

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079088.D
 Acq On : 9 May 2015 19:00
 Operator : TP/IZ
 Sample : G2084-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2

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	1.484	24	26	29	rVB	4771165	6166736	69.02%	15.436%
2	1.621	35	38	41	rVB	216777	395563	4.43%	0.990%
3	1.747	48	49	52	rBV	423921	572609	6.41%	1.433%
4	1.804	52	54	58	rVV	244023	349732	3.91%	0.875%
5	1.873	58	60	82	rVV	2875067	5325626	59.60%	13.331%
6	2.147	82	84	97	rVB	78520	182744	2.05%	0.457%
7	4.501	285	290	293	rBV	5663644	8934960	100.00%	22.366%
8	5.119	342	344	353	rVB	106395	130523	1.46%	0.327%
9	5.576	381	384	385	rBV	231134	248684	2.78%	0.622%
10	5.622	385	388	390	rVB	1336632	1491485	16.69%	3.733%
11	5.896	409	412	415	rVB	89901	90898	1.02%	0.228%
12	6.627	474	476	479	rBV	79230	91444	1.02%	0.229%
13	6.879	495	498	500	rVB	1593142	1582881	17.72%	3.962%
14	7.027	509	511	514	rBV	1649949	1537422	17.21%	3.848%
15	7.313	534	536	539	rBV	410375	495564	5.55%	1.240%
16	7.507	550	553	555	rVB	1009328	1017117	11.38%	2.546%
17	8.010	594	597	599	rVB	1047205	965519	10.81%	2.417%
18	8.890	672	674	676	rBV	630296	689092	7.71%	1.725%
19	10.239	790	792	794	rBV	1551851	1339429	14.99%	3.353%
20	10.742	834	836	839	rBV	103837	94119	1.05%	0.236%
21	11.074	862	865	867	rBV	739729	797177	8.92%	1.995%
22	12.045	948	950	953	rBV2	801742	994182	11.13%	2.489%
23	12.914	1024	1026	1031	rBV2	849437	948592	10.62%	2.374%
24	14.422	1155	1158	1160	rBV	326059	313603	3.51%	0.785%
25	14.708	1179	1183	1185	rBV	242254	324401	3.63%	0.812%
26	14.914	1198	1201	1203	rBV	1270159	1338178	14.98%	3.350%
27	16.091	1301	1304	1309	rBV2	108975	226784	2.54%	0.568%
28	16.217	1311	1315	1317	rVV2	841077	1127173	12.62%	2.822%
29	16.251	1317	1318	1320	rVB	131510	95240	1.07%	0.238%
30	17.531	1427	1430	1437	rBV	178732	423457	4.74%	1.060%
31	17.863	1456	1459	1462	rVB	120375	147471	1.65%	0.369%
32	17.920	1462	1464	1468	rBV	140693	190362	2.13%	0.477%
33	17.989	1468	1470	1473	rBV	578877	856293	9.58%	2.143%
34	19.474	1597	1600	1606	rVB2	78210	178012	1.99%	0.446%

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

35	19.714	1614	1621	1624	rBV5	25126	117514	1.32%	0.294%
36	19.909	1635	1638	1648	rVB	67223	168658	1.89%	0.422%

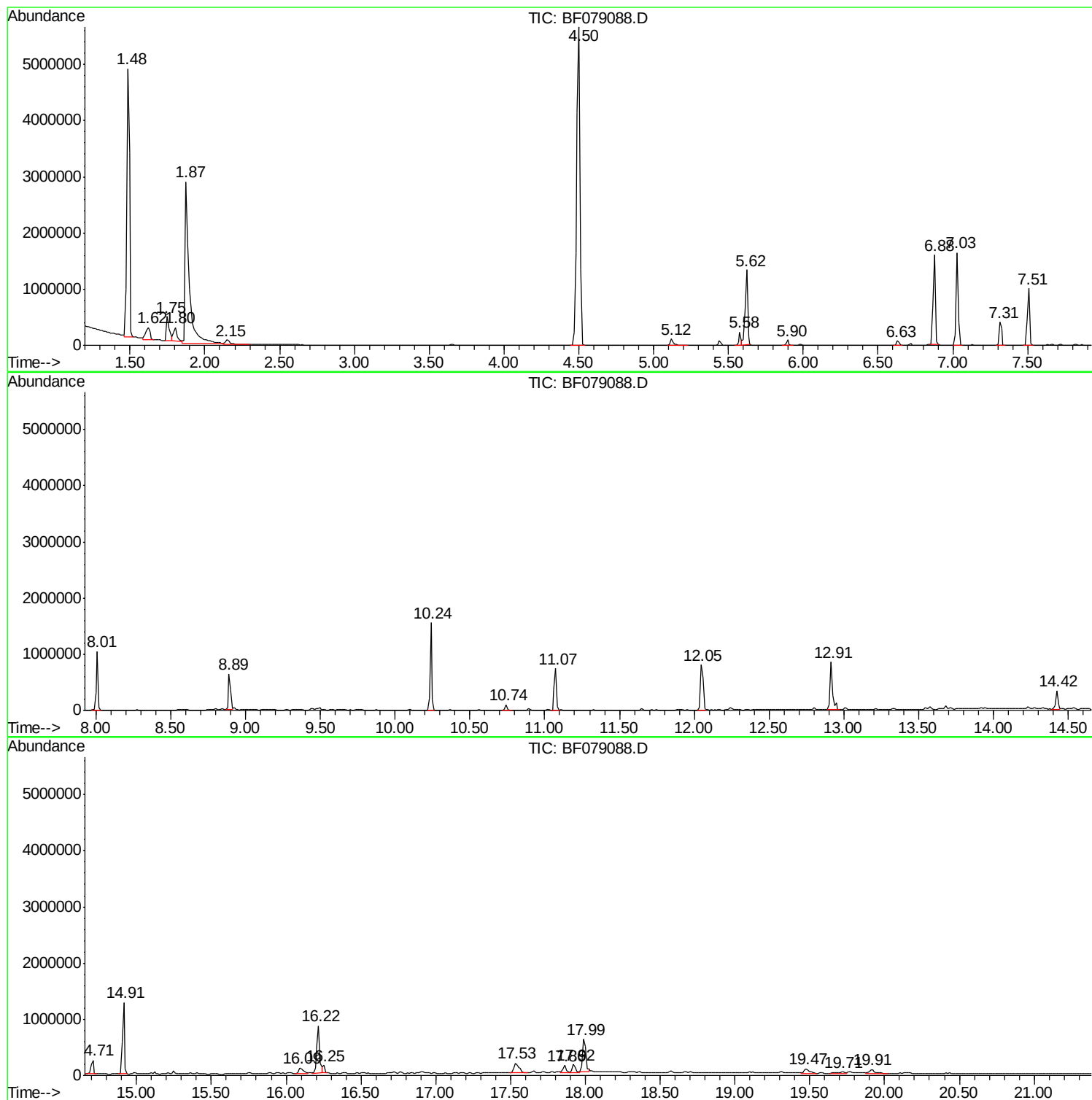
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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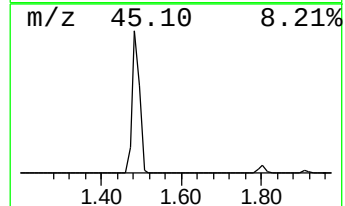
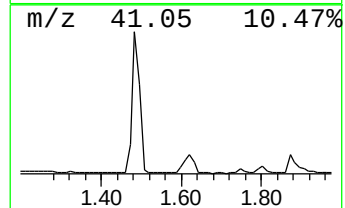
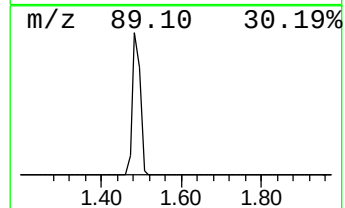
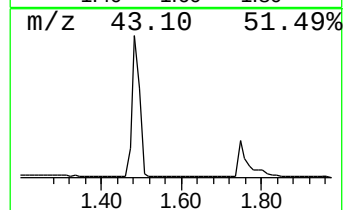
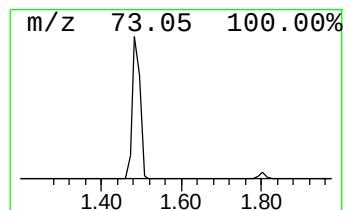
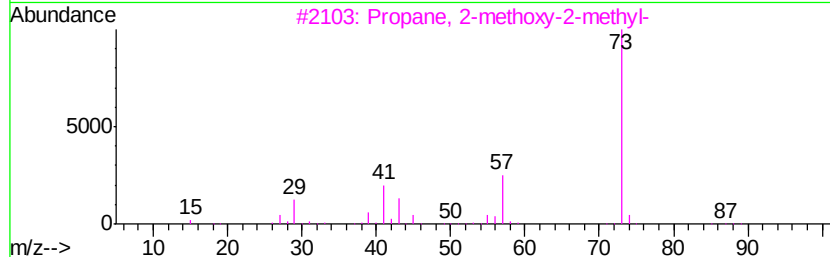
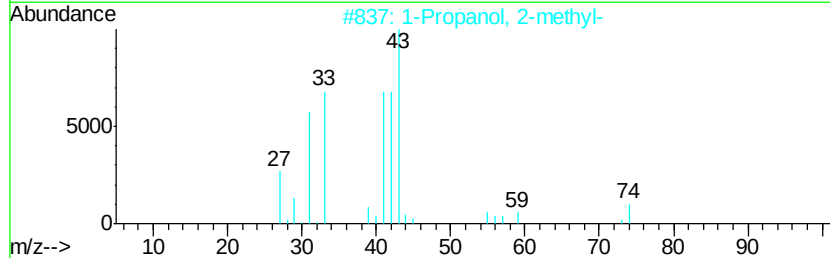
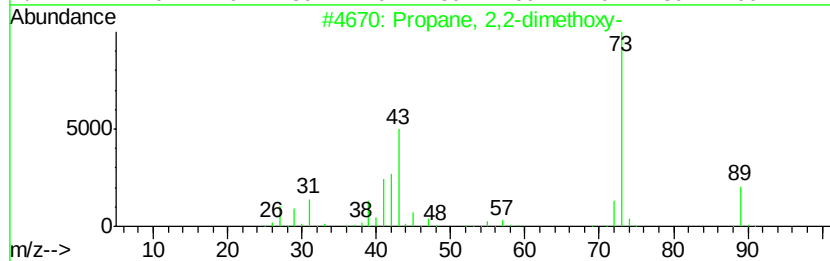
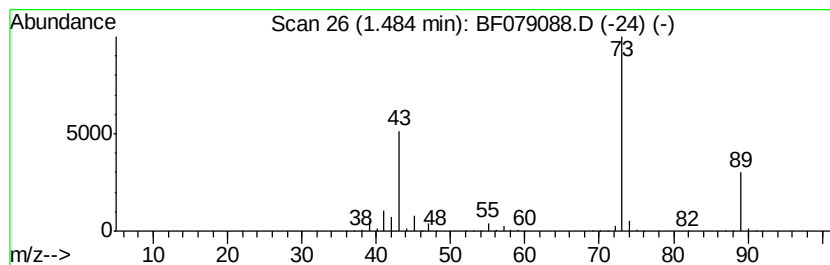
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	248.88 ng	6166740	1,4-Dichlorobenzene-d4	7.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9



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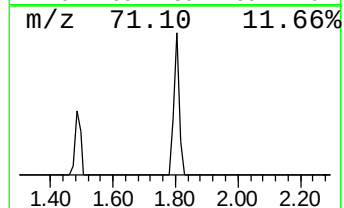
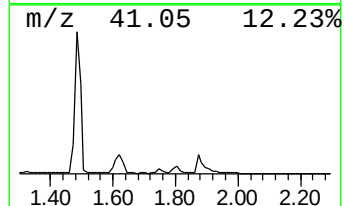
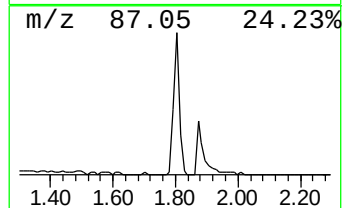
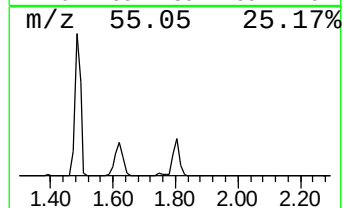
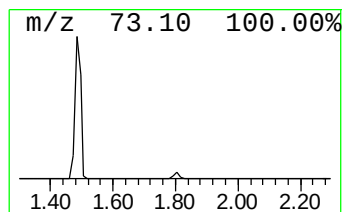
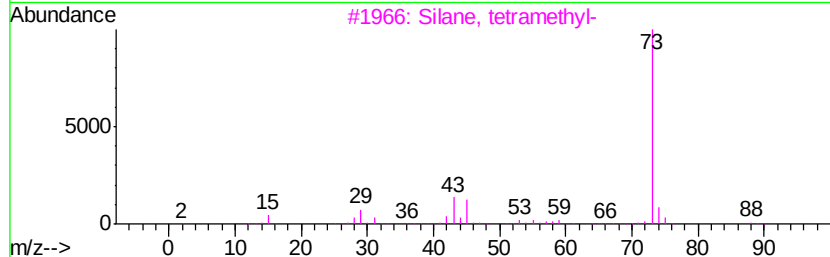
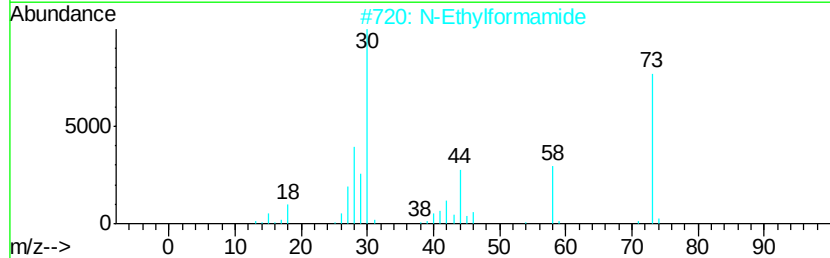
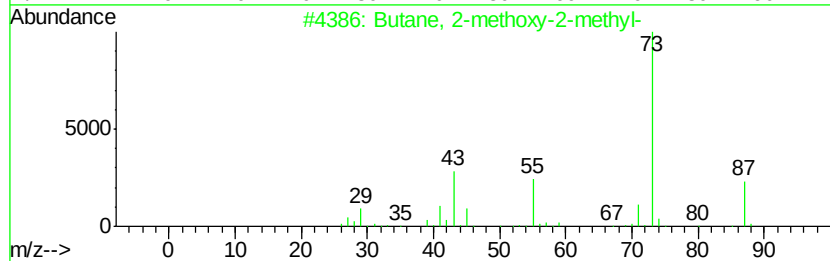
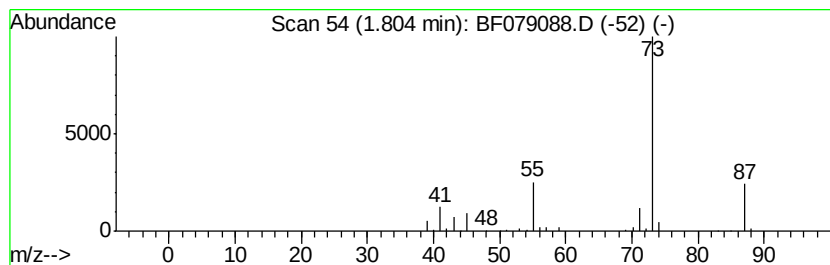
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.80	14.11 ng	349732	1,4-Dichlorobenzene-d4	7.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		N-Ethylformamide	73	C3H7NO	000627-45-2	23
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9



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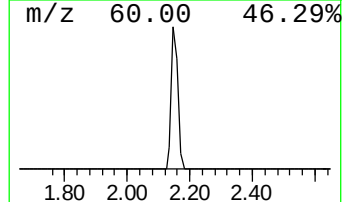
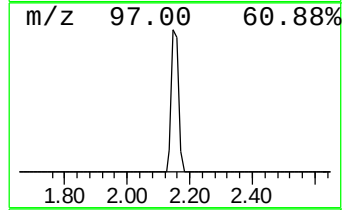
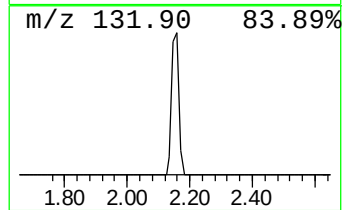
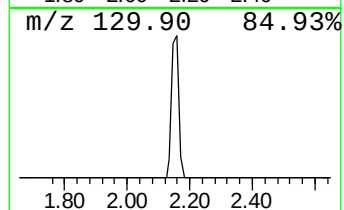
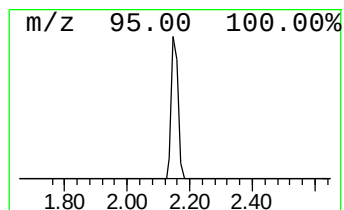
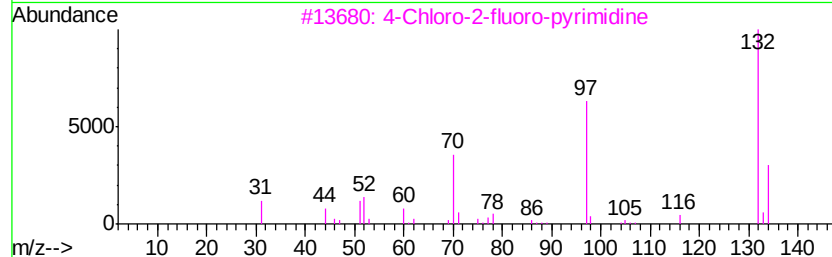
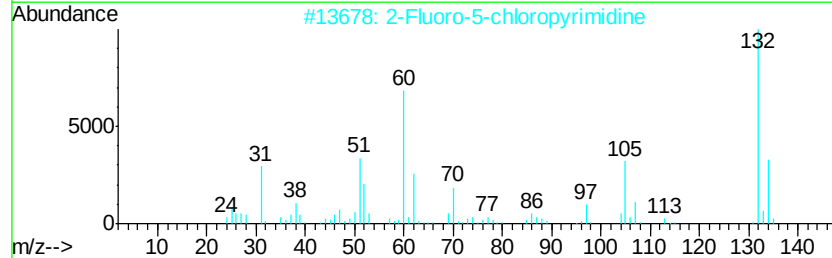
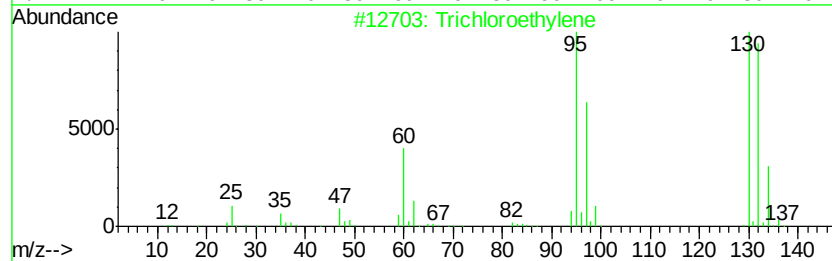
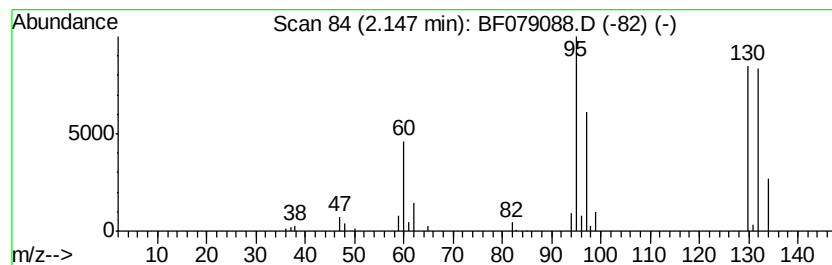
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Trichloroethylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	7.38 ng	182744	1,4-Dichlorobenzene-d4	7.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	38
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	25
4	1,3-Oxathiane, 4,6-dimethyl-, tr...	132	C6H12OS	022452-26-2	10
5	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	10



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ALS Vial : 47 Sample Multiplier: 1

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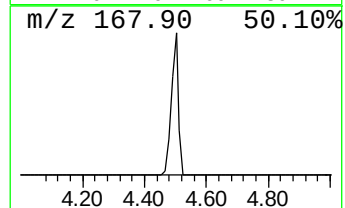
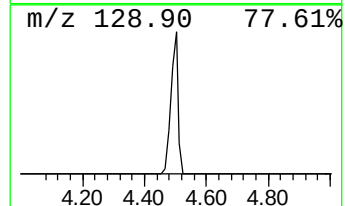
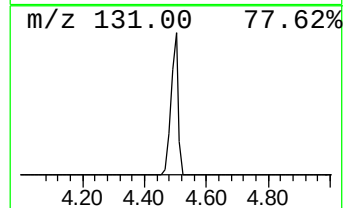
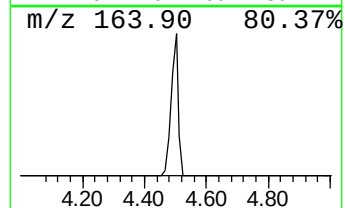
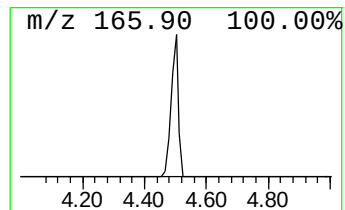
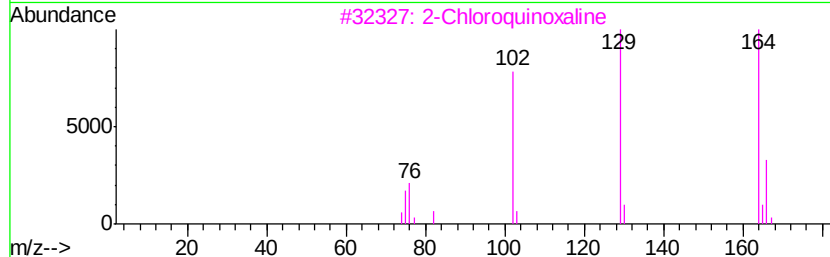
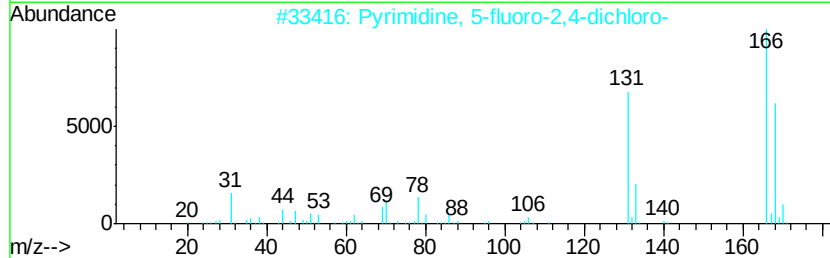
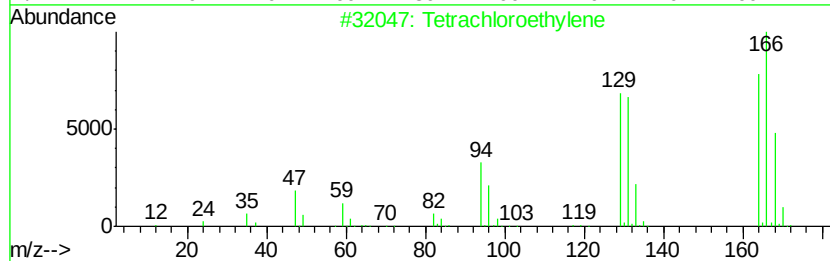
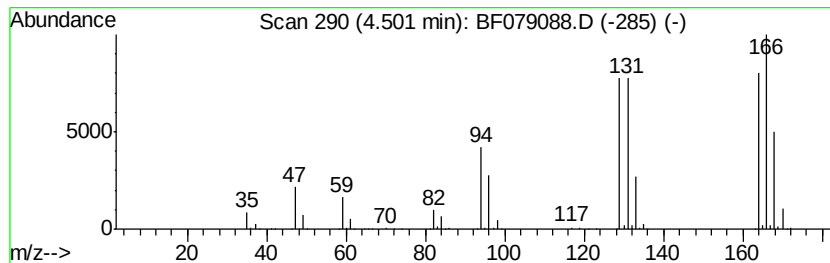
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	360.60 ng	8934960	1,4-Dichlorobenzene-d4	7.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
2		Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	25
3		2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	12
4		Thioxan-3-one, oxime	131	C5H9NOS	058230-51-6	10
5		1,3-Dichloro-4-fluorobenzene	164	C6H3Cl2F	001435-48-9	9



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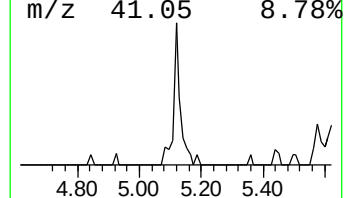
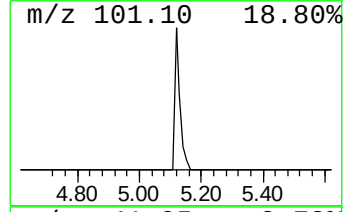
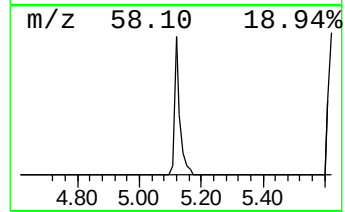
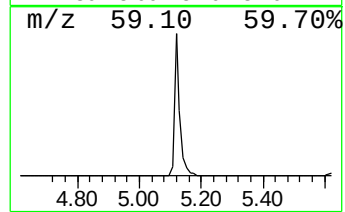
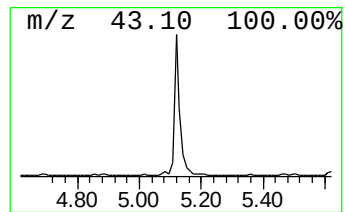
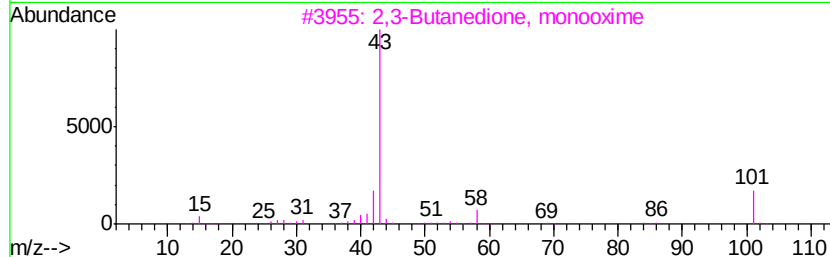
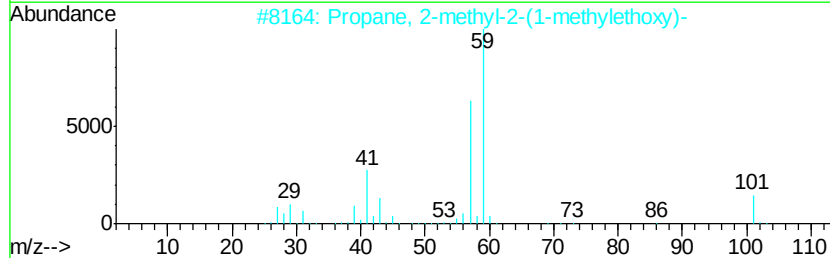
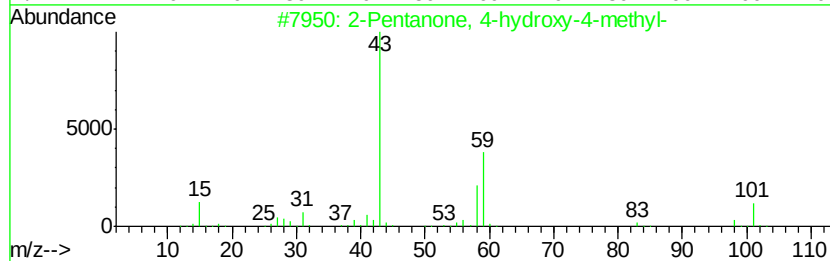
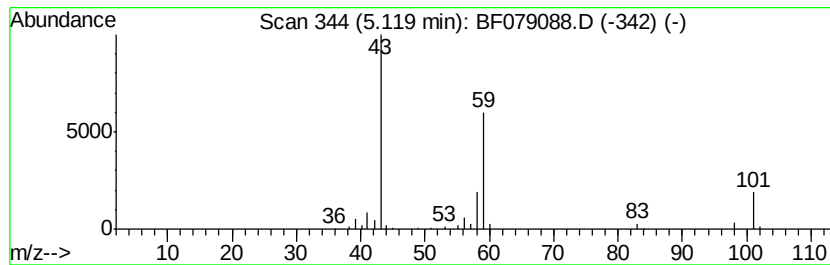
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	5.27 ng	130523	1,4-Dichlorobenzene-d4	7.31

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-methyleth...	116	C7H16O	017348-59-3	42
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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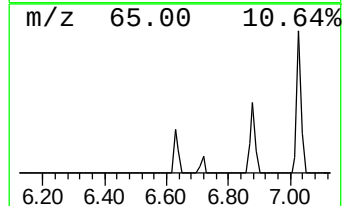
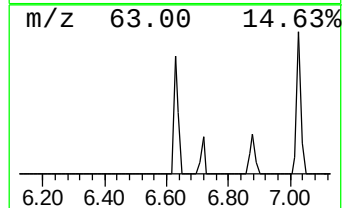
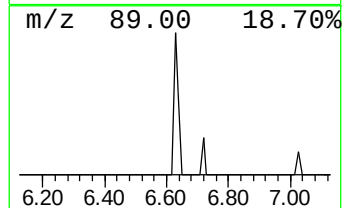
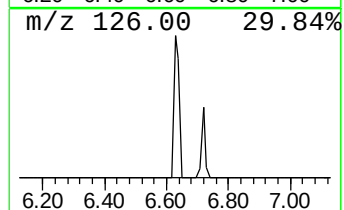
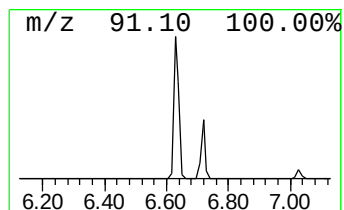
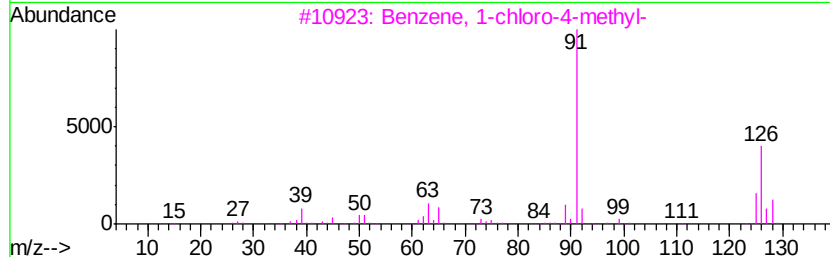
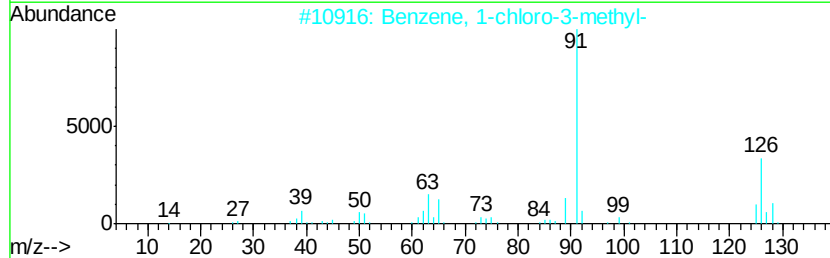
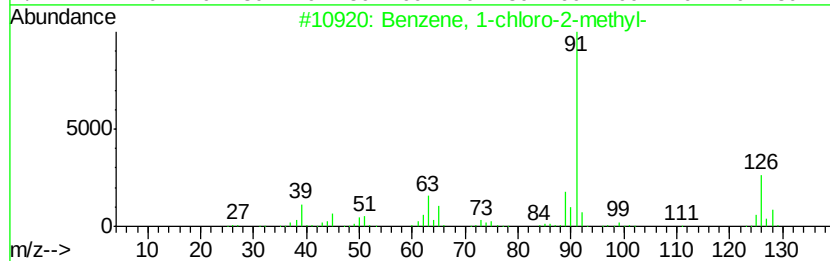
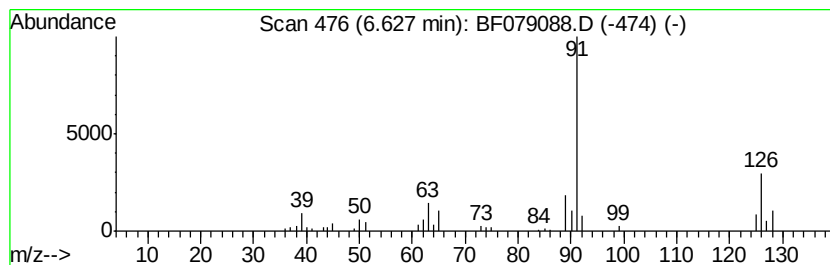
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-chloro-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	3.69 ng	91444	1,4-Dichlorobenzene-d4	7.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	97
2			Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	94
3			Benzene, 1-chloro-4-methyl-	126	C7H7Cl	000106-43-4	87
4			Benzyl chloride	126	C7H7Cl	000100-44-7	87
5			4-Chlorobenzene, 2-benzyloxy-3,5...	477	C20H14Br2ClNO	142821-58-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
Data File : BF079088.D
Acq On : 9 May 2015 19:00
Operator : TP/IZ
Sample : G2084-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

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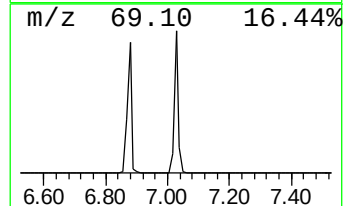
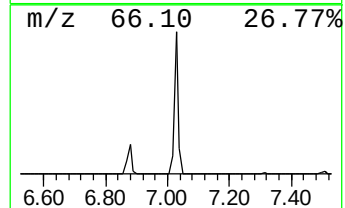
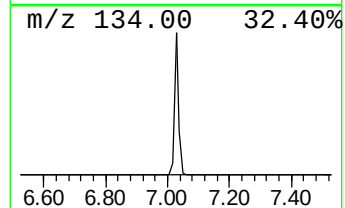
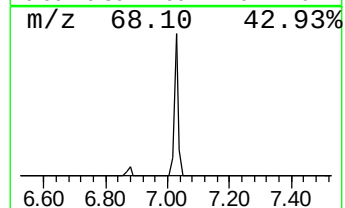
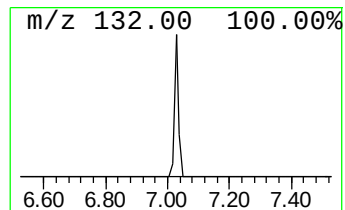
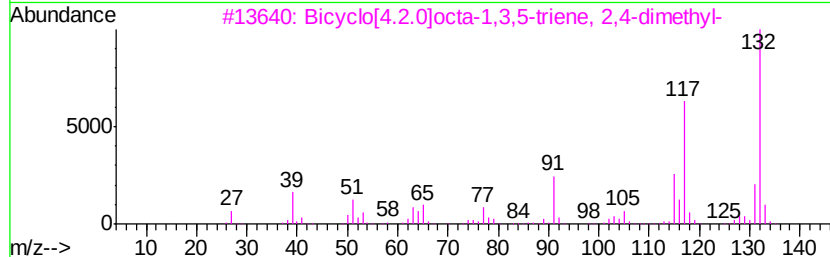
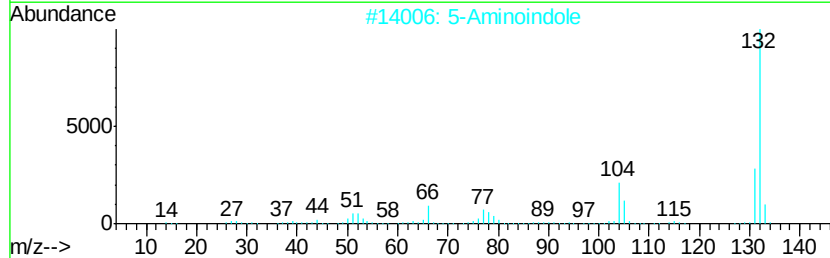
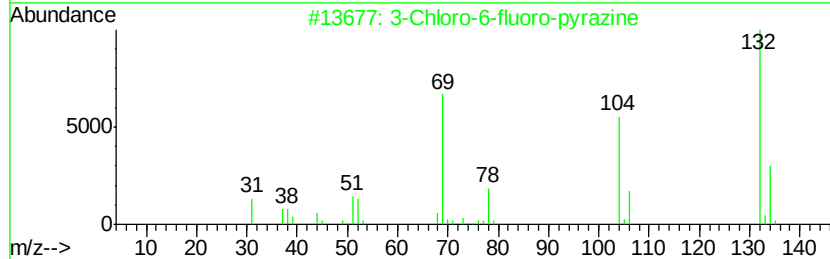
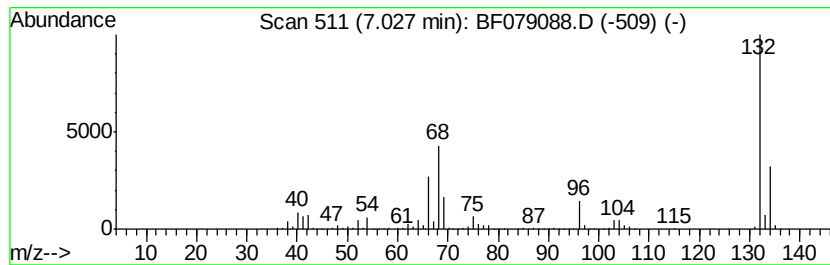
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	62.05 ng	1537420	1,4-Dichlorobenzene-d4	7.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
Data File : BF079088.D
Acq On : 9 May 2015 19:00
Operator : TP/IZ
Sample : G2084-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

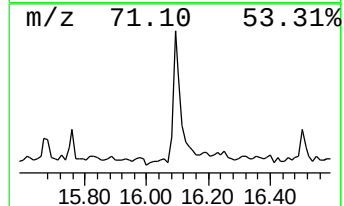
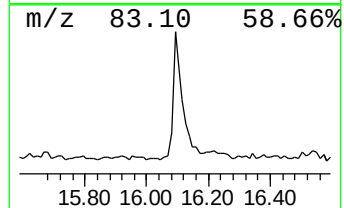
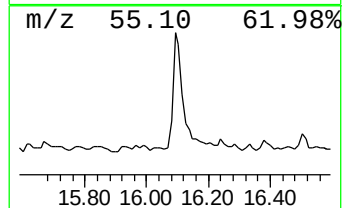
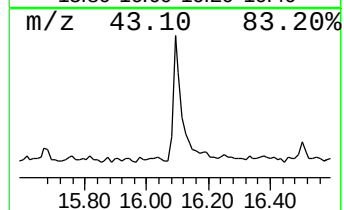
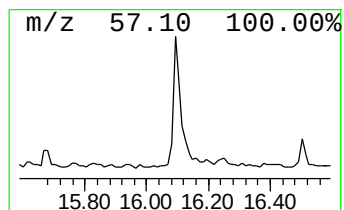
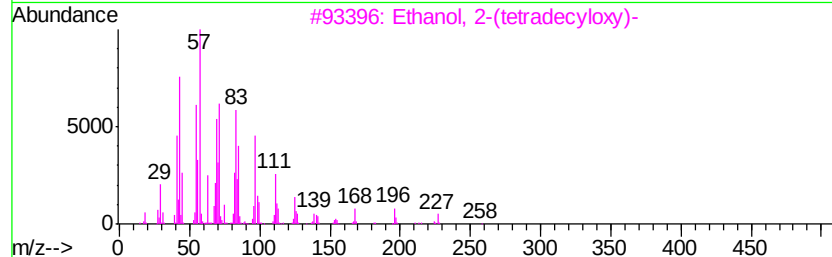
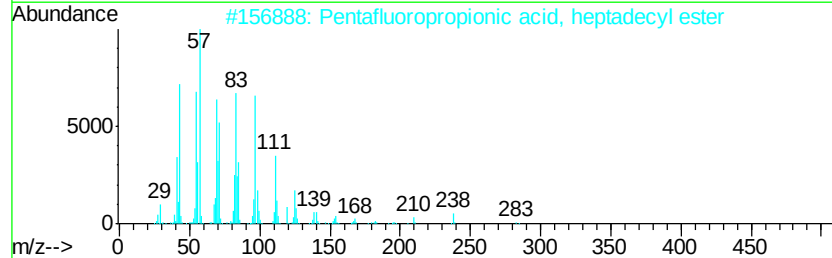
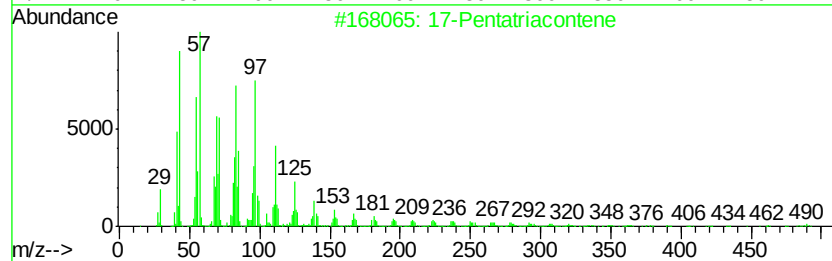
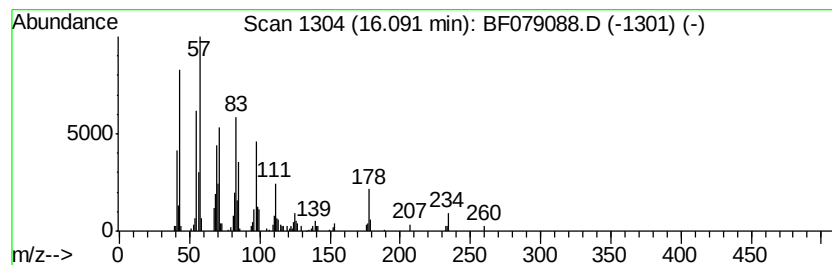
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 17-Pentatriacontene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	4.02 ng	226784	Chrysene-d12	16.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491 C35H70	006971-40-0	83
2	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2	74
3	Ethanol, 2-(tetradecyl)-	258 C16H34O2	002136-70-1	68
4	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	64
5	1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
Data File : BF079088.D
Acq On : 9 May 2015 19:00
Operator : TP/IZ
Sample : G2084-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2

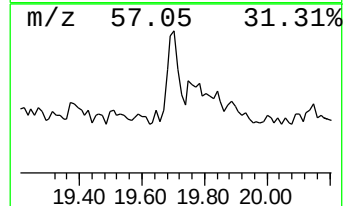
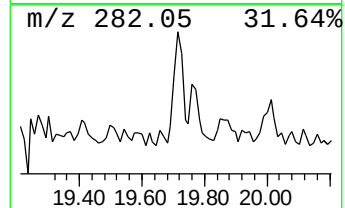
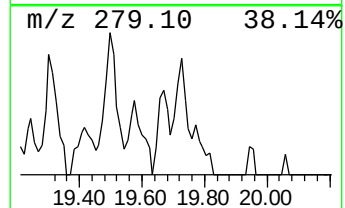
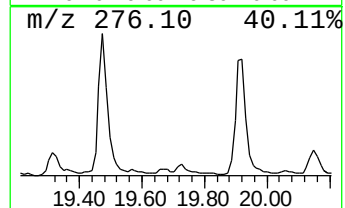
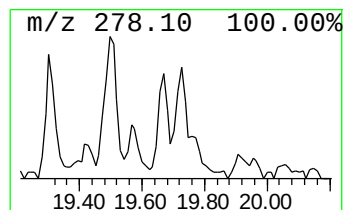
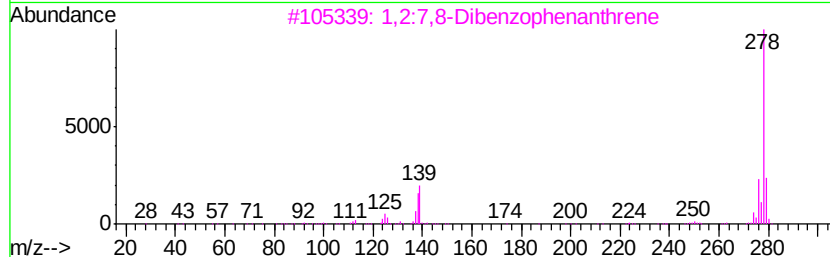
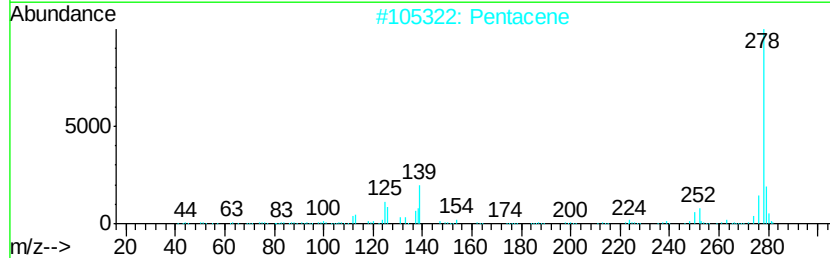
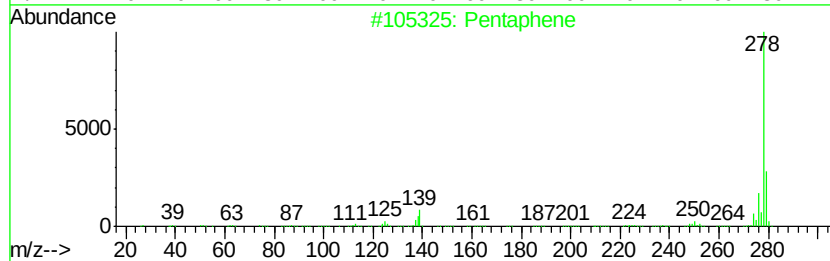
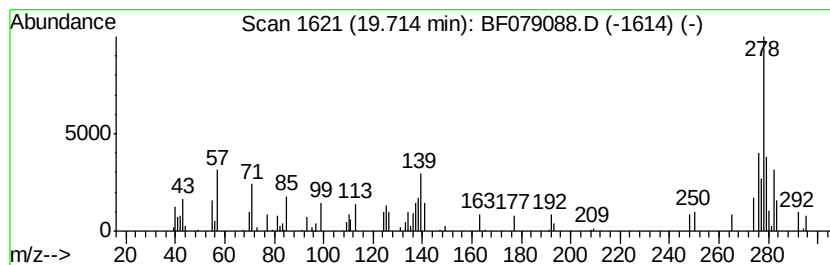
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown19.71 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	2.74 ng	117514	Perylene-d12	17.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaphene	278	C22H14	000222-93-5	46
2		Pentacene	278	C22H14	000135-48-8	43
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	43
4		Dibenzo-1,2,7,8-anthracene	278	C22H14	000224-41-9	43
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
Data File : BF079088.D
Acq On : 9 May 2015 19:00
Operator : TP/IZ
Sample : G2084-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_F
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...	1.48	248.9	ng	6166740	1	7.31	495564	20.0
Butane, 2-methoxy...	1.80	14.1	ng	349732	1	7.31	495564	20.0
Trichloroethylene	2.15	7.4	ng	182744	1	7.31	495564	20.0
Tetrachloroethylene	4.50	360.6	ng	8934960	1	7.31	495564	20.0
2-Pentanone, 4-hy...	5.12	5.3	ng	130523	1	7.31	495564	20.0
Benzene, 1-chloro...	6.63	3.7	ng	91444	1	7.31	495564	20.0
unknown7.03	7.03	62.0	ng	1537420	1	7.31	495564	20.0
17-Pentatriacontene	16.09	4.0	ng	226784	5	16.22	1127170	20.0
unknown19.71	19.71	2.7	ng	117514	6	17.99	856293	20.0