

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014770.D
 Acq On : 20 Apr 2018 19:18
 Operator : SJ/JU
 Sample : J2434-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

Sohil
 4/23/2018 3:40:37 PM

Quant Time: Apr 21 00:24:23 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 23:53:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	327919	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1329007	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	691882	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1428316	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1417902	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1506117	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.68	96	29526	3.93	ng/uL	0.00
5) Phenol-d5	7.66	99	529689	20.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	382984	23.56	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	469314	22.13	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	369721	18.29	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	226698	23.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	227319	23.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	425654	21.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	495511	25.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1260056	23.33	ng/ul	0.00
46) Acenaphthylene-d8	14.84	160	1624879	24.36	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	140483	14.02	ng/ul	0.00
57) Fluorene-d10	16.12	176	1066296	22.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	57451	7.43	ng/ul	0.00
70) Anthracene-d10	17.95	188	1566647	23.54	ng/ul	0.00
76) Pyrene-d10	20.19	212	1639510	24.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.29	264	1661721	22.46	ng/ul	0.01
Target Compounds				Ovalue		
6) Phenol	7.69	94	125869	5.046	ng/ul#	80
44) Dimethylphthalate	14.58	163	355307	6.805	ng/ul	99
49) Acenaphthene	15.21	153	74412	1.621	ng/ul	100
69) Phenanthrene	17.90	178	973254	12.688	ng/ul	99
71) Anthracene	17.99	178	216622	2.783	ng/ul	98
72) Carbazole	18.24	167	190336	2.866	ng/ul	99
74) Fluoranthene	19.86	202	4054244	48.478	ng/ul#	82
77) Pyrene	20.22	202	4351423	52.525	ng/ul#	82
80) Benzo(a)anthracene	21.93	228	3599371	43.410	ng/ul	97
82) Chrysene	21.98	228	3943177	50.800	ng/ul	96
85) Benzo(b)fluoranthene	23.69	252	7493327	84.399	ng/ul#	95
86) Benzo(k)fluoranthene	23.73	252	2555640m	29.934	ng/ul	
88) Benzo(a)pyrene	24.34	252	5882894	69.852	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.04	276	4400940	43.195	ng/ul#	92
90) Dibenzo(a,h)anthracene	27.04	278	1146253	13.362	ng/ul#	92
91) Benzo(g,h,i)perylene	27.86	276	4511281	53.822	ng/ul#	89

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

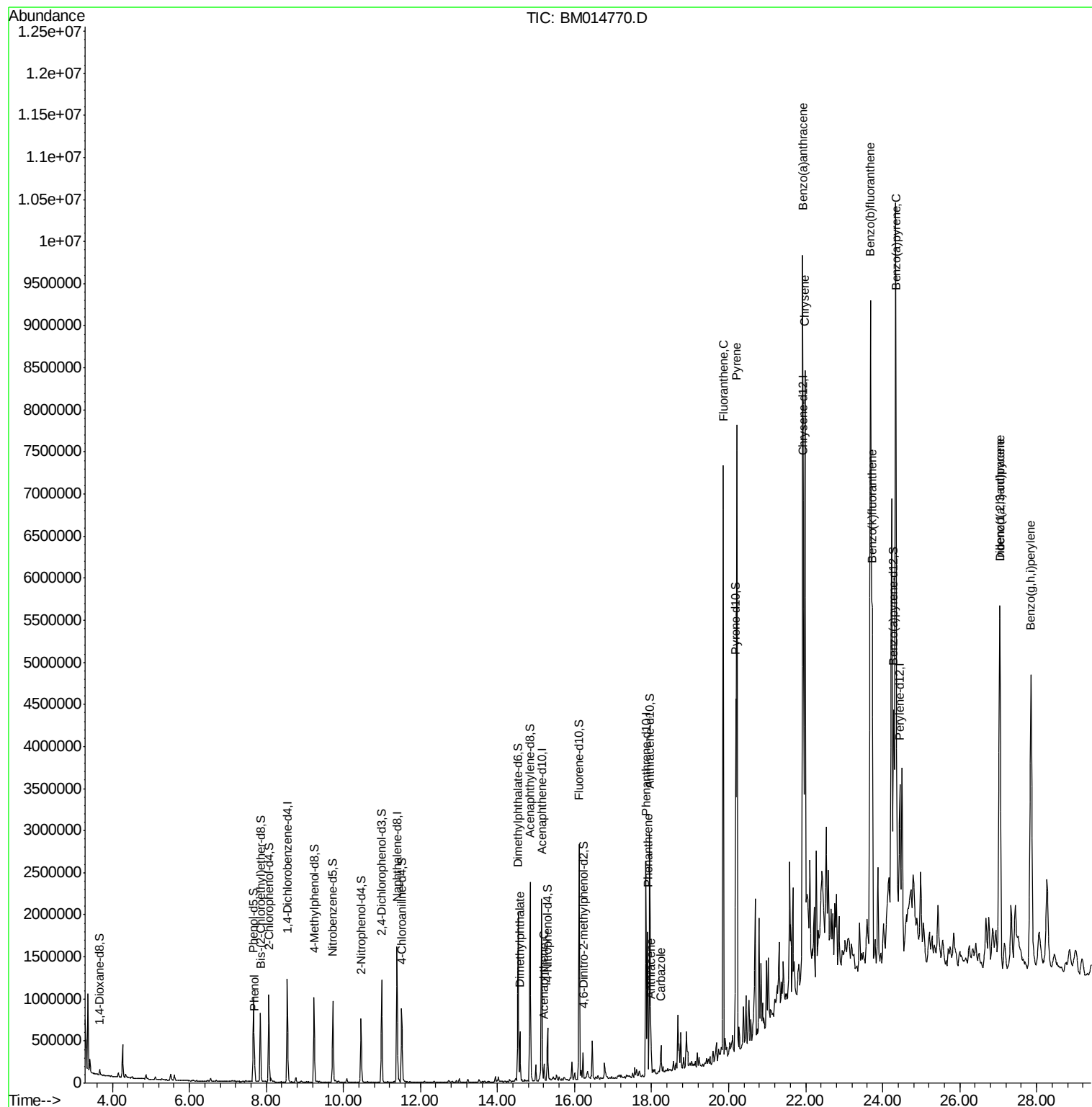
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014770.D
Acq On : 20 Apr 2018 19:18
Operator : SJ/JU
Sample : J2434-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

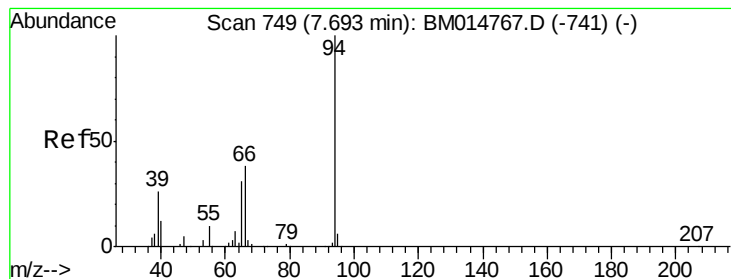
Instrument :
BNA_M
ClientSampled :
C0AC6

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Quant Time: Apr 21 00:24:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 23:53:34 2018
Response via : Initial Calibration





#6

Phenol

Concen: 5.046 ng/ul

RT: 7.69 min Scan# 749

Delta R.T. -0.00 min

Lab File: BM014770.D

Acq: 20 Apr 2018 19:18

Instrument :

BNA_M

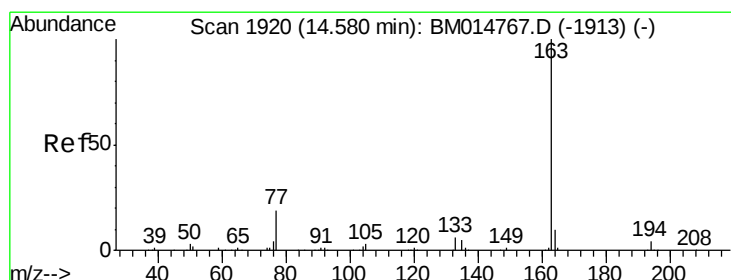
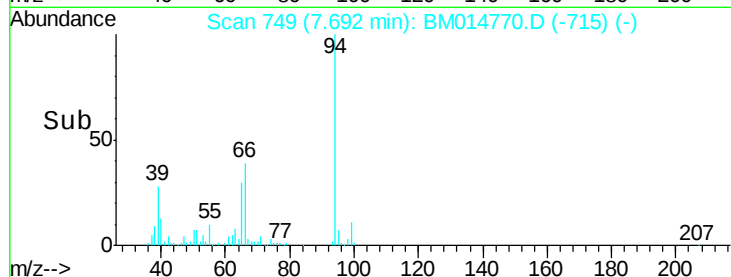
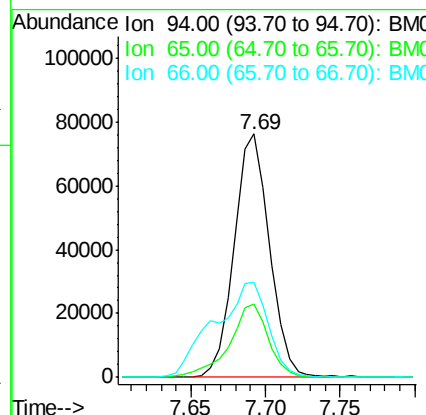
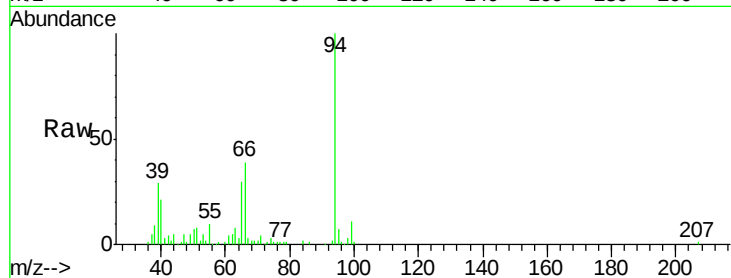
ClientSampled :

C0AC6

Tot Ion:	94	Resp:	125869
Ion	Ratio	Lower	Upper
94	100		
65	30.0	28.2	42.4
66	39.1	47.2	70.8#

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#44

Dimethylphthalate

Concen: 6.805 ng/ul

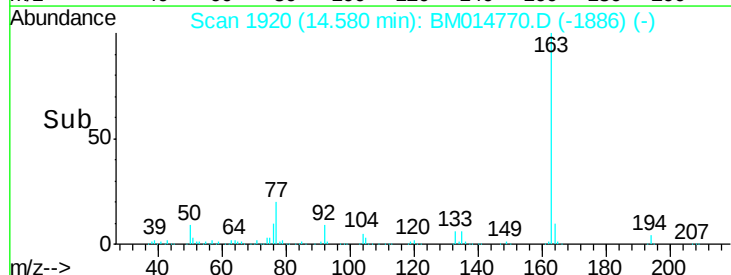
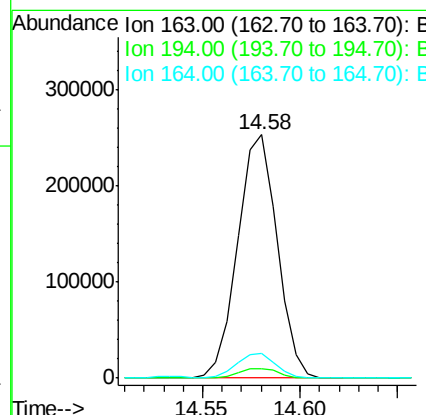
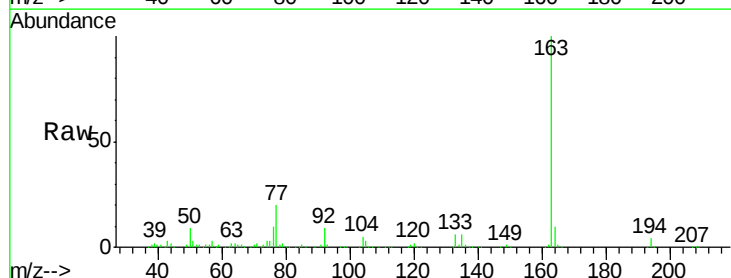
RT: 14.58 min Scan# 1920

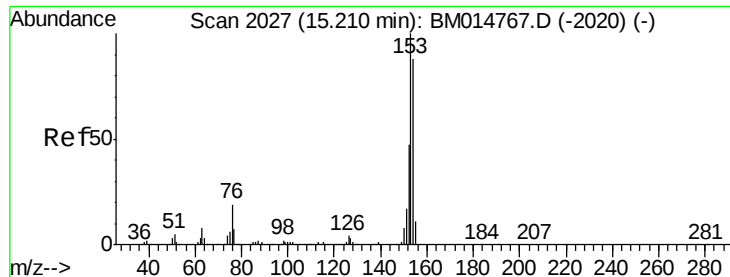
Delta R.T. -0.00 min

Lab File: BM014770.D

Acq: 20 Apr 2018 19:18

Tgt Ion:	163	Resp:	355307
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.2	8.2	12.4





#49

Acenaphthene

Concen: 1.621 ng/ul

RT: 15.21 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BM014770.D

Acq: 20 Apr 2018 19:18

Instrument :

BNA_M

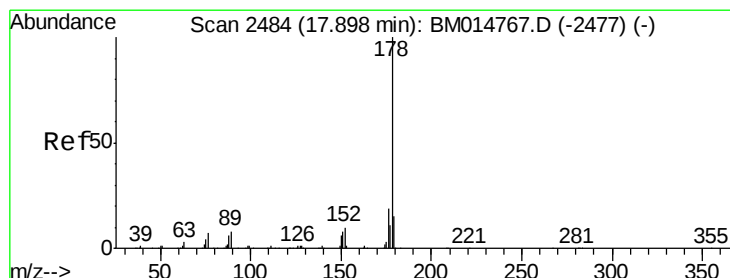
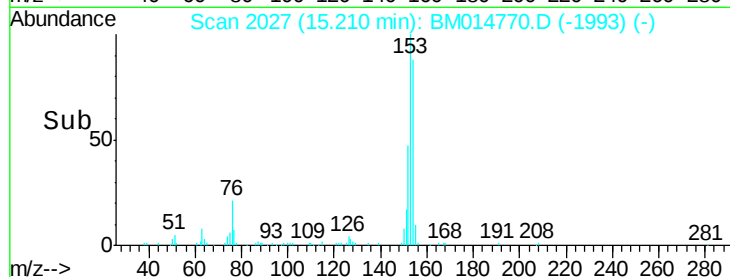
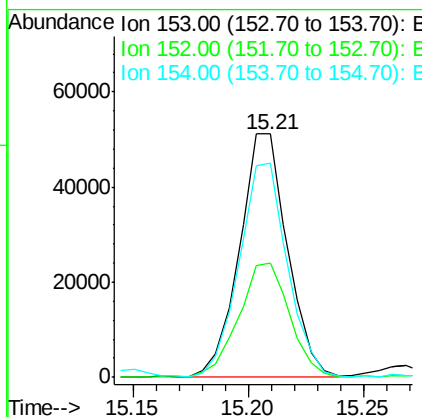
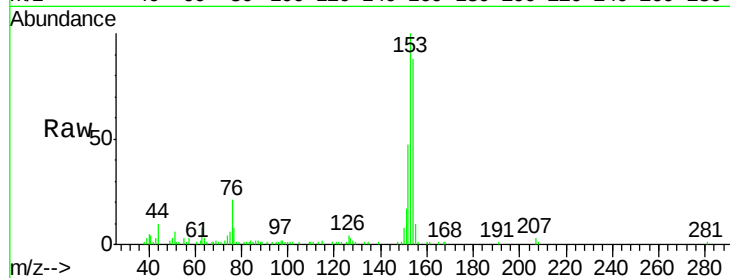
ClientSampleId :

C0AC6

Tot Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.6	56.4
154	88.1	70.4	105.6

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#69

Phenanthrene

Concen: 12.688 ng/ul

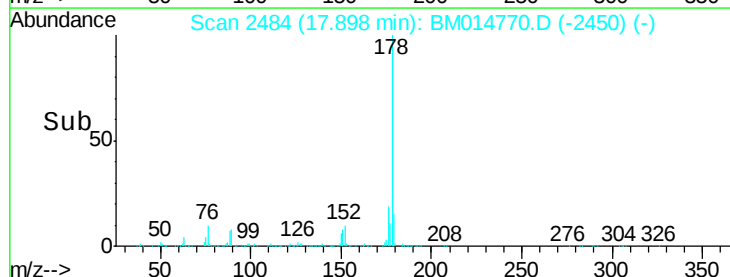
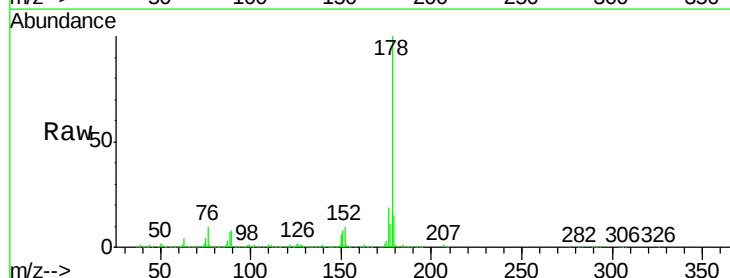
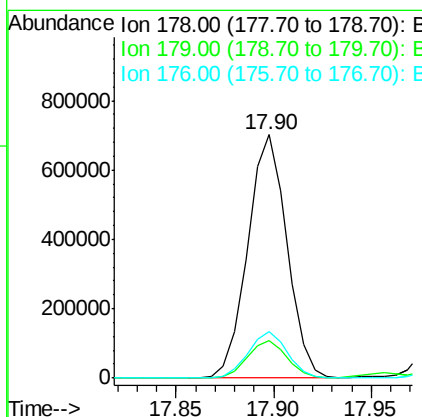
RT: 17.90 min Scan# 2484

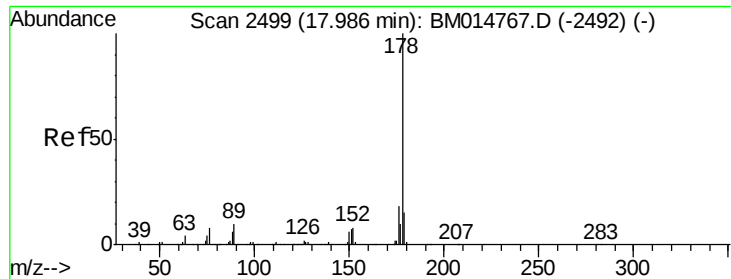
Delta R.T. -0.00 min

Lab File: BM014770.D

Acq: 20 Apr 2018 19:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.1	14.9	22.3





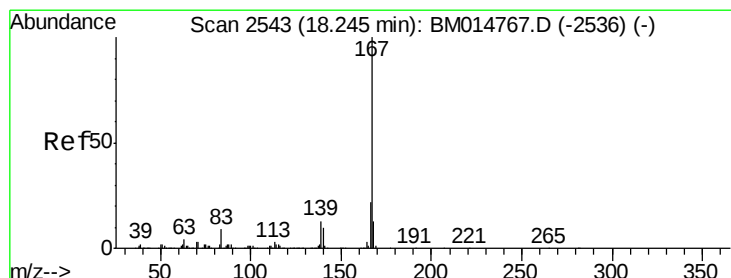
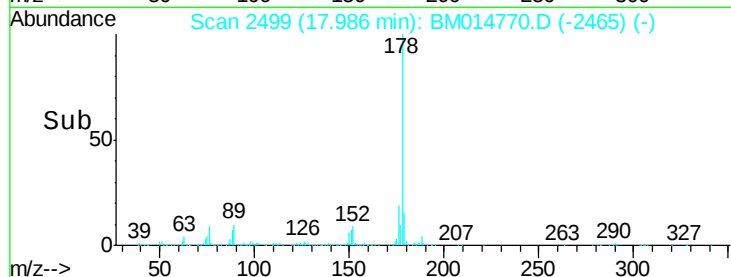
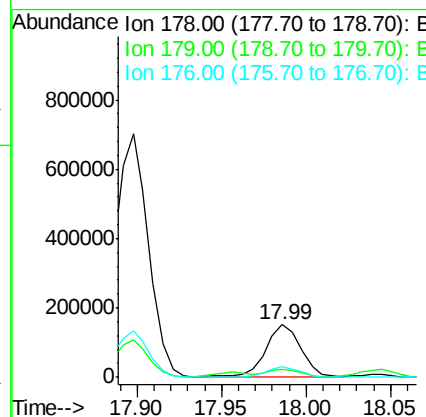
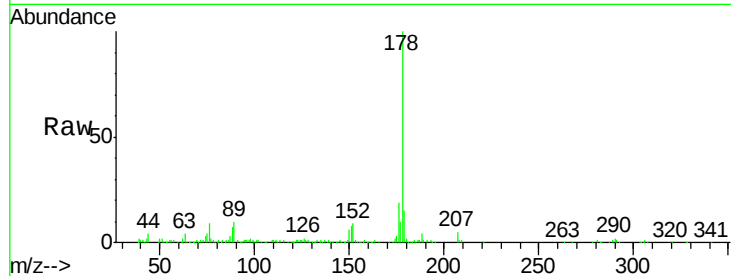
#71
 Anthracene
 Concen: 2.783 ng/ul
 RT: 17.99 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BM014770.D
 Acq: 20 Apr 2018 19:18

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	19.5	14.6	21.8

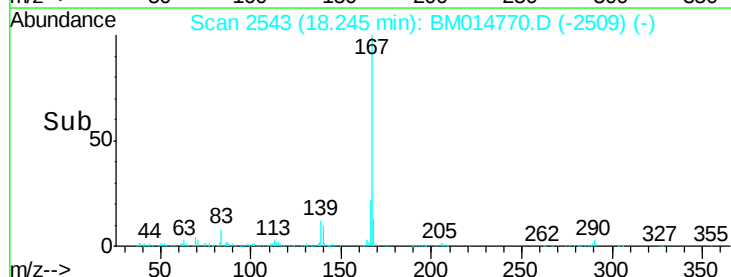
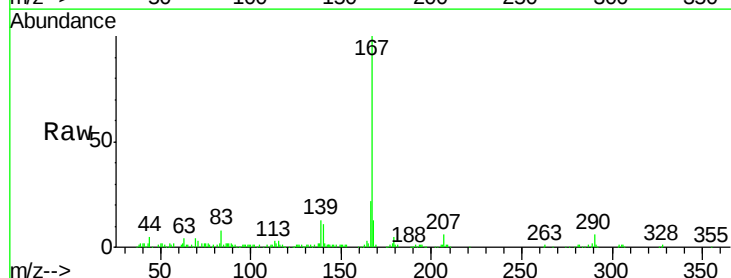
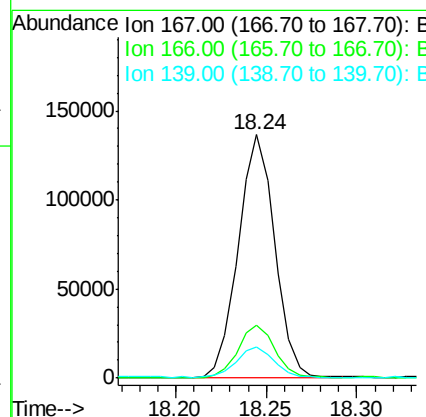
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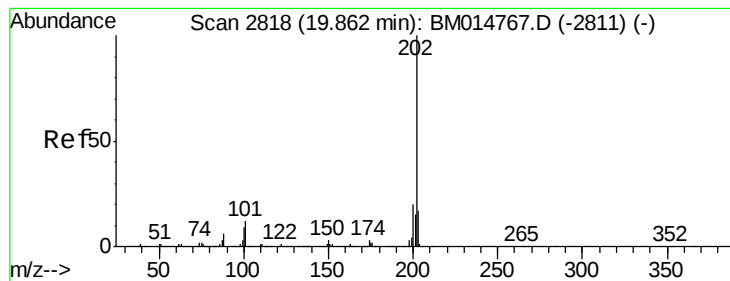
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 4/23/2018 3:40:37 PM



#72
 Carbazole
 Concen: 2.866 ng/ul
 RT: 18.24 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BM014770.D
 Acq: 20 Apr 2018 19:18

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	12.9	10.0	15.0





#74

Fluoranthene

Concen: 48.478 ng/ul

RT: 19.86 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM014770.D

Acq: 20 Apr 2018 19:18

Instrument :

BNA_M

ClientSampleId :

C0AC6

Tot Ion:202 Resp: 4054244

Ion Ratio Lower Upper

202 100

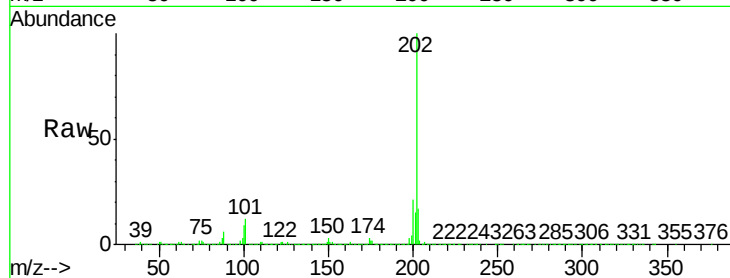
101 12.3 4.6 7.0#

100 9.3 3.4 5.2#

Manual Integrations
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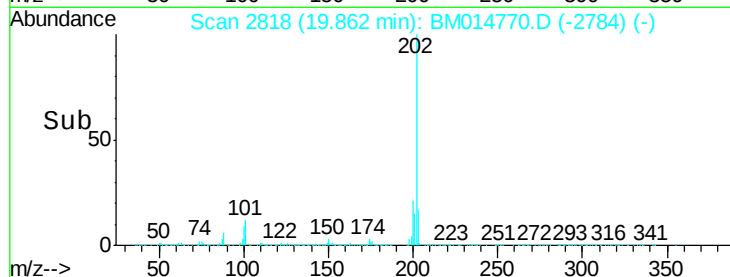


Abundance Ion 202.00 (201.70 to 202.70): E

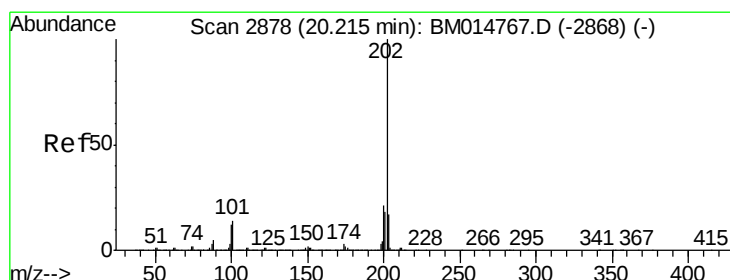
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->



#77

Pyrene

Concen: 52.525 ng/ul

RT: 20.22 min Scan# 2879

Delta R.T. 0.01 min

Lab File: BM014770.D

Acq: 20 Apr 2018 19:18

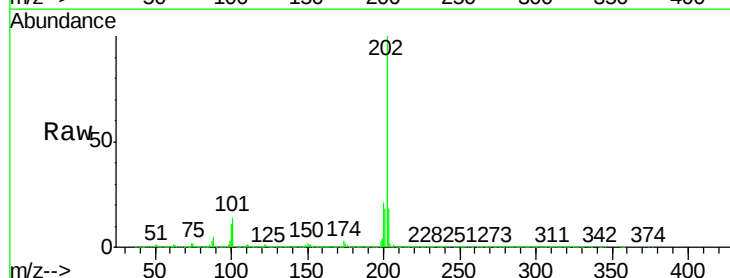
Tgt Ion:202 Resp: 4351423

Ion Ratio Lower Upper

202 100

101 13.6 5.1 7.7#

100 11.3 4.9 7.3#

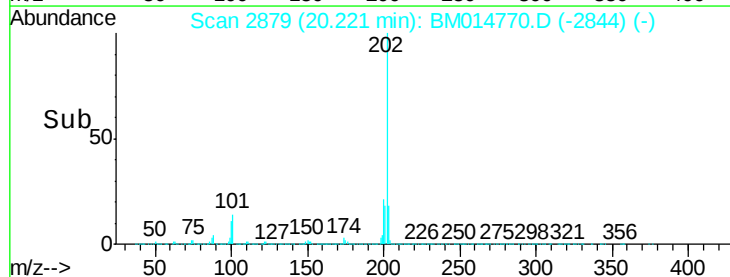


Abundance Ion 202.00 (201.70 to 202.70): E

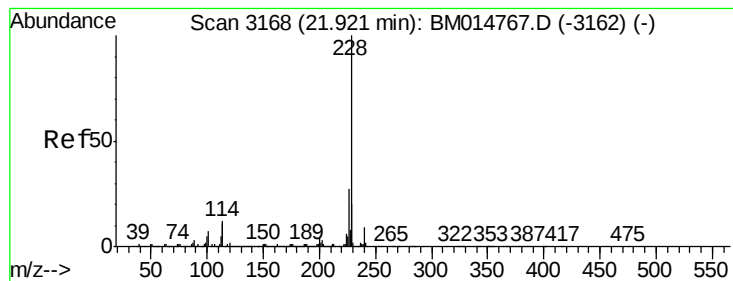
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 43.410 ng/ul

RT: 21.93 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BM014770.D

Acq: 20 Apr 2018 19:18

Instrument :

BNA_M

ClientSampleId :

C0AC6

Tot Ion:228 Resp: 3599371

Ion Ratio Lower Upper

228 100

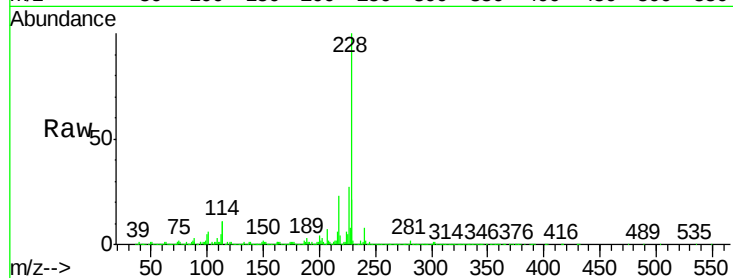
229 21.0 15.4 23.0

226 27.4 21.4 32.0

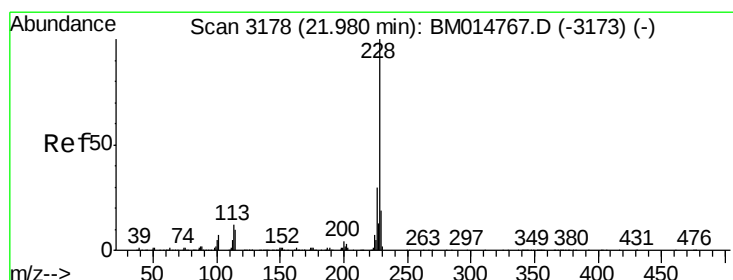
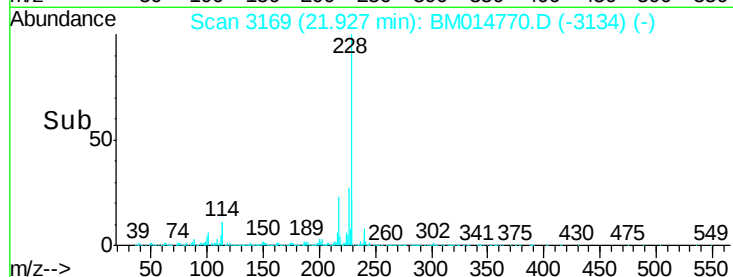
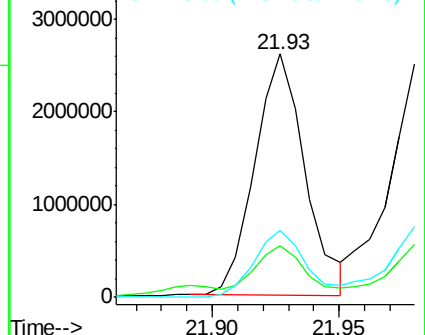
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 50.800 ng/ul

RT: 21.98 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BM014770.D

Acq: 20 Apr 2018 19:18

Tgt Ion:228 Resp: 3943177

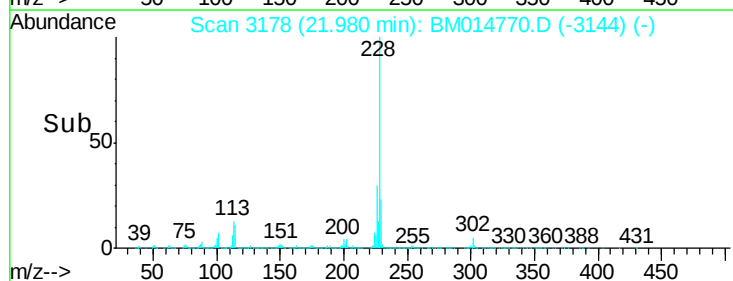
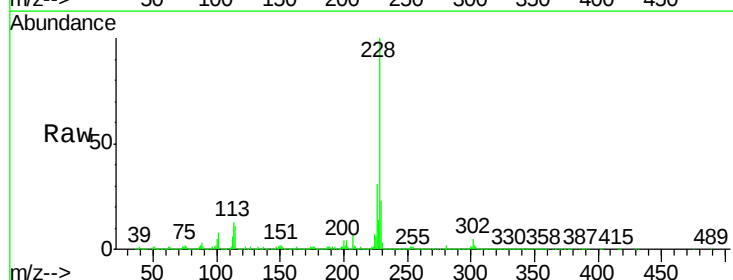
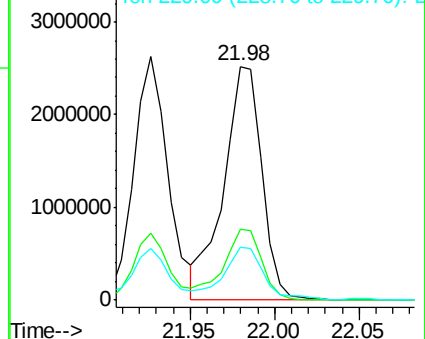
Ion Ratio Lower Upper

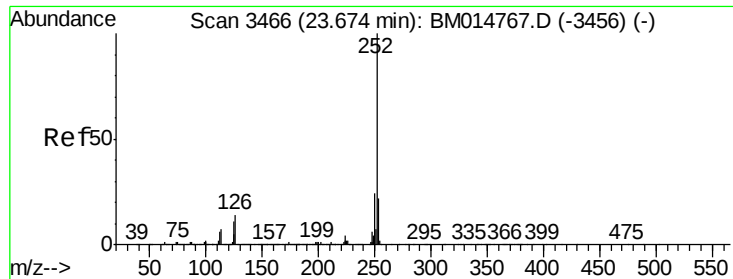
228 100

226 30.6 23.4 35.2

229 22.8 15.5 23.3

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





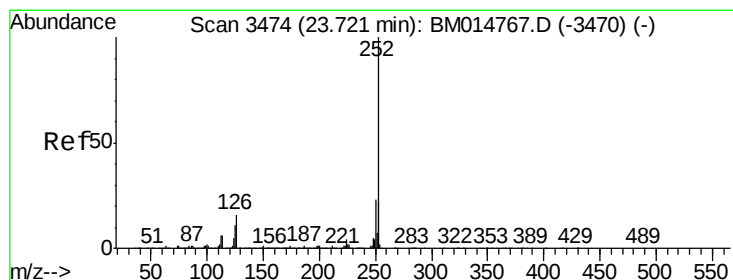
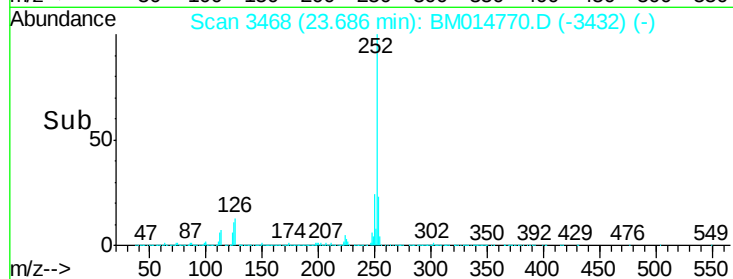
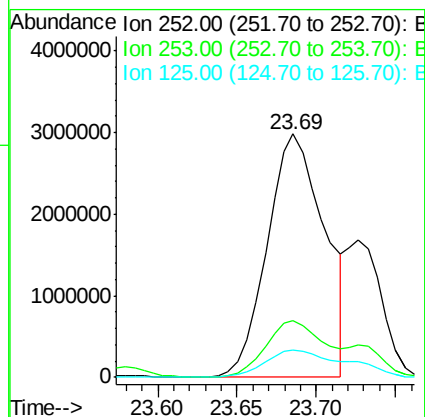
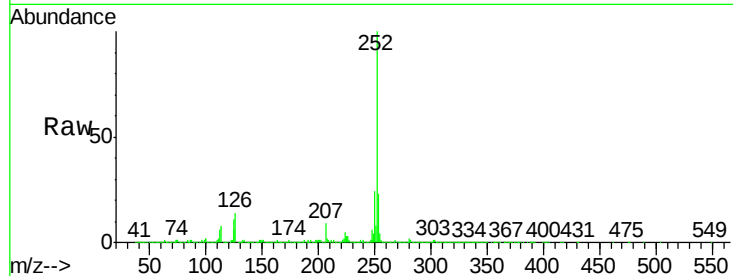
#85
Benzo(b)fluoranthene
Concen: 84.399 ng/ul
RT: 23.69 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BM014770.D
Acq: 20 Apr 2018 19:18

Instrument :
BNA_M
ClientSampleId :
C0AC6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	11.4	3.6	5.4

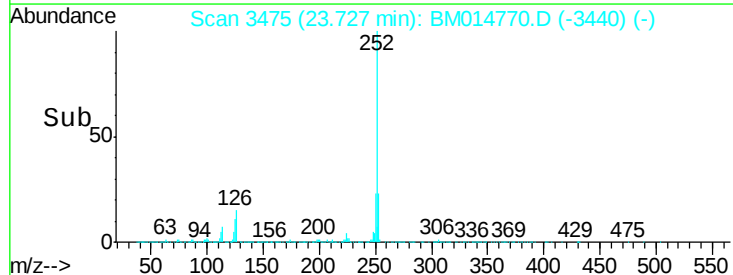
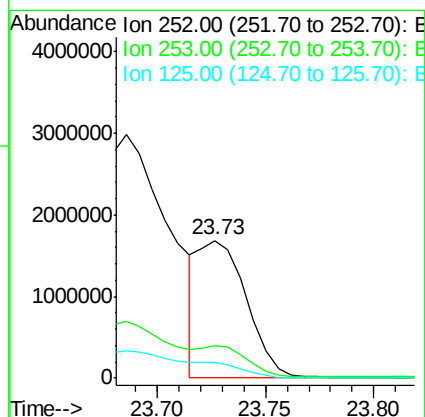
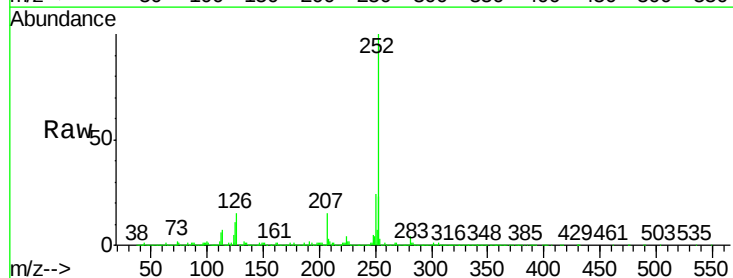
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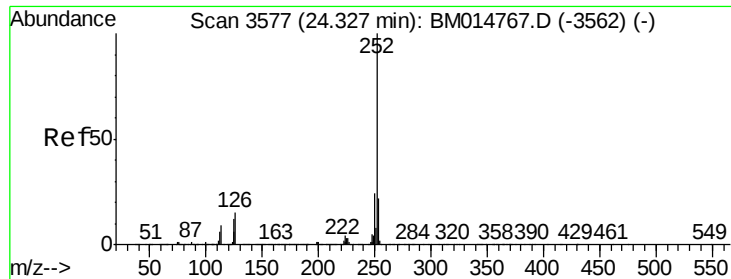
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#86
Benzo(k)fluoranthene
Concen: 29.934 ng/ul m
RT: 23.73 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BM014770.D
Acq: 20 Apr 2018 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	11.1	3.4	5.2





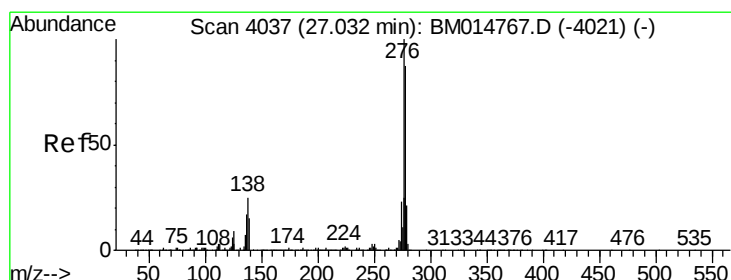
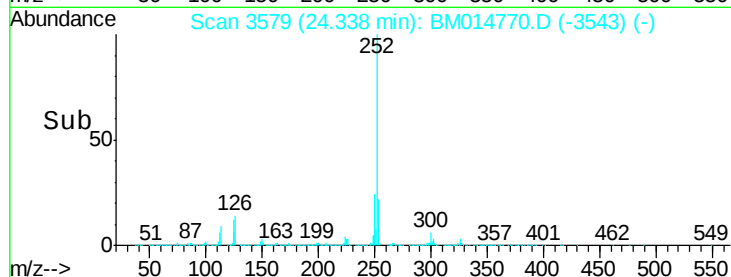
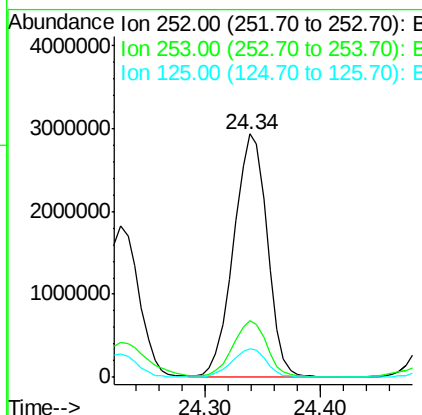
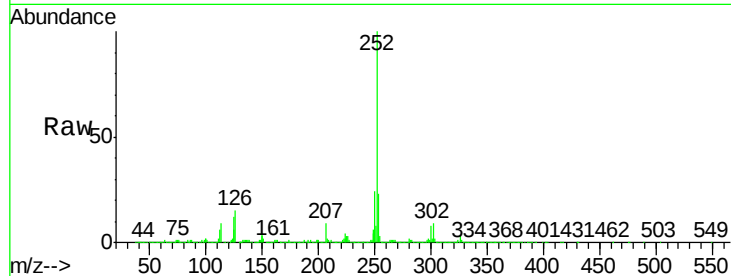
#88
Benzo(a)pyrene
Concen: 69.852 ng/ul
RT: 24.34 min Scan# 3579
Delta R.T. 0.01 min
Lab File: BM014770.D
Acq: 20 Apr 2018 19:18

Instrument :
BNA_M
ClientSampleId :
C0AC6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	12.0	4.0	6.0

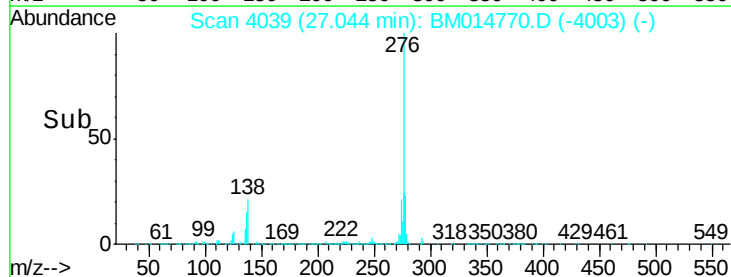
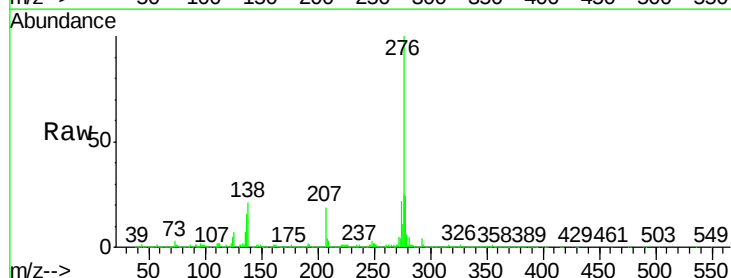
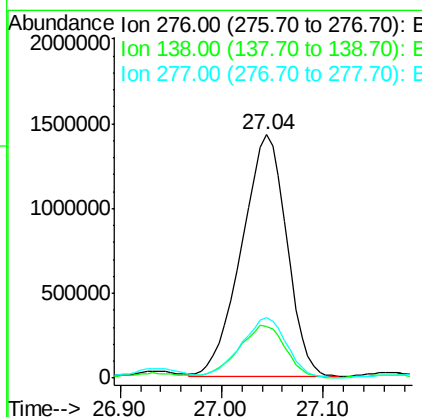
Manual Integrations
APPROVED

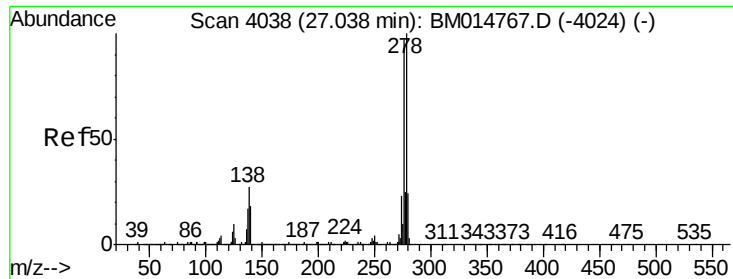
Sohil
4/23/2018 3:40:37 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 43.195 ng/ul
RT: 27.04 min Scan# 4039
Delta R.T. 0.01 min
Lab File: BM014770.D
Acq: 20 Apr 2018 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	9.3	13.9
277	24.8	19.9	29.9





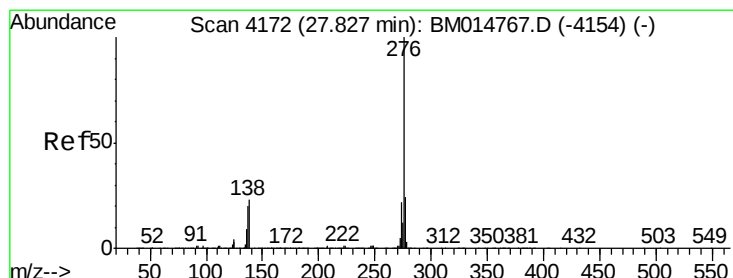
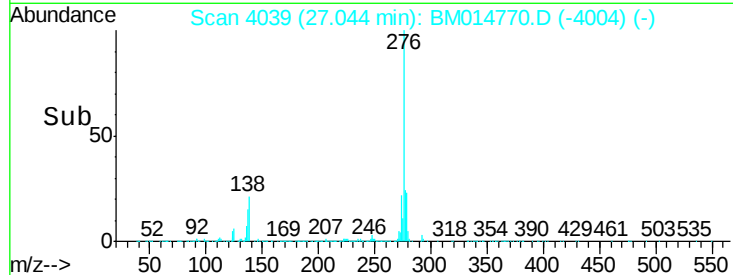
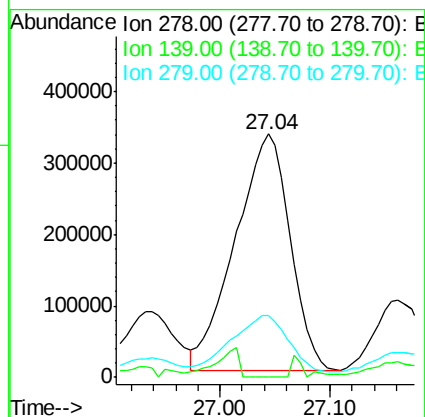
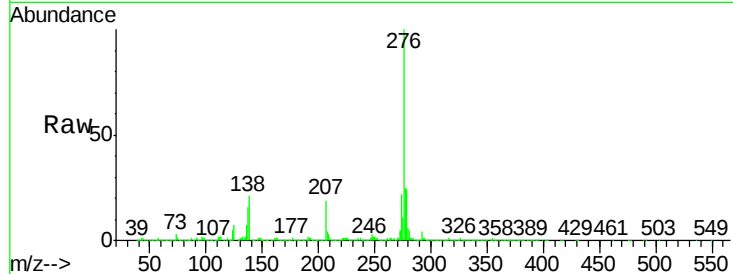
#90
Dibenzo(a,h)anthracene
Concen: 13.362 ng/ul
RT: 27.04 min Scan# 4039
Delta R.T. 0.01 min
Lab File: BM014770.D
Acq: 20 Apr 2018 19:18

Instrument :
BNA_M
ClientSampleId :
C0AC6

Tot Ion:278 Resp: 1146253
Ion Ratio Lower Upper
278 100
139 0.0 5.8 8.8#
279 25.3 18.6 27.8

Manual Integrations
APPROVED

Sohil
4/23/2018 3:40:37 PM



#91
Benzo(g,h,i)perylene
Concen: 53.822 ng/ul
RT: 27.86 min Scan# 4177
Delta R.T. 0.03 min
Lab File: BM014770.D
Acq: 20 Apr 2018 19:18

Tgt Ion:276 Resp: 4511281
Ion Ratio Lower Upper
276 100
138 22.0 8.5 12.7#
277 24.4 18.6 28.0

