

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095038.D
 Acq On : 9 May 2017 23:52
 Operator : SJ/MA
 Sample : I3035-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-(1-5)

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-BF050217.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	2.484	87	93	102	rBV	108399	180227	2.31%	0.166%
2	2.684	123	127	131	rVV	140850	244579	3.14%	0.226%
3	2.713	131	132	143	rVV	165831	415111	5.33%	0.383%
4	2.837	145	153	165	rVB3	129355	308912	3.96%	0.285%
5	3.043	179	188	200	rBV2	194025	501456	6.44%	0.463%
6	3.154	200	207	219	rVV	94966	200723	2.58%	0.185%
7	4.231	379	390	399	rVB2	516800	961930	12.35%	0.888%
8	4.425	421	423	449	rBV	357975	840811	10.79%	0.776%
9	4.990	514	519	529	rBV	558525	834105	10.70%	0.770%
10	5.148	542	546	555	rVB	121582	187274	2.40%	0.173%
11	5.384	583	586	590	rVV3	126170	203222	2.61%	0.188%
12	5.613	618	625	634	rBV2	2255275	3447858	44.25%	3.182%
13	5.701	637	640	649	rVV	333940	723994	9.29%	0.668%
14	5.772	649	652	661	rVV3	203154	379800	4.87%	0.350%
15	5.884	664	671	673	rVV2	193937	336733	4.32%	0.311%
16	5.937	677	680	687	rVB	221210	314561	4.04%	0.290%
17	6.554	772	785	788	rBV3	489482	1563693	20.07%	1.443%
18	6.972	848	856	859	rBV	205517	283213	3.63%	0.261%
19	7.001	859	861	865	rVV	253316	258806	3.32%	0.239%
20	7.360	915	922	926	rVV3	259072	531905	6.83%	0.491%
21	7.431	928	934	944	rVV2	1008975	2377958	30.52%	2.194%
22	7.707	975	981	987	rBV	455843	565969	7.26%	0.522%
23	7.813	995	999	1004	rBV	368393	461611	5.92%	0.426%
24	7.895	1010	1013	1017	rVV	177548	218023	2.80%	0.201%
25	7.948	1017	1022	1026	rVV	1405640	1684341	21.62%	1.554%
26	7.995	1026	1030	1036	rVV2	240664	365500	4.69%	0.337%
27	8.107	1044	1049	1062	rVB	355739	572668	7.35%	0.528%
28	8.278	1074	1078	1084	rBV2	144824	187545	2.41%	0.173%
29	8.336	1084	1088	1091	rBV2	160614	252220	3.24%	0.233%
30	8.378	1091	1095	1100	rVB2	313857	419762	5.39%	0.387%
31	8.431	1100	1104	1110	rVB	232705	295573	3.79%	0.273%
32	8.613	1130	1135	1142	rBV2	1474203	2020526	25.93%	1.865%
33	8.748	1154	1158	1163	rVB2	150660	234710	3.01%	0.217%
34	8.883	1173	1181	1187	rBV4	136414	297078	3.81%	0.274%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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35	8.954	1190	1193	1203	rVB2	82482	184741	2.37%	0.170%
36	9.078	1206	1214	1220	rBV4	171971	311583	4.00%	0.288%
37	9.172	1225	1230	1236	rBV3	158227	291197	3.74%	0.269%
38	9.266	1241	1246	1249	rBV	235707	372757	4.78%	0.344%
39	9.407	1262	1270	1272	rBV5	327580	615070	7.89%	0.568%
40	9.589	1297	1301	1305	rVB	231398	246691	3.17%	0.228%
41	9.654	1305	1312	1319	rBV2	787578	1383380	17.75%	1.277%
42	9.730	1321	1325	1333	rVB2	713324	879084	11.28%	0.811%
43	9.795	1333	1336	1342	rVB	139588	196221	2.52%	0.181%
44	9.860	1344	1347	1353	rVB3	164146	192497	2.47%	0.178%
45	10.025	1353	1375	1377	rBV8	934785	4332680	55.61%	3.998%
46	10.119	1384	1391	1395	rBV	1058873	2906790	37.31%	2.682%
47	10.178	1399	1401	1403	rVB	1523270	1031369	13.24%	0.952%
48	10.195	1403	1404	1414	rVB3	740052	1038039	13.32%	0.958%
49	10.272	1414	1417	1424	rBV	210471	360807	4.63%	0.333%
50	10.354	1426	1431	1433	rBV	1532629	2141928	27.49%	1.977%
51	10.395	1433	1438	1444	rVV	2398011	4939494	63.39%	4.558%
52	10.448	1444	1447	1455	rVB	604776	920494	11.81%	0.849%
53	10.636	1470	1479	1488	rVB	1448819	2549545	32.72%	2.353%
54	10.772	1491	1502	1505	rVB	3496767	7510339	96.39%	6.931%
55	10.877	1511	1520	1525	rBV	892569	1418498	18.20%	1.309%
56	11.030	1541	1546	1548	rBV2	206959	380990	4.89%	0.352%
57	11.142	1563	1565	1573	rVB5	115764	183488	2.35%	0.169%
58	11.236	1575	1581	1583	rVV5	133840	251408	3.23%	0.232%
59	11.266	1584	1586	1591	rVB2	181929	233402	3.00%	0.215%
60	11.442	1598	1616	1617	rBV	2471963	7791806	100.00%	7.190%
61	11.519	1625	1629	1636	rVB	2248118	2823384	36.24%	2.605%
62	11.636	1642	1649	1661	rVB3	989098	2651689	34.03%	2.447%
63	11.789	1670	1675	1679	rBV2	250414	432081	5.55%	0.399%
64	11.854	1680	1686	1694	rBV4	1101892	2785854	35.75%	2.571%
65	11.948	1695	1702	1707	rVB3	483080	1104747	14.18%	1.019%
66	12.130	1720	1733	1743	rVB2	1730945	4765817	61.16%	4.398%
67	12.224	1745	1749	1752	rBV2	124180	173446	2.23%	0.160%
68	12.360	1764	1772	1782	rBV2	499530	1630442	20.93%	1.505%
69	12.466	1787	1790	1794	rVB2	192019	241973	3.11%	0.223%
70	12.524	1794	1800	1804	rBV3	1209016	2073416	26.61%	1.913%
71	12.566	1804	1807	1812	rVV3	640079	1094611	14.05%	1.010%

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72	12.619	1812	1816	1820	rVB	1065096	1544915	19.83%	1.426%
73	12.913	1861	1866	1869	rBV3	338029	500493	6.42%	0.462%
74	12.960	1869	1874	1882	rVB2	882223	1266305	16.25%	1.169%
75	13.107	1894	1899	1904	rBV	549772	871370	11.18%	0.804%
76	13.366	1939	1943	1946	rBV	443249	621796	7.98%	0.574%
77	13.501	1962	1966	1971	rVB3	364053	531934	6.83%	0.491%
78	13.654	1987	1992	1993	rBV3	176046	272392	3.50%	0.251%
79	13.677	1994	1996	1999	rVB	221049	205239	2.63%	0.189%
80	13.848	2020	2025	2028	rVB	1027713	1235746	15.86%	1.140%
81	13.889	2028	2032	2039	rVB	961132	1397276	17.93%	1.289%
82	13.995	2045	2050	2055	rVB	481346	805370	10.34%	0.743%
83	14.124	2068	2072	2074	rBV2	156847	215593	2.77%	0.199%
84	14.342	2103	2109	2115	rVB	1975880	2891699	37.11%	2.669%
85	14.513	2134	2138	2141	rBV3	301172	512793	6.58%	0.473%
86	14.948	2204	2212	2214	rBV3	650841	1359635	17.45%	1.255%
87	15.577	2315	2319	2321	rBV4	291378	454193	5.83%	0.419%
88	15.671	2330	2335	2341	rVB	271331	487589	6.26%	0.450%
89	15.783	2350	2354	2359	rVB2	473336	661432	8.49%	0.610%
90	15.930	2374	2379	2382	rBV	978701	1177323	15.11%	1.086%
91	15.971	2382	2386	2392	rVV5	161612	395308	5.07%	0.365%
92	16.036	2393	2397	2403	rVB	530288	646349	8.30%	0.596%
93	16.359	2448	2452	2458	rBV5	111551	216467	2.78%	0.200%
94	16.959	2551	2554	2557	rVB	423553	380269	4.88%	0.351%
95	17.295	2606	2611	2615	rBV	1680742	1949092	25.01%	1.799%
96	17.924	2716	2718	2731	rVB7	225607	438856	5.63%	0.405%
97	18.106	2745	2749	2752	rVB	885994	987029	12.67%	0.911%
98	18.530	2818	2821	2826	rVB2	212723	249756	3.21%	0.230%
99	18.636	2836	2839	2846	rVB	446235	548030	7.03%	0.506%
100	20.306	3119	3123	3130	rVB	354972	424586	5.45%	0.392%

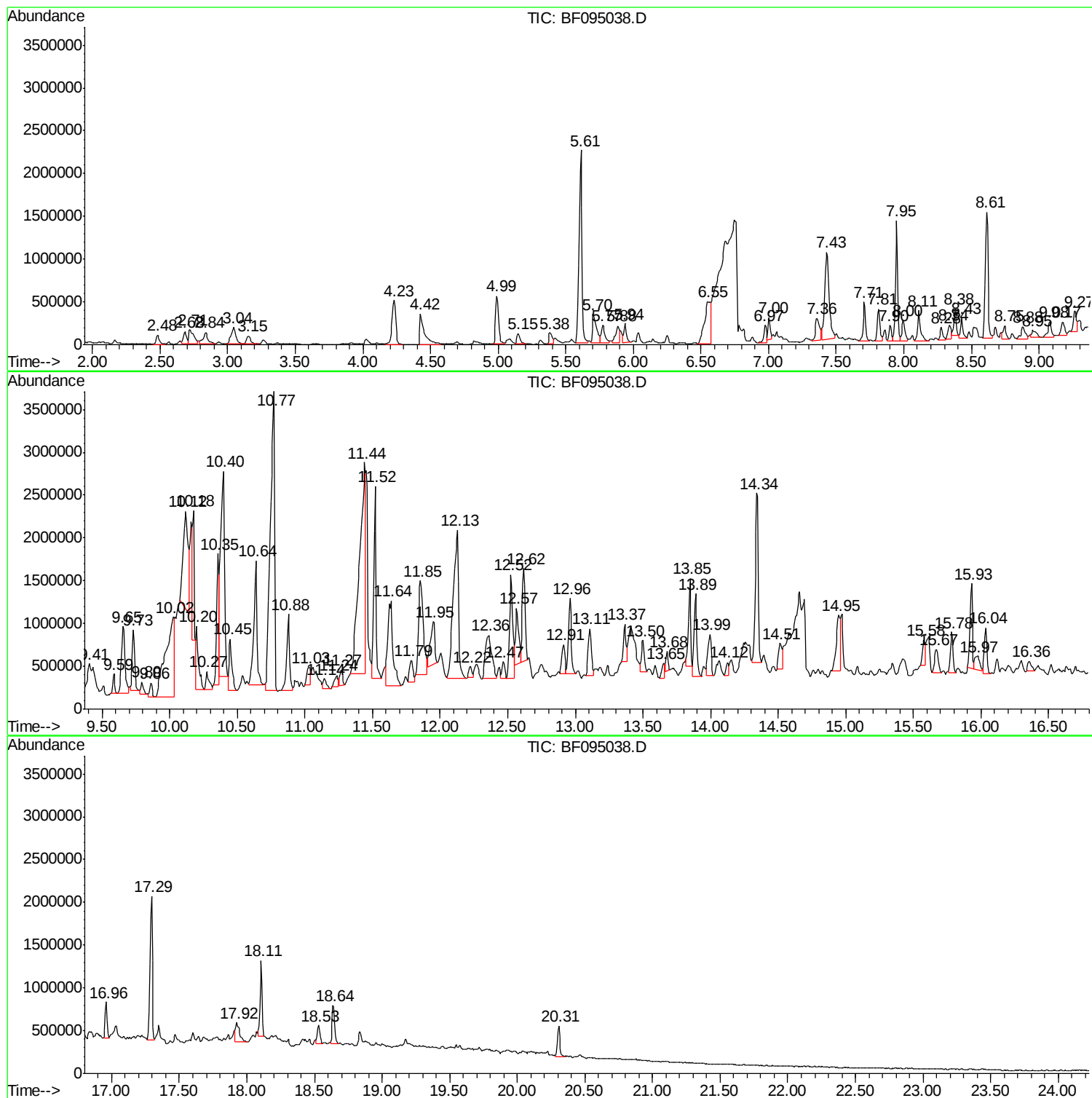
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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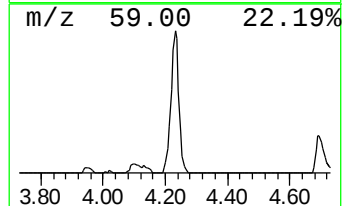
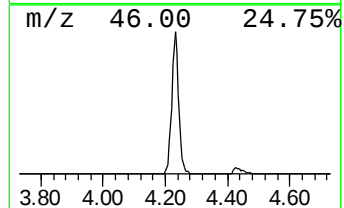
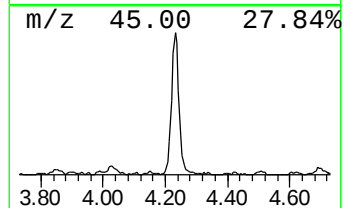
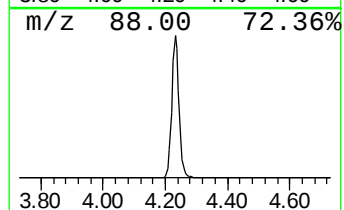
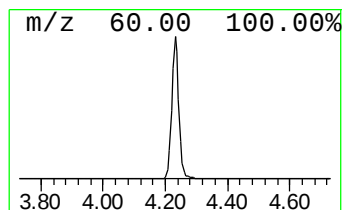
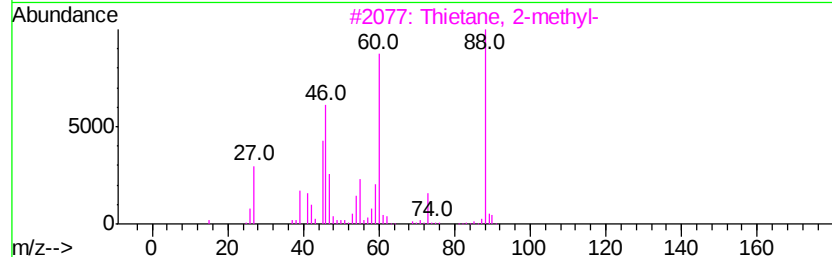
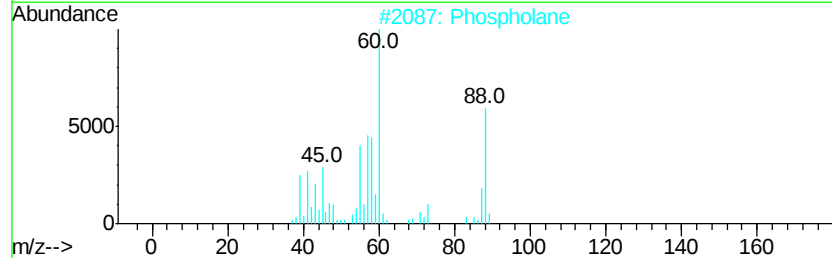
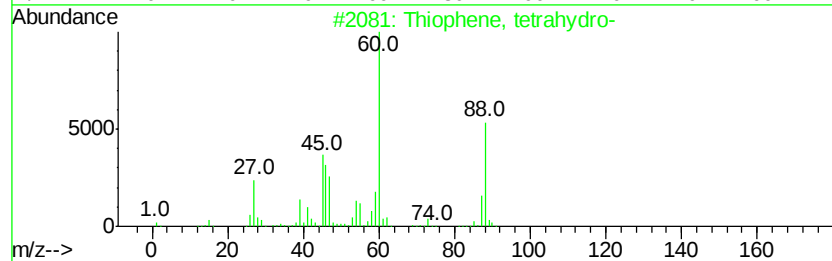
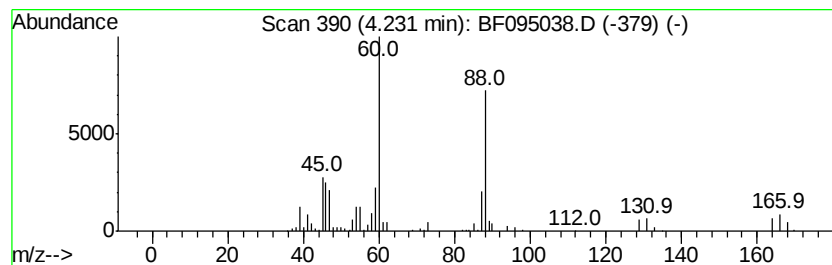
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Thiophene, tetrahydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	33.99 ng	961930	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	95
2		Phospholane	88	C4H9P	003466-00-0	64
3		Thietane, 2-methyl-	88	C4H8S	017837-41-1	49
4		1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	47
5		Ethylvinyl sulfide	88	C4H8S	000627-50-9	38



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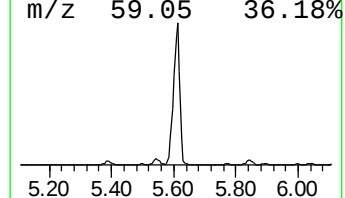
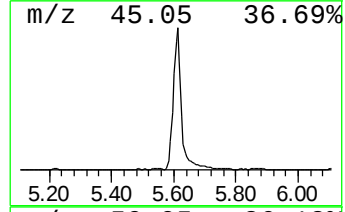
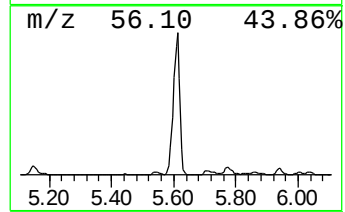
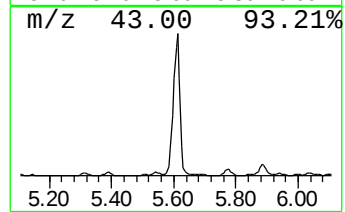
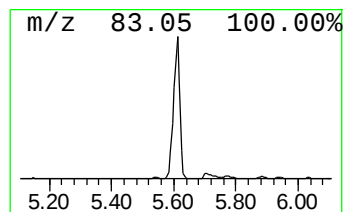
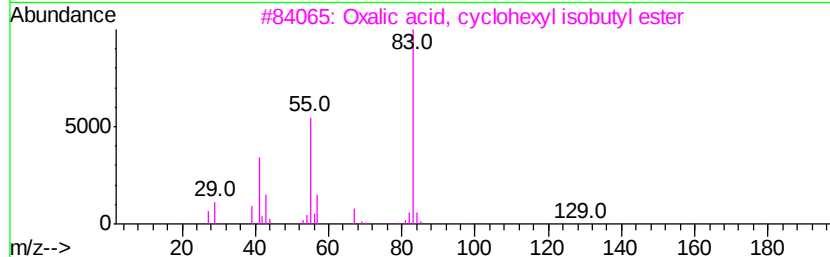
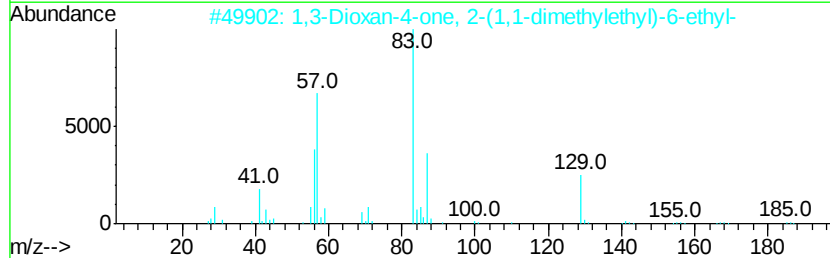
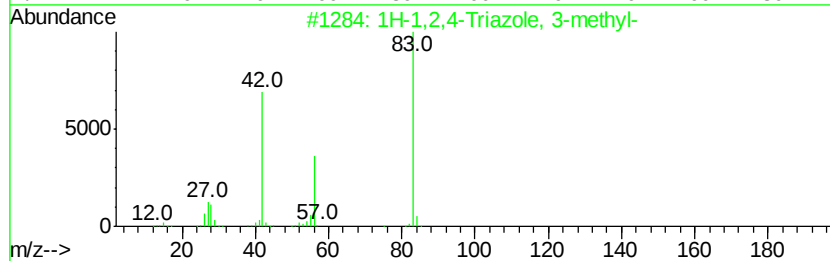
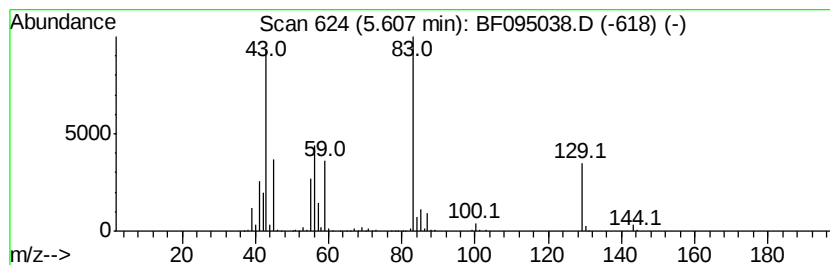
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.61 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	121.84 ng	3447860	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	37
2		1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	113505-80-9	36
3		Oxalic acid, cyclohexyl isobutyl...	228	C12H20O4	1000309-30-4	25
4		Oxalic acid, cyclohexyl butyl ester	228	C12H20O4	1000309-30-5	17
5		1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	17



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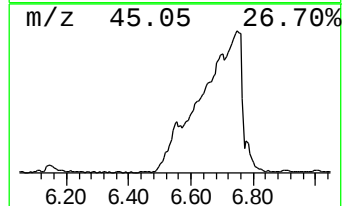
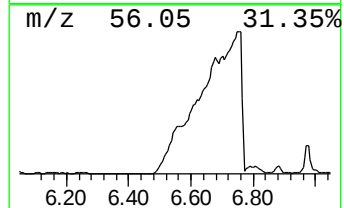
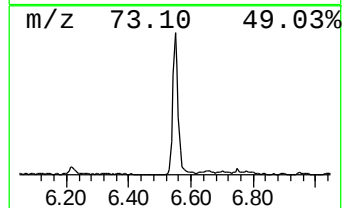
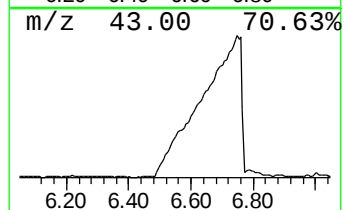
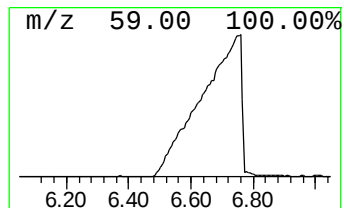
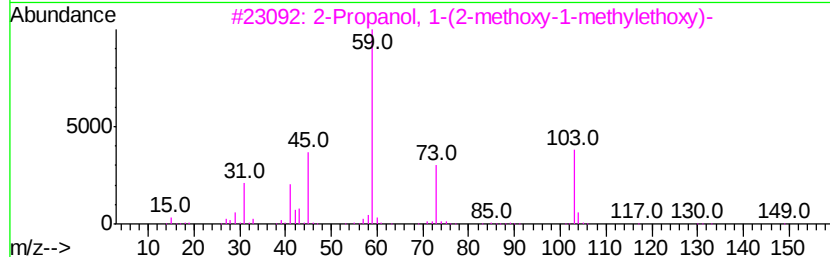
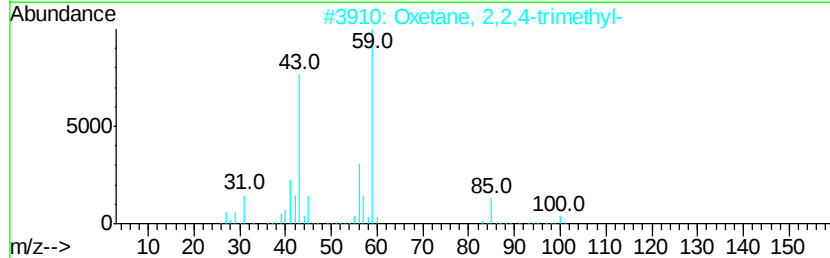
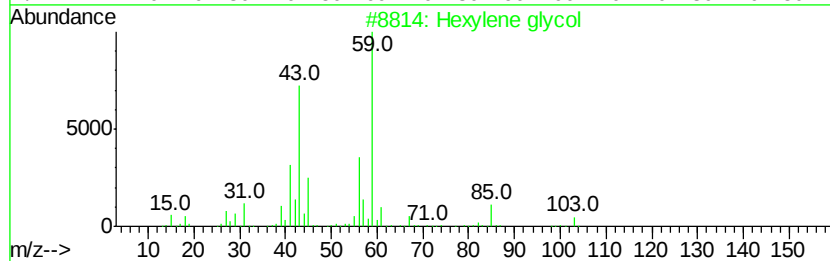
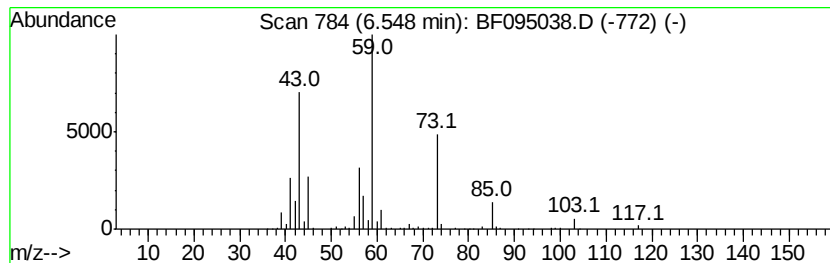
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexylene glycol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.55	55.26 ng	1563690	1,4-Dichlorobenzene-d4	7.71		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol		118	C6H14O2	000107-41-5	86
2	Oxetane, 2,2,4-trimethyl-		100	C6H12O	023120-44-7	59
3	2-Propanol, 1-(2-methoxy-1-methyl-...		148	C7H16O3	020324-32-7	53
4	3-Hexanol, 4-methyl-		116	C7H16O	000615-29-2	47
5	N,N-Dimethylformamide-di-t-butyl...		203	C11H25NO2	036805-97-7	45



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Data File : BF095038.D
Acq On : 9 May 2017 23:52
Operator : SJ/MA
Sample : I3035-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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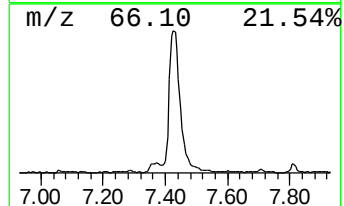
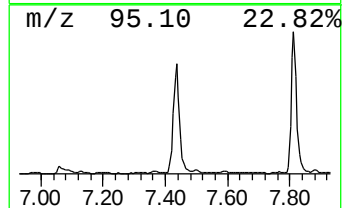
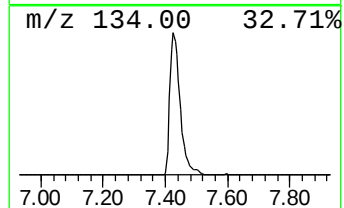
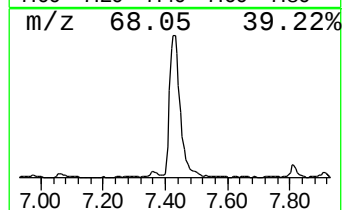
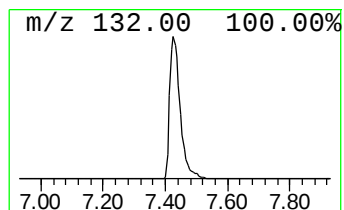
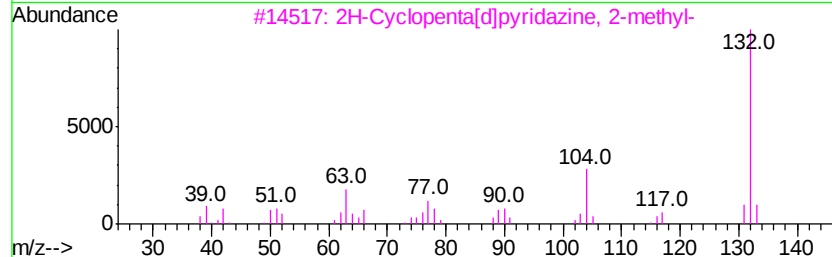
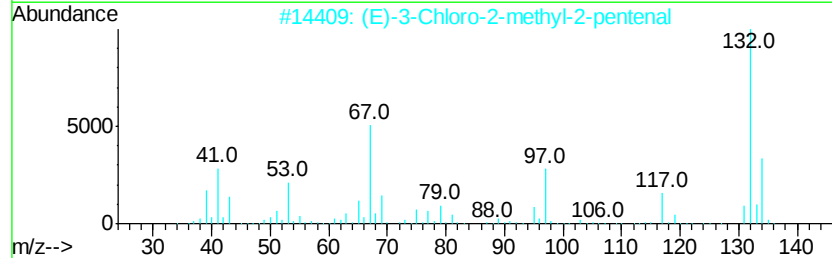
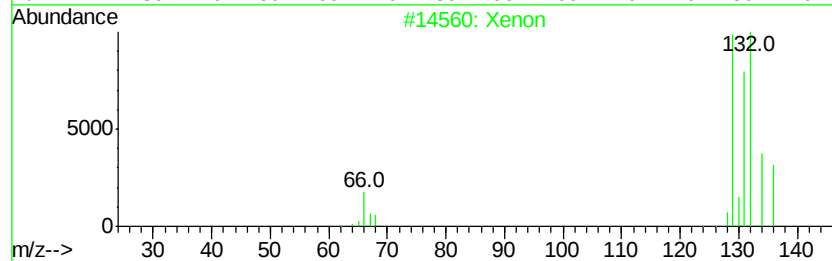
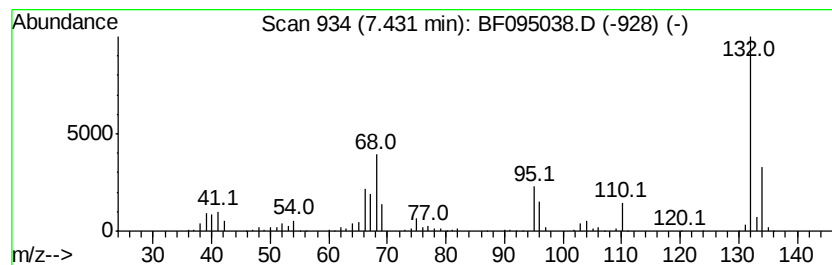
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	84.03 ng	2377960	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Xenon	132	Xe	007440-63-3	40
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		2H-Cyclopentaf[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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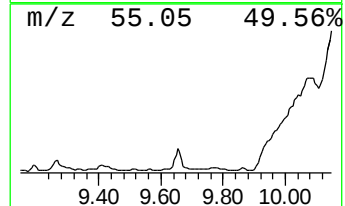
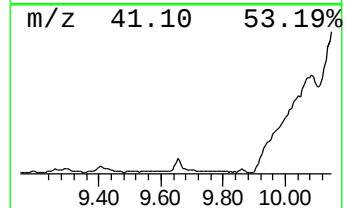
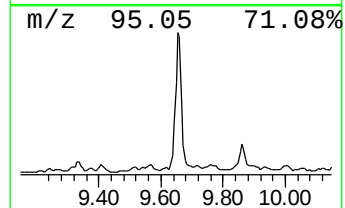
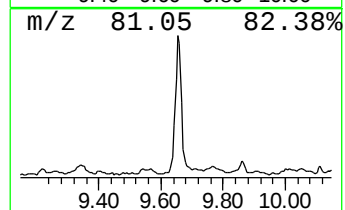
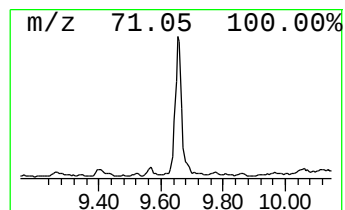
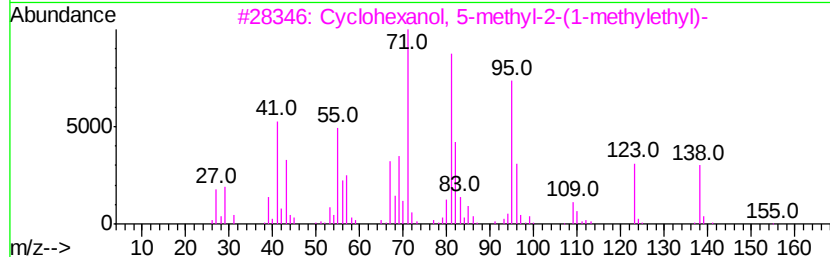
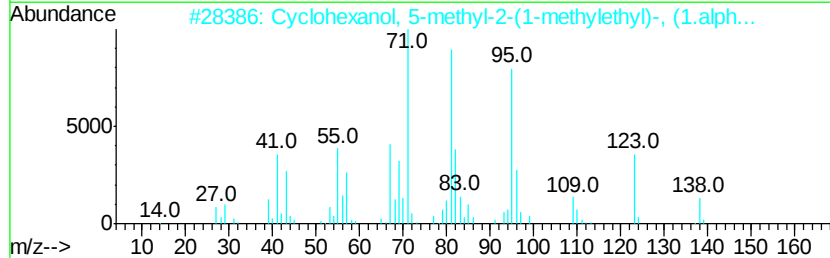
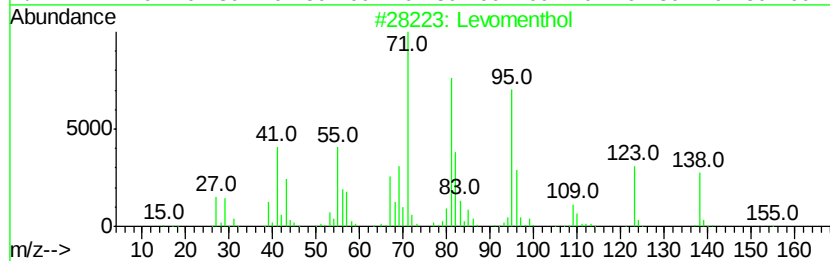
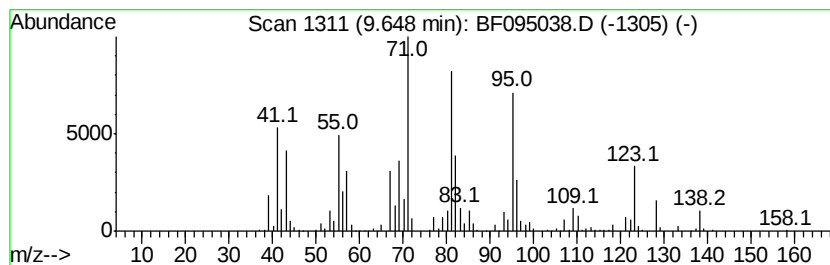
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Levomenthol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	31.47 ng	1383380	Napthalene-d8	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Levomenthol	156	C10H20O	002216-51-5	91
2		Cyclohexanol, 5-methyl-2-(1-methyl-2-ethyl-1-hydroxyethyl)-, (1S,2S,5S)-	156	C10H20O	015356-70-4	91
3		Cyclohexanol, 5-methyl-2-(1-methyl-2-ethyl-1-hydroxyethyl)-, (1R,2R,5R)-	156	C10H20O	001490-04-6	91
4		dl-Menthol	156	C10H20O	000089-78-1	91
5		d-Menthol	156	C10H20O	015356-60-2	90



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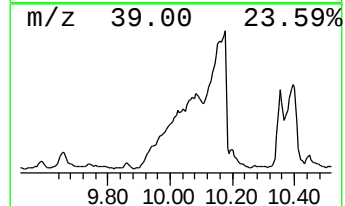
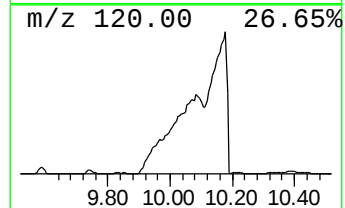
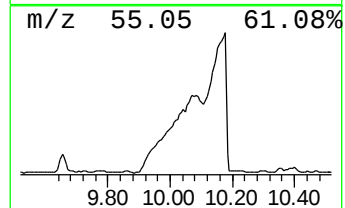
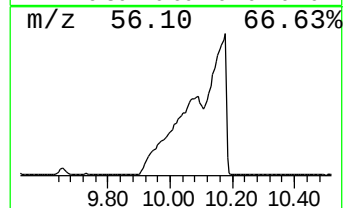
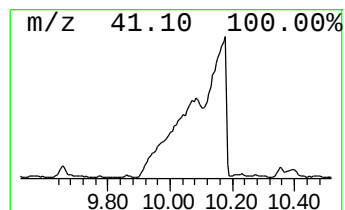
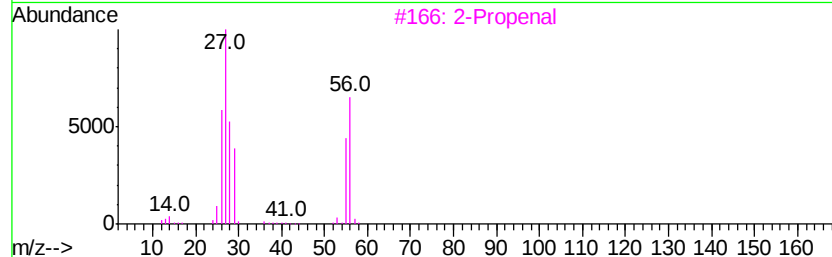
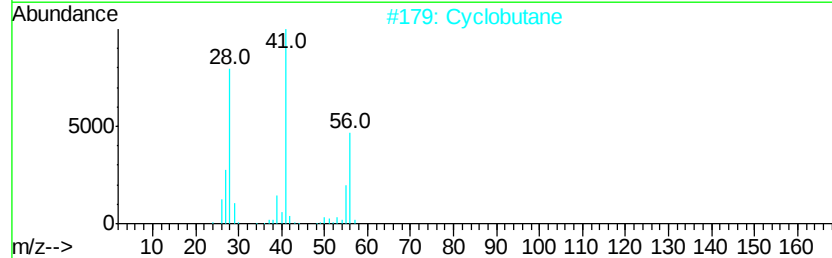
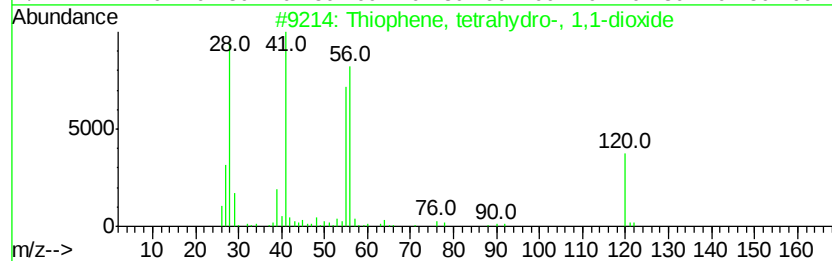
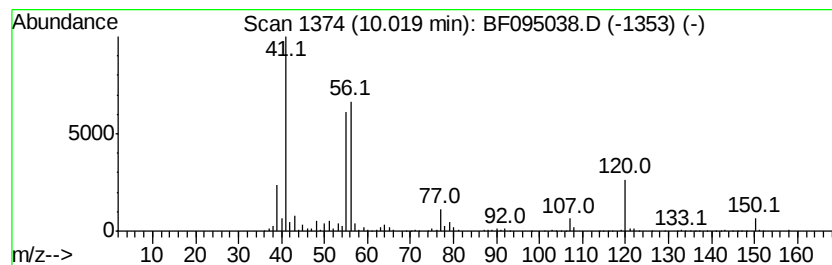
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Thiophene, tetrahydro-, 1,1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	98.57 ng	4332680	Napthalene-d8	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, tetrahydro-, 1,1-dioxide	120	C4H8O2S	000126-33-0	76
2		Cyclobutane	56	C4H8	000287-23-0	35
3		2-Propenal	56	C3H4O	000107-02-8	25
4		1-[Benzenesulfonyl]-2-methylazir...	197	C9H11NO2S	021384-00-9	23
5		2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	17



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Acq On : 9 May 2017 23:52
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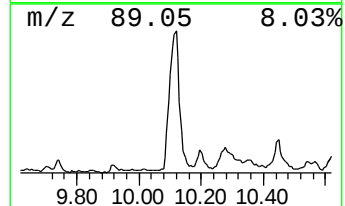
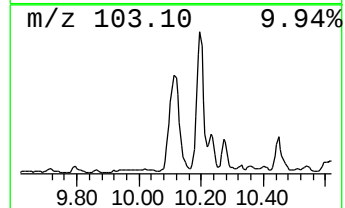
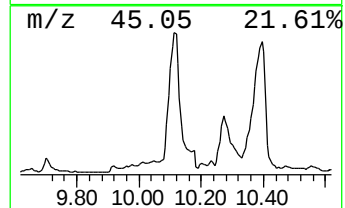
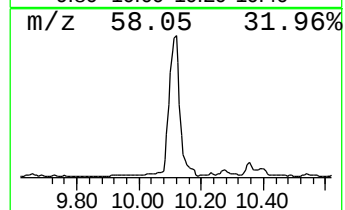
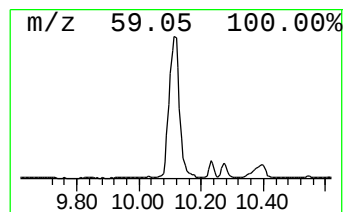
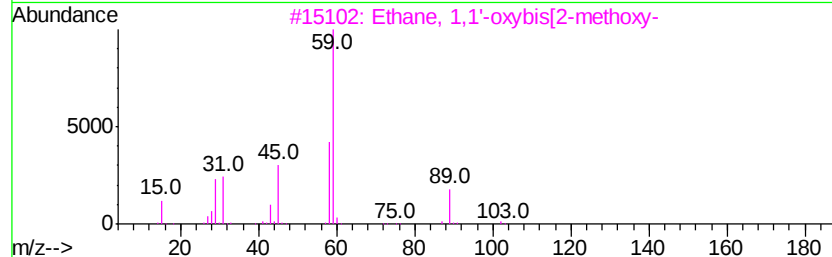
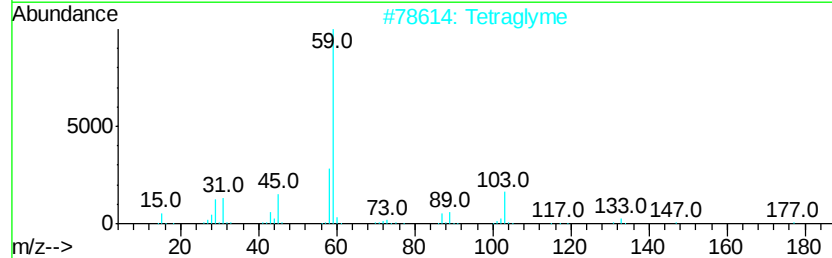
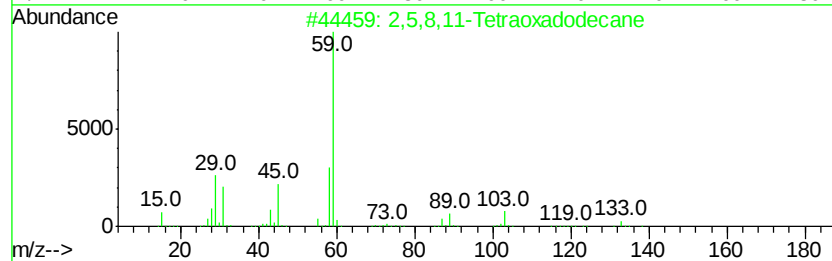
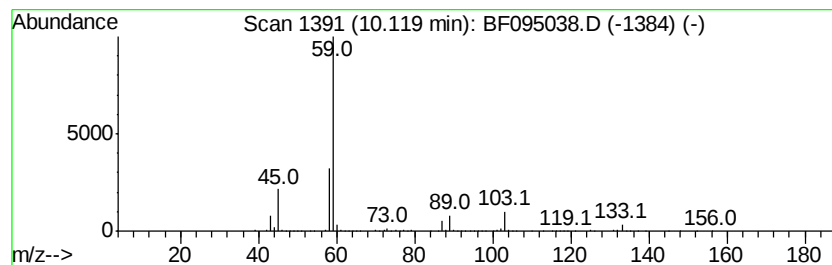
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	66.13 ng	2906790	Naphthalene-d8	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	83
2		Tetraglyme	222	C10H22O5	000143-24-8	72
3		Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	64
4		2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	56
5		Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	50



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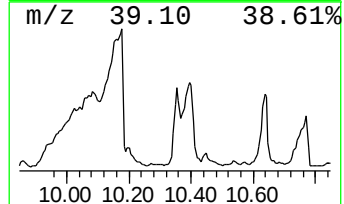
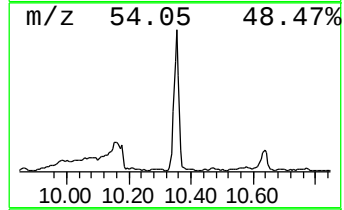
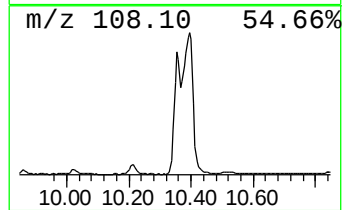
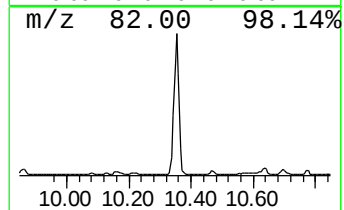
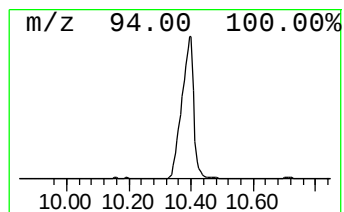
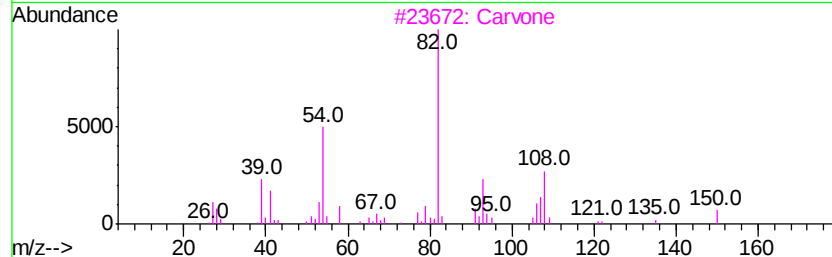
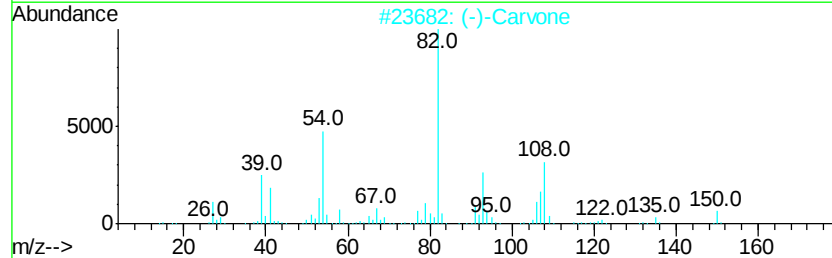
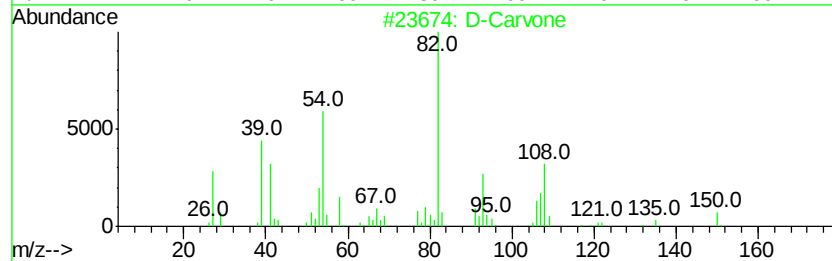
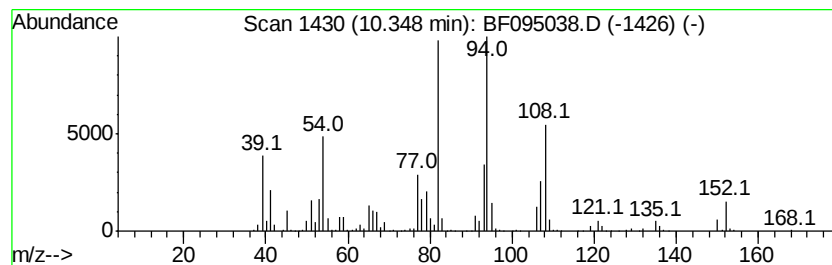
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 D-Carvone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	48.73 ng	2141930	Napthalene-d8	9.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Carvone	150 C10H14O	002244-16-8	55
2	(-)-Carvone	150 C10H14O	006485-40-1	55
3	Carvone	150 C10H14O	000099-49-0	43
4	1-Phenoxypropan-2-ol	152 C9H12O2	000770-35-4	42
5	1-Propanol, 3-phenoxy-	152 C9H12O2	006180-61-6	30



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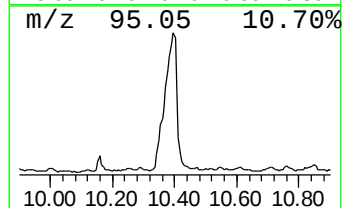
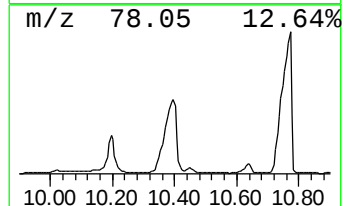
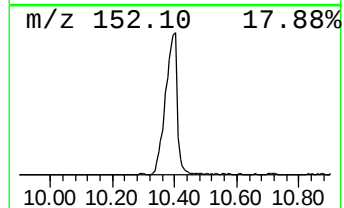
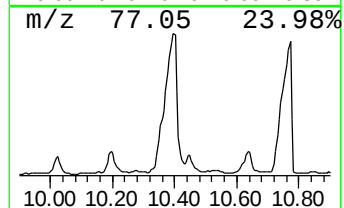
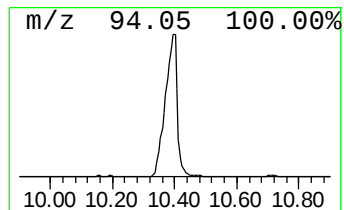
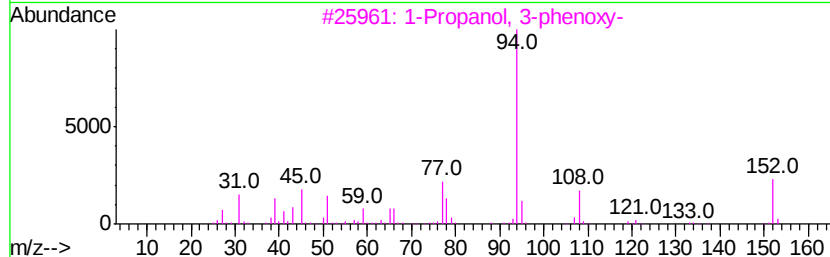
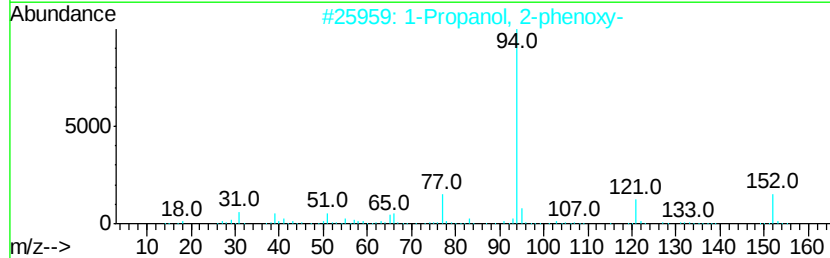
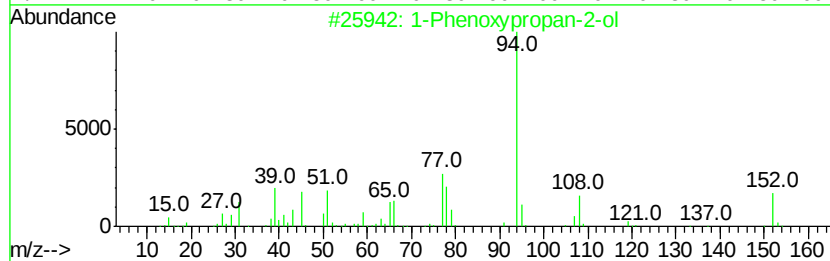
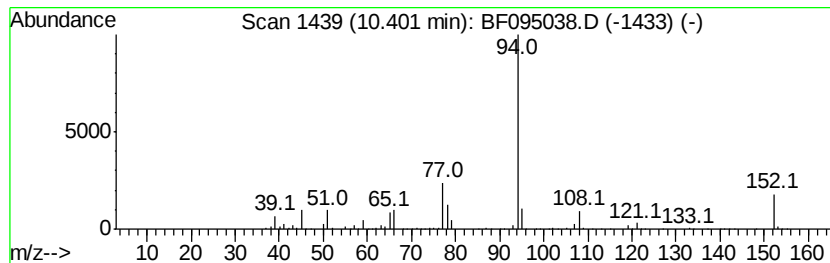
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.	
10.40	112.38 ng	4939490	Napthalene-d8	9.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
2	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	72
3	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	64
4	Benzene, propoxy-	136	C9H12O	000622-85-5	53
5	Benzene, butoxy-	150	C10H14O	001126-79-0	53



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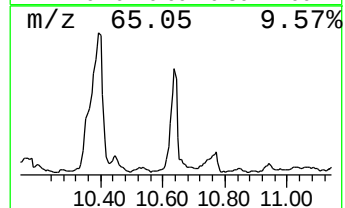
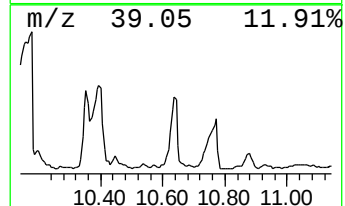
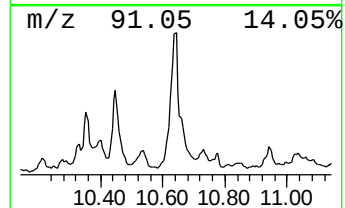
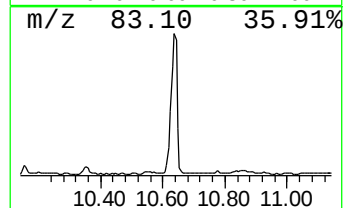
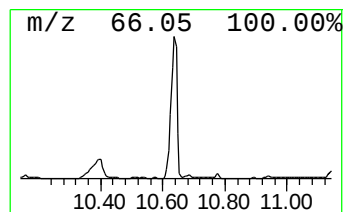
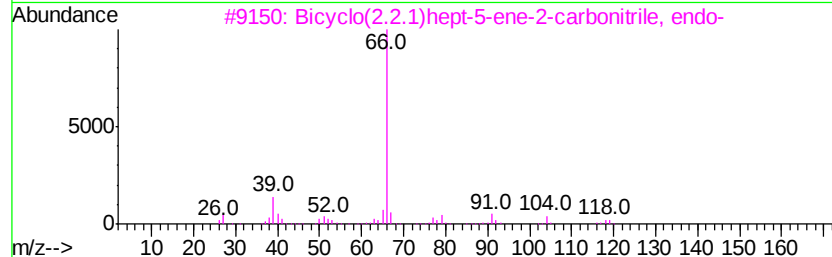
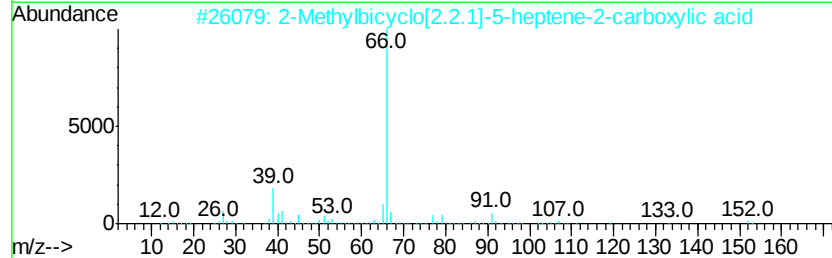
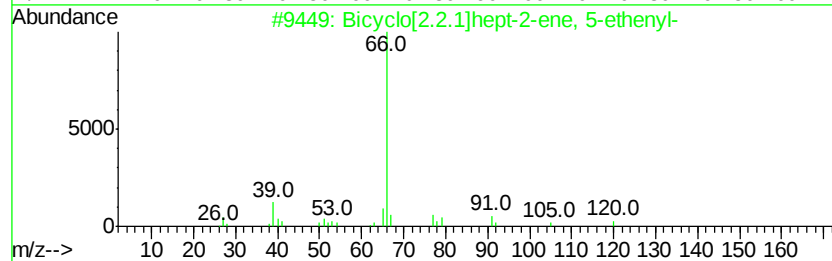
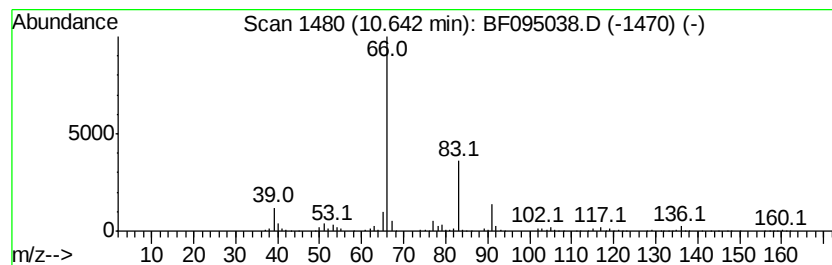
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ClientSampleId :
DRUM-COMP-(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Bicyclo[2.2.1]hept-2-ene, 5... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	58.00 ng	2549550	Naphthalene-d8	9.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[2.2.1]hept-2-ene, 5-ethenyl-	120 C9H12	003048-64-4 78
2		2-Methylbicyclo[2.2.1]-5-heptene...	152 C9H12O2	000825-03-6 78
3		Bicyclo(2.2.1)hept-5-ene-2-carboxylic acid	119 C8H9N	002888-90-6 78
4		Bicyclo[2.2.1]hept-5-ene-2-carbonitrile, endo-	119 C8H9N	000095-11-4 78
5		5-Norbornene-2,3-diacetonitrile	172 C11H12N2	101832-55-7 78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095038.D
Acq On : 9 May 2017 23:52
Operator : SJ/MA
Sample : I3035-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-(1-5)

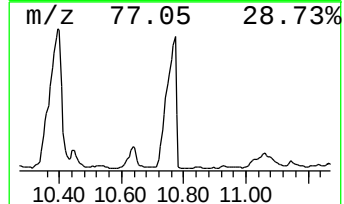
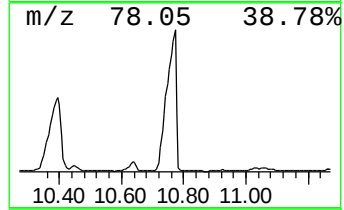
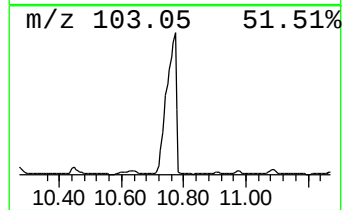
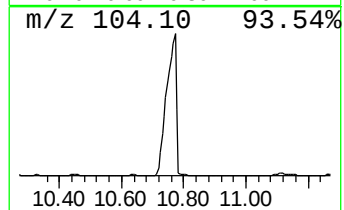
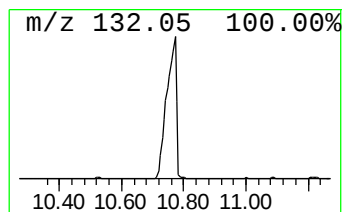
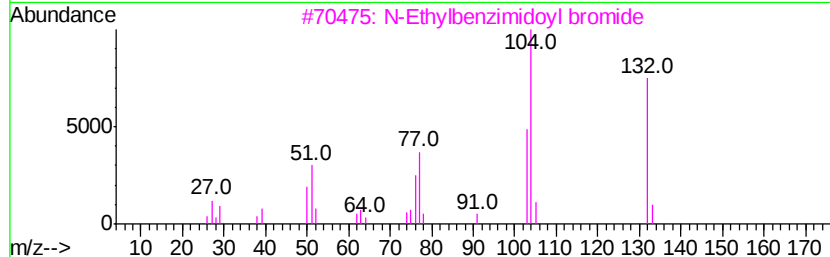
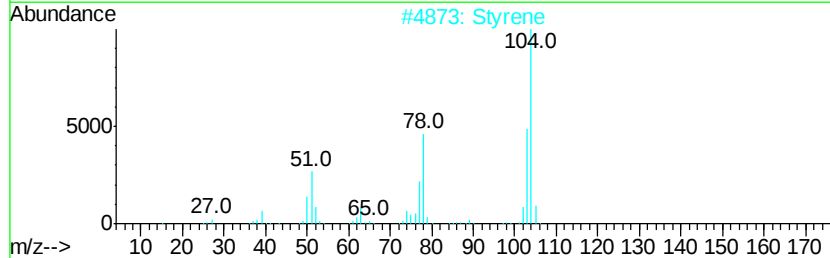
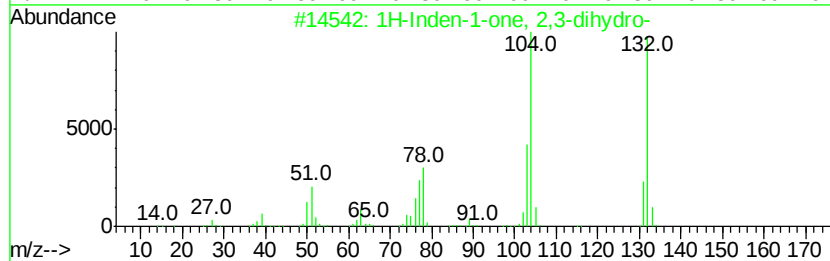
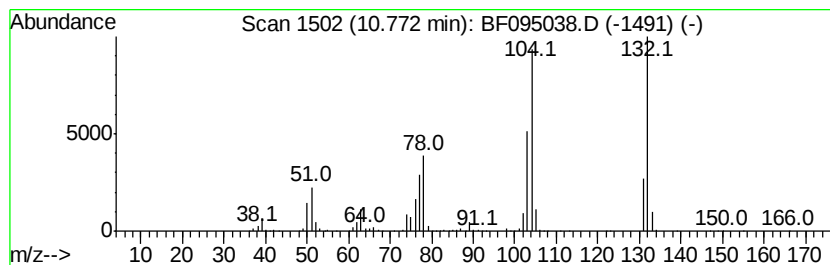
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	170.87 ng	7510340	Napthalene-d8	9.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	98
2		Styrene	104	C8H8	000100-42-5	90
3		N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	72
4		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
5		Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	64



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Acq On : 9 May 2017 23:52
Operator : SJ/MA
Sample : I3035-01
Misc :
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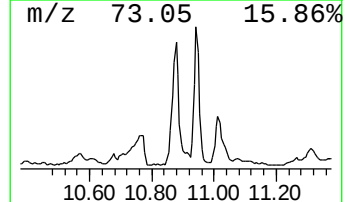
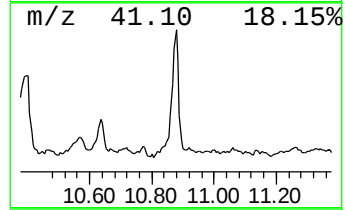
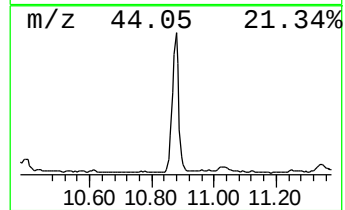
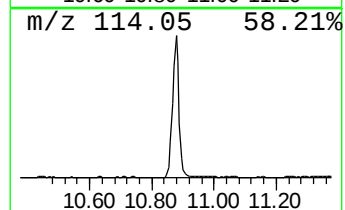
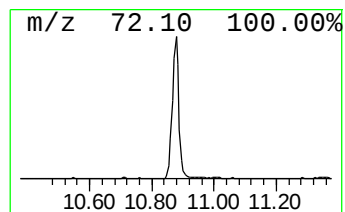
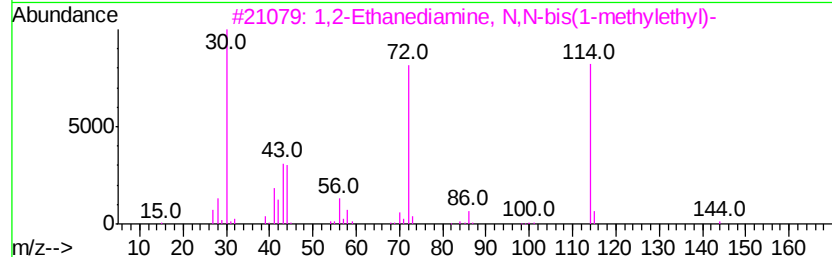
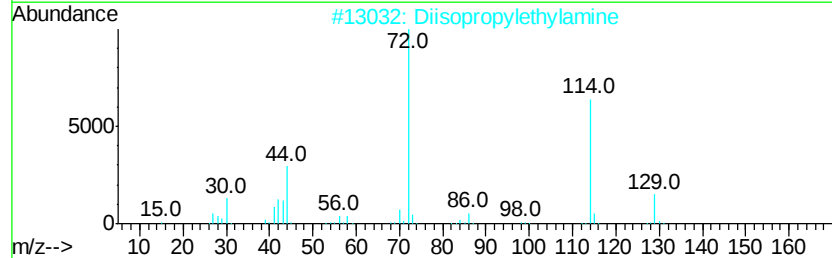
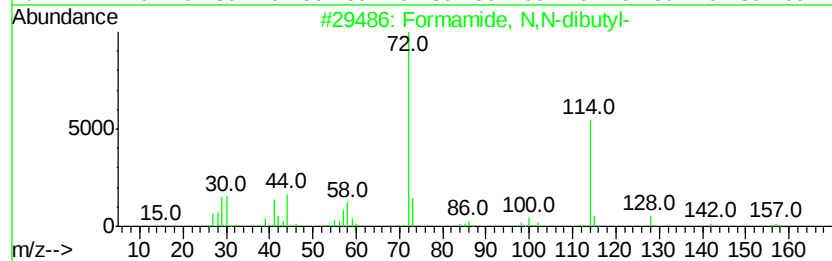
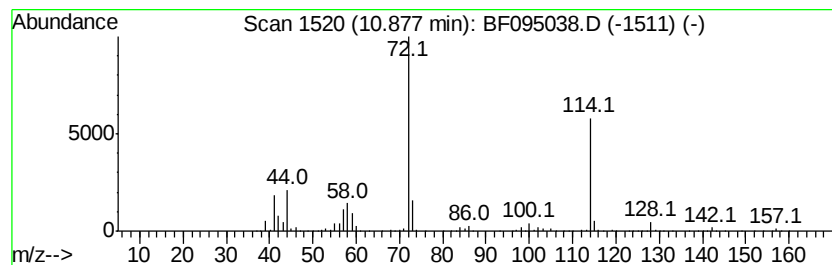
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Formamide, N,N-dibutyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	32.27 ng	1418500	Napthalene-d8	9.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Formamide, N,N-dibutyl-	157 C9H19NO	000761-65-9 74
2		Diisopropylethylamine	129 C8H19N	007087-68-5 59
3		1,2-Ethanediamine, N,N-bis(1-met...	144 C8H20N2	000121-05-1 50
4		Dimepheptanol	311 C21H29NO	000545-90-4 38
5		Dimethyl(2-octyl)amine	157 C10H23N	007378-97-4 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050917\
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ALS Vial : 15 Sample Multiplier: 1

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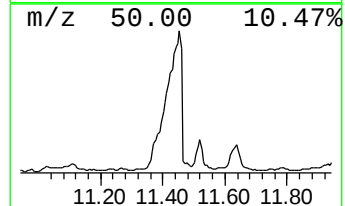
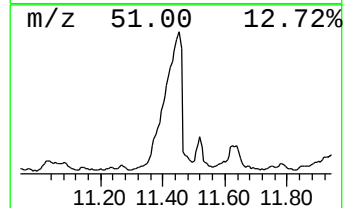
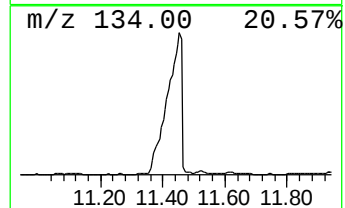
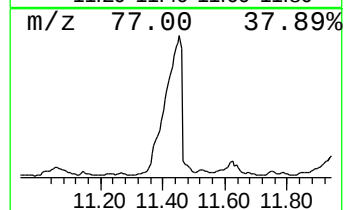
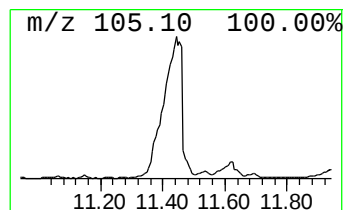
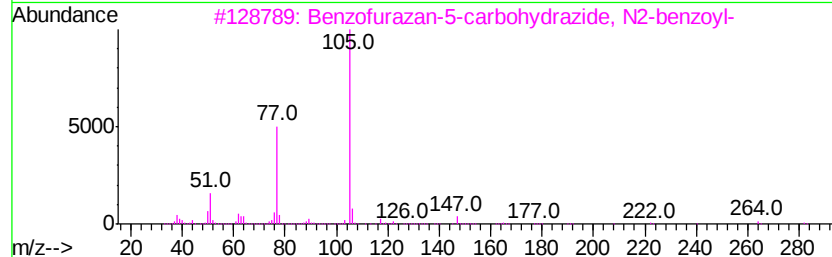
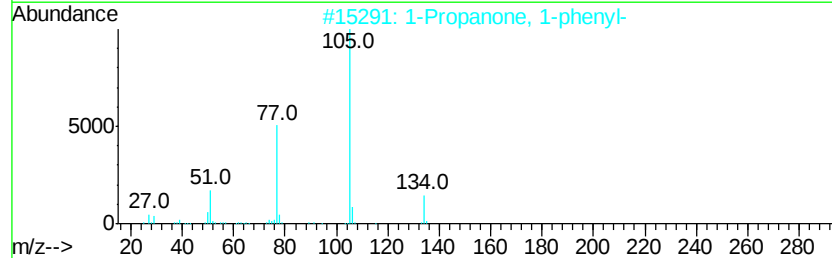
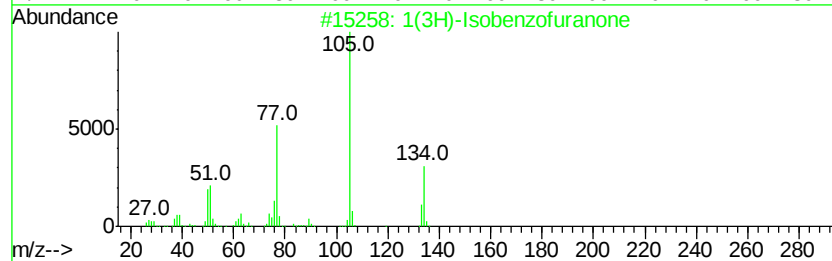
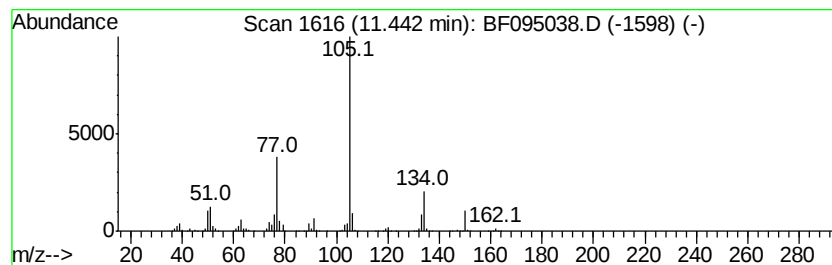
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1(3H)-Isobenzofuranone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	142.37 ng	7791810	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	76
2		1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	53
3		Benzofurazan-5-carbohydrazide, N...	282	C14H10N4O3	1000272-94-4	47
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	47
5		1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
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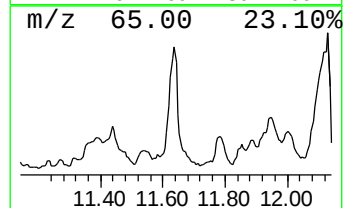
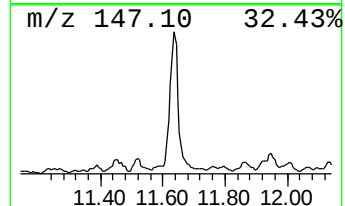
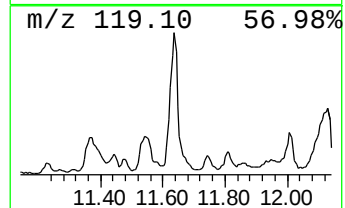
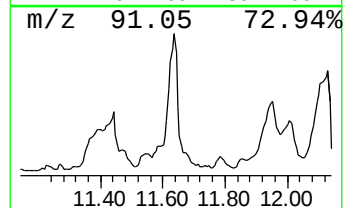
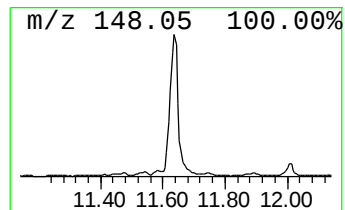
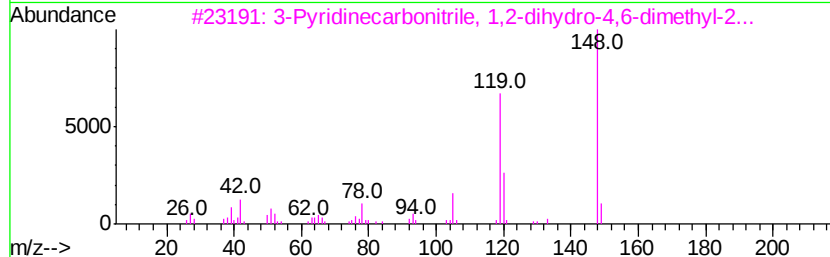
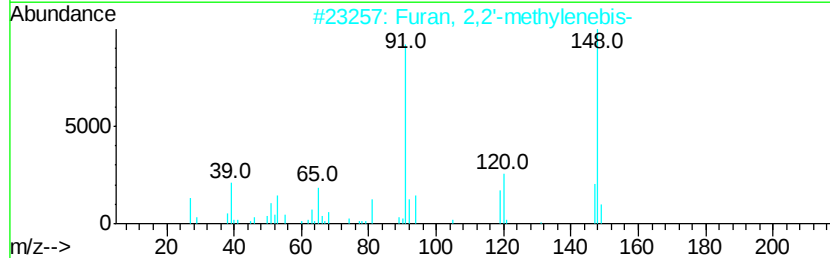
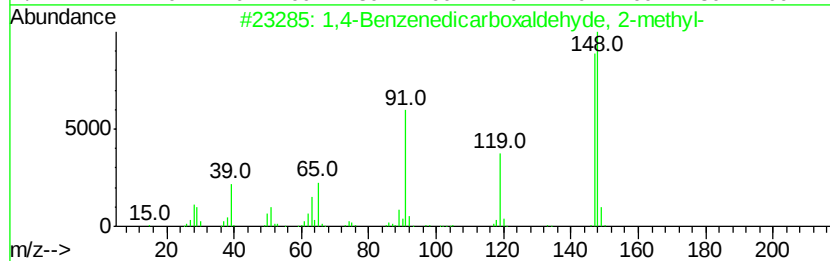
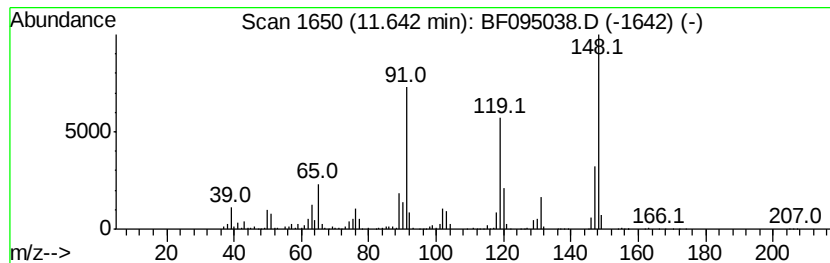
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,4-Benzenedicarboxaldehyde... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	48.45 ng	2651690	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	86
2		Furan, 2,2'-methylenebis-	148	C9H8O2	001197-40-6	52
3		3-Pyridinecarbonitrile, 1,2-dihv...	148	C8H8N2O	000769-28-8	47
4		Indole-2-one, 2,3-dihydro-6-amino-	148	C8H8N2O	150544-04-0	46
5		3H-Indazol-3-one, 1,2-dihydro-1-...	148	C8H8N2O	001006-19-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
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ClientSampleId :
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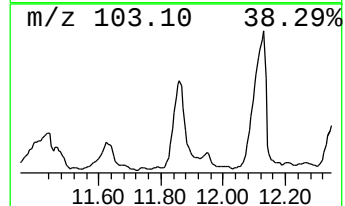
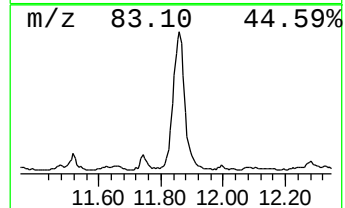
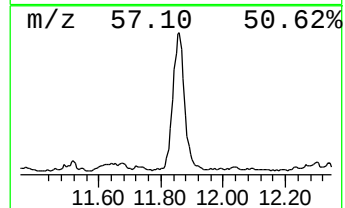
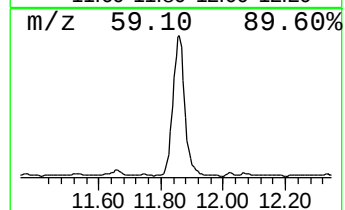
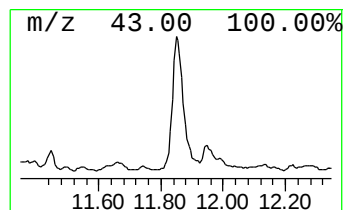
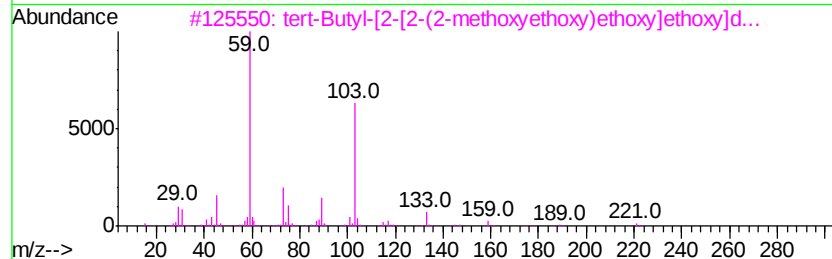
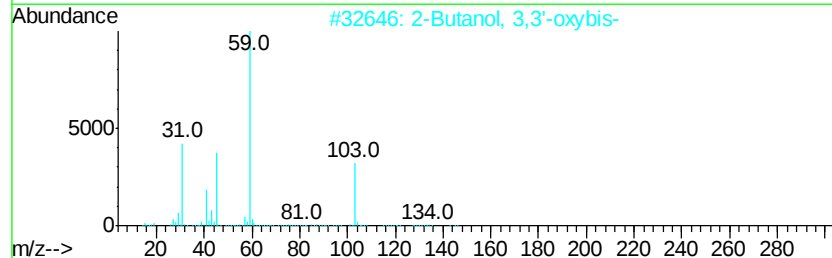
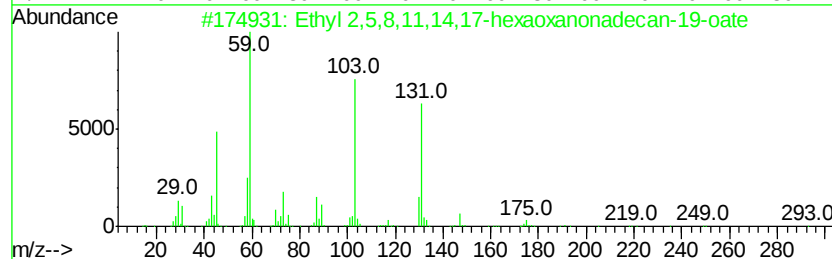
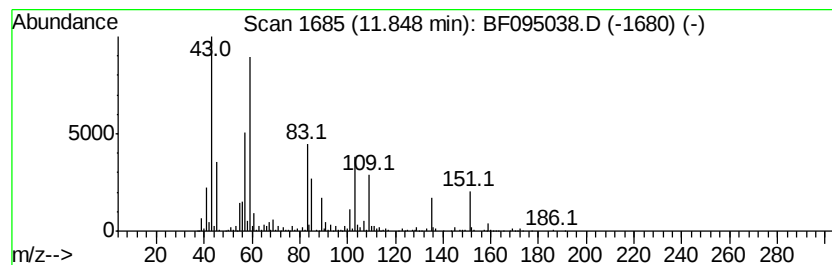
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown11.85 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	50.90 ng	2785850	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl 2,5,8,11,14,17-hexaoxanona...	338	C15H30O8	1000366-80-6	43
2		2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	43
3		tert-Butyl-[2-[2-(2-methoxyethoxy)...	278	C13H30O4Si	1000352-09-5	38
4		1-Ethoxypentan-3-ol	132	C7H16O2	100910-92-7	38
5		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	35



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ALS Vial : 15 Sample Multiplier: 1

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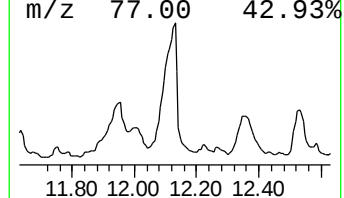
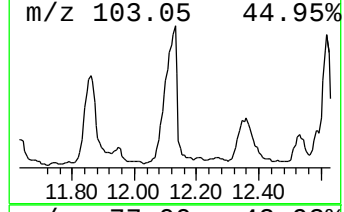
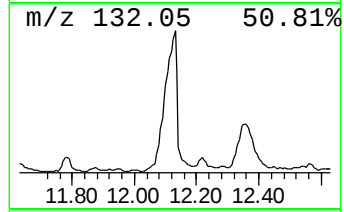
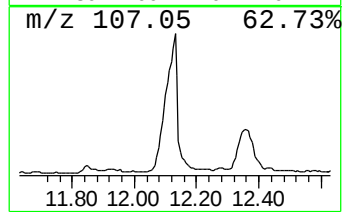
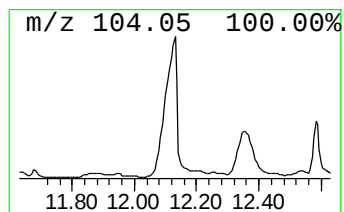
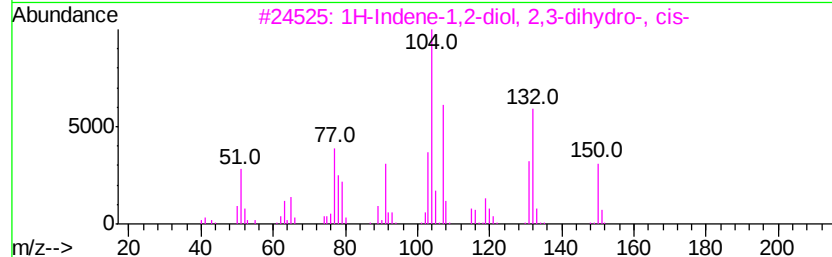
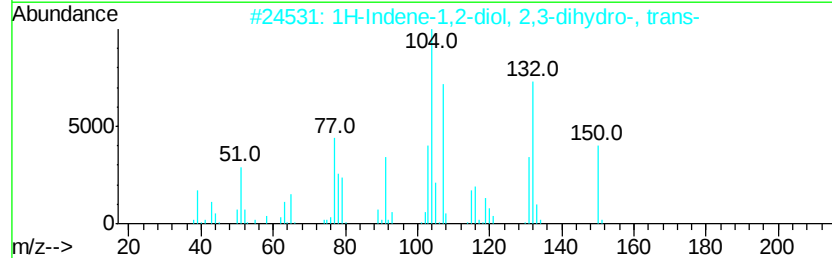
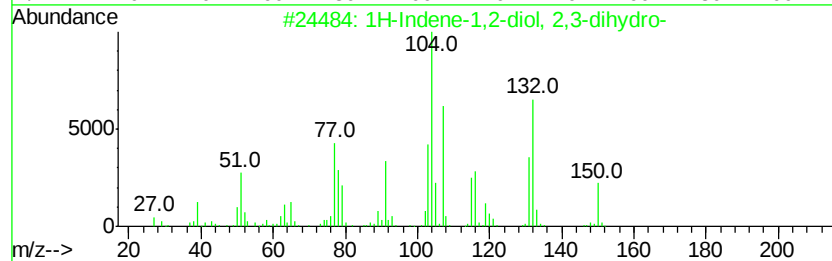
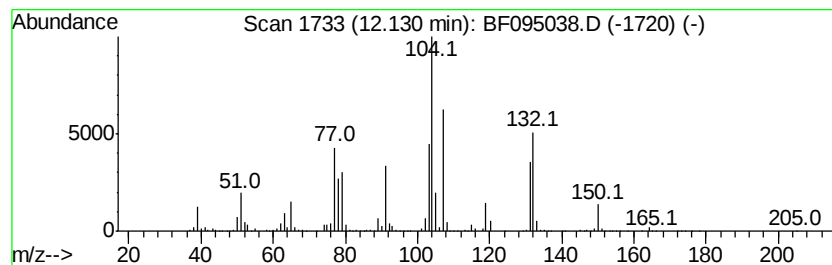
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1H-Indene-1,2-diol, 2,3-dih... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	87.08 ng	4765820	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene-1,2-diol, 2,3-dihydro-	150	C9H10O2	004370-02-9	91
2		1H-Indene-1,2-diol, 2,3-dihydro-...	150	C9H10O2	004647-43-2	90
3		1H-Indene-1,2-diol, 2,3-dihydro-...	150	C9H10O2	004647-42-1	90
4		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	55
5		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050917\
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Sample : I3035-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
DRUM-COMP-(1-5)

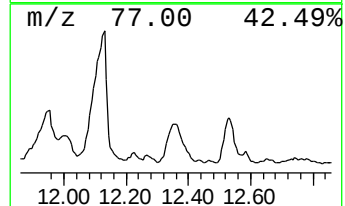
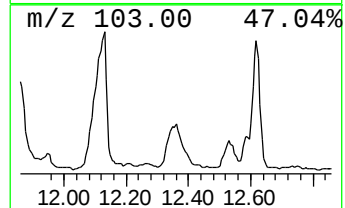
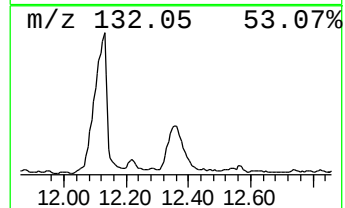
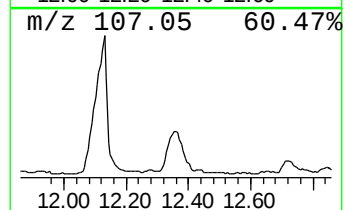
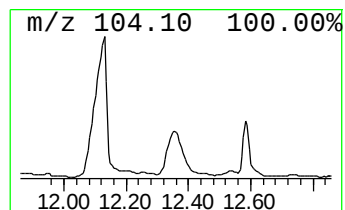
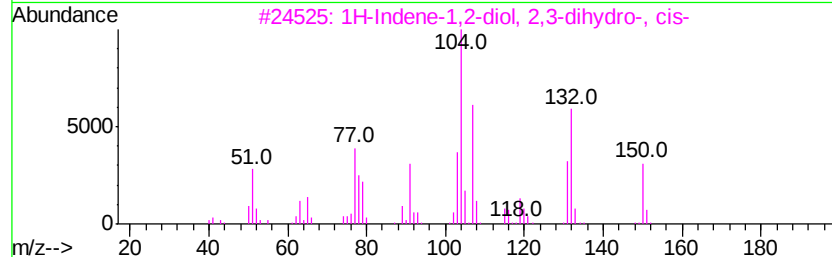
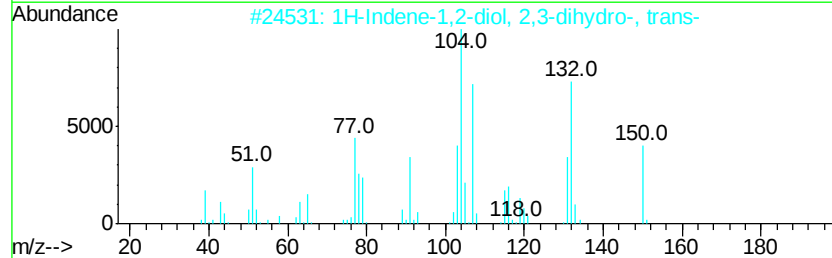
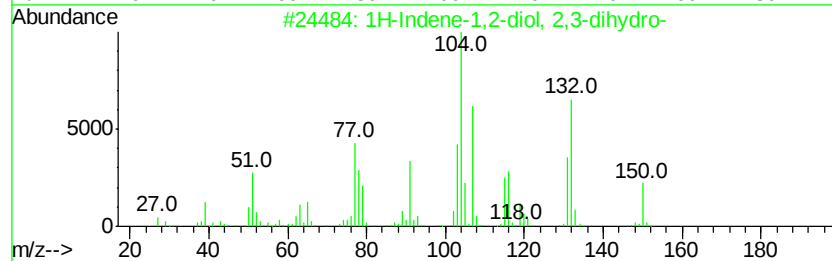
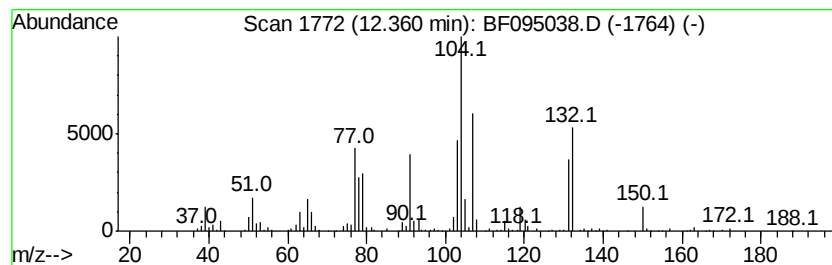
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1H-Indene-1,2-diol, 2,3-dih... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	29.79 ng	1630440	Acenaphthene-d10	12.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene-1,2-diol, 2,3-dihydro-	150	C9H10O2	004370-02-9	91
2		1H-Indene-1,2-diol, 2,3-dihydro-...	150	C9H10O2	004647-43-2	87
3		1H-Indene-1,2-diol, 2,3-dihydro-...	150	C9H10O2	004647-42-1	86
4		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	64
5		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050917\
Data File : BF095038.D
Acq On : 9 May 2017 23:52
Operator : SJ/MA
Sample : I3035-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-(1-5)

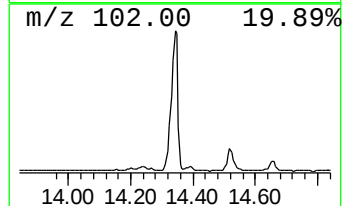
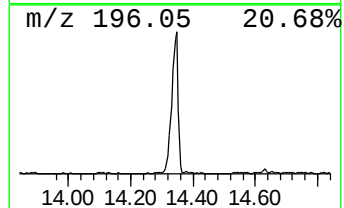
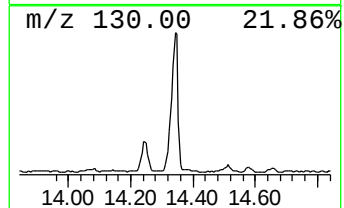
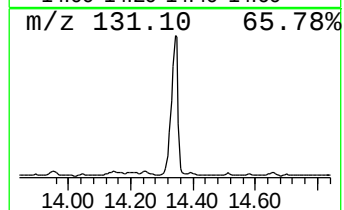
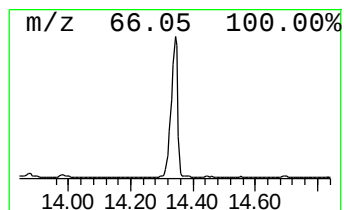
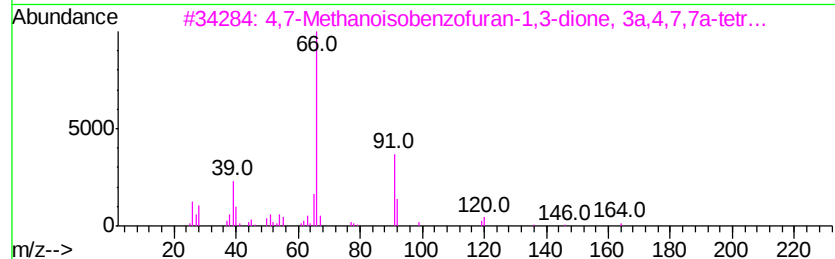
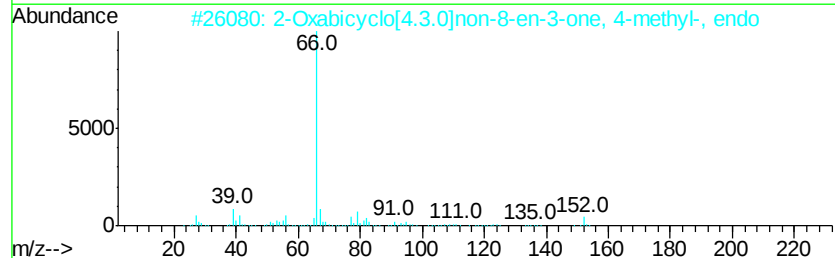
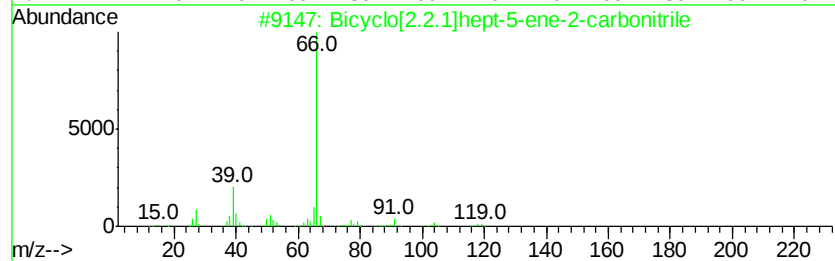
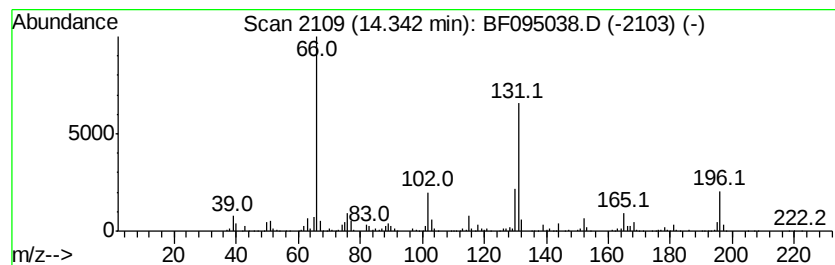
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
14.34	42.54 ng	2891700	Phenanthrene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	53
2		2-Oxabicyclo[4.3.0]non-8-en-3-on...	152	C9H12O2	1000153-22-2	42
3		4,7-Methanoisobenzofuran-1,3-dio...	164	C9H8O3	000826-62-0	42
4		1,3,4-Metheno-1H-cyclobuta[cd]pe...	132	C10H12	006707-88-6	42
5		Propanedinitrile	66	C3H2N2	000109-77-3	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050917\
Data File : BF095038.D
Acq On : 9 May 2017 23:52
Operator : SJ/MA
Sample : I3035-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-(1-5)

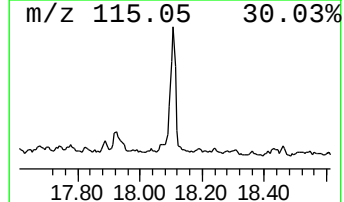
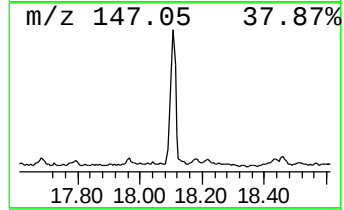
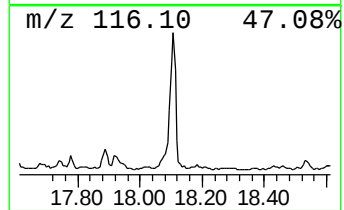
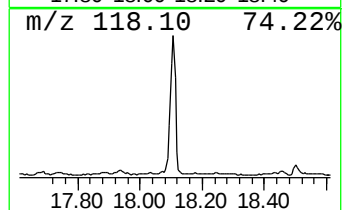
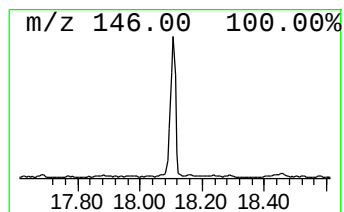
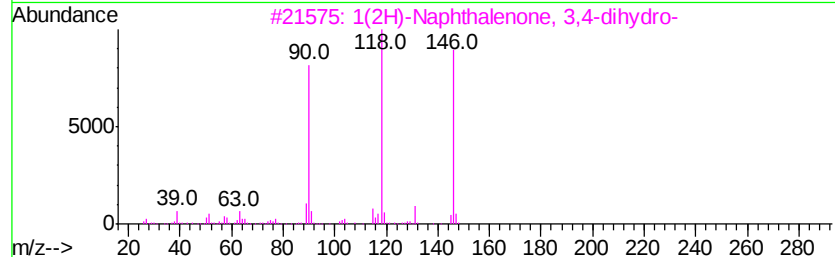
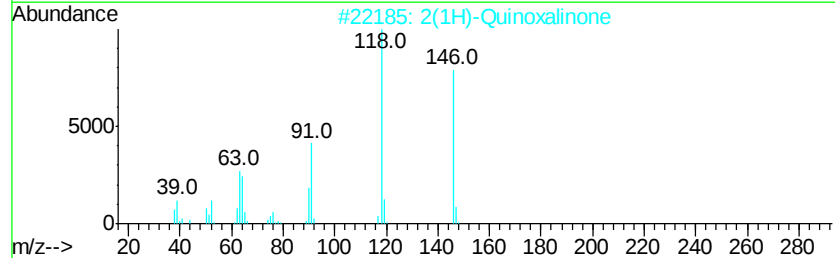
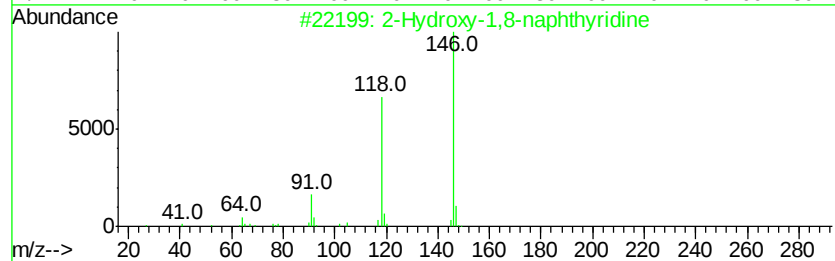
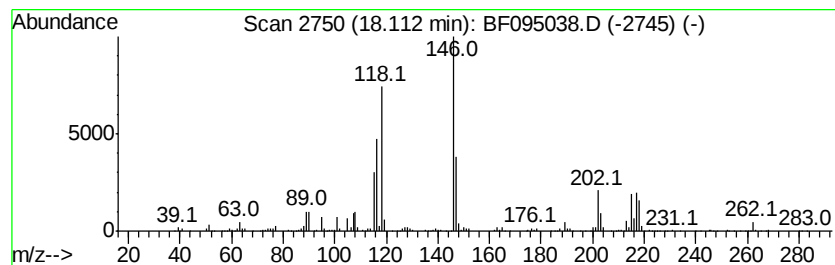
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Hydroxy-1,8-naphthyridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	36.02 ng	987029	Chrysene-d12	18.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-1,8-naphthyridine	146	C8H6N2O	015936-09-1	49
2		2(1H)-Quinoxalinone	146	C8H6N2O	001196-57-2	47
3		1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	47
4		1,4-Epoxy-naphthalene, 1,2,3,4-tetra-	146	C10H10O	035185-96-7	38
5		2(1H)-Quinazolinone	146	C8H6N2O	007471-58-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050917\
 Data File : BF095038.D
 Acq On : 9 May 2017 23:52
 Operator : SJ/MA
 Sample : I3035-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-(1-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
Thiophene, tetrah...	4.23	34.0	ng	961930	1	7.71	565969	20.0
unknown5.61	5.61	121.8	ng	3447860	1	7.71	565969	20.0
Hexylene glycol	6.55	55.3	ng	1563690	1	7.71	565969	20.0
unknown7.43	7.43	84.0	ng	2377960	1	7.71	565969	20.0
Levomenthol	9.65	31.5	ng	1383380	2	9.73	879084	20.0
Thiophene, tetrah...	10.02	98.6	ng	4332680	2	9.73	879084	20.0
2,5,8,11-Tetraoxa...	10.12	66.1	ng	2906790	2	9.73	879084	20.0
D-Carvone	10.35	48.7	ng	2141930	2	9.73	879084	20.0
1-Phenoxypropan-2-ol	10.40	112.4	ng	4939490	2	9.73	879084	20.0
Bicyclo[2.2.1]hep...	10.64	58.0	ng	2549550	2	9.73	879084	20.0
1H-Inden-1-one, 2...	10.77	170.9	ng	7510340	2	9.73	879084	20.0
Formamide, N,N-di...	10.88	32.3	ng	1418500	2	9.73	879084	20.0
1(3H)-Isobenzofur...	11.44	142.4	ng	7791810	3	12.57	1094610	20.0
1,4-Benzenedicarb...	11.64	48.5	ng	2651690	3	12.57	1094610	20.0
unknown11.85	11.85	50.9	ng	2785850	3	12.57	1094610	20.0
1H-Indene-1,2-dio...	12.13	87.1	ng	4765820	3	12.57	1094610	20.0
1H-Indene-1,2-dio...	12.36	29.8	ng	1630440	3	12.57	1094610	20.0
Bicyclo[2.2.1]hep...	14.34	42.5	ng	2891700	4	14.97	1359640	20.0
2-Hydroxy-1,8-nap...	18.11	36.0	ng	987029	5	18.64	548030	20.0