

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122815\
 Data File : BM003823.D
 Acq On : 28 Dec 2015 11:37
 Operator : UM/SJ
 Sample : G4956-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 W-34

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_M\METHODS\8270-BM120915.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	4.799	286	291	307	rBV	145087	204331	7.07%	0.876%
2	5.275	366	372	379	rBV	176063	249035	8.61%	1.068%
3	6.875	637	644	654	rBV	128274	215035	7.44%	0.922%
4	7.216	696	702	710	rBV	366498	583306	20.18%	2.502%
5	7.681	774	781	789	rVB	202727	310355	10.73%	1.331%
6	7.999	828	835	844	rVB	705541	1149718	39.77%	4.931%
7	8.840	971	978	990	rBV	555560	919425	31.80%	3.943%
8	9.604	1100	1108	1113	rBV	1437212	2334135	80.73%	10.011%
9	9.669	1113	1119	1125	rVV	1660218	2784452	96.31%	11.942%
10	9.716	1125	1127	1145	rVV	47271	72089	2.49%	0.309%
11	9.887	1145	1156	1172	rVV2	1491636	2582997	89.34%	11.078%
12	10.469	1248	1255	1262	rBV	284920	463711	16.04%	1.989%
13	11.022	1340	1349	1354	rBV4	15021	36278	1.25%	0.156%
14	12.951	1670	1677	1683	rBV	1567654	2310158	79.91%	9.908%
15	13.792	1814	1820	1828	rVB	227557	308195	10.66%	1.322%
16	14.334	1906	1912	1921	rVB2	417105	646677	22.37%	2.774%
17	14.922	2004	2012	2014	rBV3	19052	46664	1.61%	0.200%
18	15.163	2046	2053	2055	rBV2	34949	58315	2.02%	0.250%
19	15.828	2160	2166	2173	rBV	510719	726638	25.13%	3.116%
20	15.951	2182	2187	2195	rBV	74251	118281	4.09%	0.507%
21	16.045	2197	2203	2206	rBV3	34835	67796	2.34%	0.291%
22	16.228	2230	2234	2241	rBV2	20901	38508	1.33%	0.165%
23	16.492	2275	2279	2285	rVB5	19286	36035	1.25%	0.155%
24	17.080	2374	2379	2385	rBV	505754	734052	25.39%	3.148%
25	17.463	2440	2444	2449	rBV2	98228	120314	4.16%	0.516%
26	18.845	2676	2679	2730	rVB6	281854	1413340	48.89%	6.062%
27	19.416	2772	2776	2783	rVB	81674	89360	3.09%	0.383%
28	19.533	2793	2796	2803	rVB2	38372	51461	1.78%	0.221%
29	19.721	2822	2828	2834	rBV	2242158	2891114	100.00%	12.400%
30	20.468	2951	2955	2958	rBV	60315	69812	2.41%	0.299%
31	20.515	2960	2963	2968	rVB3	35385	49563	1.71%	0.213%
32	20.992	3040	3044	3054	rBV	53858	71841	2.48%	0.308%
33	21.286	3089	3094	3102	rBV	664295	849024	29.37%	3.641%
34	23.521	3468	3474	3488	rVB2	374516	713901	24.69%	3.062%

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

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

Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
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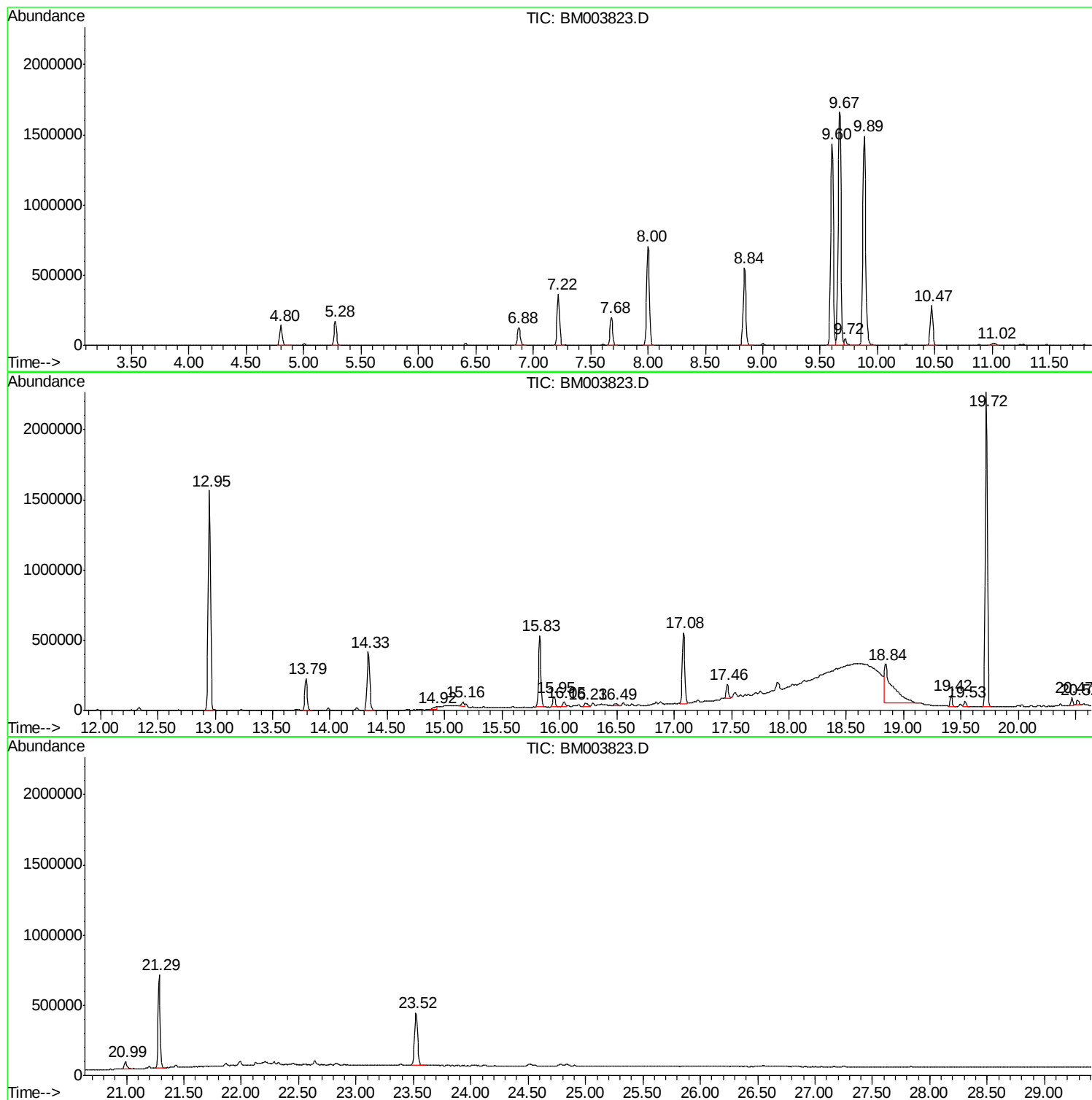
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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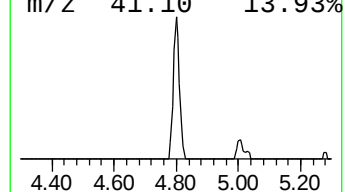
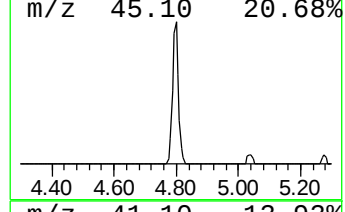
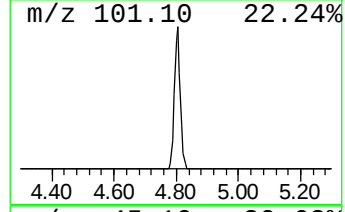
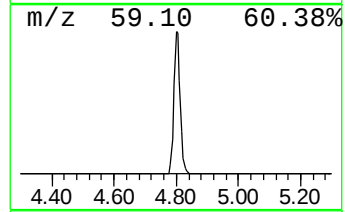
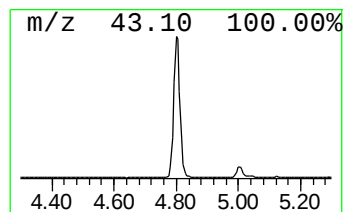
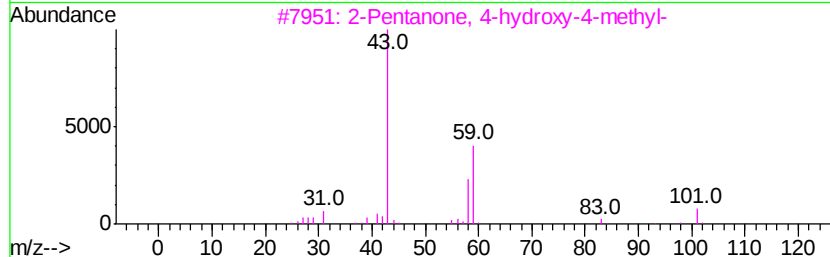
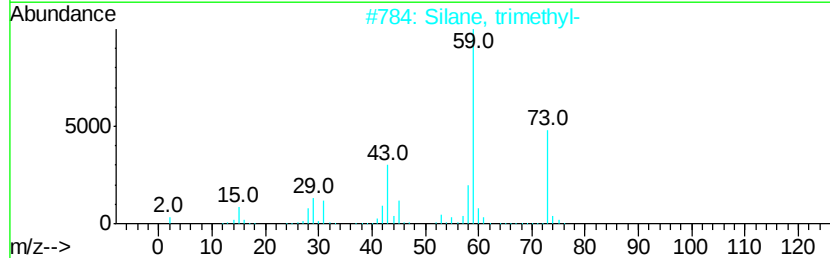
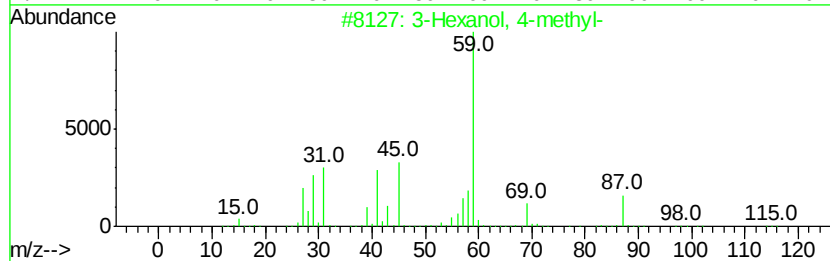
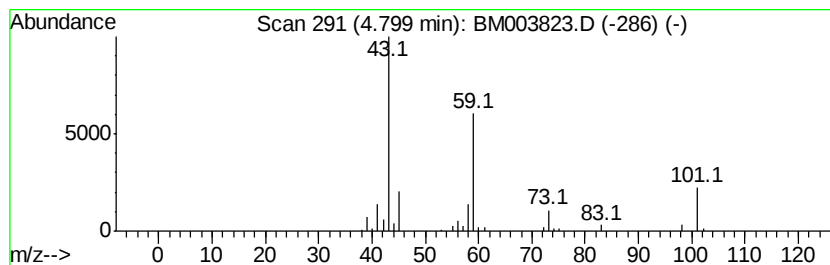
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown4.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	13.17 ng	204331	1,4-Dichlorobenzene-d4	7.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	38
2			Silane, trimethyl-	74	C3H10Si	000993-07-7	32
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25
5			Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	25



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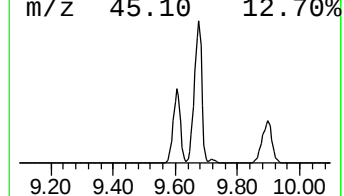
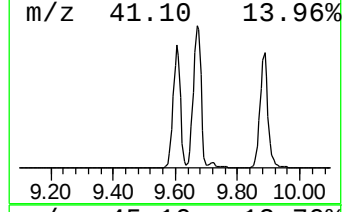
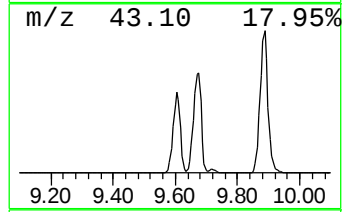
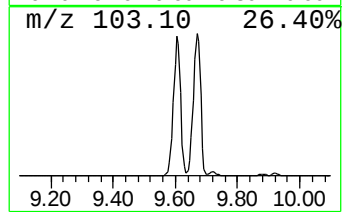
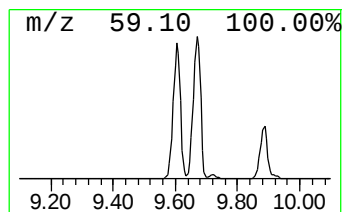
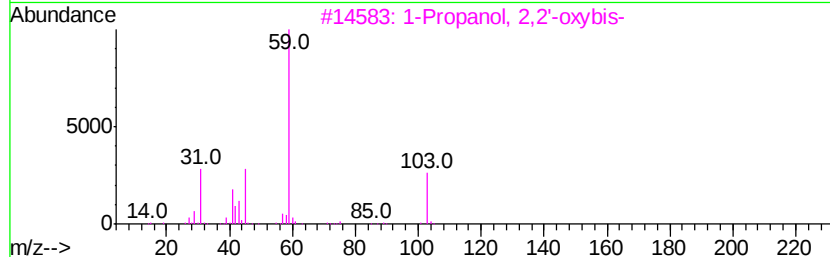
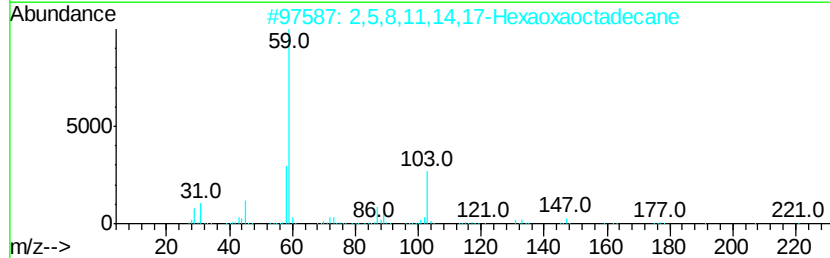
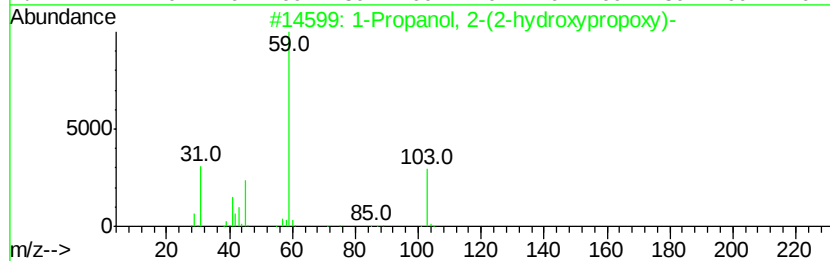
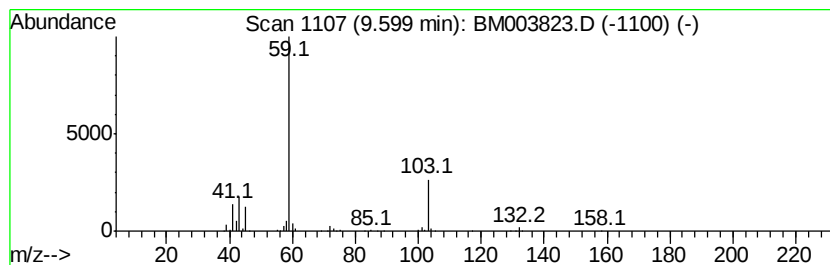
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Propanol, 2-(2-hydroxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	100.67 ng	2334140	Naphthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2		2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	74
3		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	72
4		2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	64
5		Methane, diethoxy-	104	C5H12O2	000462-95-3	64



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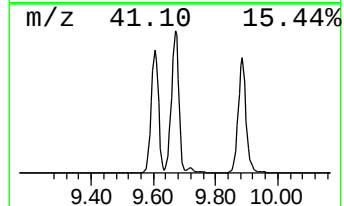
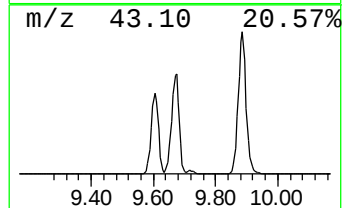
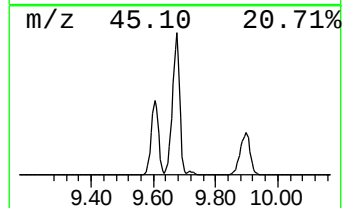
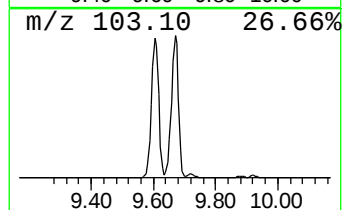
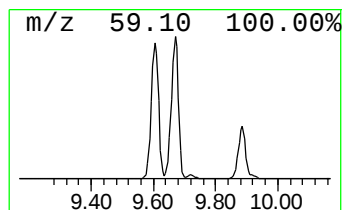
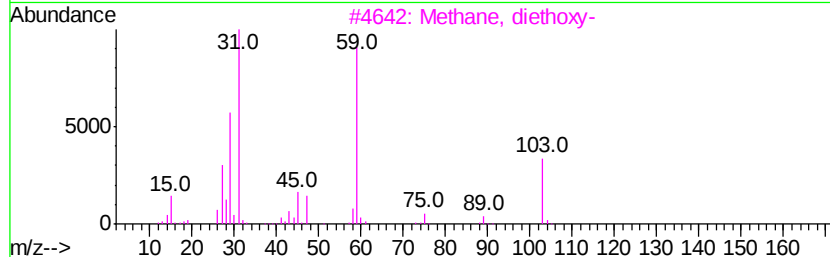
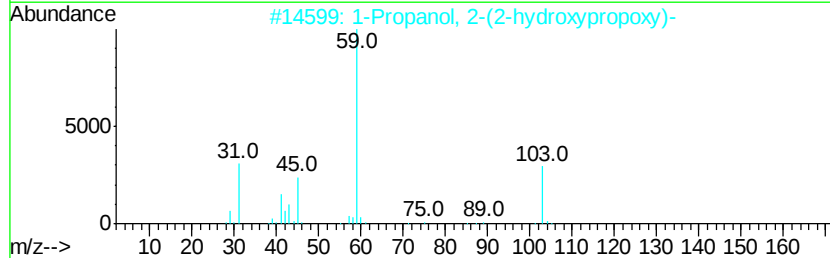
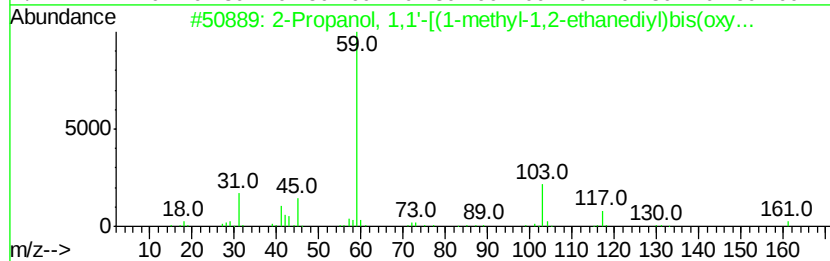
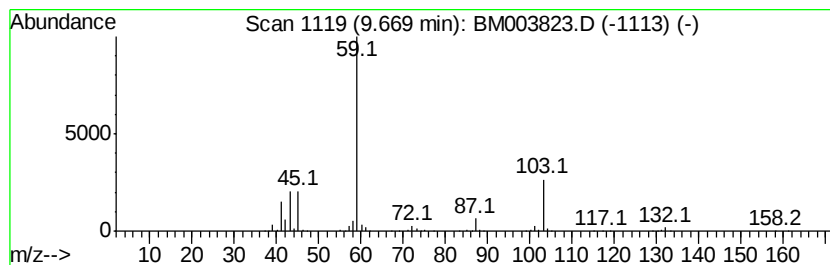
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Propanol, 1,1'-[(1-methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	120.09 ng	2784450	Napthalene-d8	10.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	78
2		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
3		Methane, diethoxy-	104	C5H12O2	000462-95-3	72
4		2-Propanol, 1-[(1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	72
5		Dipropylene glycol	134	C6H14O3	025265-71-8	64



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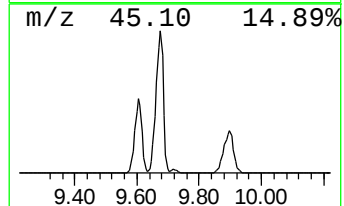
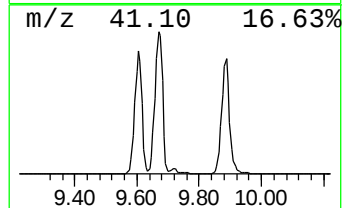
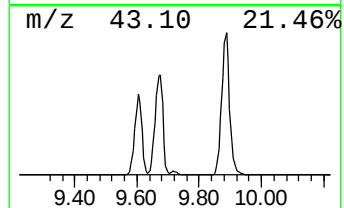
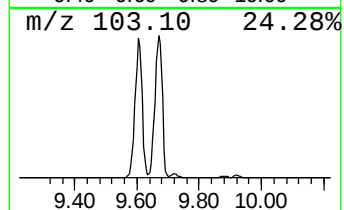
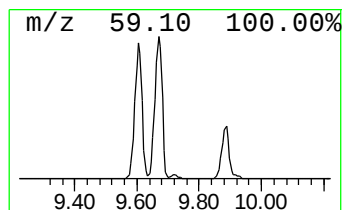
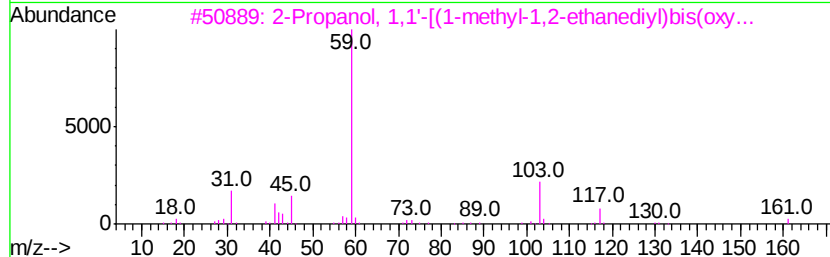
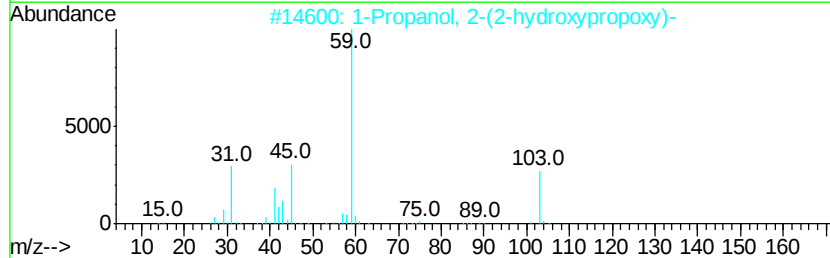
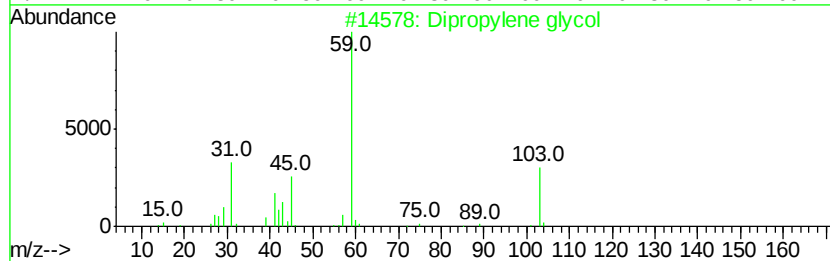
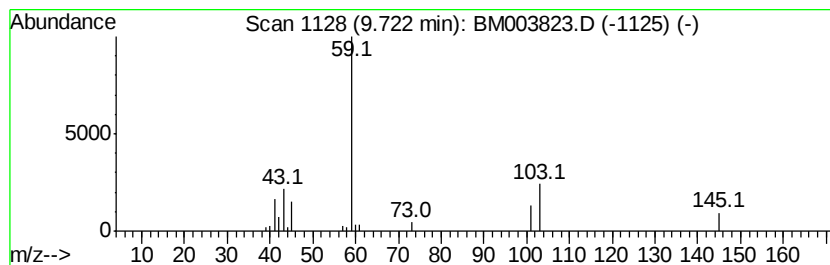
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dipropylene glycol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	3.11 ng	72089	Naphthalene-d8	10.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dipropylene glycol	134	C6H14O3	025265-71-8	72
2			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	56
3			2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	56
4			2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	56
5			Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	40



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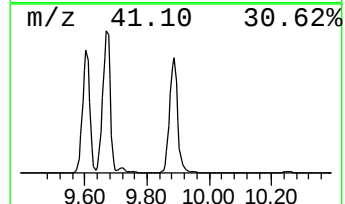
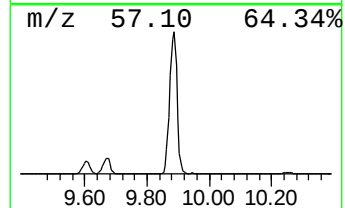
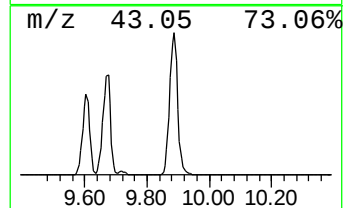
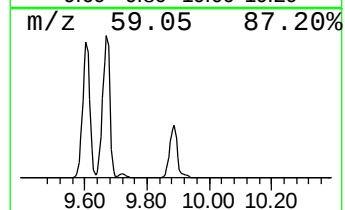
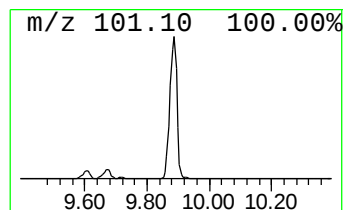
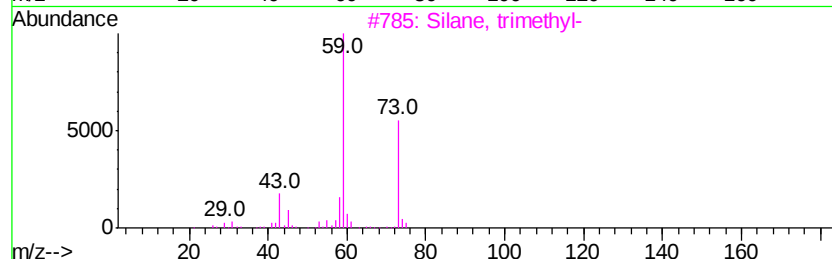
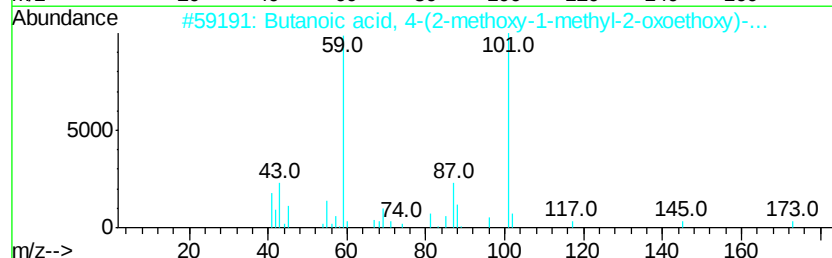
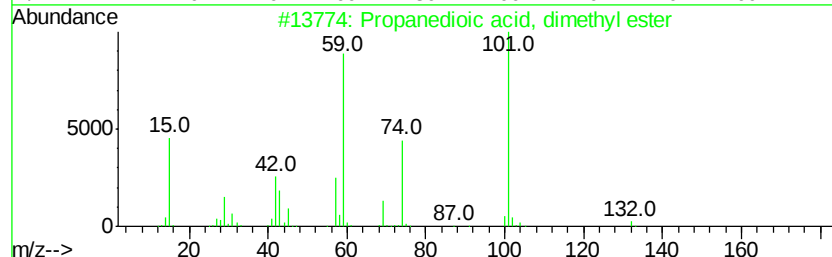
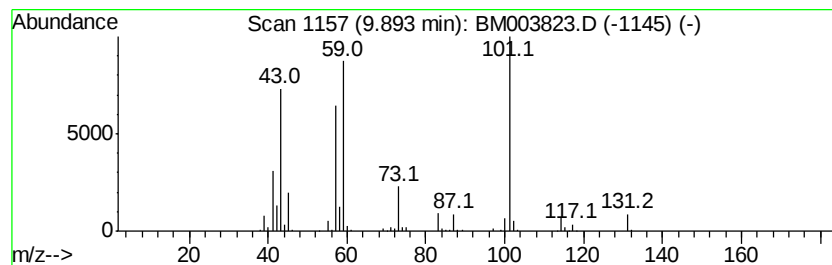
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Peak Number 7 Propanedioic acid, dimethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	111.41 ng	2583000	Naphthalene-d8	10.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propanedioic acid, dimethyl ester	132	C5H8O4	000108-59-8	50
2		Butanoic acid, 4-(2-methoxy-1-me...	204	C9H16O5	054966-46-0	42
3		Silane, trimethyl-	74	C3H10Si	000993-07-7	35
4		Hydrazine, 1,1-dimethyl-2-propyl-	102	C5H14N2	052728-54-8	35
5		3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	32



Data Path : Z:\HPCHEM1\BNA M\DATA\BM122815\
Data File : BM003823.D
Acq On : 28 Dec 2015 11:37
Operator : UM/SJ
Sample : G4956-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
W-34

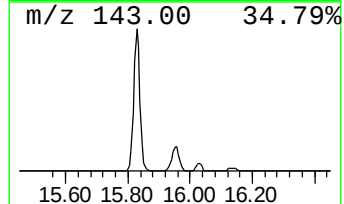
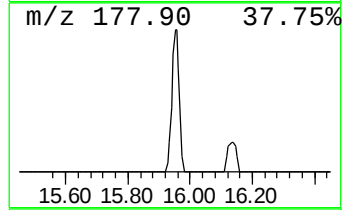
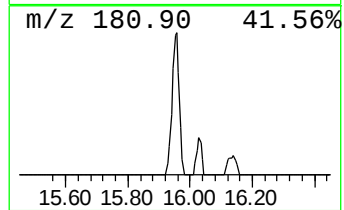
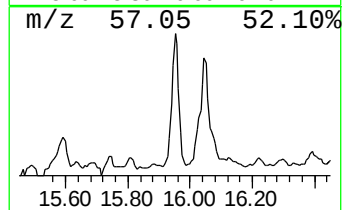
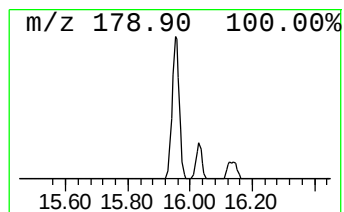
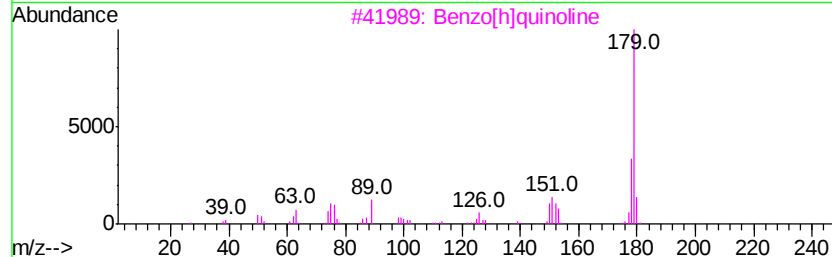
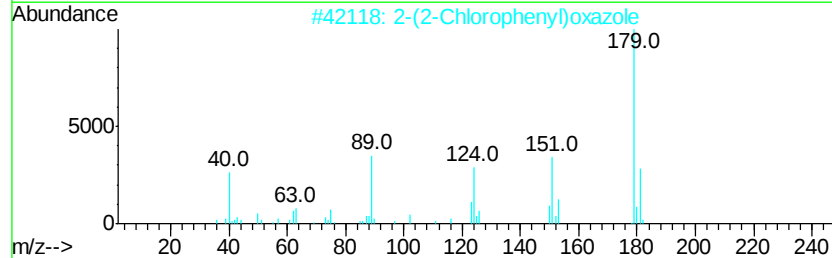
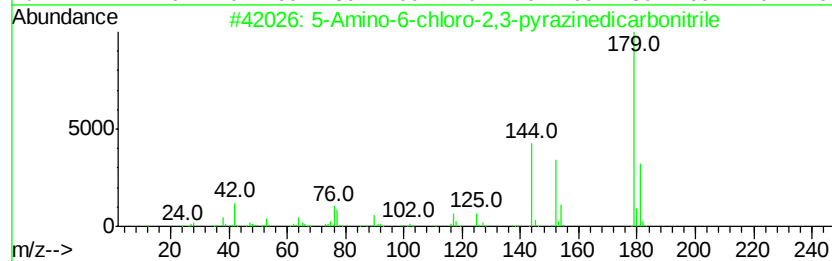
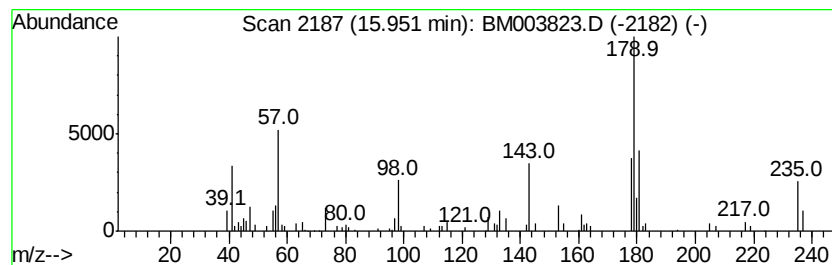
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown15.95 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.22 ng	118281	Phenanthrene-d10	17.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Amino-6-chloro-2,3-pyrazinedic...	179	C6H2ClN5	056413-96-8	43
2		2-(2-Chlorophenyl)oxazole	179	C9H6ClNO	062881-98-5	37
3		Benzo[h]quinoline	179	C13H9N	000230-27-3	32
4		Phenanthridine	179	C13H9N	000229-87-8	32
5		7-Chloro-4-hydroxyquinoline	179	C9H6ClNO	000086-99-7	32



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Acq On : 28 Dec 2015 11:37
Operator : UM/SJ
Sample : G4956-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

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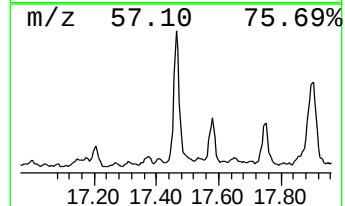
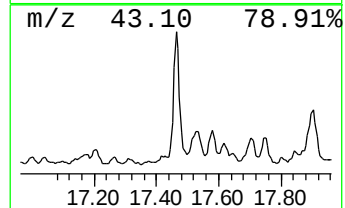
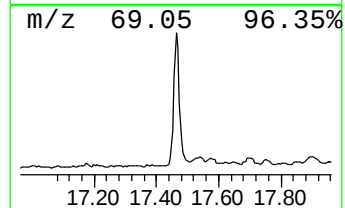
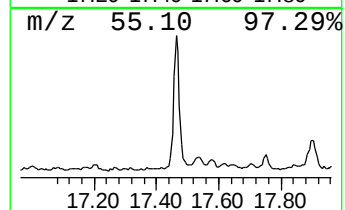
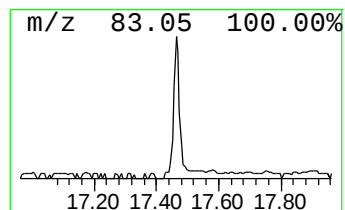
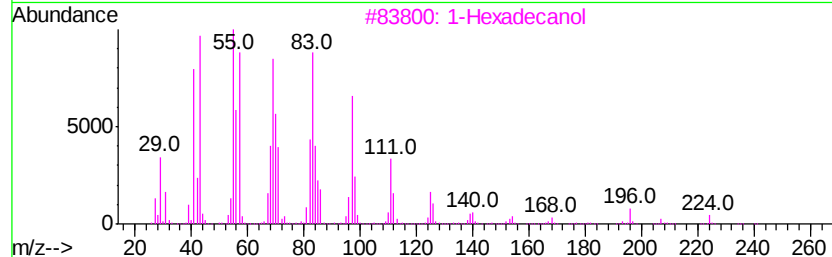
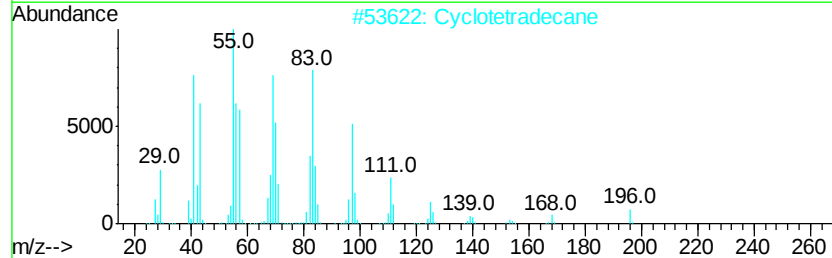
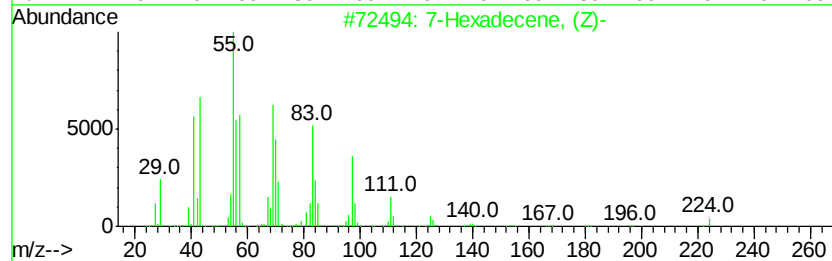
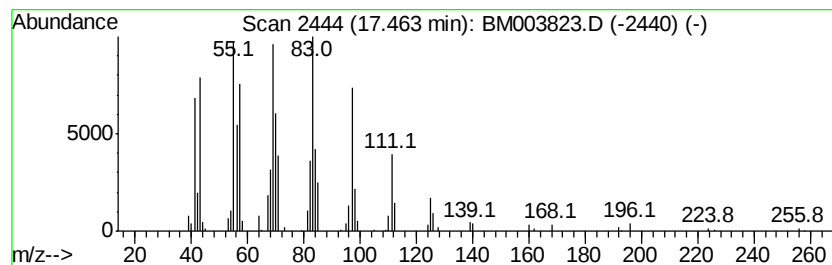
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 7-Hexadecene, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	3.28 ng	120314	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	98
2		Cyclotetradecane	196	C14H28	000295-17-0	95
3		1-Hexadecanol	242	C16H34O	036653-82-4	94
4		3-Octadecene, (E)-	252	C18H36	007206-19-1	91
5		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM122815\
Data File : BM003823.D
Acq On : 28 Dec 2015 11:37
Operator : UM/SJ
Sample : G4956-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
W-34

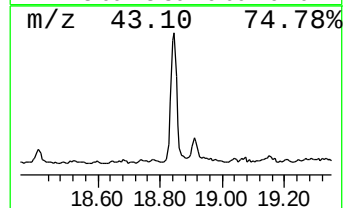
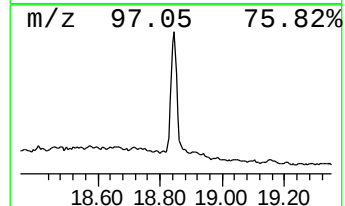
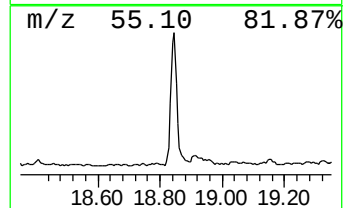
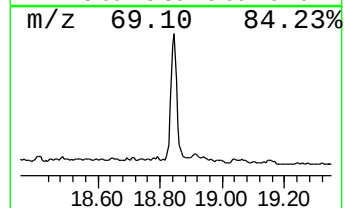
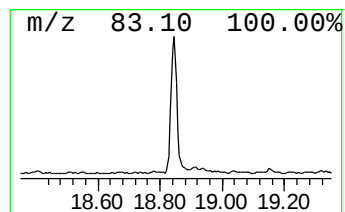
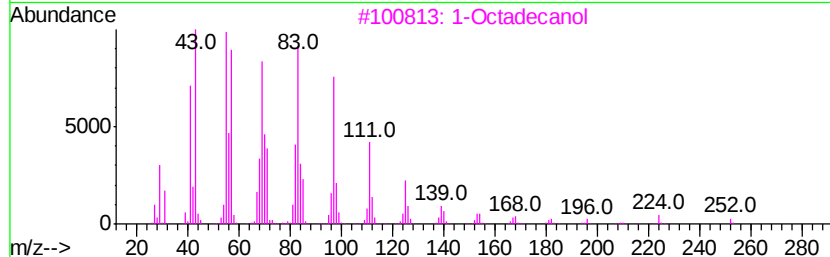
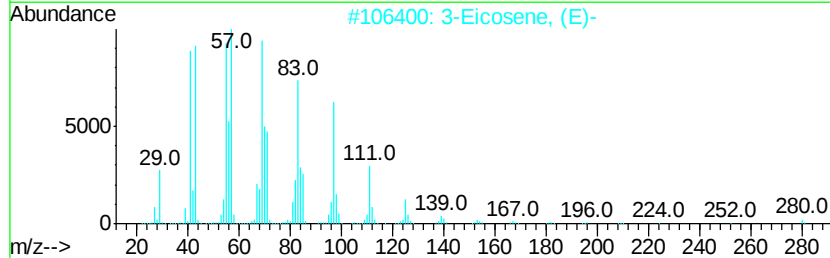
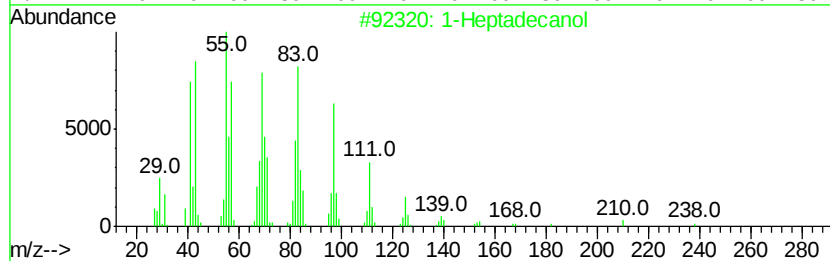
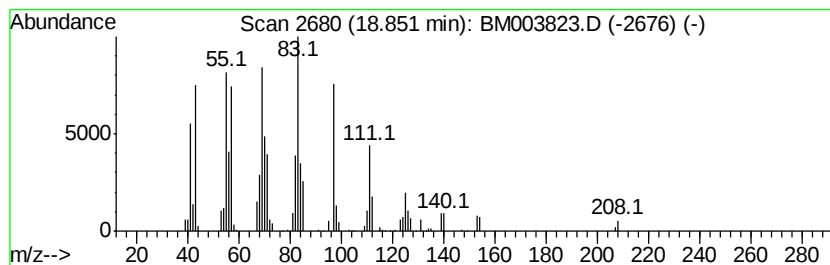
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heptadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	38.51 ng	1413340	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptadecanol	256	C17H36O	001454-85-9	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		1-Octadecanol	270	C18H38O	000112-92-5	91
4		Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	91
5		4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91



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Acq On : 28 Dec 2015 11:37
Operator : UM/SJ
Sample : G4956-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

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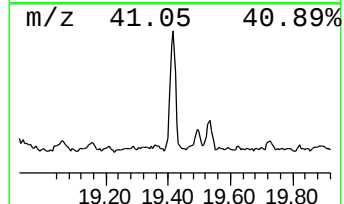
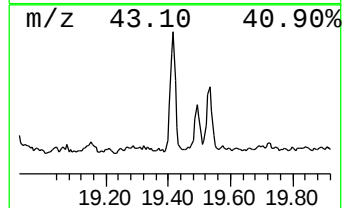
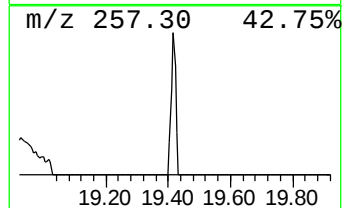
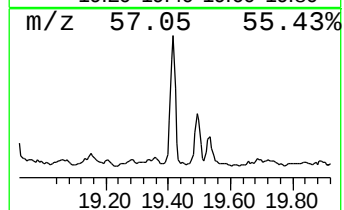
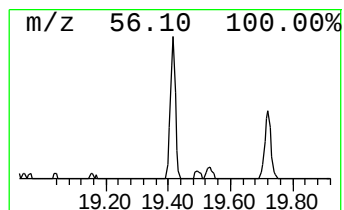
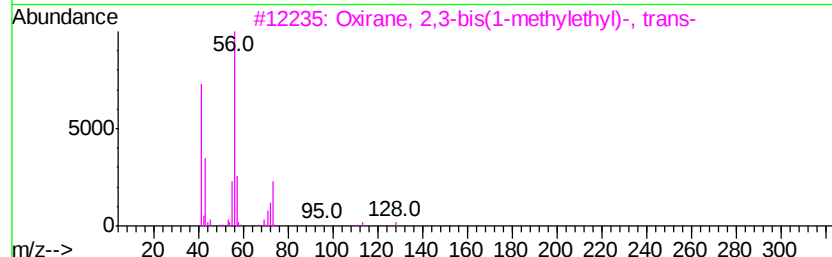
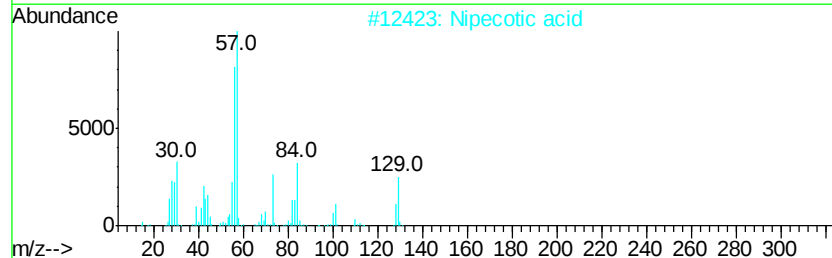
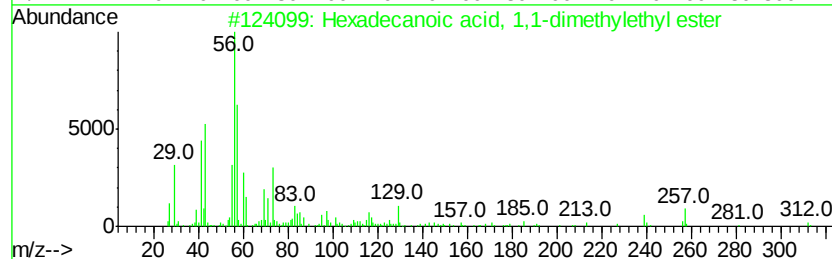
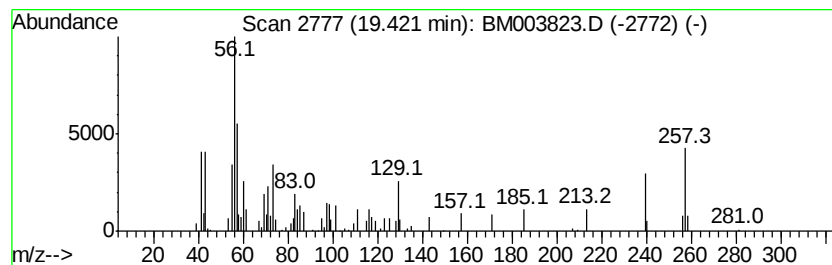
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, 1,1-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	2.11 ng	89360	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
2		Nipecotic acid	129	C6H11NO2	000498-95-3	43
3		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	35
4		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	25
5		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	25



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Operator : UM/SJ
Sample : G4956-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown4.80	4.80	13.2	ng	204331	1	7.68	310355	20.0
1-Propanol, 2-(2-...	9.60	100.7	ng	2334140	2	10.47	463711	20.0
2-Propanol, 1,1'-...	9.67	120.1	ng	2784450	2	10.47	463711	20.0
Dipropylene glycol	9.72	3.1	ng	72089	2	10.47	463711	20.0
Propanedioic acid...	9.89	111.4	ng	2583000	2	10.47	463711	20.0
unknown15.95	15.95	3.2	ng	118281	4	17.08	734052	20.0
7-Hexadecene, (Z)-	17.46	3.3	ng	120314	4	17.08	734052	20.0
1-Heptadecanol	18.85	38.5	ng	1413340	4	17.08	734052	20.0
Hexadecanoic acid...	19.42	2.1	ng	89360	5	21.29	849024	20.0