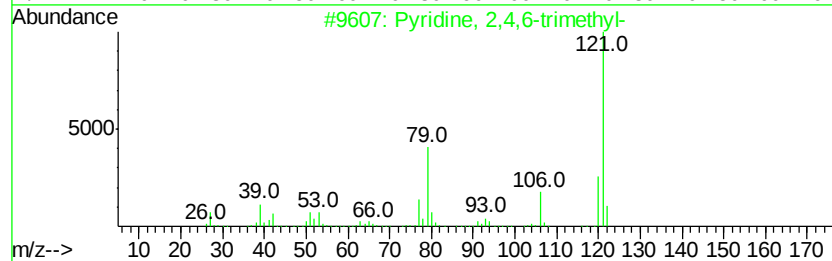
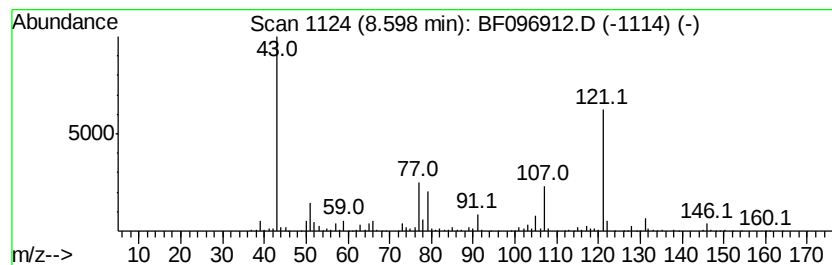
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.60 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	45.09 ng	1169610	Napthalene-d8	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine, 2,4,6-trimethyl-	121	C8H11N	000108-75-8	27
2		3-Hydroxy-3-phenylbutan-2-one	164	C10H12O2	1000368-45-5	27
3		Benzene, (1,2-dimethoxyethyl)-	166	C10H14O2	004013-37-0	27
4		Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	22
5		Benzoin methyl ether	226	C15H14O2	003524-62-7	22



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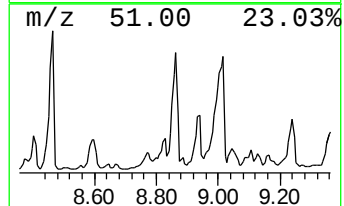
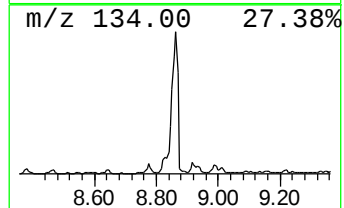
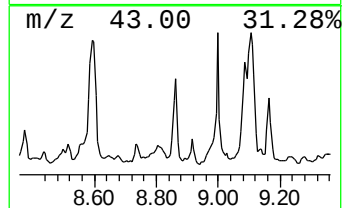
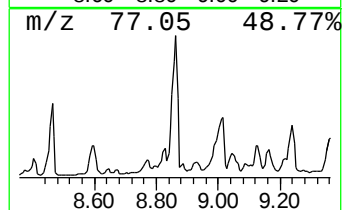
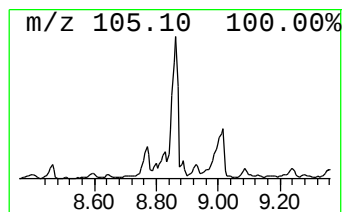
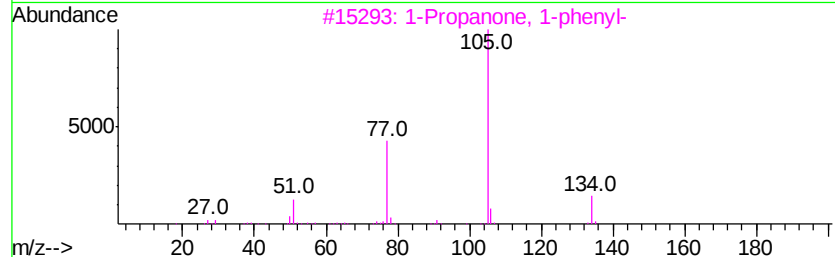
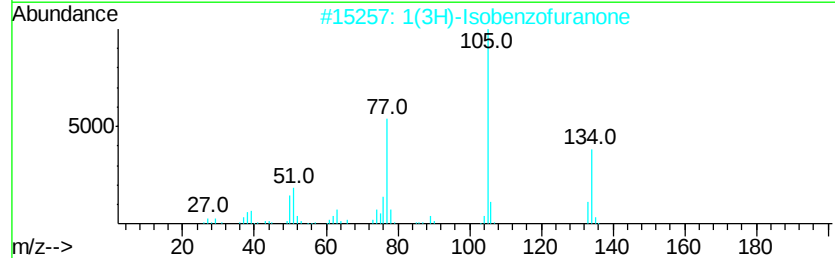
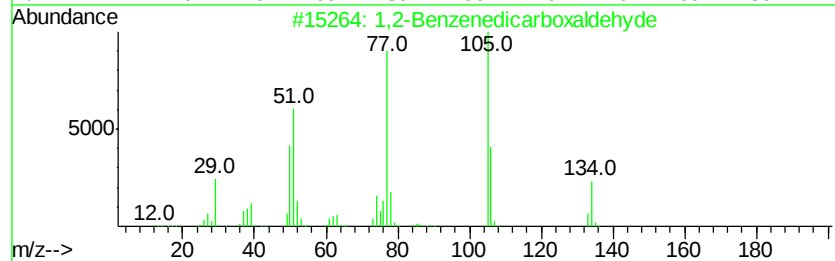
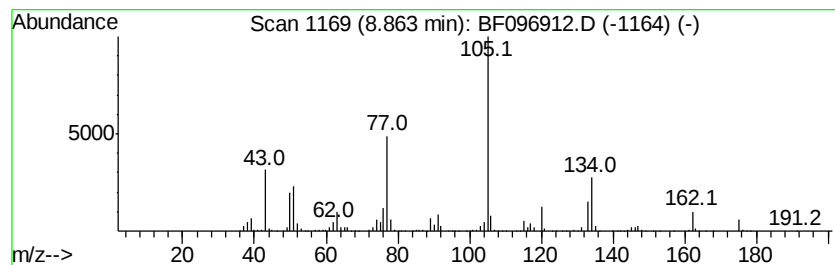
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2-Benzenedicarboxaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	47.07 ng	1893080	Acenaphthene-d10	9.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,2-Benzenedicarboxaldehyde	134 C8H6O2	000643-79-8	80
2	1(3H)-Isobenzofuranone	134 C8H6O2	000087-41-2	70
3	1-Propanone, 1-phenyl-	134 C9H10O	000093-55-0	50
4	Benzoic acid, 2-propenyl ester	162 C10H10O2	000583-04-0	49
5	Benzenecarbothioic acid	138 C7H6OS	000098-91-9	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096912.D
Acq On : 20 Jul 2017 18:16
Operator : SJ/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DRUM-1-2-3-COMP

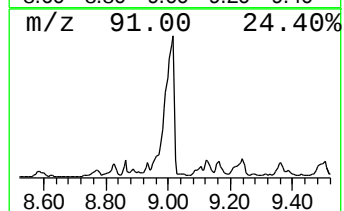
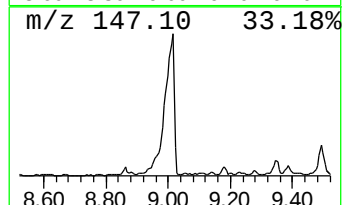
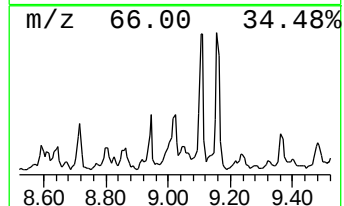
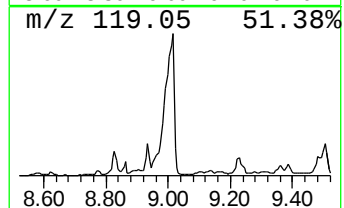
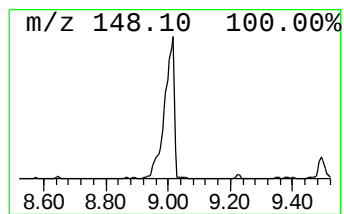
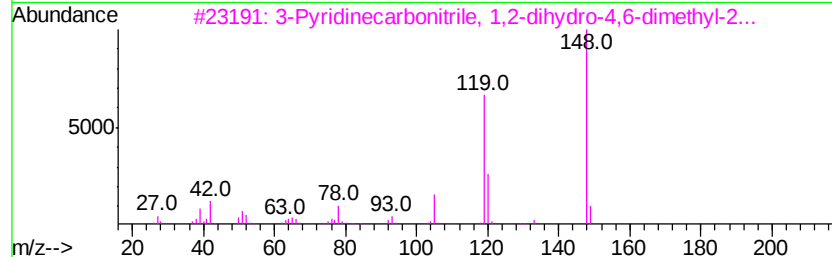
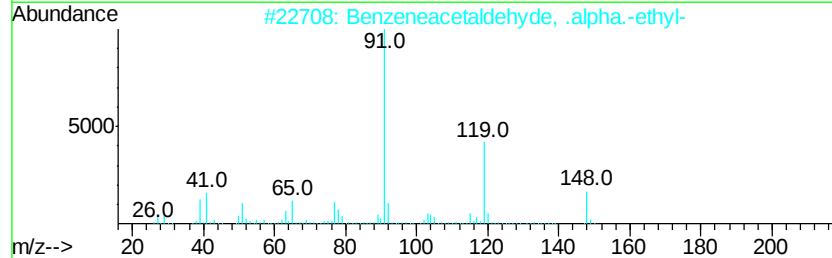
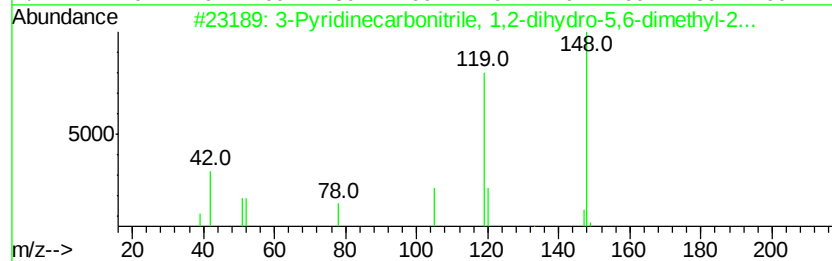
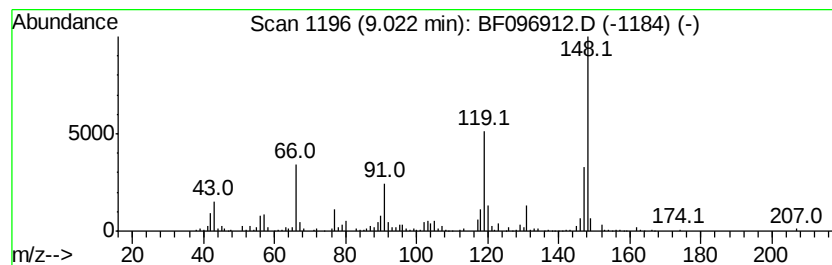
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3-Pyridinecarbonitrile, 1,2... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	163.02 ng	6556130	Acenaphthene-d10	9.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pyridinecarbonitrile, 1,2-dihy...	148	C8H8N2O	072716-80-4	64
2		Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	58
3		3-Pyridinecarbonitrile, 1,2-dihy...	148	C8H8N2O	000769-28-8	58
4		2H-Benzimidazol-2-one, 1,3-dihyd...	148	C8H8N2O	001849-01-0	53
5		3H-Indazol-3-one, 1,2-dihydro-1-...	148	C8H8N2O	001006-19-5	53



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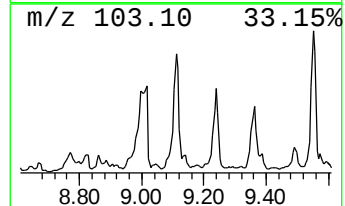
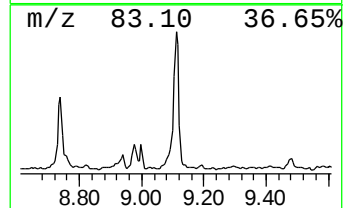
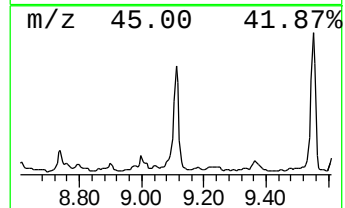
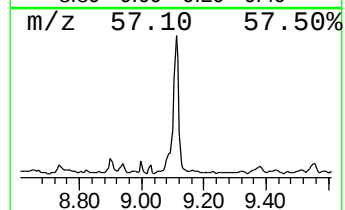
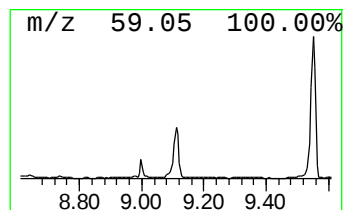
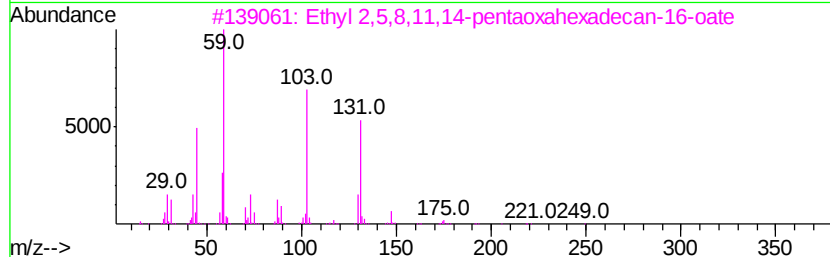
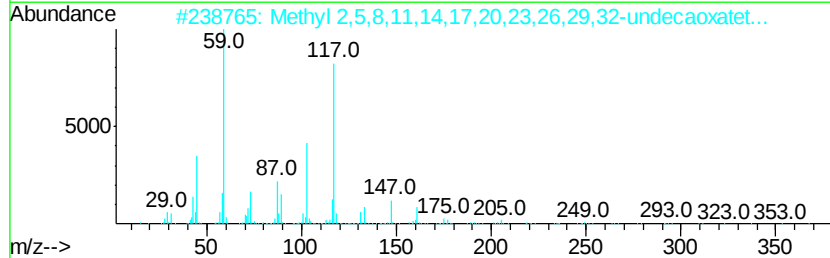
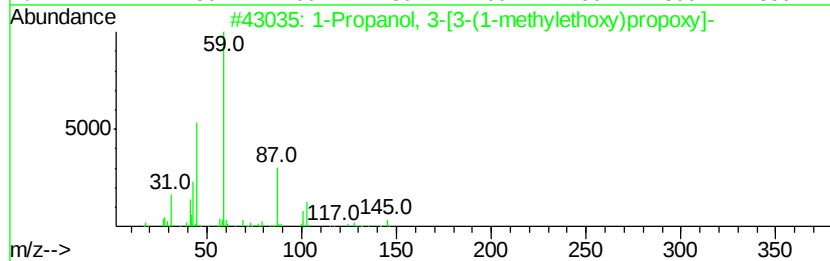
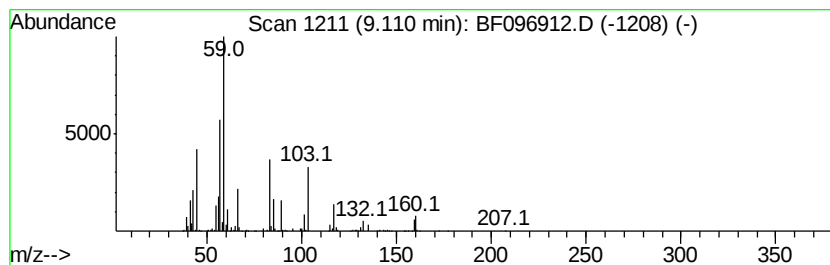
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown9.11 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	59.30 ng	2384810	Acenaphthene-d10	9.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propanol, 3-[3-(1-methylethoxy)...	176	C9H20O3	054518-03-5	35
2			Methyl 2,5,8,11,14,17,20,23,26,2...	544	C24H48O13	1000366-80-9	32
3			Ethyl 2,5,8,11,14-pentaoxahexade...	294	C13H26O7	1000366-80-7	32
4			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	32
5			1-Ethoxypentan-3-ol	132	C7H16O2	100910-92-7	32



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Operator : SJ/JU
Sample : I4246-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-3-COMP

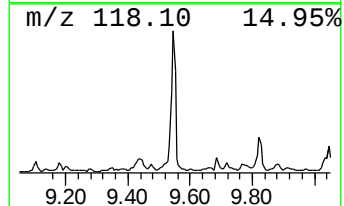
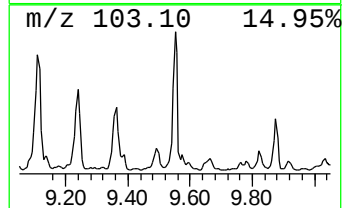
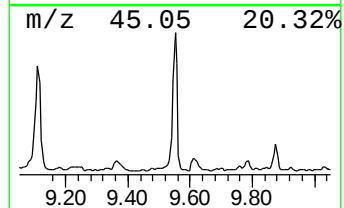
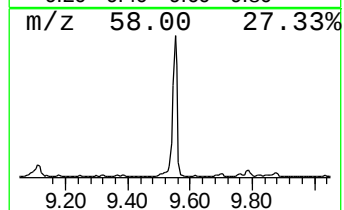
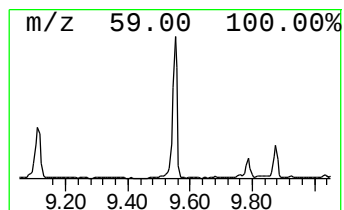
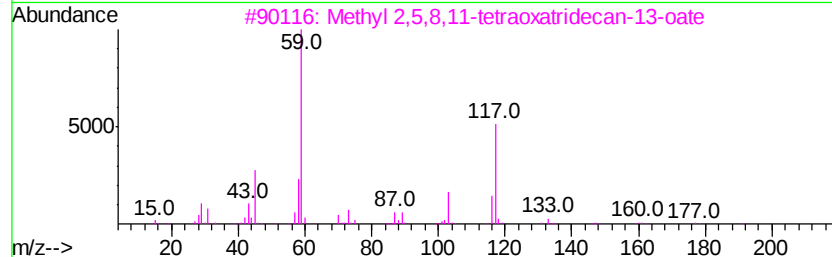
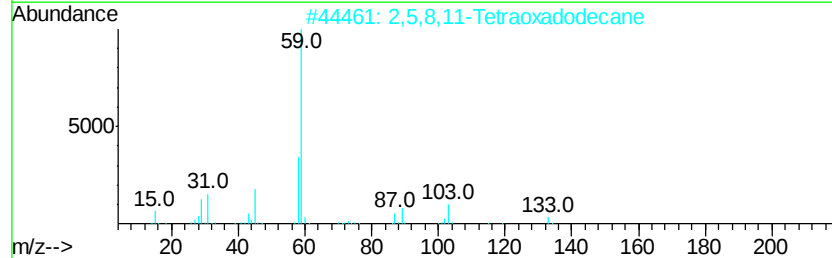
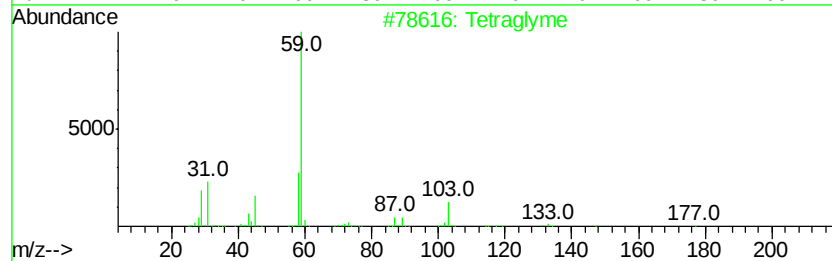
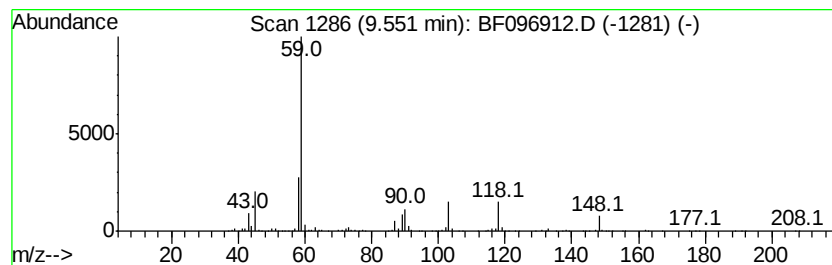
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2,5,8,11-Tetraoxadodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	61.27 ng	2463930	Acenaphthene-d10	9.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetraqlyme	222	C10H22O5	000143-24-8	80
2		2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	64
3		Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	56
4		Ethanedioic acid, dimethyl ester	118	C4H6O4	000553-90-2	53
5		dl-Threonine, methyl ester	133	C5H11NO3	1000130-33-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096912.D
Acq On : 20 Jul 2017 18:16
Operator : SJ/JU
Sample : I4246-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-3-COMP

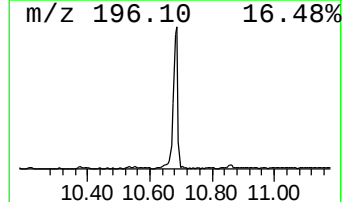
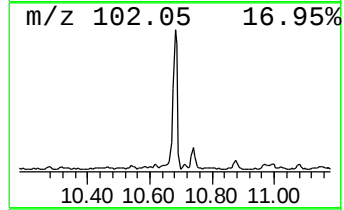
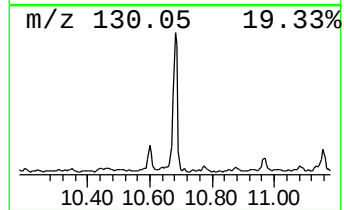
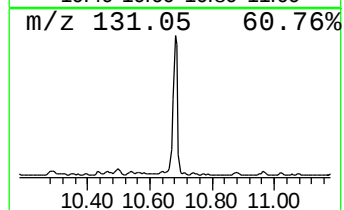
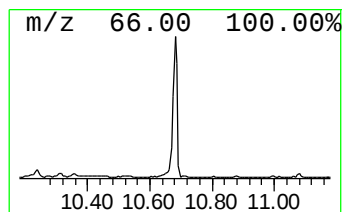
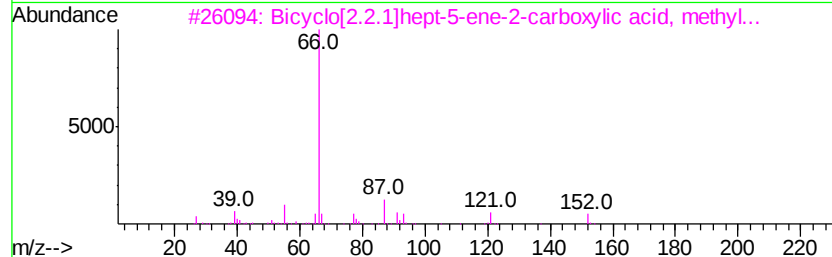
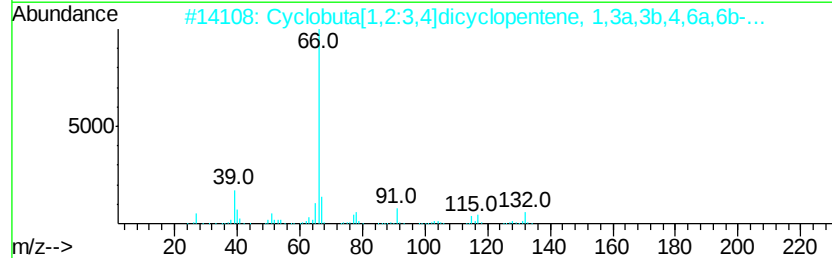
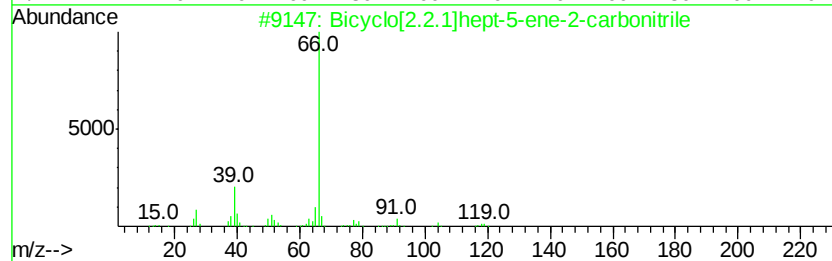
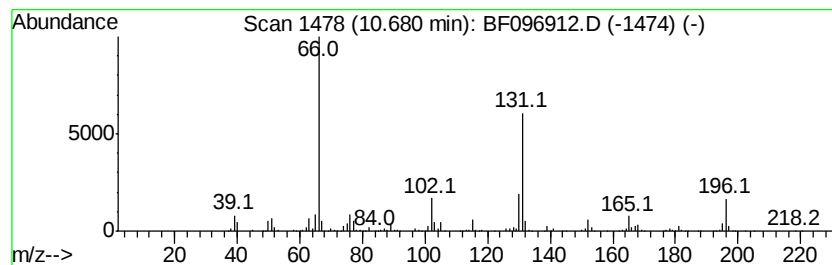
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Bicyclo[2.2.1]hept-5-ene-2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	48.65 ng	1465480	Phenanthrene-d10	11.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	59
2		Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	105226-58-2	59
3		Bicyclo[2.2.1]hept-5-ene-2-carbo...	152	C9H12O2	000769-85-7	45
4		Methyl 5-norbornene-2-carboxylate	152	C9H12O2	006203-08-3	45
5		Propanedinitrile	66	C3H2N2	000109-77-3	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\
Data File : BF096912.D
Acq On : 20 Jul 2017 18:16
Operator : SJ/JU
Sample : I4246-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2-3-COMP

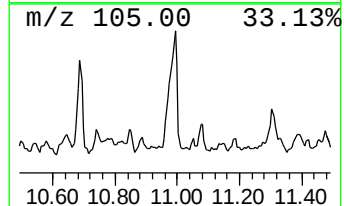
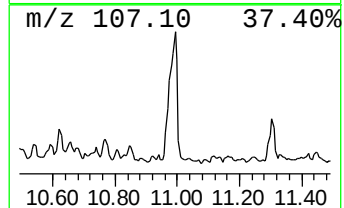
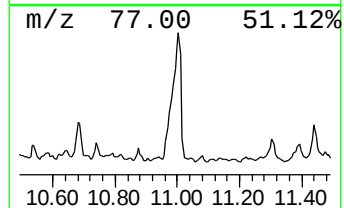
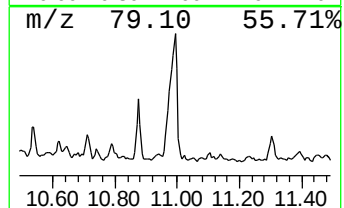
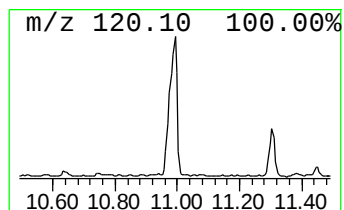
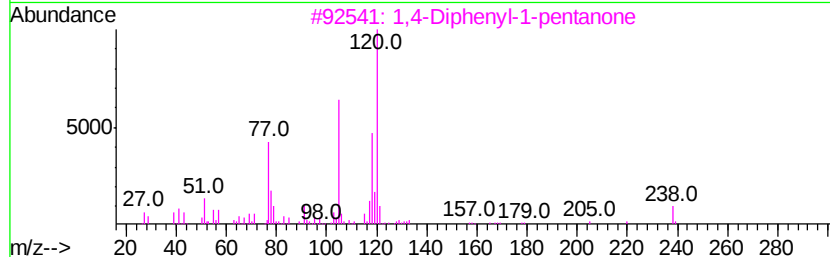
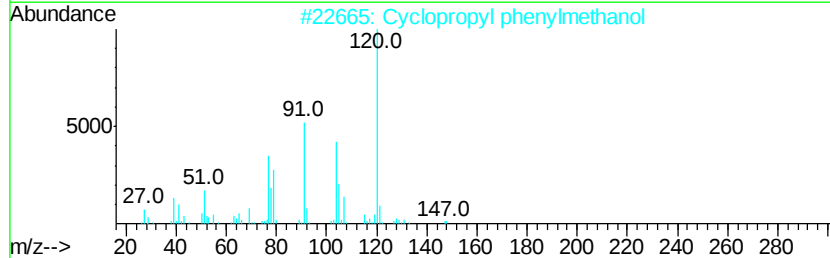
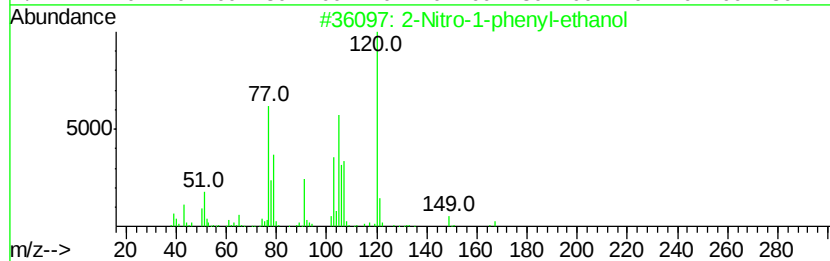
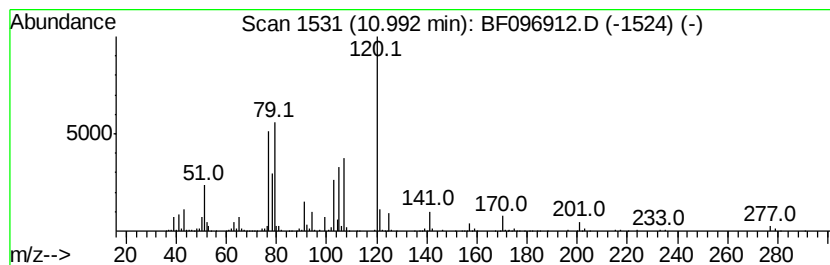
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown10.99 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	49.13 ng	1480120	Phenanthrene-d10	11.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nitro-1-phenyl-ethanol	167	C8H9NO3	015990-45-1	38
2		Cyclopropyl phenylmethanol	148	C10H12O	001007-03-0	32
3		1,4-Diphenyl-1-pentanone	238	C17H18O	072256-08-7	25
4		N-Benzoyltvramine	241	C15H15NO2	041859-54-5	25
5		Acetamide, 2,2-dichloro-N-phenyl-	203	C8H7Cl2NO	1000305-67-6	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072017\
 Data File : BF096912.D
 Acq On : 20 Jul 2017 18:16
 Operator : SJ/JU
 Sample : I4246-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2-3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
unknown5.50	5.50	54.6	ng	1639720	1	6.57	600796	20.0
Hexylene glycol	5.84	276.1	ng	8293770	1	6.57	600796	20.0
unknown5.86	5.86	41.4	ng	1242750	1	6.57	600796	20.0
unknown6.36	6.36	99.6	ng	2993050	1	6.57	600796	20.0
Cyclohexanol, 5-m...	7.78	51.6	ng	1338180	2	7.85	518827	20.0
Thiophene, tetrah...	7.97	76.4	ng	1981780	2	7.85	518827	20.0
Tetraglyme	8.03	288.5	ng	7484510	2	7.85	518827	20.0
Oxetane, 2,3,4-tr...	8.08	62.2	ng	1613080	2	7.85	518827	20.0
1-Phenoxypropan-2-ol	8.22	121.2	ng	3143300	2	7.85	518827	20.0
2-Methylbicyclo[2...	8.40	45.9	ng	1190080	2	7.85	518827	20.0
1H-Inden-1-one, 2...	8.46	77.0	ng	1997140	2	7.85	518827	20.0
Formamide, N,N-di...	8.52	44.1	ng	1144430	2	7.85	518827	20.0
unknown8.60	8.60	45.1	ng	1169610	2	7.85	518827	20.0
1,2-Benzenedicarb...	8.86	47.1	ng	1893080	3	9.60	804325	20.0
3-Pyridinecarboni...	9.02	163.0	ng	6556130	3	9.60	804325	20.0
unknown9.11	9.11	59.3	ng	2384810	3	9.60	804325	20.0
2,5,8,11-Tetraoxa...	9.55	61.3	ng	2463930	3	9.60	804325	20.0
Bicyclo[2.2.1]hep...	10.68	48.6	ng	1465480	4	11.08	602502	20.0
unknown10.99	10.99	49.1	ng	1480120	4	11.08	602502	20.0