

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079301.D
 Acq On : 16 May 2015 8:40
 Operator : TP/IZ
 Sample : G2215-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-36S

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-BF043015.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	1.347	11	14	16	rBV	4236063	5501431	100.00%	24.822%
2	1.461	20	24	29	rVB	139275	298737	5.43%	1.348%
3	1.633	37	39	41	rBV	150599	181747	3.30%	0.820%
4	1.678	41	43	47	rVV	51081	92282	1.68%	0.416%
5	1.793	51	53	75	rVB	450586	826478	15.02%	3.729%
6	4.947	328	329	334	rBV	85835	124811	2.27%	0.563%
7	5.473	372	375	377	rBV	1097790	1204658	21.90%	5.435%
8	6.753	484	487	489	rBV	1154218	1275679	23.19%	5.756%
9	6.890	496	499	502	rBV	1418895	1299540	23.62%	5.863%
10	7.176	522	524	527	rBV	415775	396957	7.22%	1.791%
11	7.359	538	540	543	rBV	742473	978668	17.79%	4.416%
12	7.873	582	585	587	rBV	881955	790421	14.37%	3.566%
13	8.753	660	662	665	rBV	619094	537005	9.76%	2.423%
14	10.102	778	780	782	rBV	1789640	1516249	27.56%	6.841%
15	10.605	822	824	827	rBV	74971	71342	1.30%	0.322%
16	10.925	850	852	855	rBV	586264	566236	10.29%	2.555%
17	11.908	935	938	940	rBV	931725	935883	17.01%	4.223%
18	12.765	1011	1013	1018	rBV2	540190	670523	12.19%	3.025%
19	14.274	1143	1145	1147	rBV	168449	158746	2.89%	0.716%
20	14.548	1167	1169	1171	rBV	132122	162955	2.96%	0.735%
21	14.765	1185	1188	1190	rBV	1633561	1602082	29.12%	7.228%
22	15.657	1257	1266	1271	rBV2	43945	226201	4.11%	1.021%
23	15.954	1287	1292	1298	rBV2	55780	144544	2.63%	0.652%
24	16.057	1298	1301	1303	rVV	585140	739419	13.44%	3.336%
25	16.091	1303	1304	1310	rVB2	79733	127072	2.31%	0.573%
26	16.274	1314	1320	1323	rBV4	14309	57524	1.05%	0.260%
27	16.926	1372	1377	1379	rBV2	22846	72769	1.32%	0.328%
28	17.246	1402	1405	1409	rBV	92092	147901	2.69%	0.667%
29	17.337	1409	1413	1414	rBV3	31226	78261	1.42%	0.353%
30	17.371	1414	1416	1420	rVV	65960	146465	2.66%	0.661%
31	17.634	1435	1439	1442	rBV3	28317	98456	1.79%	0.444%
32	17.703	1442	1445	1448	rVV2	54181	112173	2.04%	0.506%
33	17.760	1448	1450	1453	rVV2	86693	155235	2.82%	0.700%
34	17.828	1453	1456	1462	rVB	568661	734108	13.34%	3.312%

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ClientSampleId :
SB-36S

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_F\METHODS\8270-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.234	1576	1579	1583	rVB2	30992	71858	1.31%	0.324%
36	19.646	1612	1615	1618	rVB	33499	59074	1.07%	0.267%

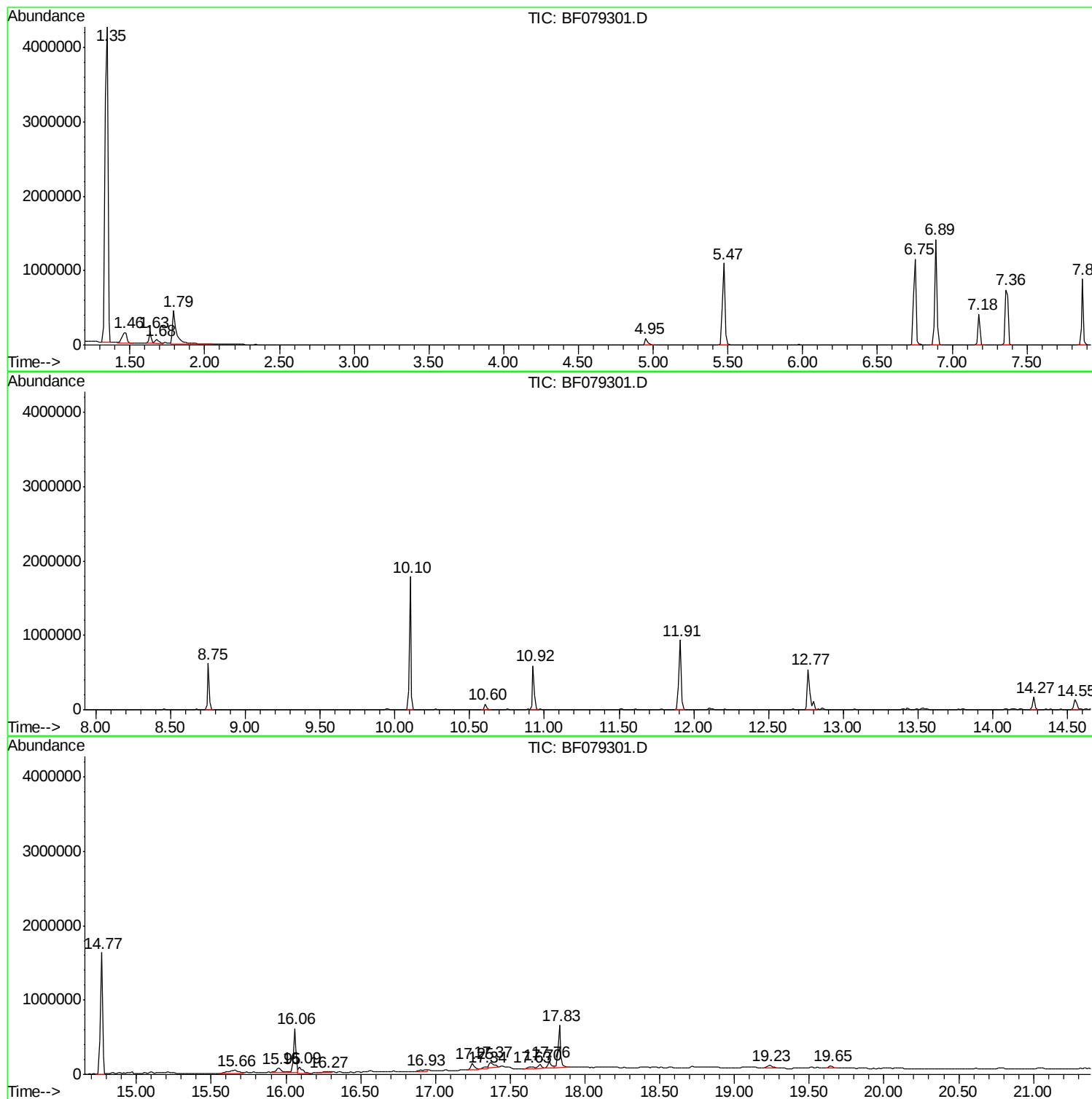
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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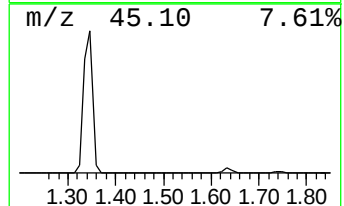
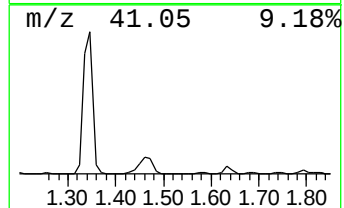
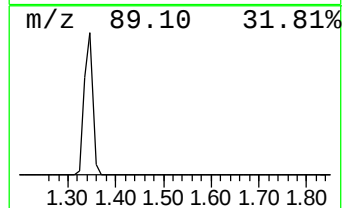
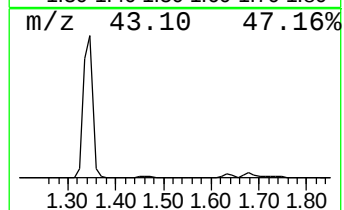
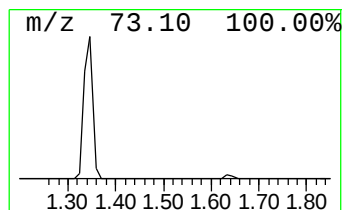
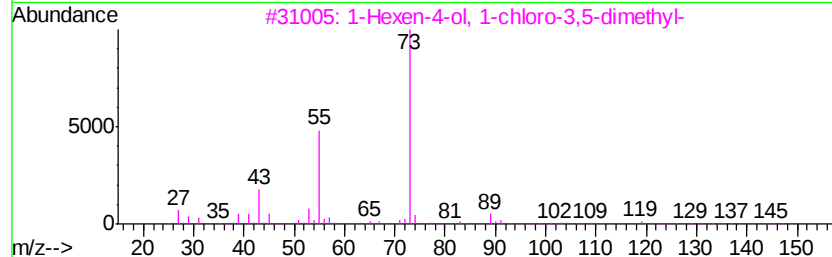
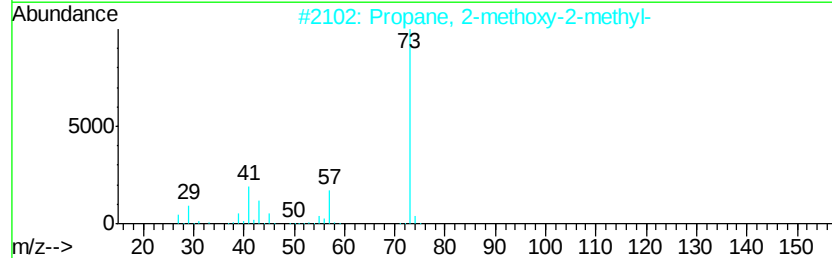
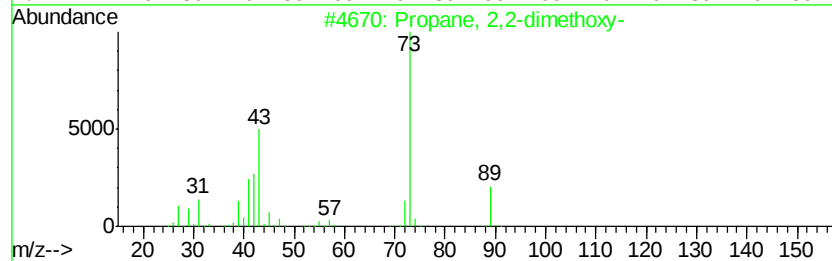
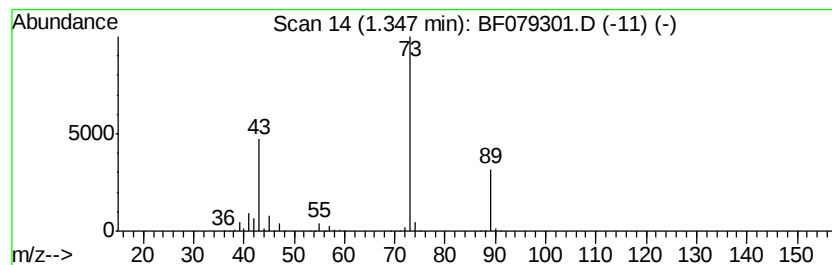
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.35	277.18 ng	5501430	1,4-Dichlorobenzene-d4	7.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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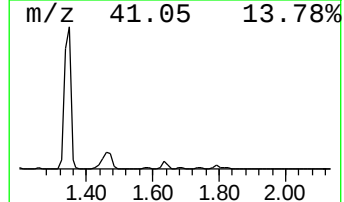
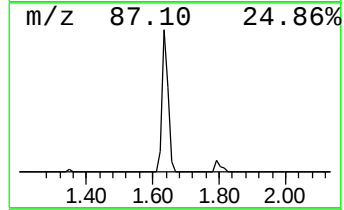
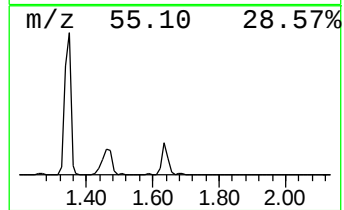
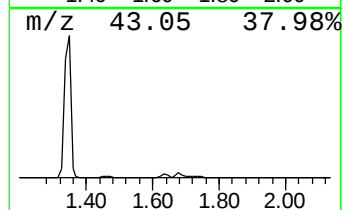
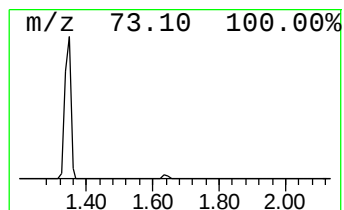
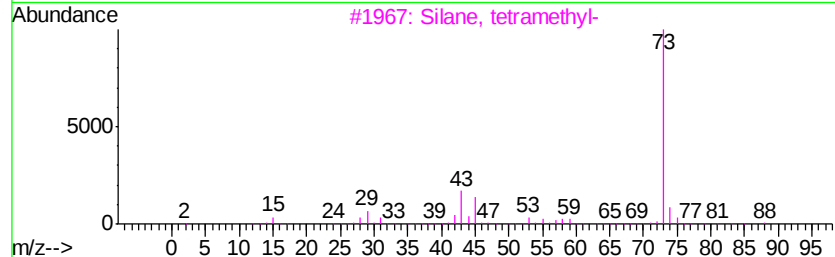
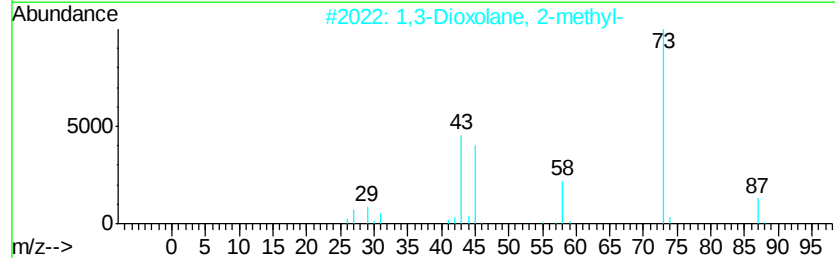
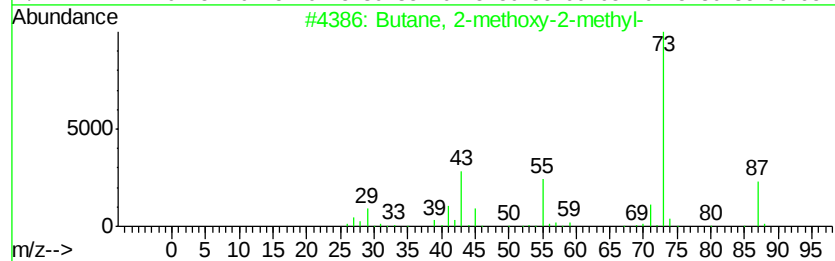
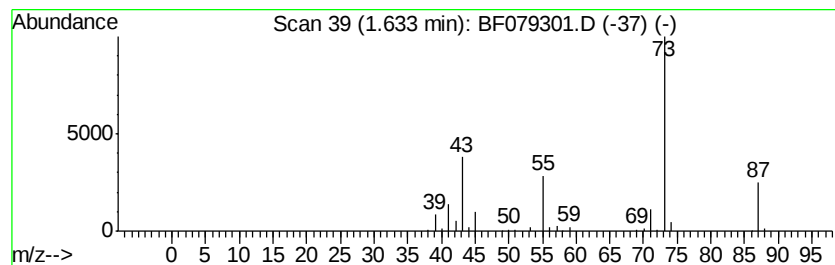
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	9.16 ng	181747	1,4-Dichlorobenzene-d4	7.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12



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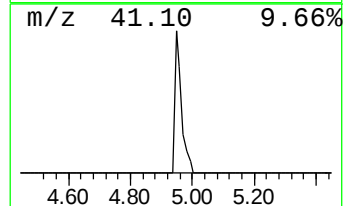
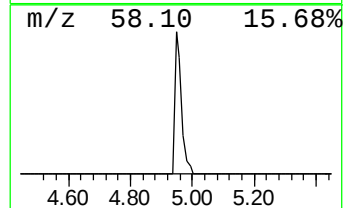
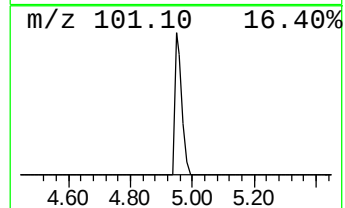
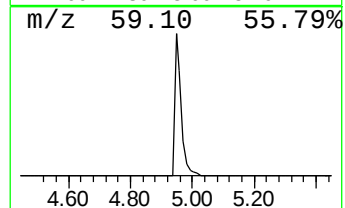
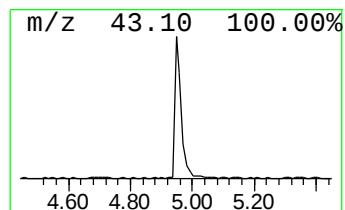
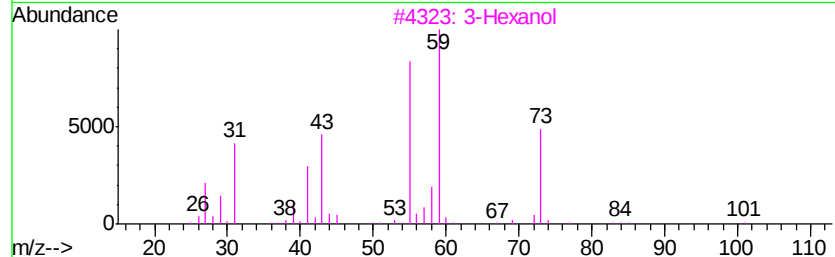
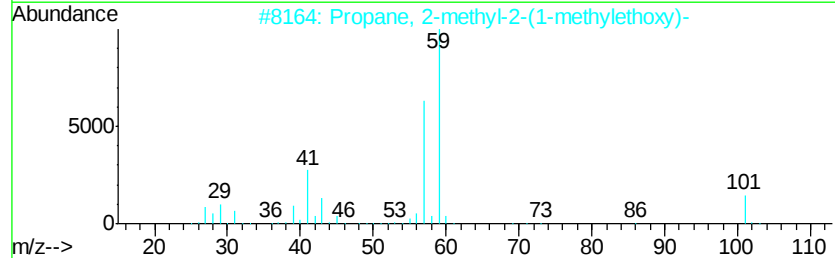
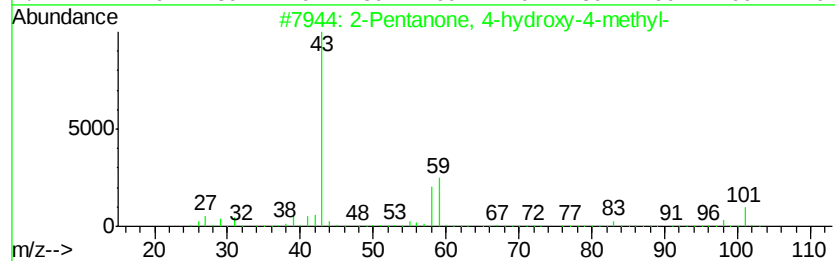
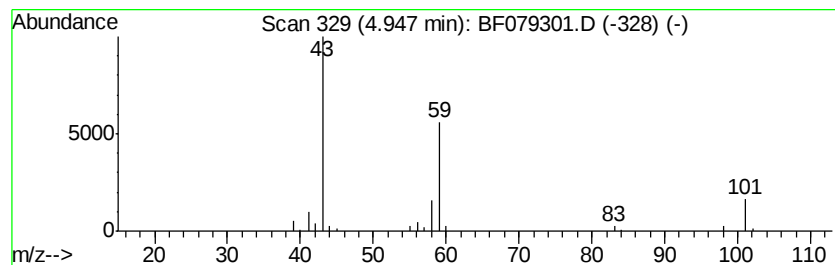
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	6.29 ng	124811	1,4-Dichlorobenzene-d4	7.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3		3-Hexanol	102	C6H14O	000623-37-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32



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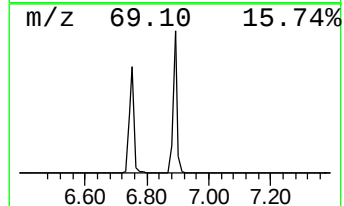
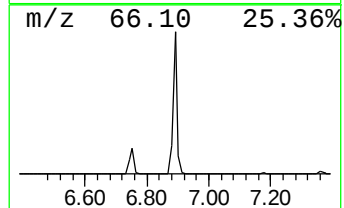
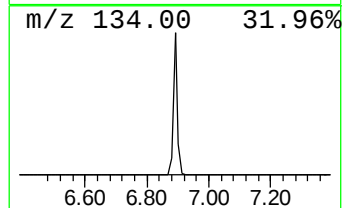
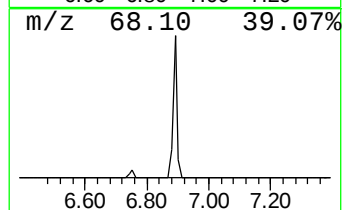
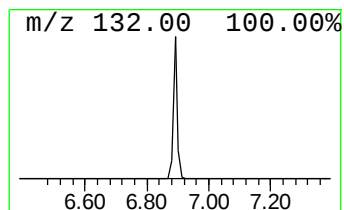
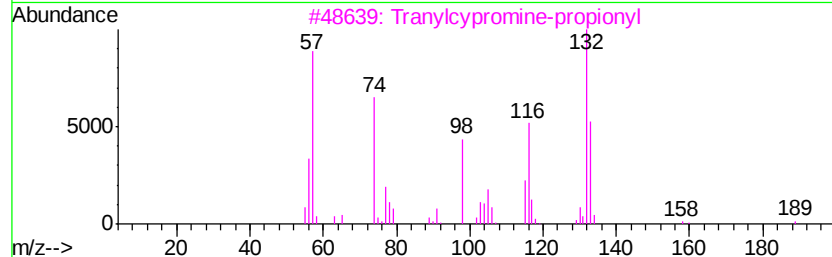
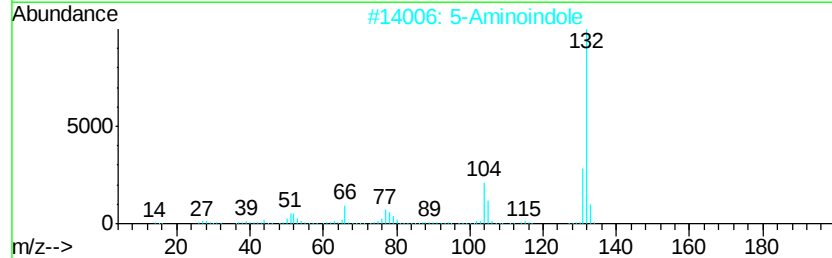
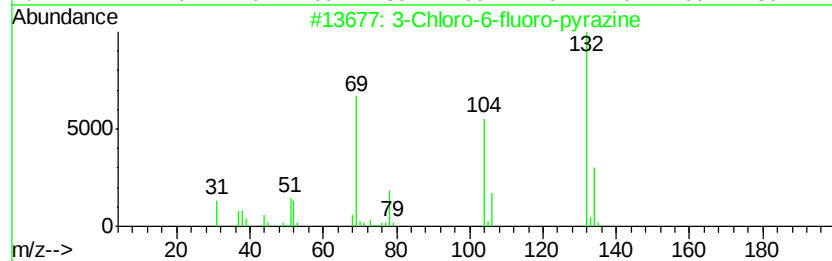
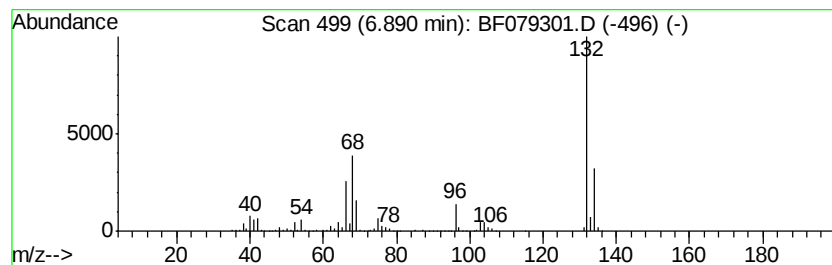
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	65.48 ng	1299540	1,4-Dichlorobenzene-d4	7.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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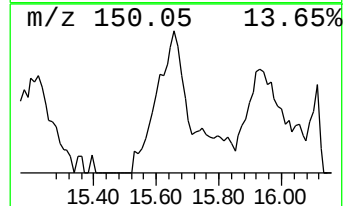
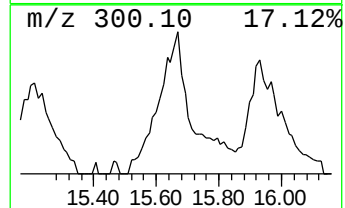
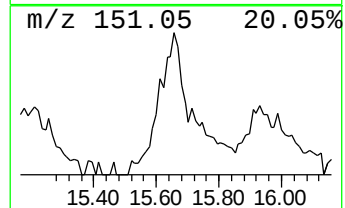
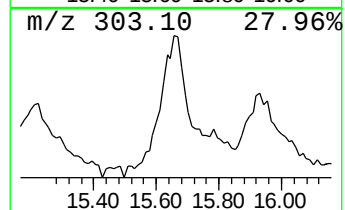
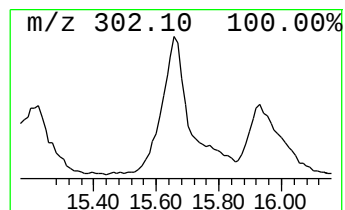
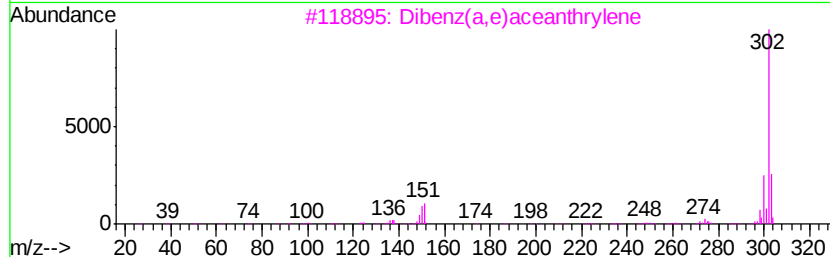
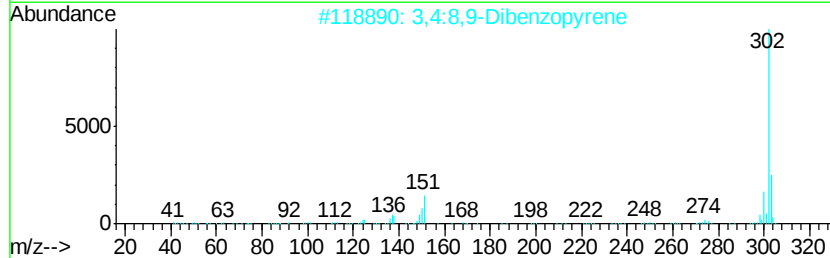
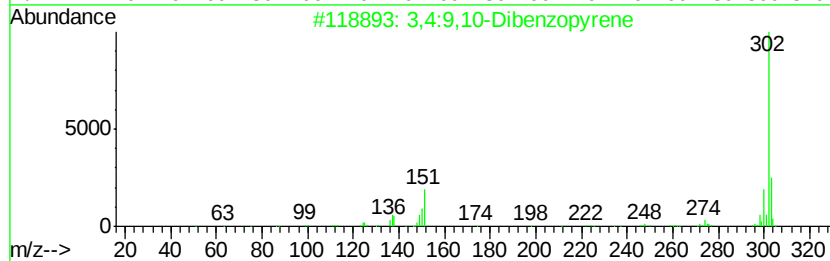
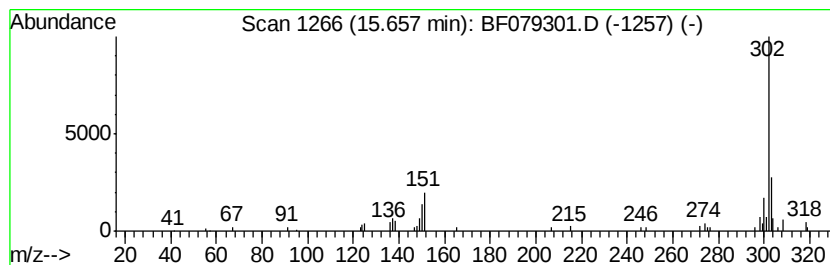
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TIC Integration Parameters: LSCINT.P

Peak Number 9 3,4:9,10-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	6.12 ng	226201	Chrysene-d12	16.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene		302	C24H14	000189-55-9	99
2	3,4:8,9-Dibenzopyrene		302	C24H14	000189-64-0	98
3	Dibenz(a,e)aceanthrylene		302	C24H14	005385-75-1	93
4	1,2:4,5-Dibenzopyrene		302	C24H14	000192-65-4	83
5	1,2:3,4-Dibenzopyrene		302	C24H14	000191-30-0	81



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Acq On : 16 May 2015 8:40
Operator : TP/IZ
Sample : G2215-15
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-36S

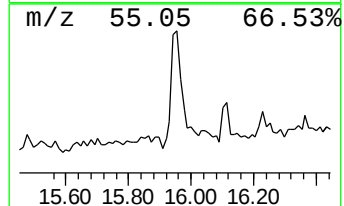
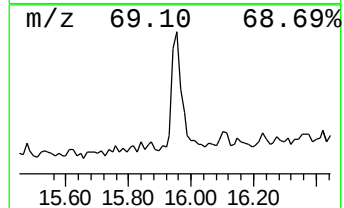
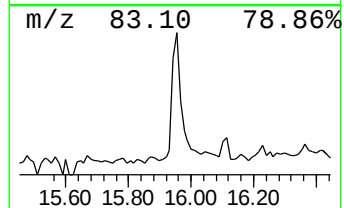
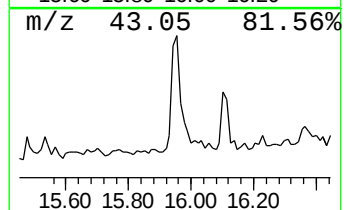
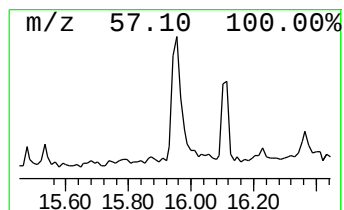
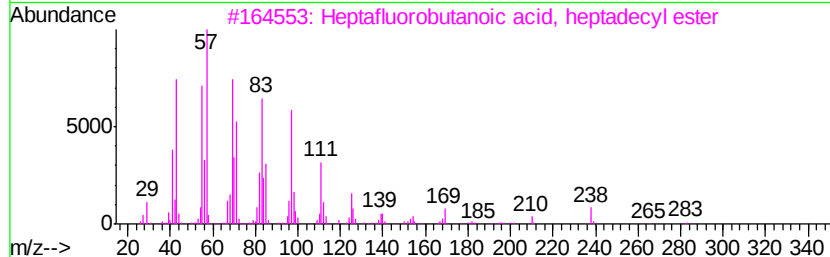
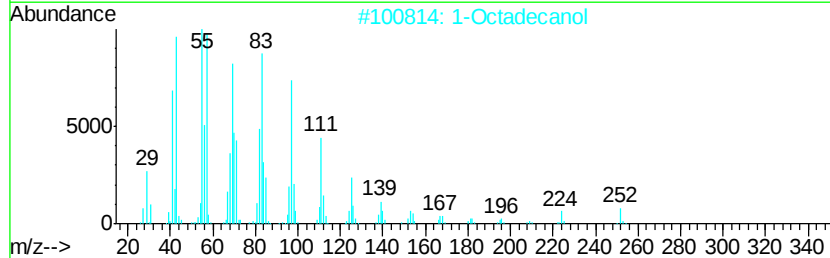
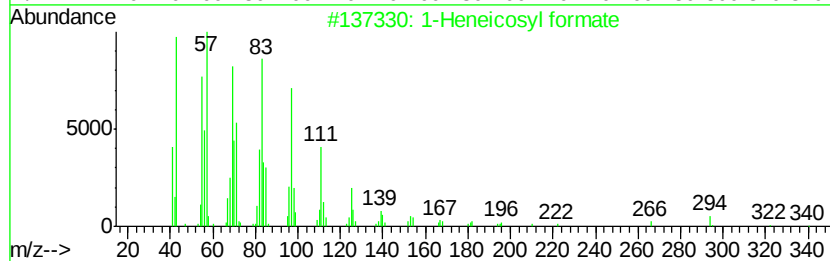
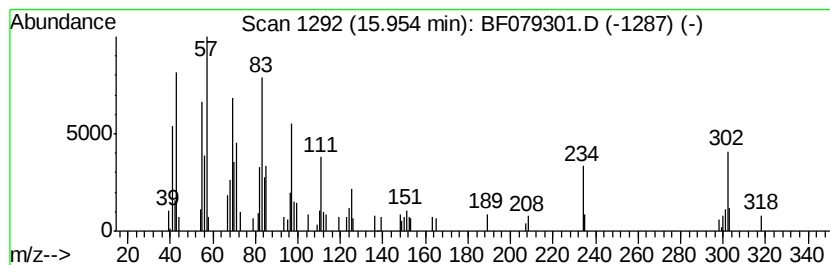
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Heneicosyl formate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.91 ng	144544	Chrysene-d12	16.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2			1-Octadecanol	270	C18H38O	000112-92-5	64
3			Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	64
4			Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64
5			2-Chloropropionic acid, hexadecyl ester	332	C19H37ClO2	086711-81-1	64



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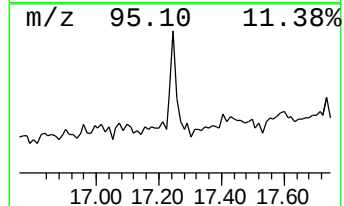
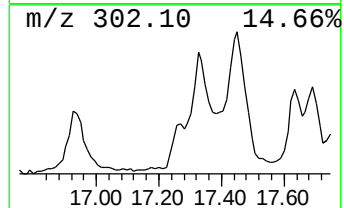
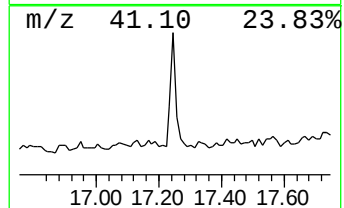
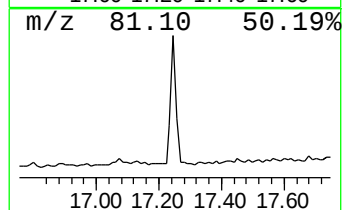
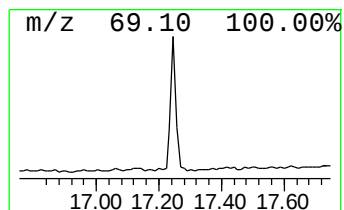
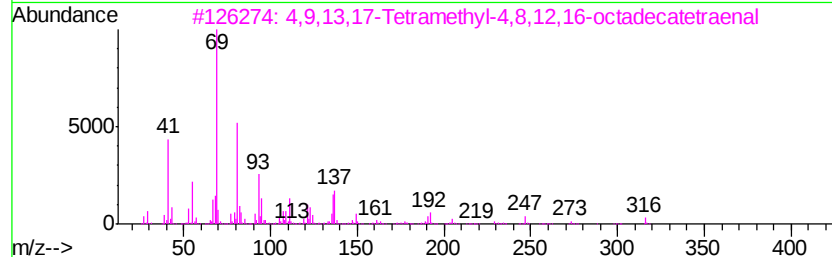
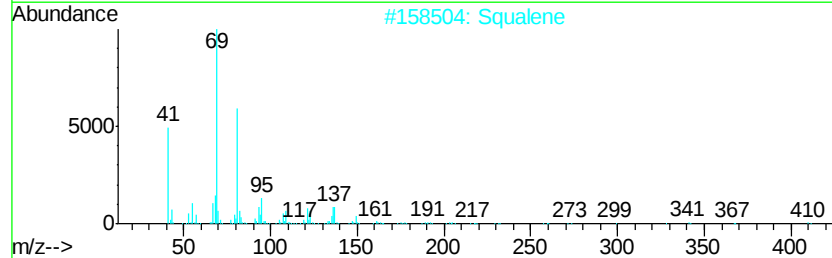
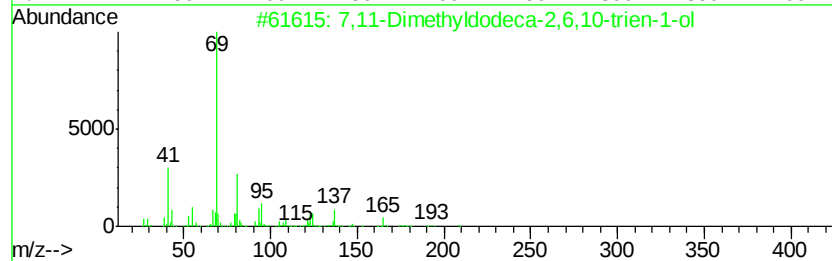
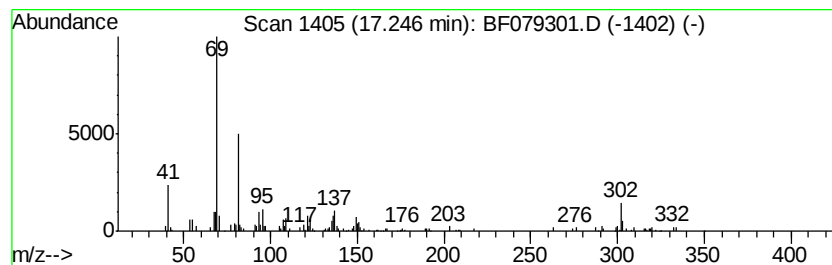
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	4.03 ng	147901	Perylene-d12	17.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	76
2			Squalene	410	C30H50	007683-64-9	68
3			4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	68
4			2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	64
5			2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	64



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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-36S

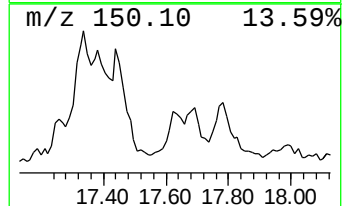
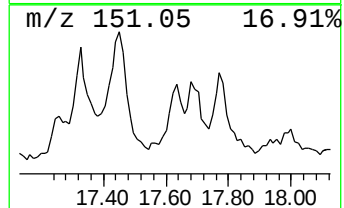
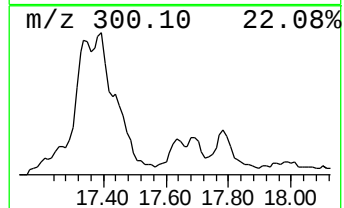
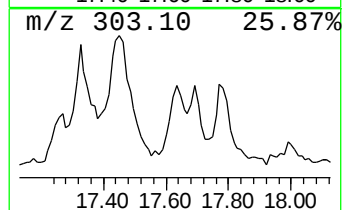
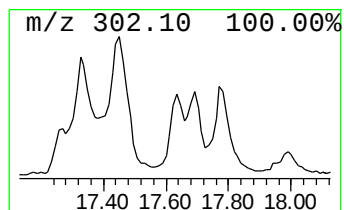
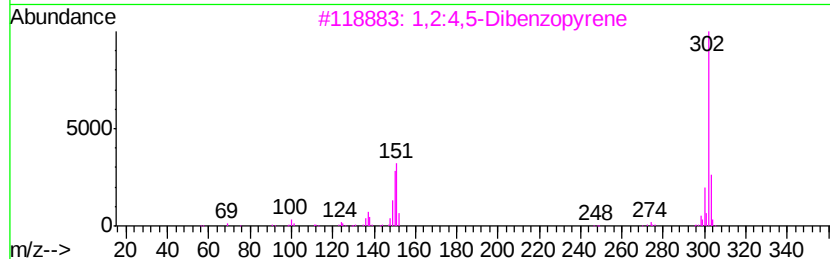
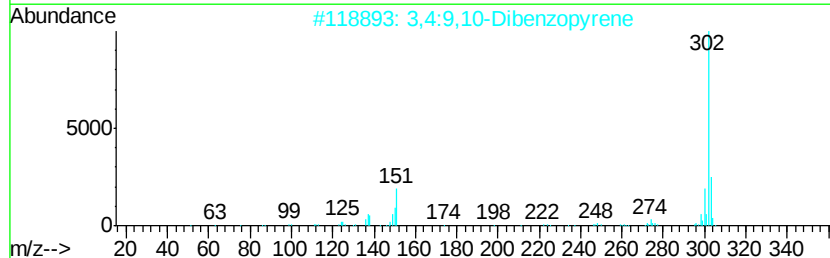
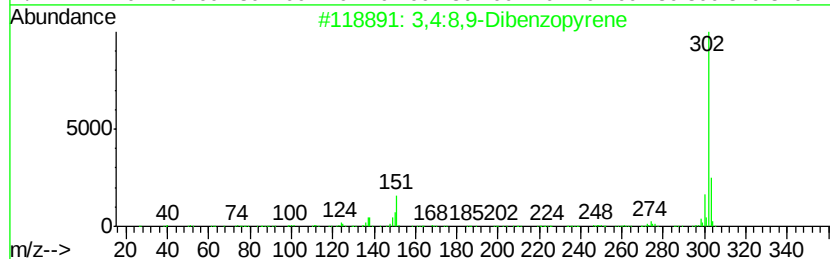
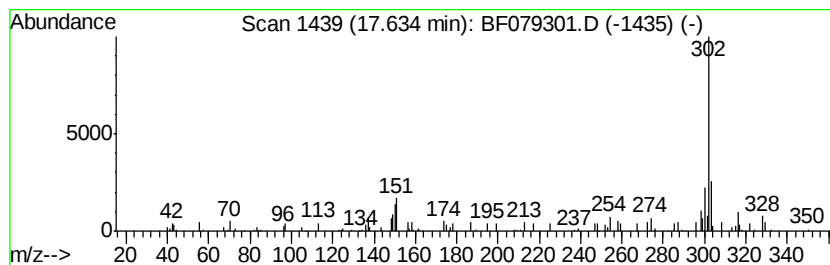
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3,4:8,9-Dibenzopyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.68 ng	98456	Perylene-d12	17.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	64
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	60
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	58
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	53
5		Estra-1,3,5(10)-triene-4,17-diol...	302	C19H26O3	005976-66-9	50



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Misc :
ALS Vial : 34 Sample Multiplier: 1

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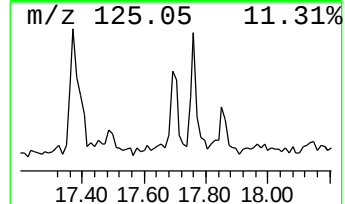
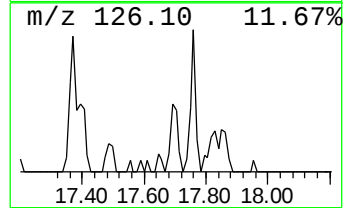
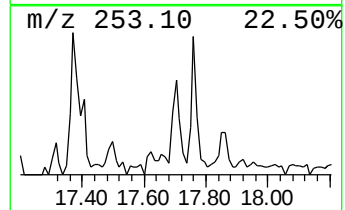
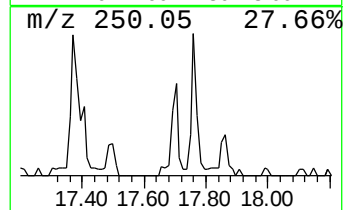
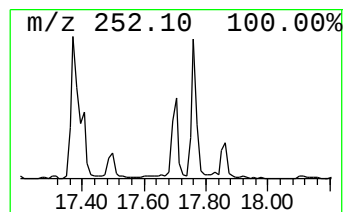
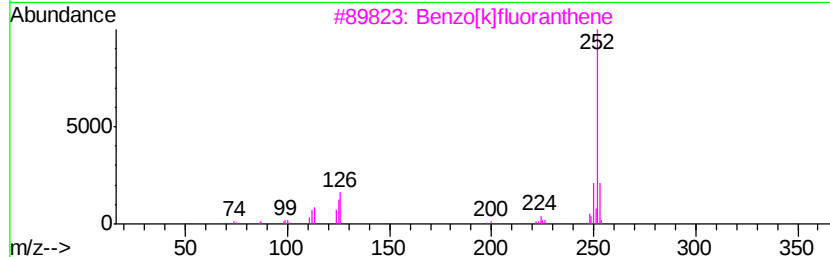
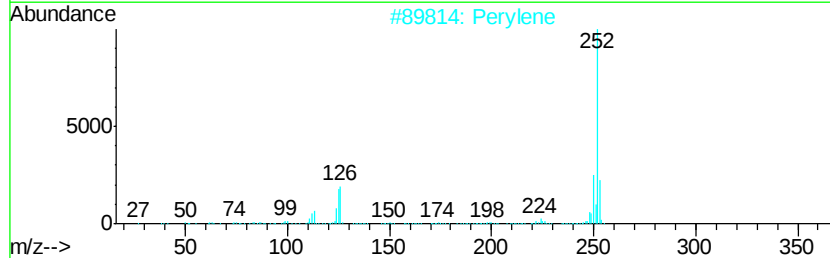
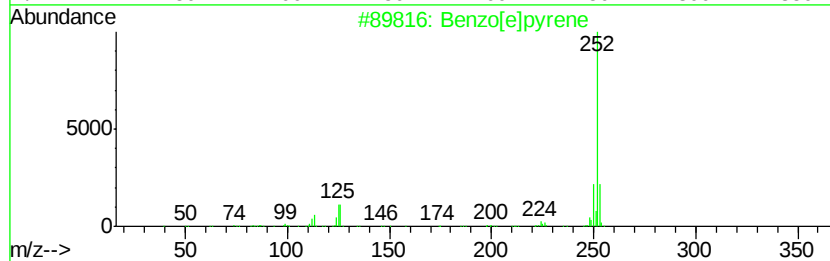
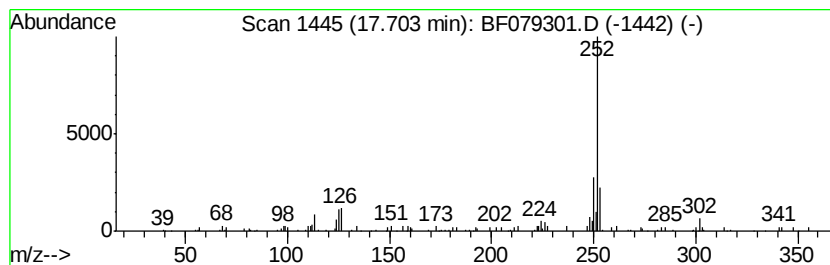
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	3.06 ng	112173	Perylene-d12	17.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	91
2			Perylene	252	C20H12	000198-55-0	90
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[a]pyrene	252	C20H12	000050-32-8	87
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81



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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Propane, 2,2-dime...	1.35	277.2	ng	5501430	1	7.18	396957	20.0
Butane, 2-methoxy...	1.63	9.2	ng	181747	1	7.18	396957	20.0
2-Pentanone, 4-hy...	4.95	6.3	ng	124811	1	7.18	396957	20.0
unknown6.89	6.89	65.5	ng	1299540	1	7.18	396957	20.0
3,4:9,10-Dibenzop...	15.66	6.1	ng	226201	5	16.06	739419	20.0
1-Heneicosyl formate	15.95	3.9	ng	144544	5	16.06	739419	20.0
7,11-Dimethyldode...	17.25	4.0	ng	147901	6	17.83	734108	20.0
3,4:8,9-Dibenzopy...	17.63	2.7	ng	98456	6	17.83	734108	20.0
Benzo[e]pyrene	17.70	3.1	ng	112173	6	17.83	734108	20.0