

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013395.D
 Acq On : 14 Dec 2017 03:54
 Operator : SJ/JU
 Sample : I6758-13ME 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9B14ME

Manual Integrations
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Sohil
 12/15/2017 7:34:42 PM

Quant Time: Dec 14 06:09:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 06:00:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	151560	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	660824	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	431592	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1128849	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1517807	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1462140	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1756	0.57	ng/uL	0.00
5) Phenol-d5	6.86	99	42041	3.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	27296	3.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	35680	3.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	35320	3.15	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	19199	3.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	18487	3.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	35601	3.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	50532	4.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	153135	3.99	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	174803	3.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	12243	1.83	ng/ul	0.00
57) Fluorene-d10	15.32	176	133566	4.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	11339	1.60	ng/ul	0.00
70) Anthracene-d10	17.17	188	219067	3.87	ng/ul	0.00
76) Pyrene-d10	19.47	212	272477	3.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	258259	3.47	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.51	128	3202429	94.193	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	675487	26.430	ng/ul	95
40) 1,1'-Biphenyl	13.15	154	187689	5.146	ng/ul	94
47) Acenaphthylene	14.04	152	77801	1.774	ng/ul#	94
49) Acenaphthene	14.39	153	650988	21.788	ng/ul	98
53) Dibenzofuran	14.73	168	747274	16.942	ng/ul	99
58) Fluorene	15.37	166	811707	22.245	ng/ul	98
69) Phenanthrene	17.12	178	3988797	62.197	ng/ul	99
71) Anthracene	17.20	178	538497	8.215	ng/ul	98
72) Carbazole	17.48	167	220861	3.917	ng/ul	99
74) Fluoranthene	19.13	202	2140430	27.235	ng/ul#	92
77) Pyrene	19.50	202	1361511	14.765	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	452039	4.694	ng/ul	100
82) Chrysene	21.30	228	379962	4.253	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	306822	3.113	ng/ul#	99
86) Benzo(k)fluoranthene	22.86	252	102140m	1.101	ng/ul	
88) Benzo(a)pyrene	23.39	252	180649	2.040	ng/ul#	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

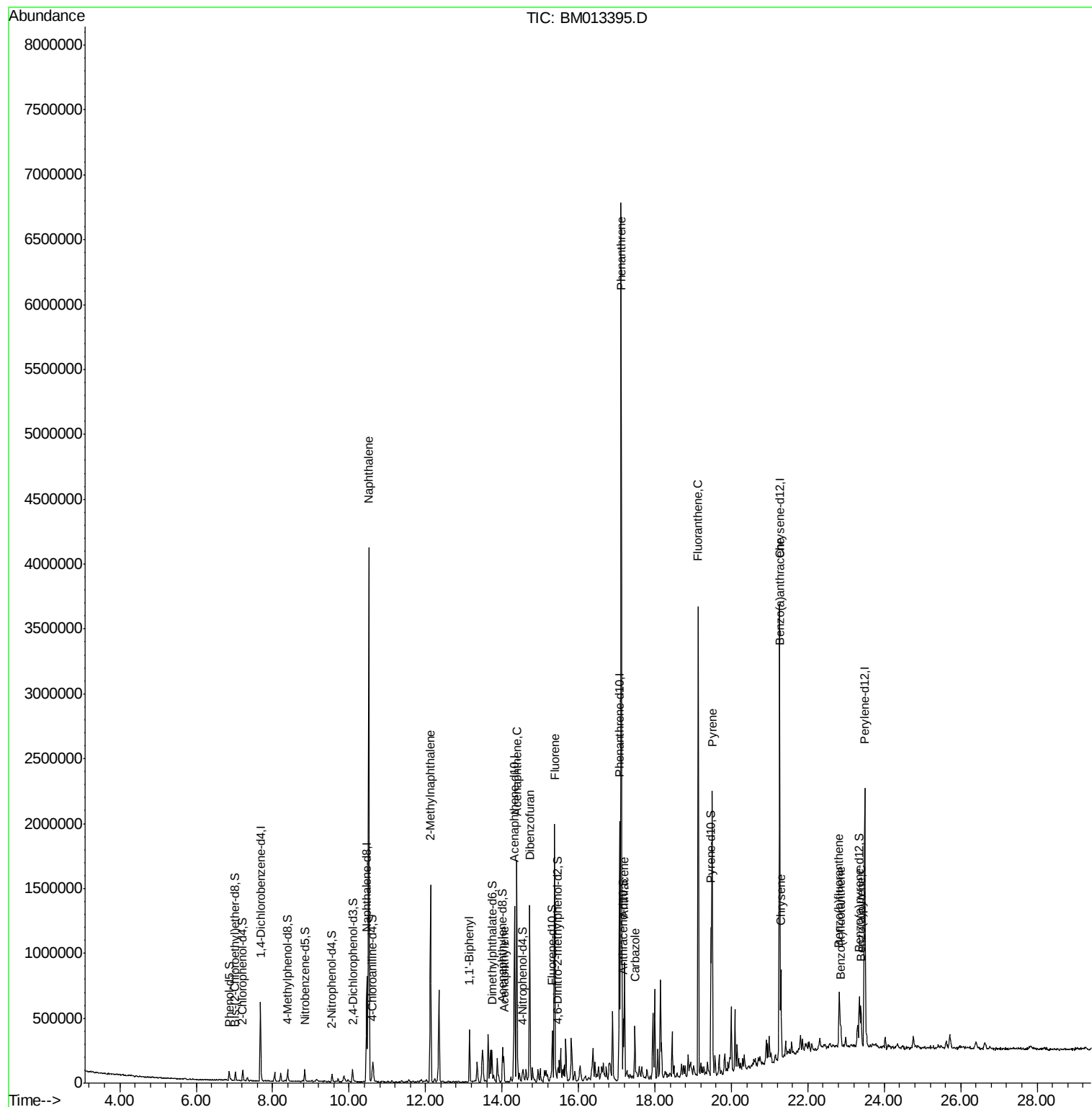
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013395.D
Acq On : 14 Dec 2017 03:54
Operator : SJ/JU
Sample : I6758-13ME 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

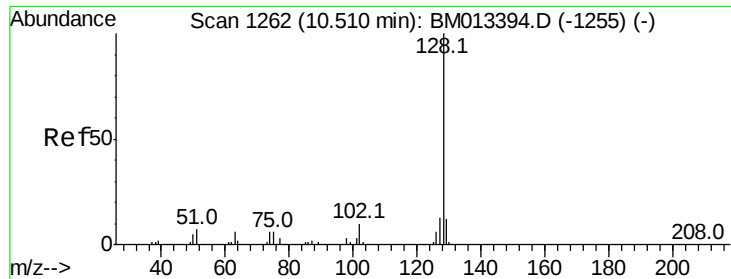
Instrument :
BNA_M
ClientSampleId :
F9B14ME

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Quant Time: Dec 14 06:09:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 06:00:20 2017
Response via : Initial Calibration





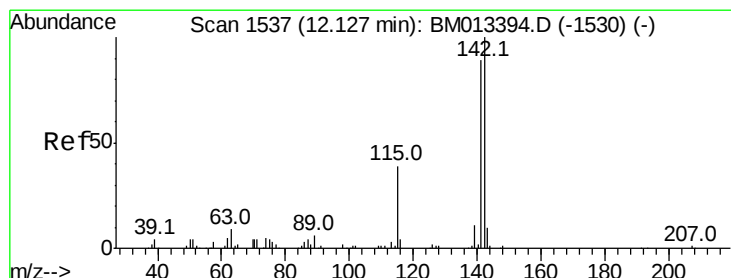
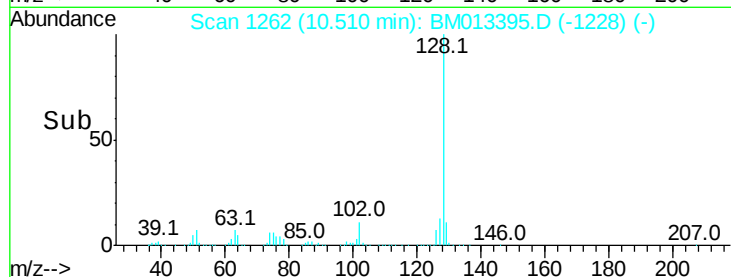
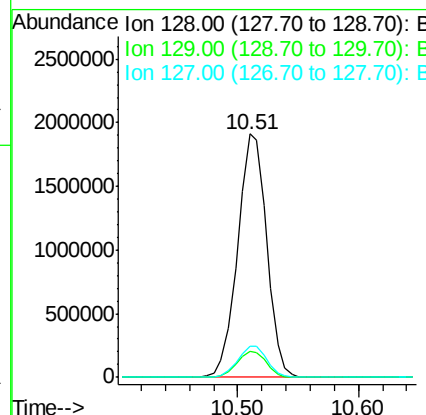
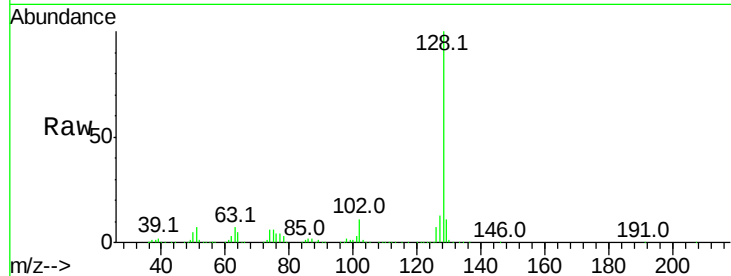
#28
Naphthalene
Concen: 94.193 ng/ul
RT: 10.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :
F9B14ME

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.8	10.6	16.0

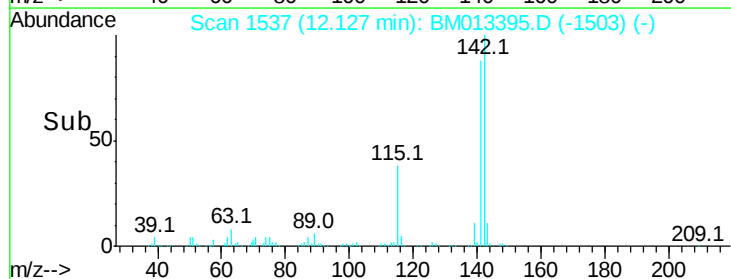
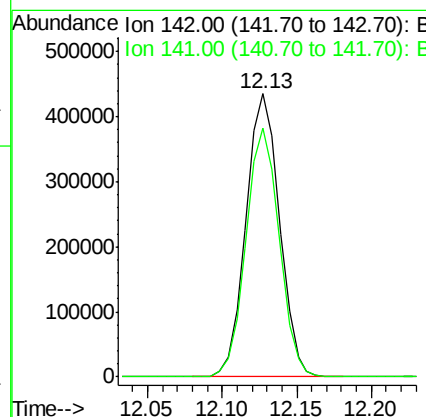
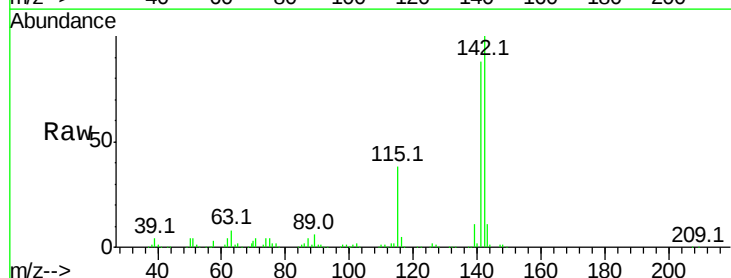
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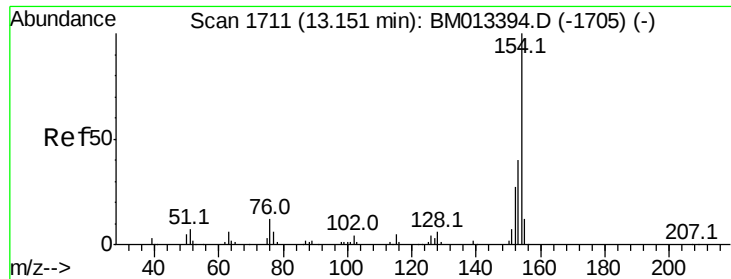
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#34
2-Methylnaphthalene
Concen: 26.430 ng/ul
RT: 12.13 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	74.1	111.1





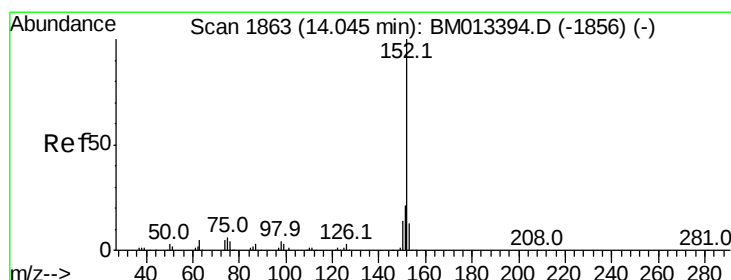
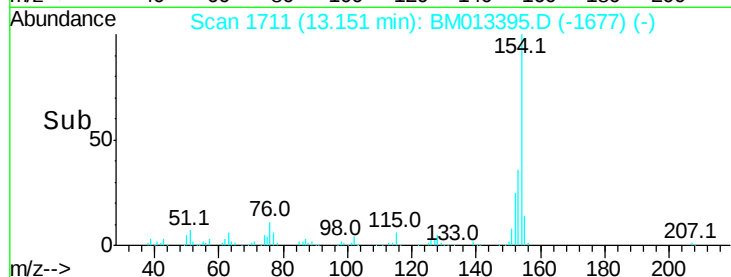
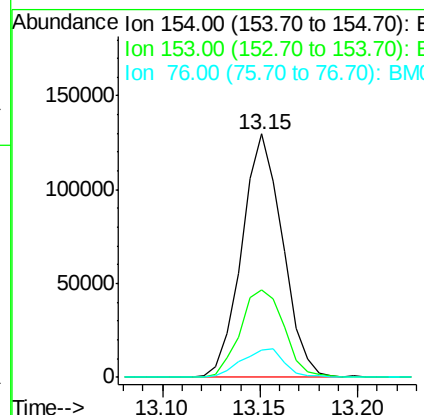
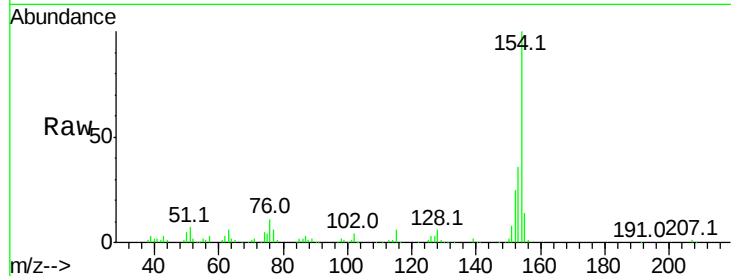
#40
 1,1'-Biphenyl
 Concen: 5.146 ng/ul
 RT: 13.15 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BM013395.D
 Acq: 14 Dec 2017 03:54

Instrument :
 BNA_M
 ClientSampleId :
 F9B14ME

Tot Ion	Ratio	Lower	Upper
154	100		
153	36.2	32.6	48.8
76	11.4	8.5	12.7

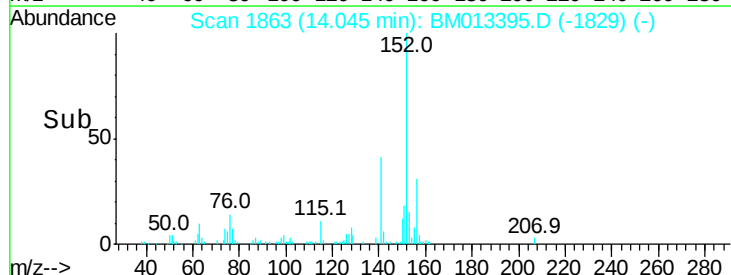
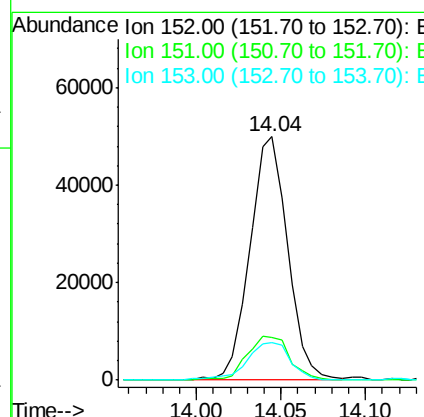
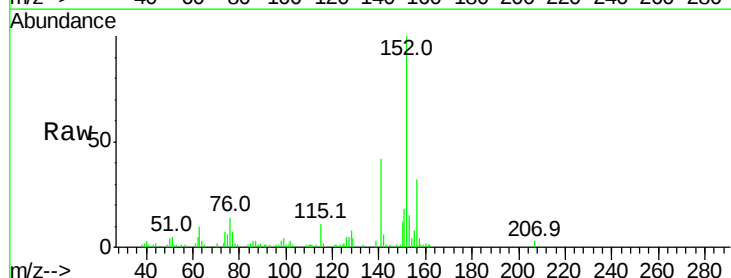
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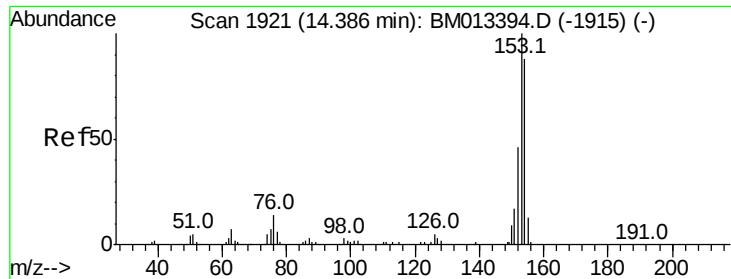
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#47
 Acenaphthylene
 Concen: 1.774 ng/ul
 RT: 14.04 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: BM013395.D
 Acq: 14 Dec 2017 03:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.7	16.3	24.5
153	15.4	10.2	15.4#





#49

Acenaphthene

Concen: 21.788 ng/ul

RT: 14.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BM013395.D

Acq: 14 Dec 2017 03:54

Instrument :

BNA_M

ClientSampleId :

F9B14ME

Tot Ion:153 Resp: 650988

Ion Ratio Lower Upper

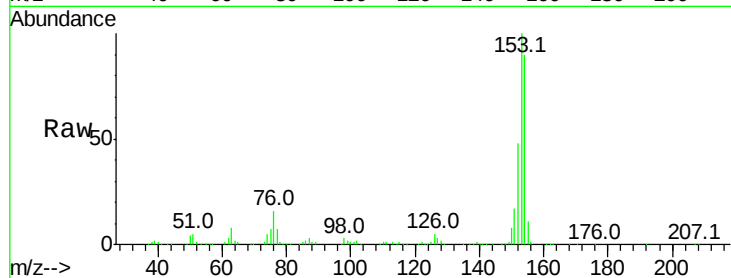
153 100

152 48.0 37.6 56.4

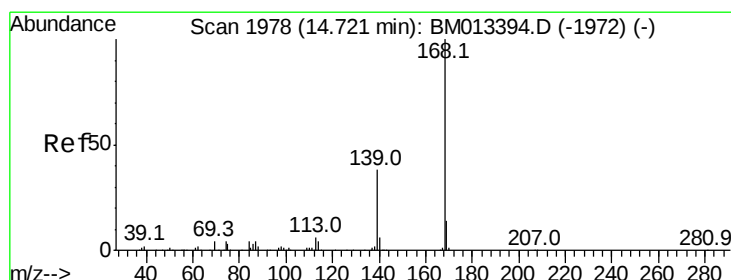
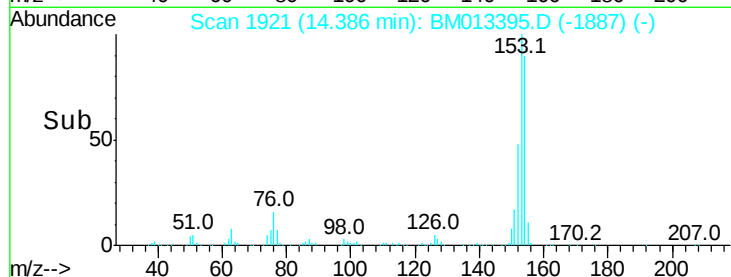
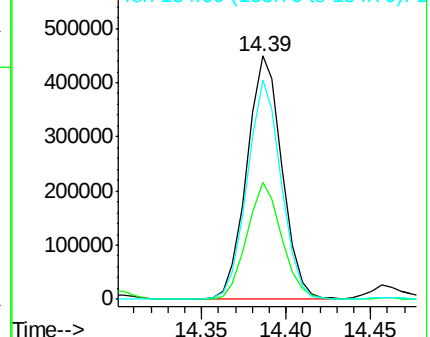
154 90.3 70.4 105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 16.942 ng/ul

RT: 14.73 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM013395.D

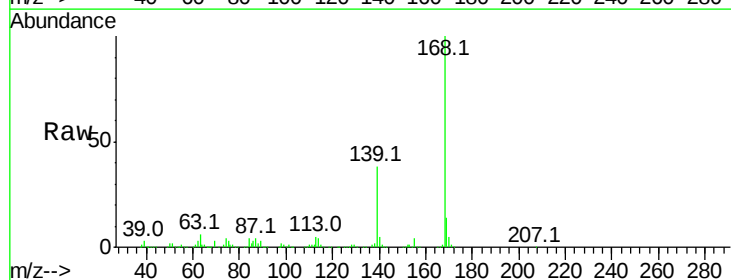
Acq: 14 Dec 2017 03:54

Tgt Ion:168 Resp: 747274

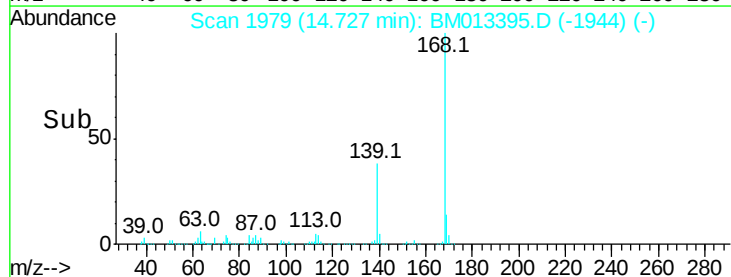
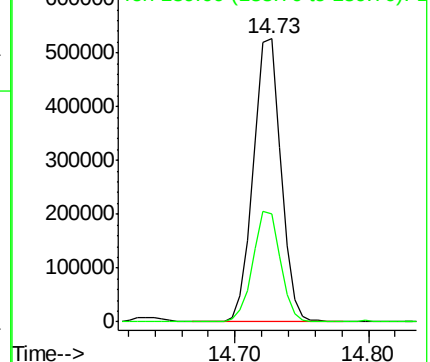
Ion Ratio Lower Upper

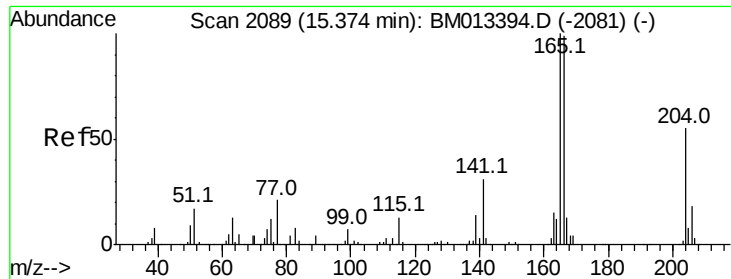
168 100

139 38.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 22.245 ng/ul

RT: 15.37 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BM013395.D

Acq: 14 Dec 2017 03:54

Instrument :

BNA_M

ClientSampleId :

F9B14ME

Tot Ion:166 Resp: 811707

Ion Ratio Lower Upper

166 100

165 98.9 77.9 116.9

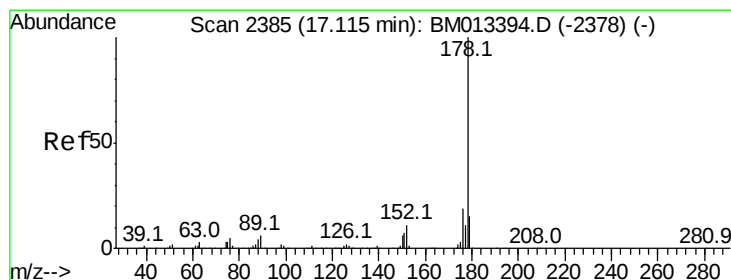
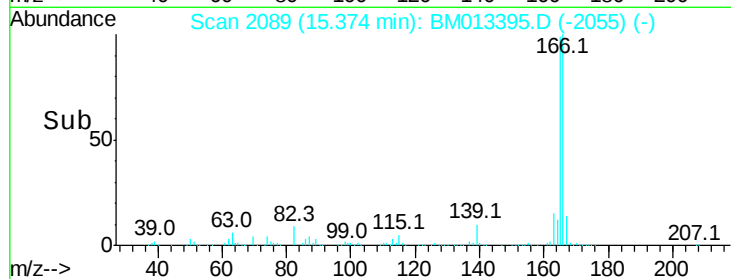
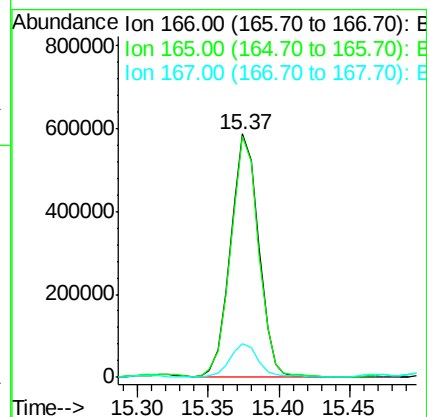
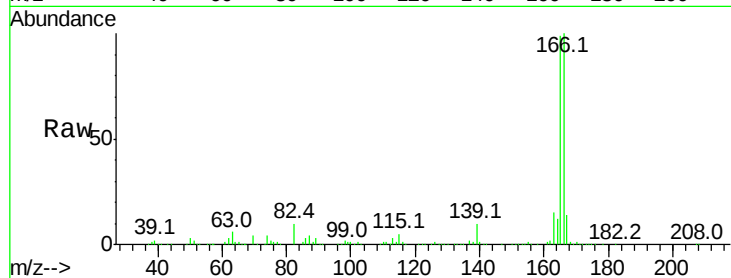
167 13.9 10.6 16.0

Manual Integrations

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#69

Phenanthrene

Concen: 62.197 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM013395.D

Acq: 14 Dec 2017 03:54

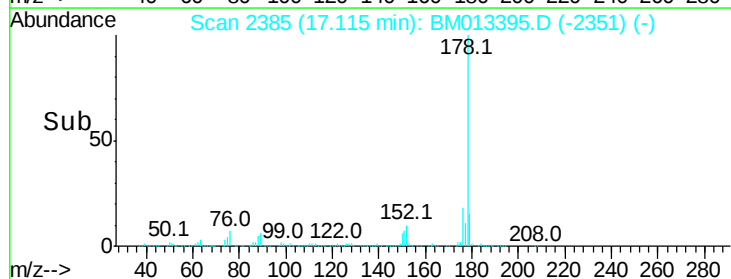
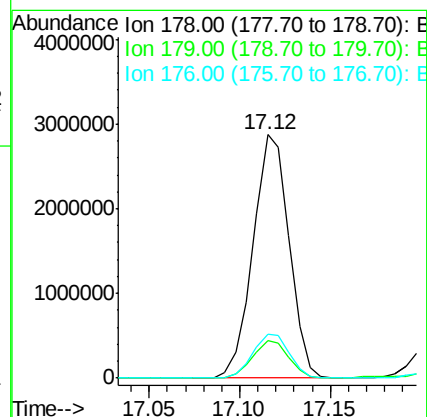
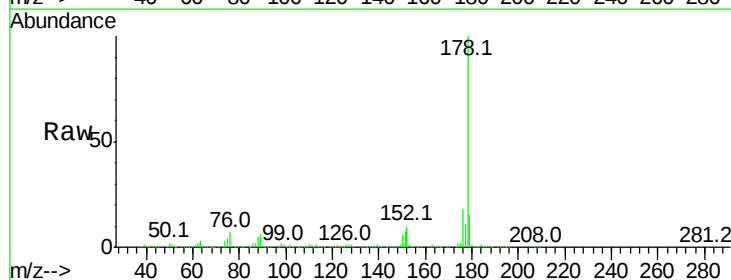
Tgt Ion:178 Resp: 3988797

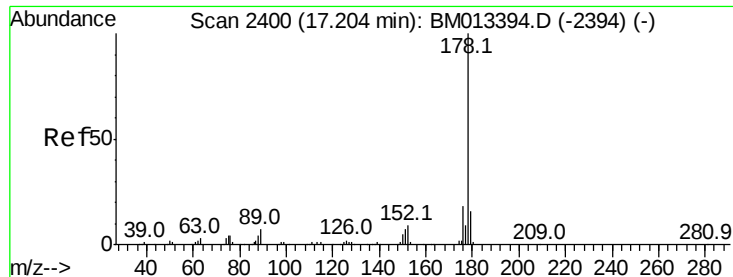
Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

176 18.2 14.9 22.3





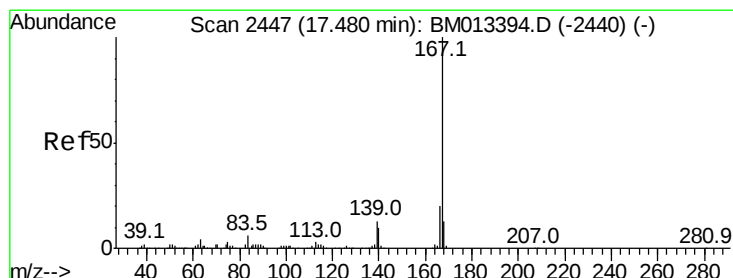
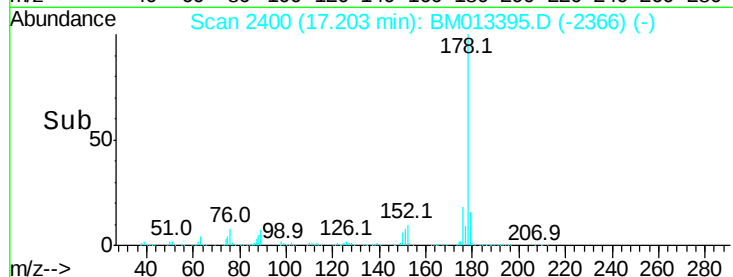
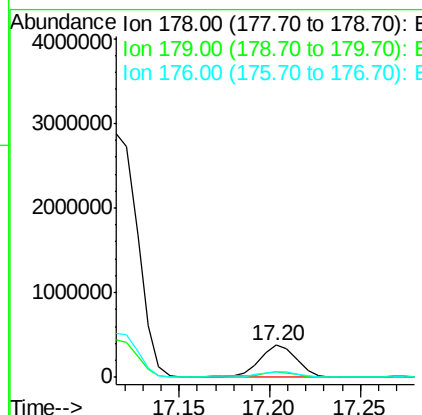
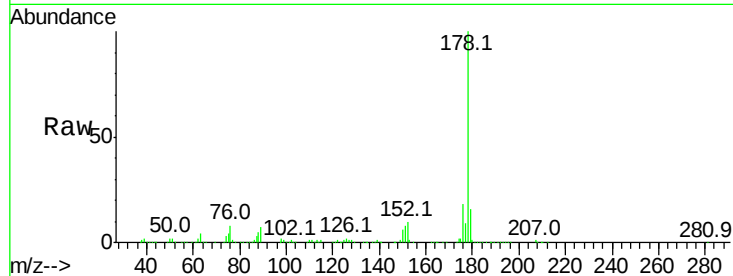
#71
 Anthracene
 Concen: 8.215 ng/ul
 RT: 17.20 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BM013395.D
 Acq: 14 Dec 2017 03:54

Instrument :
 BNA_M
 ClientSampleId :
 F9B14ME

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	18.3	14.6	21.8

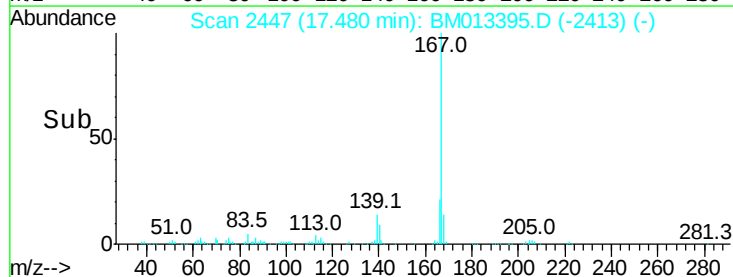
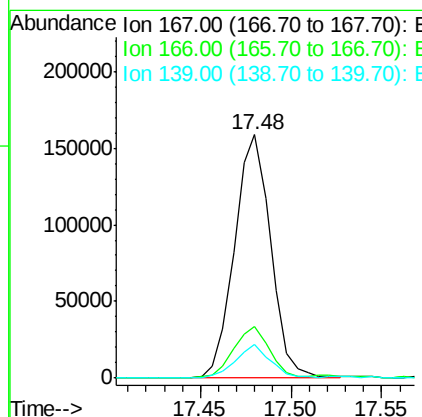
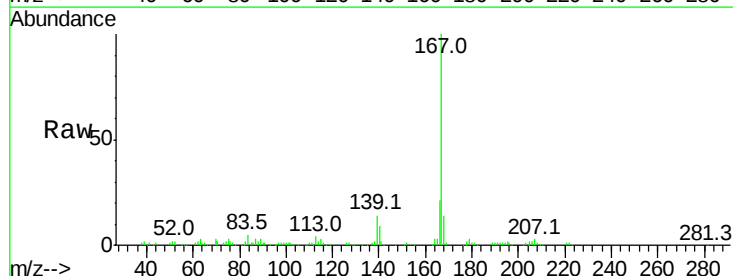
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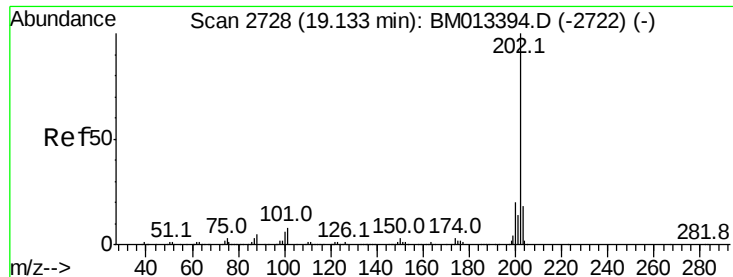
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#72
 Carbazole
 Concen: 3.917 ng/ul
 RT: 17.48 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BM013395.D
 Acq: 14 Dec 2017 03:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.6	10.0	15.0





#74

Fluoranthene

Concen: 27.235 ng/ul

RT: 19.13 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM013395.D

Acq: 14 Dec 2017 03:54

Instrument :

BNA_M

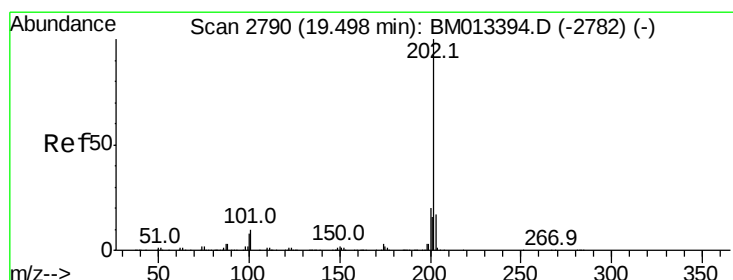
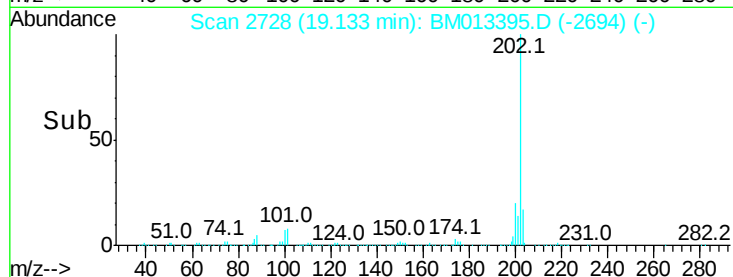
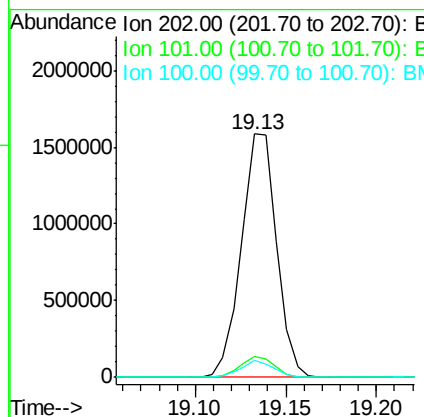
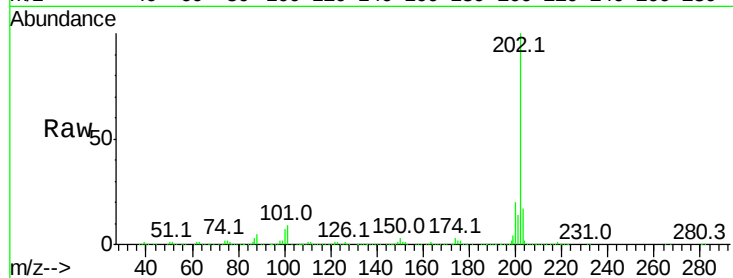
ClientSampleId :

F9B14ME

Tot Ion:	202	Resp:	2140430
Ion Ratio	Lower	Upper	
202	100		
101	8.6	4.6	7.0#
100	7.0	3.4	5.2#

Manual Integrations
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#77

Pyrene

Concen: 14.765 ng/ul

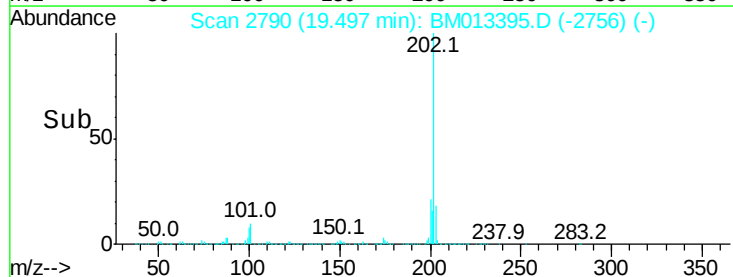
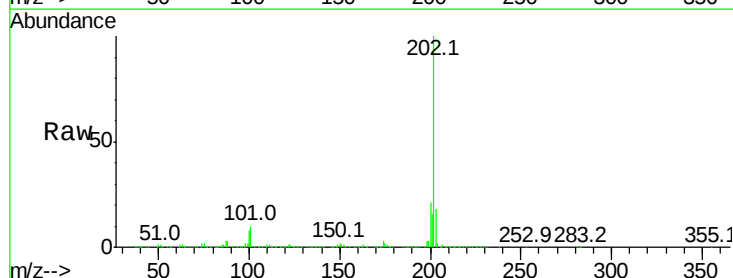
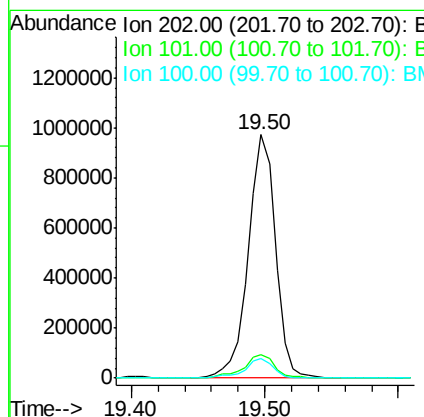
RT: 19.50 min Scan# 2790

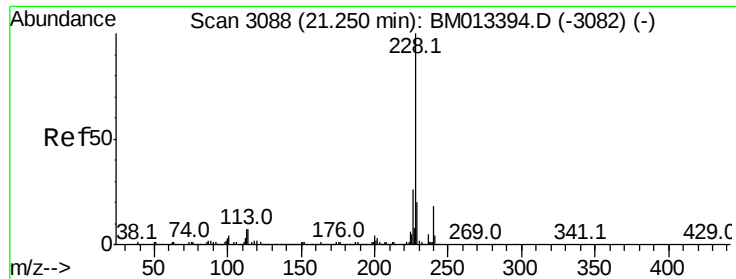
Delta R.T. -0.00 min

Lab File: BM013395.D

Acq: 14 Dec 2017 03:54

Tgt Ion:	202	Resp:	1361511
Ion Ratio	Lower	Upper	
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101	9.6	5.1	7.7#
100	8.1	4.9	7.3#





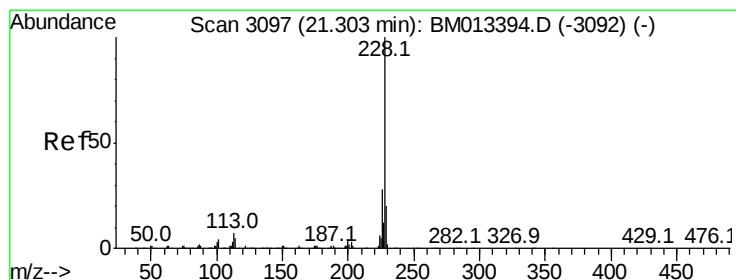
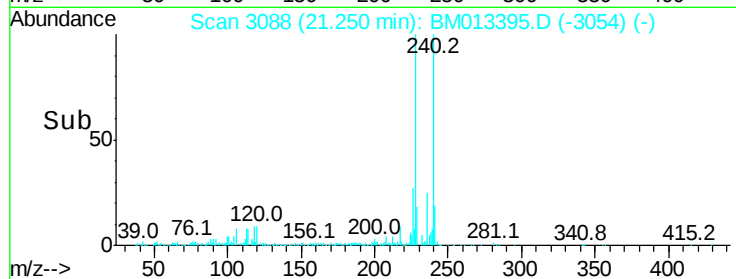
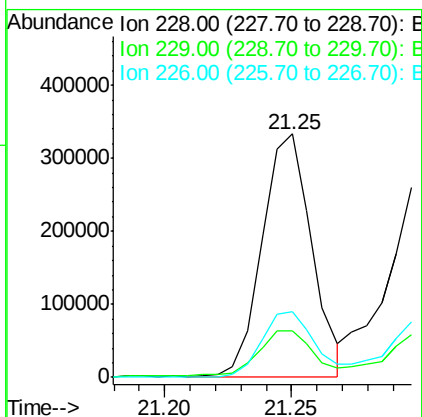
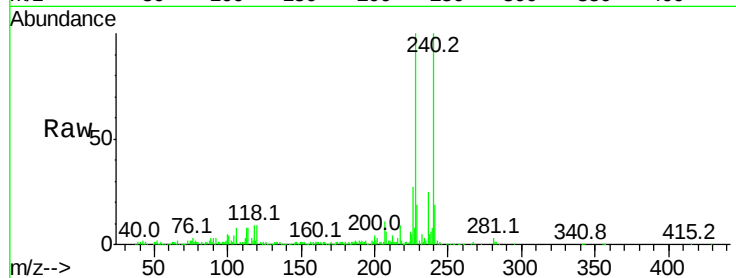
#80
Benzo(a)anthracene
Concen: 4.694 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :
F9B14ME

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.4	23.0
226	26.8	21.4	32.0

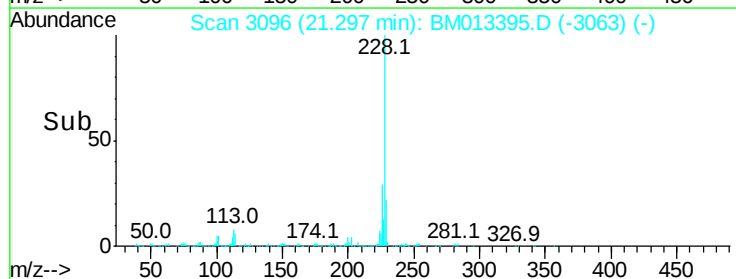
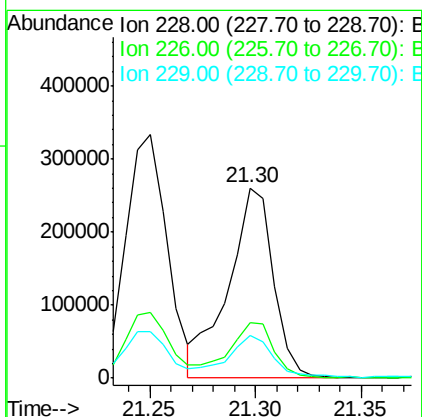
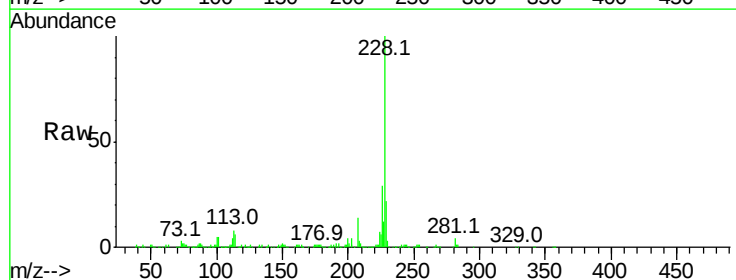
Manual Integrations
APPROVED

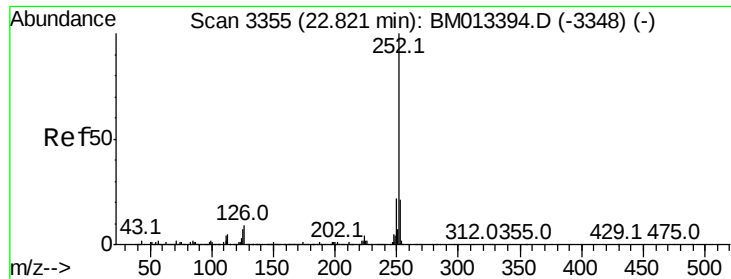
Sohil
12/15/2017 7:34:42 PM



#82
Chrysene
Concen: 4.253 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	22.3	15.5	23.3





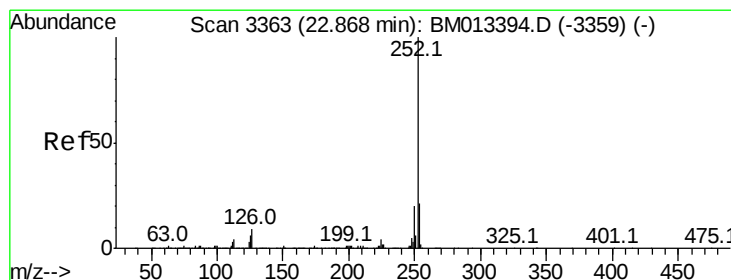
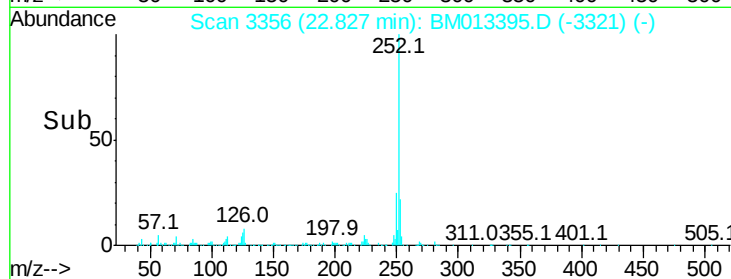
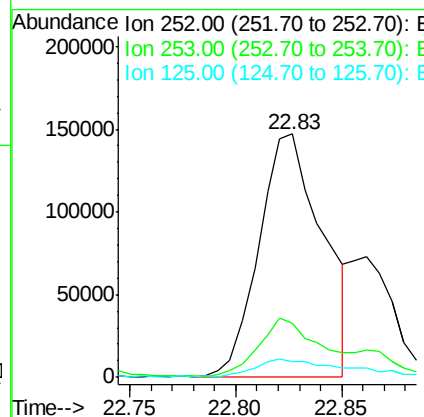
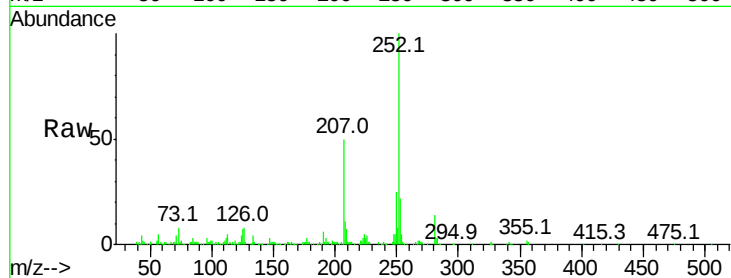
#85
Benzo(b)fluoranthene
Concen: 3.113 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :
F9B14ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	6.6	3.6	5.4

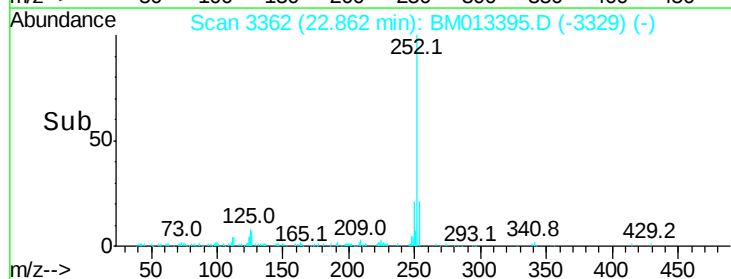
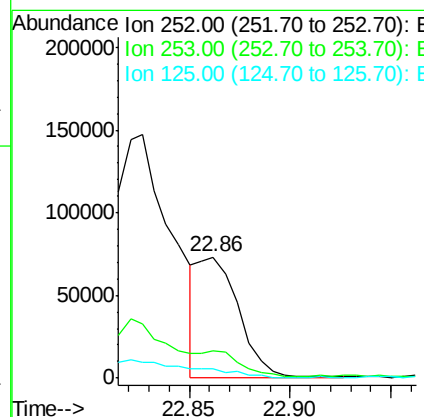
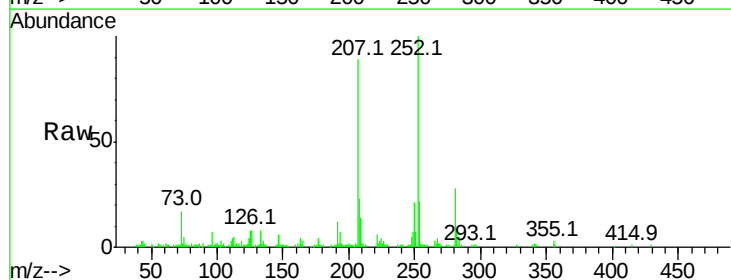
Manual Integrations
APPROVED

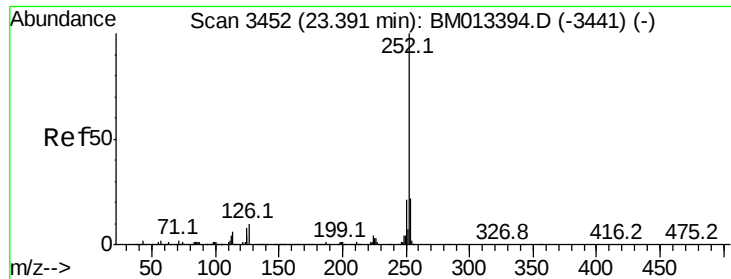
Sohil
12/15/2017 7:34:42 PM



#86
Benzo(k)fluoranthene
Concen: 1.101 ng/ul m
RT: 22.86 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.2	3.4	5.2





#88

Benzo(a)pyrene

Concen: 2.040 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.00 min

Lab File: BM013395.D

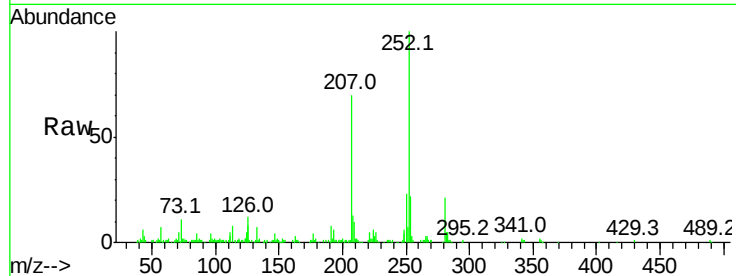
Acq: 14 Dec 2017 03:54

Instrument :

BNA_M

ClientSampleId :

F9B14ME



Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.7	4.0	6.0

Manual Integrations
APPROVED

Sohil
12/15/2017 7:34:42 PM

