

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013328.D
 Acq On : 12 Dec 2017 05:30
 Operator : SJ/JU
 Sample : I6758-13 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B14

Manual Integrations
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Sohil
 12/12/2017 3:57:32 PM

Quant Time: Dec 12 07:27:36 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 02:07:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	262508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1126135	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	666778	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1435082	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1469964	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1230171	20.00	ng/ul	0.00

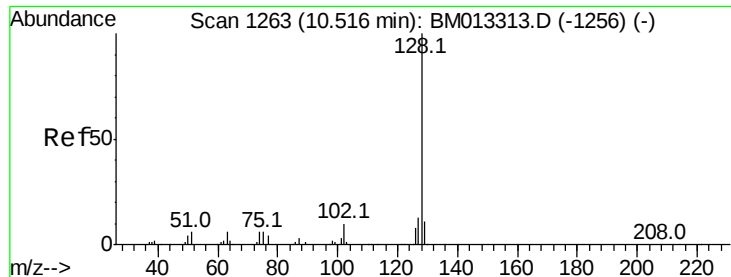
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1903	0.36	ng/uL	0.00
5) Phenol-d5	6.86	99	42945	1.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	27512	2.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	36856	2.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	36516	1.88	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	21516	2.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	20770	2.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	40440	2.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	50563	2.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	141112	2.38	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	161365	2.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	15015	1.46	ng/ul	0.01
57) Fluorene-d10	15.33	176	112343	2.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	11858	1.31	ng/ul	0.01
70) Anthracene-d10	17.18	188	177273	2.47	ng/ul	0.00
76) Pyrene-d10	19.47	212	188114	2.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	135211	2.16	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.53	128	20602497m	355.593	ng/ul
34) 2-Methylnaphthalene	12.14	142	5208486	119.588	ng/ul 94
40) 1,1'-Biphenyl	13.16	154	1298580	23.044	ng/ul 97
47) Acenaphthylene	14.05	152	492407	7.267	ng/ul# 95
49) Acenaphthene	14.40	153	4666420	101.095	ng/ul 99
53) Dibenzofuran	14.73	168	4804706	70.509	ng/ul 100
58) Fluorene	15.39	166	5437087	96.449	ng/ul 99
69) Phenanthrene	17.13	178	18275395m	224.156	ng/ul
71) Anthracene	17.22	178	3066477	36.796	ng/ul 98
72) Carbazole	17.49	167	1079507	15.060	ng/ul 100
74) Fluoranthene	19.15	202	11548851	115.590	ng/ul# 90
77) Pyrene	19.51	202	7133224	79.875	ng/ul# 91
80) Benzo(a)anthracene	21.26	228	2092134	22.432	ng/ul 97
82) Chrysene	21.30	228	1741302	20.124	ng/ul 98
85) Benzo(b)fluoranthene	22.83	252	1350025	16.280	ng/ul# 98
86) Benzo(k)fluoranthene	22.87	252	439404m	5.630	ng/ul
88) Benzo(a)pyrene	23.40	252	793871	10.657	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	25.72	276	342872	4.639	ng/ul 96
90) Dibenzo(a,h)anthracene	25.73	278	102314	1.626	ng/ul# 80
91) Benzo(g,h,i)perylene	26.40	276	255378	4.380	ng/ul 98

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



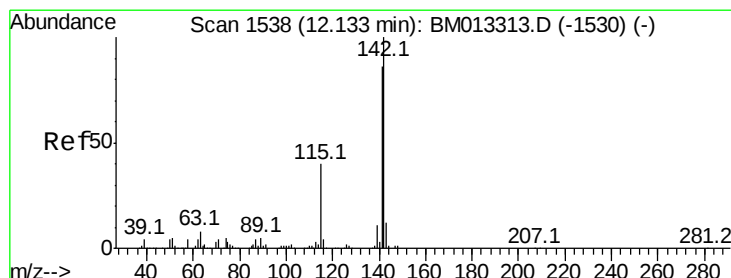
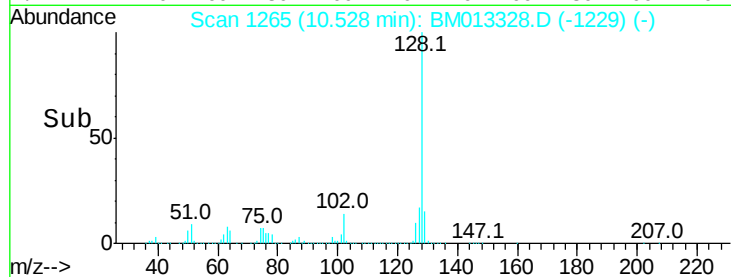
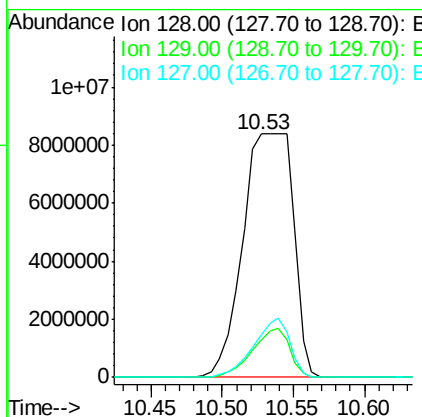
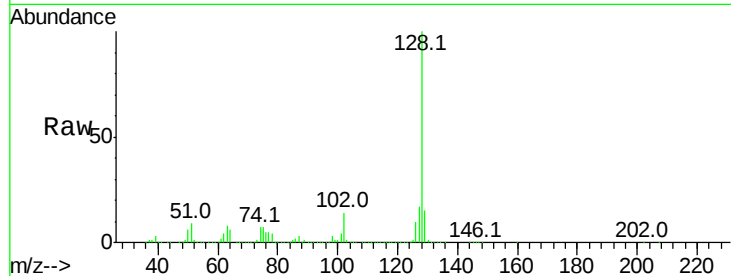
#28
Naphthalene
Concen: 355.593 ng/ul m
RT: 10.53 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BM013328.D
Acq: 12 Dec 2017 05:30

Instrument :
BNA_M
ClientSampleId :
F9B14

Tot Ion:128 Resp:20602497
Ion Ratio Lower Upper
128 100
129 15.2 8.8 13.2#
127 17.4 10.6 16.0#

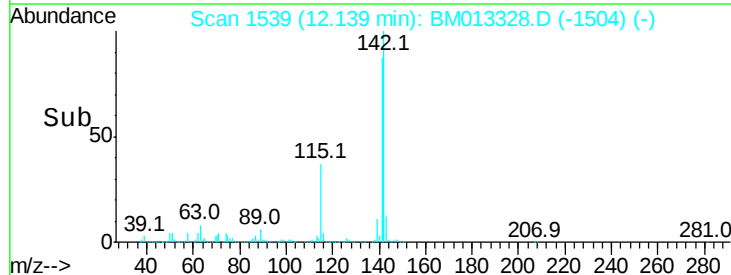
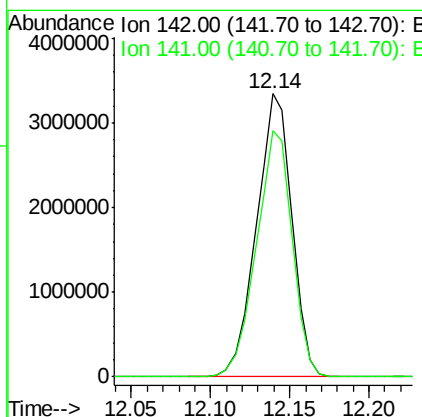
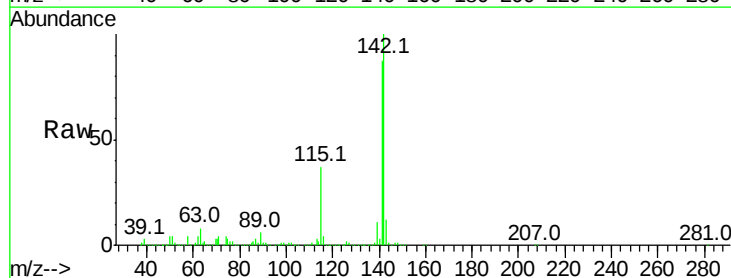
Manual Integrations
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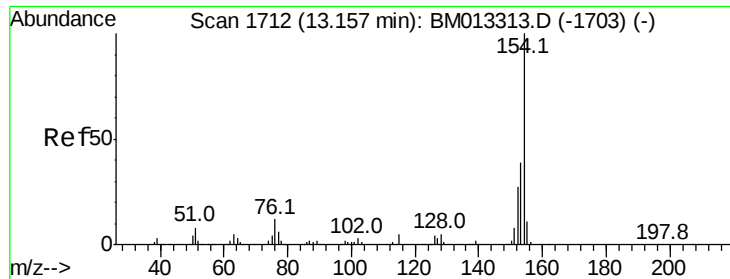
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#34
2-Methylnaphthalene
Concen: 119.588 ng/ul
RT: 12.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BM013328.D
Acq: 12 Dec 2017 05:30

Tgt Ion:142 Resp: 5208486
Ion Ratio Lower Upper
142 100
141 86.8 74.1 111.1





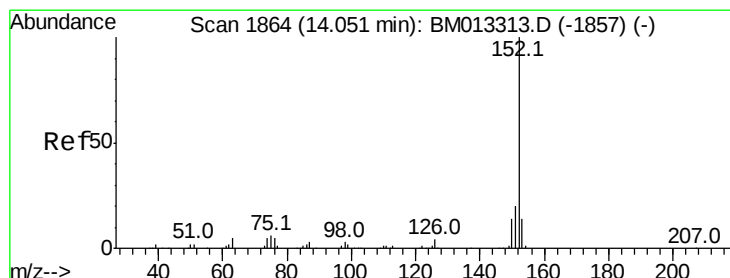
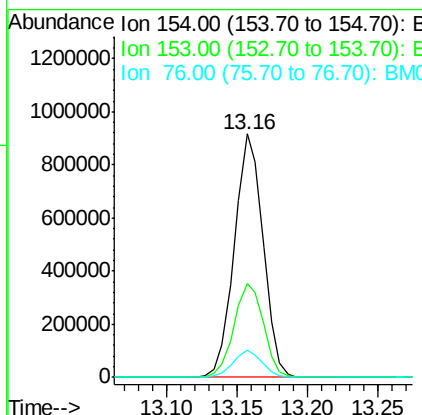
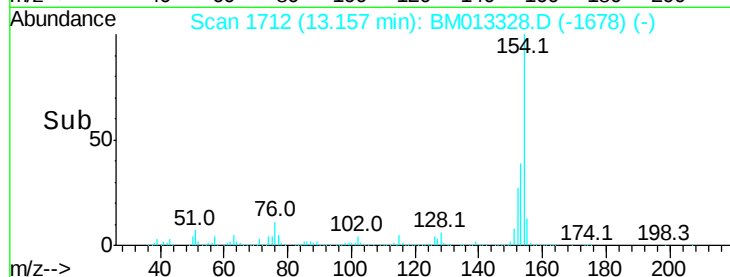
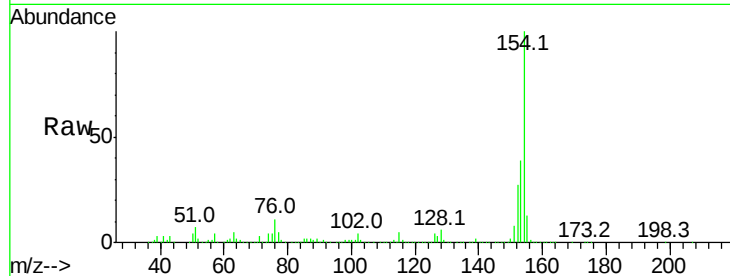
#40
1,1'-Biphenyl
Concen: 23.044 ng/ul
RT: 13.16 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BM013328.D
Acq: 12 Dec 2017 05:30

Instrument :
BNA_M
ClientSampleId :
F9B14

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.6	32.6	48.8
76	11.4	8.5	12.7

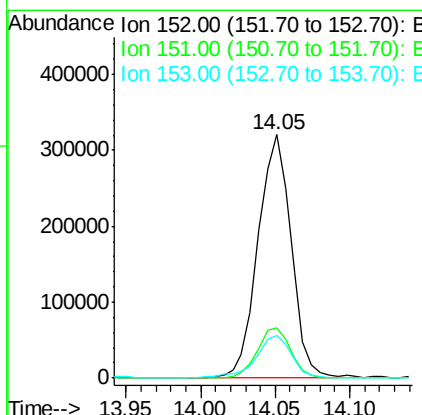
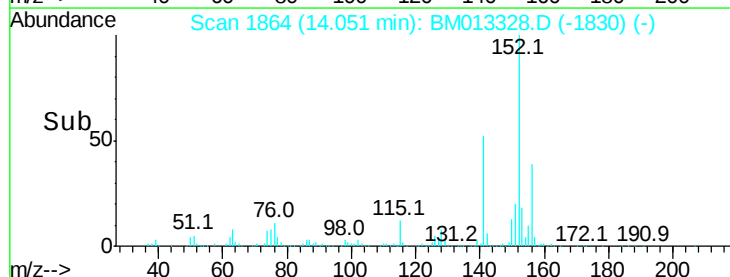
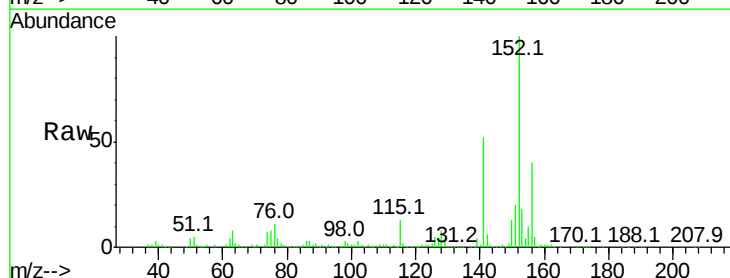
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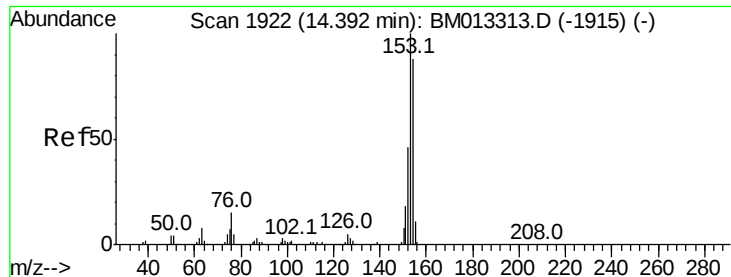
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#47
Acenaphthylene
Concen: 7.267 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM013328.D
Acq: 12 Dec 2017 05:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	17.7	10.2	15.4





#49

Acenaphthene

Concen: 101.095 ng/ul

RT: 14.40 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BM013328.D

Acq: 12 Dec 2017 05:30

Instrument :

BNA_M

ClientSampleId :

F9B14

Tot Ion:153 Resp: 4666420

Ion Ratio Lower Upper

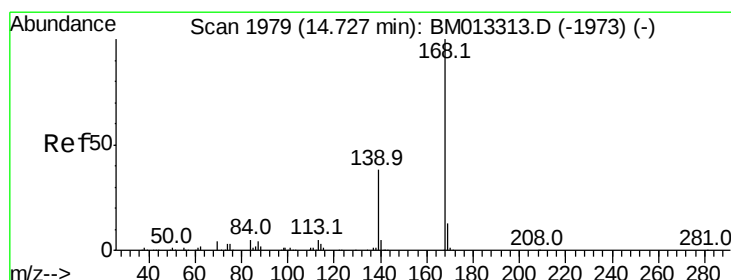
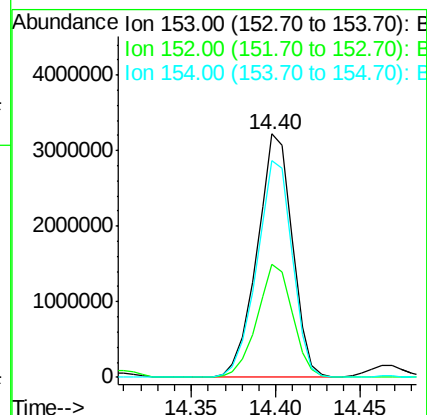
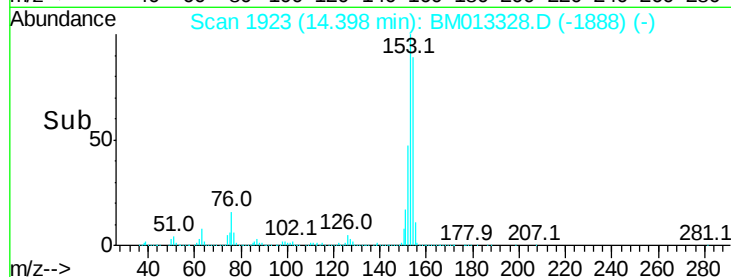
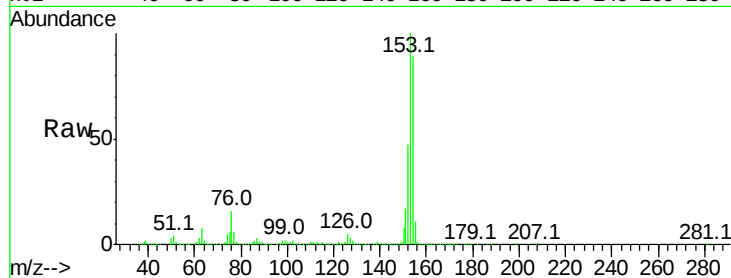
153 100

152 46.6 37.6 56.4

154 89.0 70.4 105.6

Manual Integrations
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#53

Dibenzofuran

Concen: 70.509 ng/ul

RT: 14.73 min Scan# 1980

Delta R.T. 0.01 min

Lab File: BM013328.D

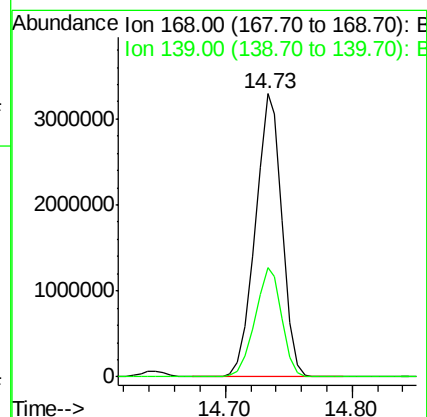
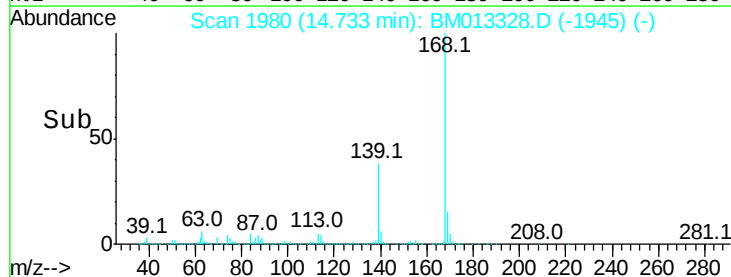
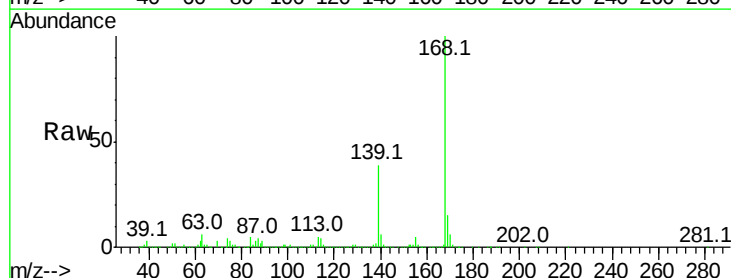
Acq: 12 Dec 2017 05:30

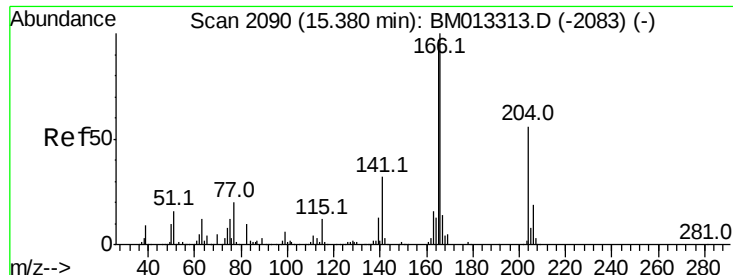
Tgt Ion:168 Resp: 4804706

Ion Ratio Lower Upper

168 100

139 38.6 30.8 46.2





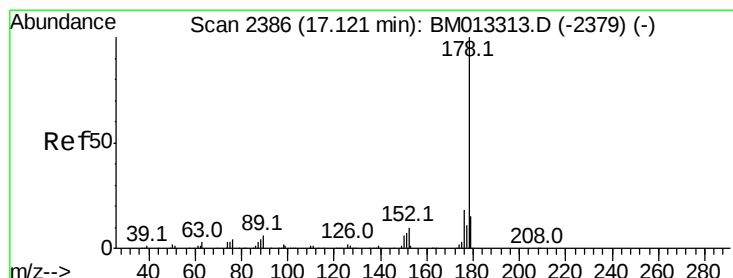
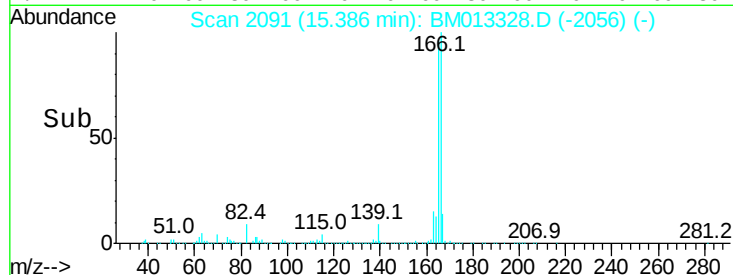
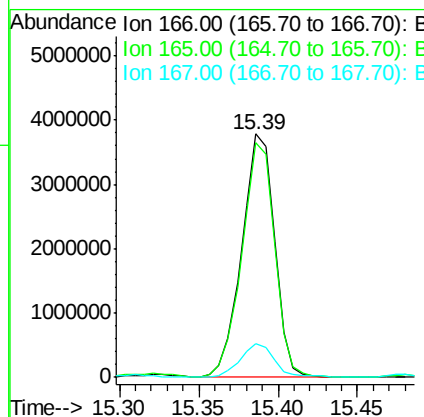
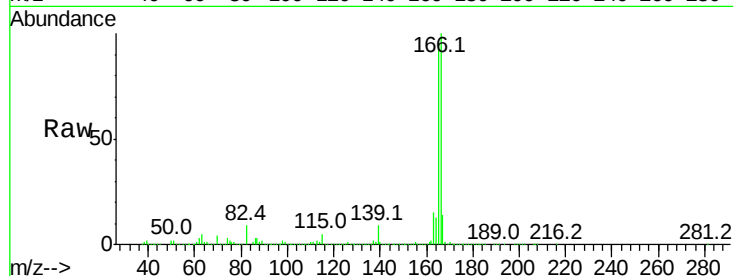
#58
 Fluorene
 Concen: 96.449 ng/ul
 RT: 15.39 min Scan# 2091
 Delta R.T. 0.01 min
 Lab File: BM013328.D
 Acq: 12 Dec 2017 05:30

Instrument :
 BNA_M
 ClientSampleId :
 F9B14

Tot Ion:166 Resp: 5437087
 Ion Ratio Lower Upper
 166 100
 165 96.2 77.9 116.9
 167 13.9 10.6 16.0

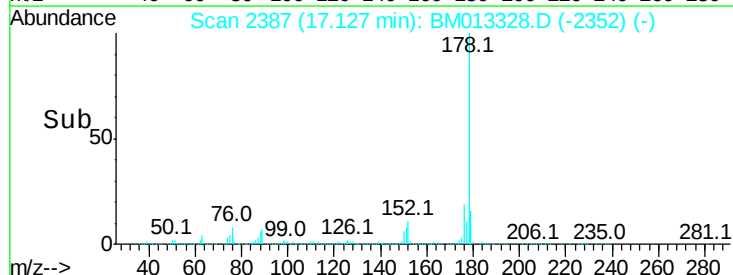
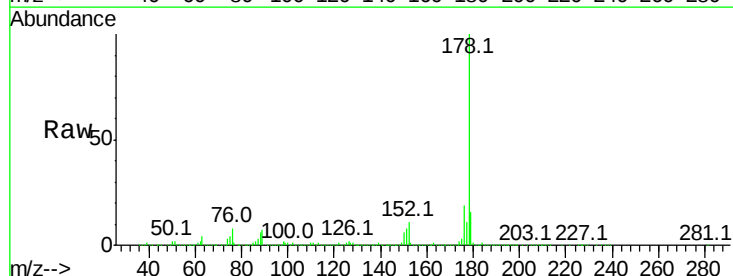
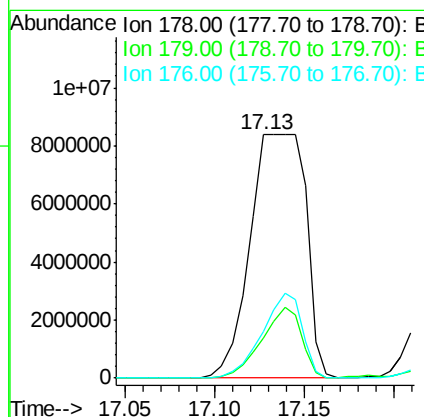
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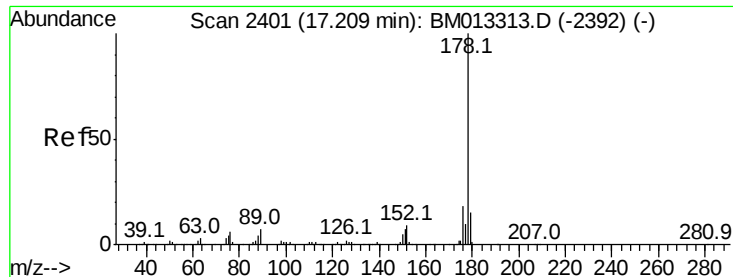
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#69
 Phenanthrene
 Concen: 224.156 ng/ul m
 RT: 17.13 min Scan# 2387
 Delta R.T. 0.01 min
 Lab File: BM013328.D
 Acq: 12 Dec 2017 05:30

Tgt Ion:178 Resp:18275395
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.6 19.0
 176 19.3 14.9 22.3





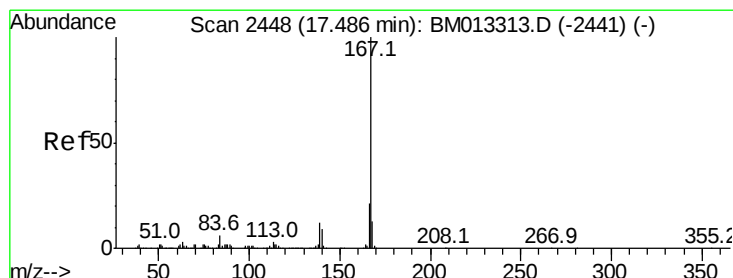
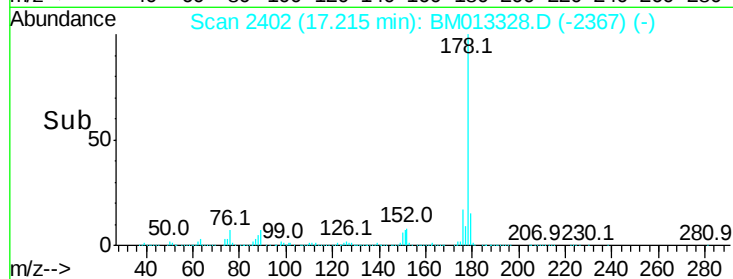
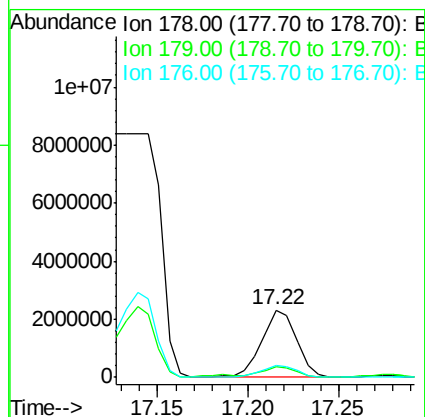
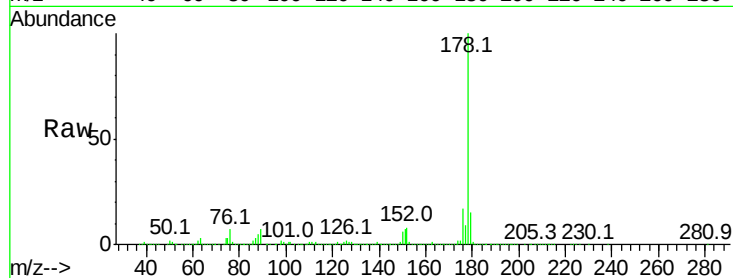
#71
 Anthracene
 Concen: 36.796 ng/ul
 RT: 17.22 min Scan# 2402
 Delta R.T. 0.01 min
 Lab File: BM013328.D
 Acq: 12 Dec 2017 05:30

Instrument :
 BNA_M
 ClientSampleId :
 F9B14

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	17.3	14.6	21.8

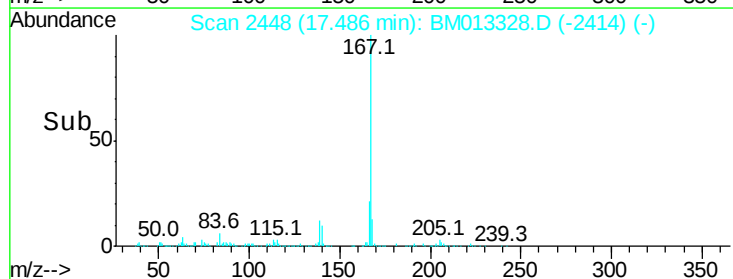
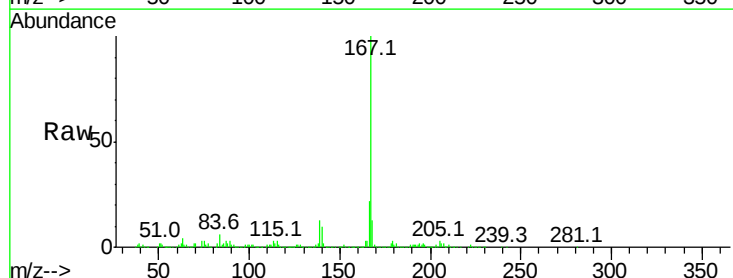
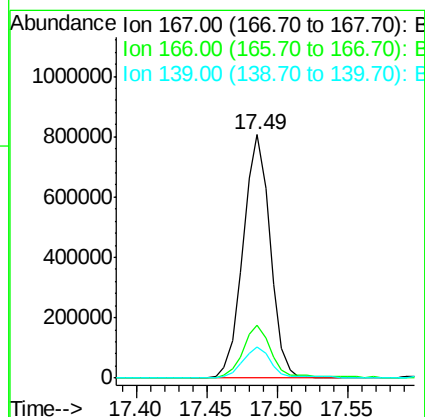
Manual Integrations
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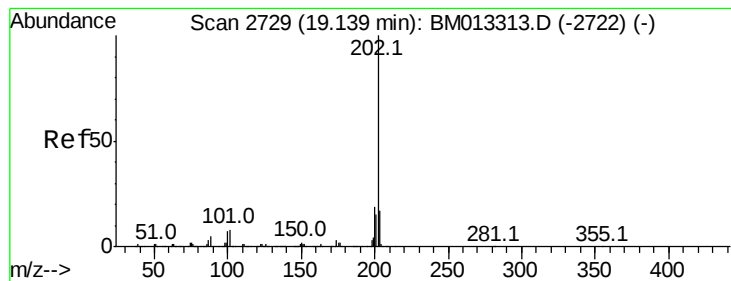
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#72
 Carbazole
 Concen: 15.060 ng/ul
 RT: 17.49 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM013328.D
 Acq: 12 Dec 2017 05:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.7	10.0	15.0





#74

Fluoranthene

Concen: 115.590 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. 0.01 min

Lab File: BM013328.D

Acq: 12 Dec 2017 05:30

Instrument :

BNA_M

ClientSampleId :

F9B14

Tot Ion:202 Resp:11548851

Ion Ratio Lower Upper

202 100

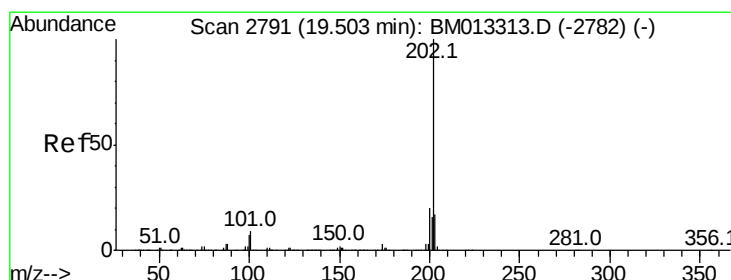
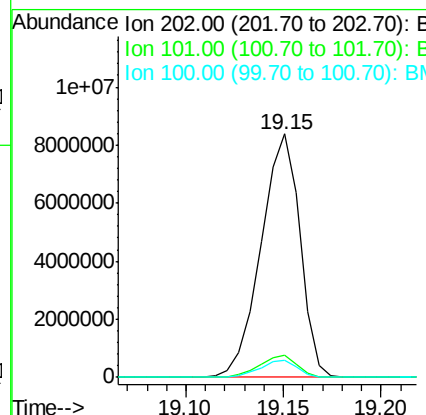
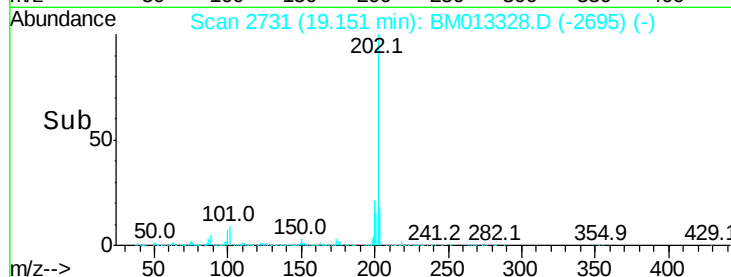
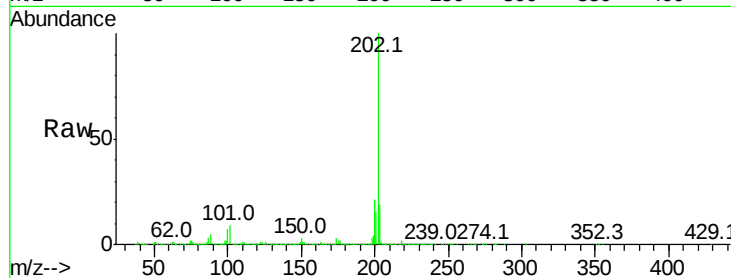
101 9.3 4.6 7.0#

100 7.2 3.4 5.2#

Manual Integrations
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#77

Pyrene

Concen: 79.875 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM013328.D

Acq: 12 Dec 2017 05:30

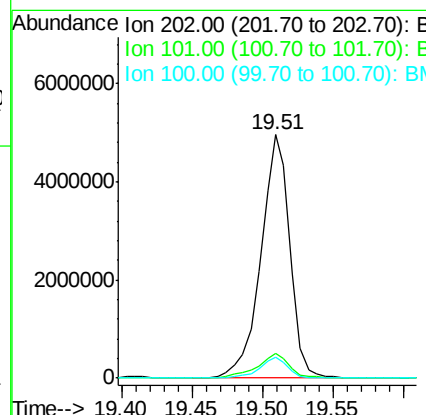
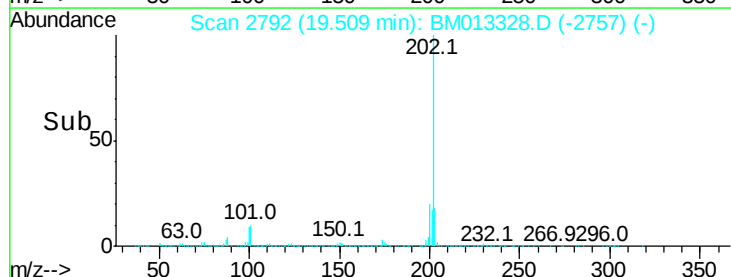
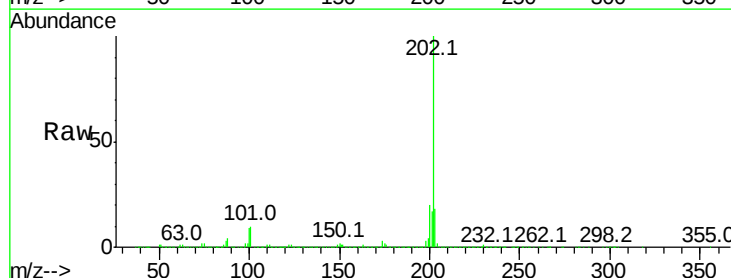
Tgt Ion:202 Resp: 7133224

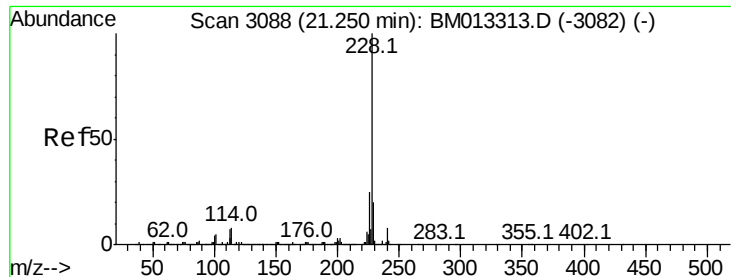
Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

100 8.5 4.9 7.3#





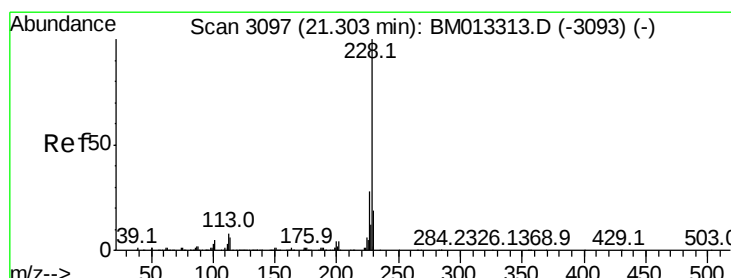
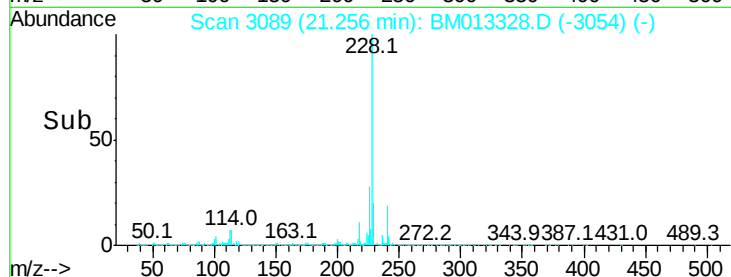
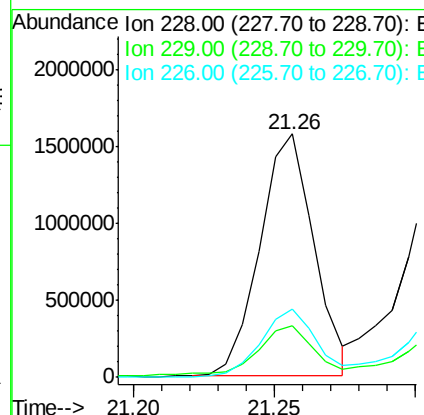
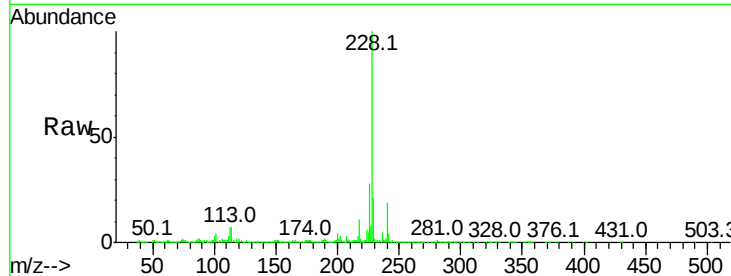
#80
Benzo(a)anthracene
Concen: 22.432 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM013328.D
Acq: 12 Dec 2017 05:30

Instrument :
BNA_M
ClientSampleId :
F9B14

Tot Ion:228 Resp: 2092134
Ion Ratio Lower Upper
228 100
229 21.0 15.4 23.0
226 27.8 21.4 32.0

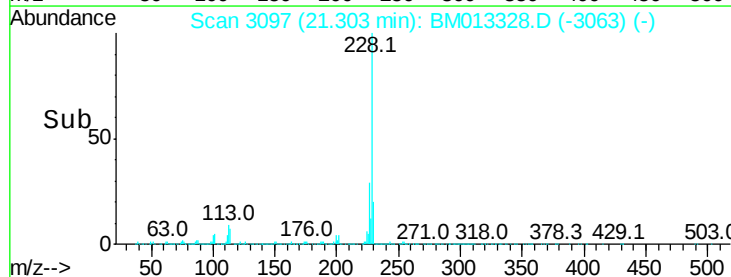
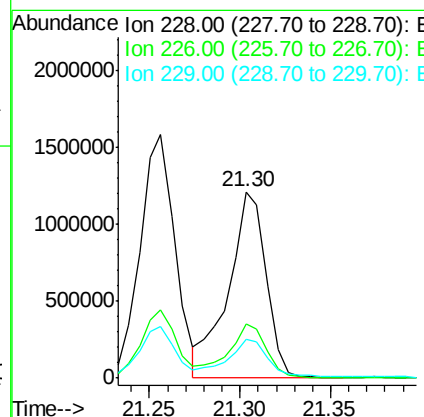
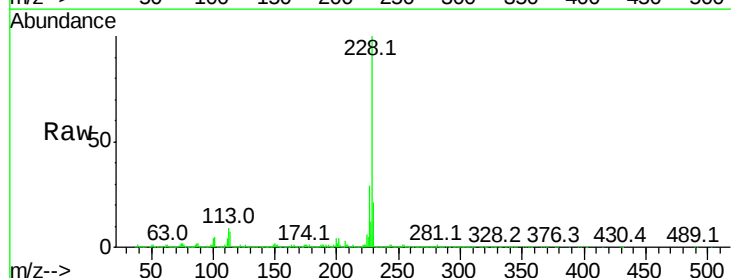
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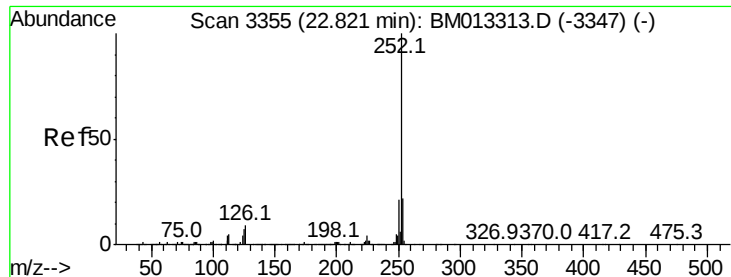
Sohil
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#82
Chrysene
Concen: 20.124 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM013328.D
Acq: 12 Dec 2017 05:30

Tgt Ion:228 Resp: 1741302
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.2
229 20.9 15.5 23.3





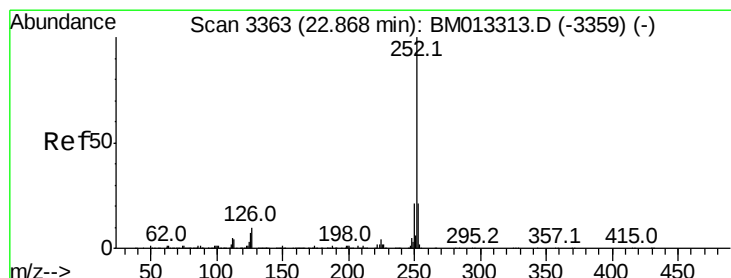
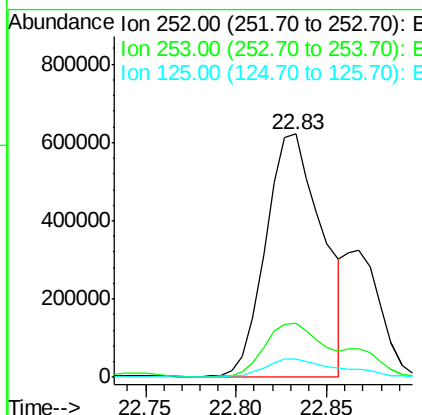
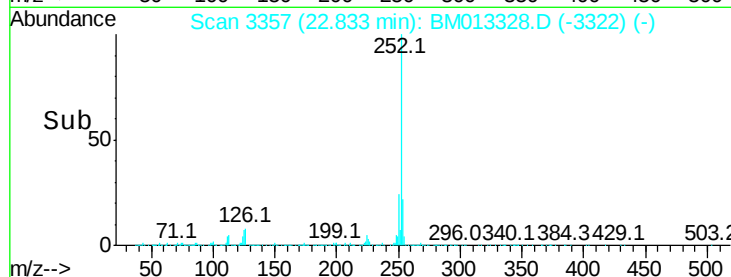
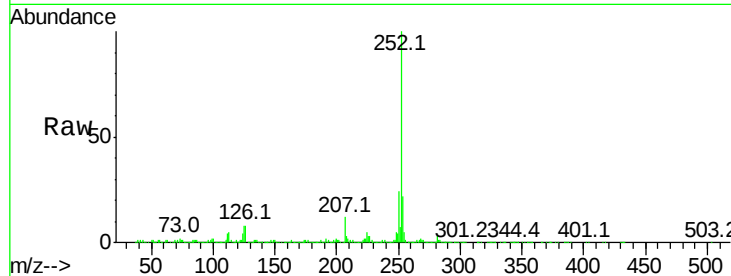
#85
Benzo(b)fluoranthene
Concen: 16.280 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM013328.D
Acq: 12 Dec 2017 05:30

Instrument :
BNA_M
ClientSampleId :
F9B14

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	7.6	3.6	5.4

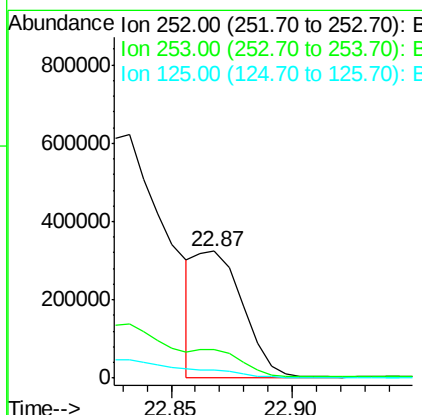
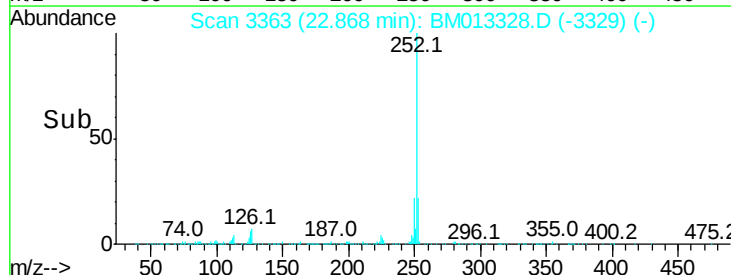
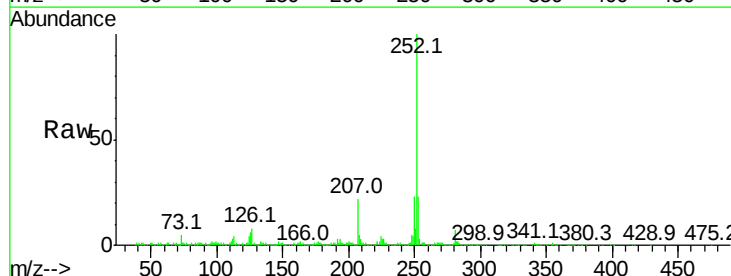
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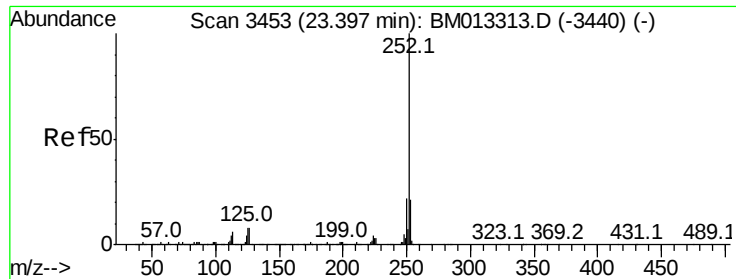
Sohil
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#86
Benzo(k)fluoranthene
Concen: 5.630 ng/ul m
RT: 22.87 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BM013328.D
Acq: 12 Dec 2017 05:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	6.5	3.4	5.2





#88

Benzo(a)pyrene

Concen: 10.657 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BM013328.D

Acq: 12 Dec 2017 05:30

Instrument :

BNA_M

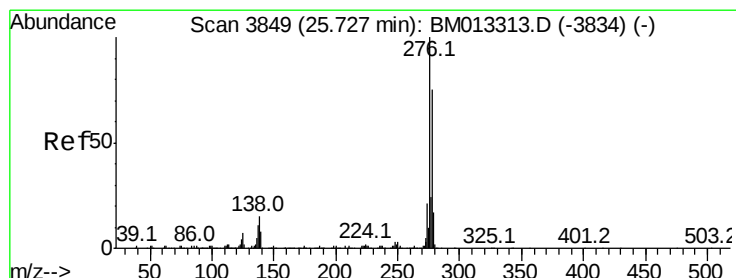
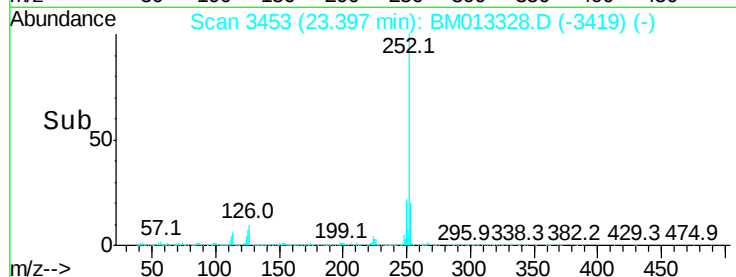
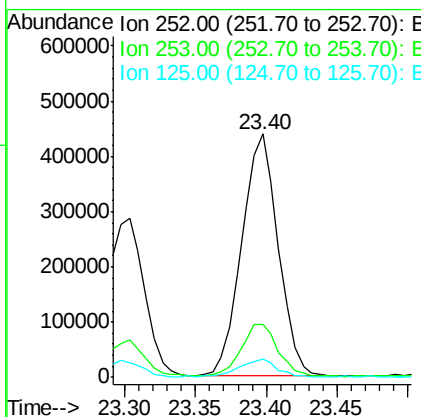
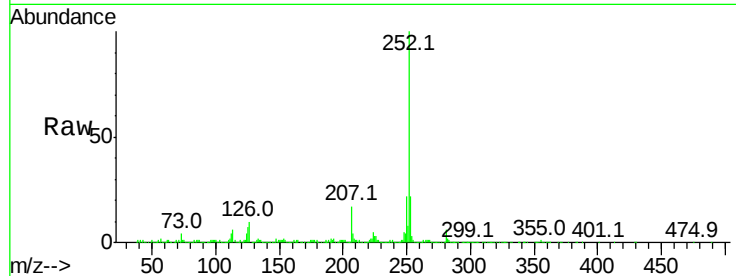
ClientSampled :

F9B14

Tot Ion:	252	Resp:	793871
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.2
125	7.4	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 4.639 ng/ul

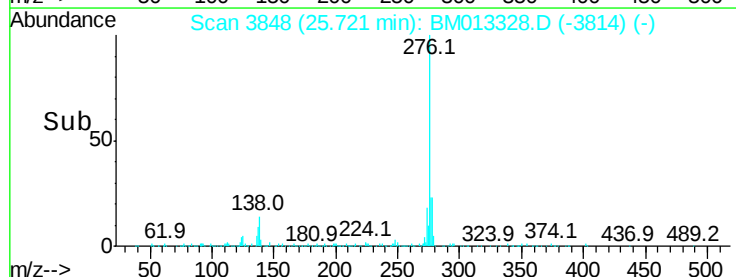
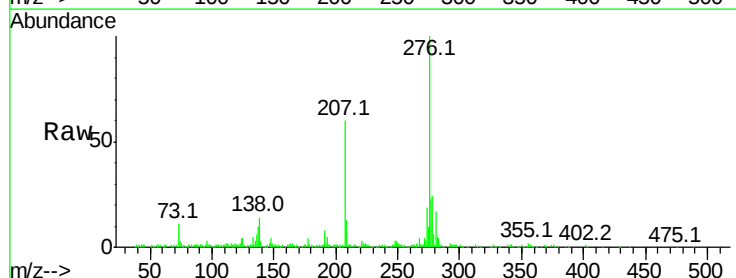
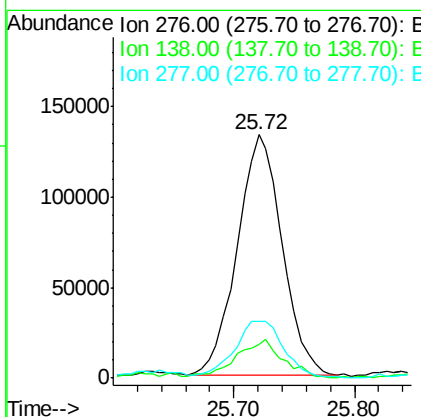
RT: 25.72 min Scan# 3848

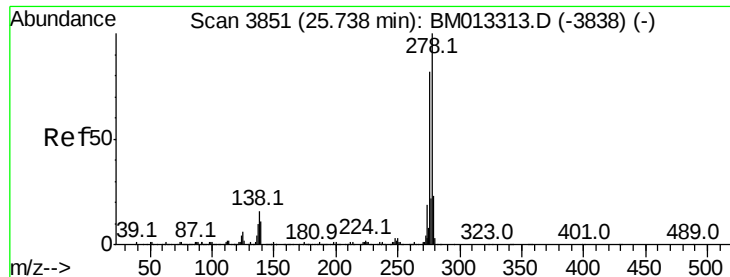
Delta R.T. -0.00 min

Lab File: BM013328.D

Acq: 12 Dec 2017 05:30

Tgt Ion:	276	Resp:	342872
Ion Ratio	Lower	Upper	
276	100		
138	13.8	9.3	13.9
277	23.4	19.9	29.9





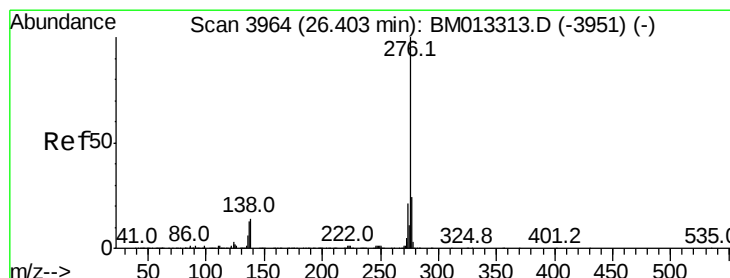
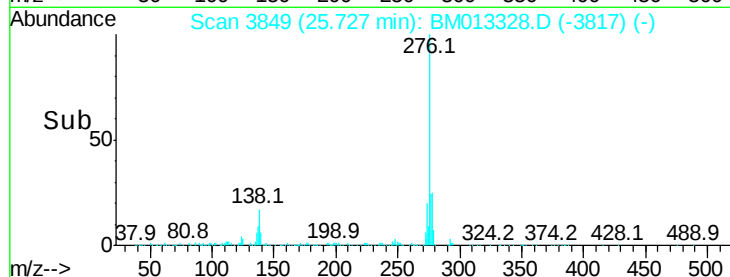
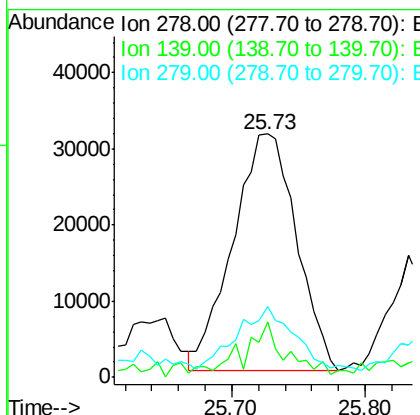
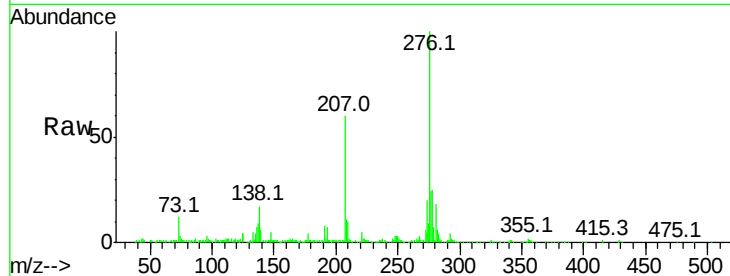
#90
Dibenzo(a,h)anthracene
Concen: 1.626 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BM013328.D
Acq: 12 Dec 2017 05:30

Instrument :
BNA_M
ClientSampled :
F9B14

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.6	5.8	8.8#
279	29.1	18.6	27.8#

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#91
Benzo(g,h,i)perylene
Concen: 4.380 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM013328.D
Acq: 12 Dec 2017 05:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.8	8.5	12.7
277	22.8	18.6	28.0

