

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010523.D
 Acq On : 11 Jun 2017 13:46
 Operator : SJ/MA
 Sample : I3522-05
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D30

Manual Integrations
 APPROVED

mohammad
 6/12/2017 3:41:42 PM

Quant Time: Jun 12 10:13:15 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	147687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	536784	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	384223	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1015434	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1639899	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1675178	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	6338	1.76	ng/uL	0.00
5) Phenol-d5	7.07	99	150836	13.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	84258	13.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	132334	14.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	131861	14.60	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	65340	16.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	79865	17.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	173464	18.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	164826	18.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	597898	18.73	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	631801	16.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	67839	14.20	ng/ul	0.00
57) Fluorene-d10	15.52	176	504310	17.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	104061	14.47	ng/ul	0.00
70) Anthracene-d10	17.37	188	884849	17.91	ng/ul	0.00
76) Pyrene-d10	19.66	212	1208066	17.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1362785	17.47	ng/ul	0.00
Target Compounds						
6) Phenol	7.10	94	14293	1.246	ng/ul	91
44) Dimethylphthalate	13.99	163	278981	8.886	ng/ul	98
47) Acenaphthylene	14.25	152	91612	2.517	ng/ul	99
69) Phenanthrene	17.32	178	75237	1.388	ng/ul	95
71) Anthracene	17.41	178	149677	2.645	ng/ul	96
72) Carbazole	17.69	167	54462	1.137	ng/ul#	94
74) Fluoranthene	19.33	202	1922117	28.834	ng/ul#	95
77) Pyrene	19.69	202	2143499	25.365	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	1355165	14.654	ng/ul	96
82) Chrysene	21.48	228	1201165	14.369	ng/ul	96
85) Benzo(b)fluoranthene	23.07	252	3376083	34.635	ng/ul	98
86) Benzo(k)fluoranthene	23.11	252	1134376	12.182	ng/ul	95
88) Benzo(a)pyrene	23.68	252	1433270m	14.834	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.16	276	938549	7.689	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.16	278	250497	2.383	ng/ul#	89
91) Benzo(g,h,i)perylene	26.90	276	660467	6.567	ng/ul	98

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

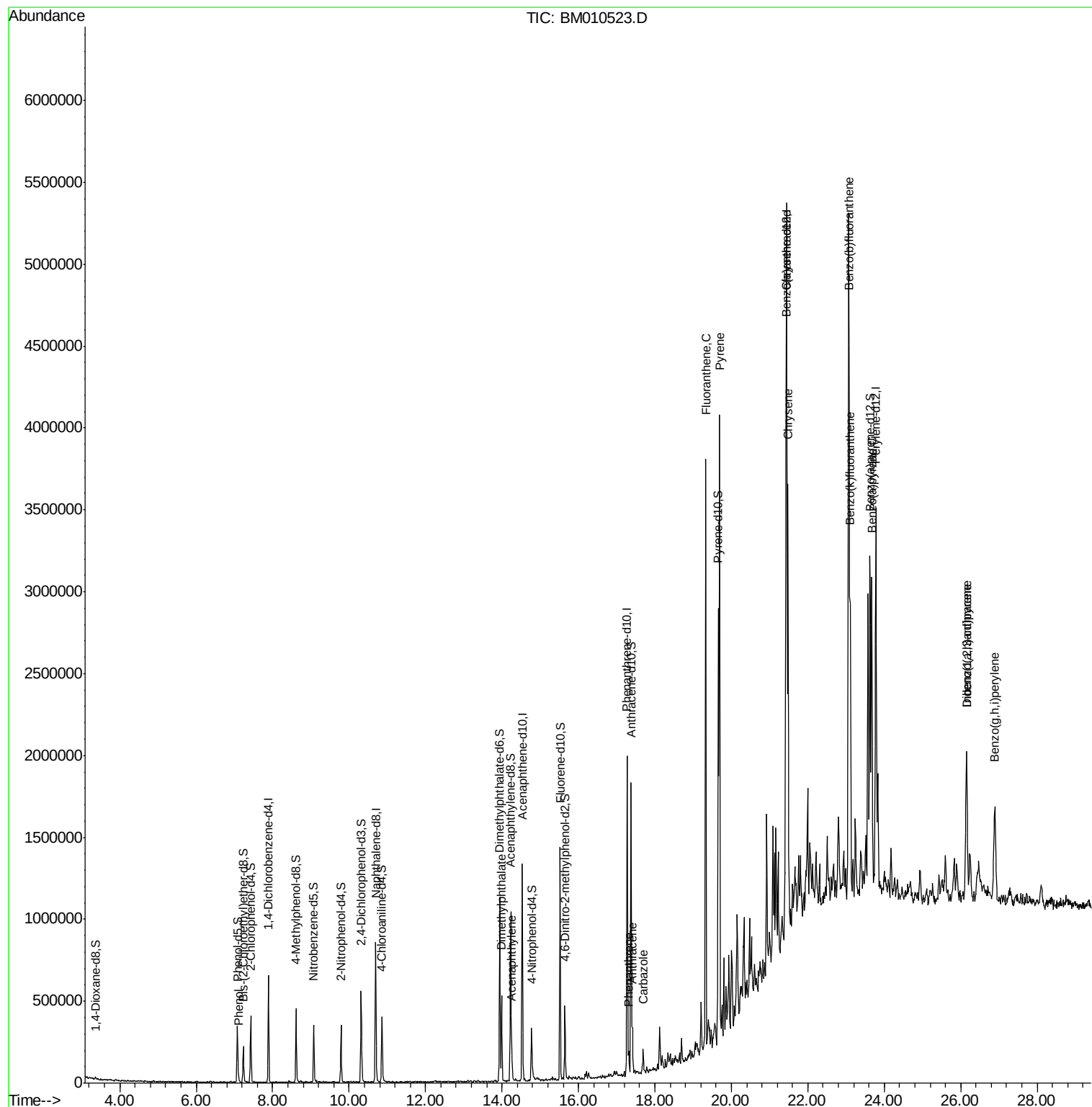
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010523.D
Acq On : 11 Jun 2017 13:46
Operator : SJ/MA
Sample : I3522-05
Misc :
ALS Vial : 48 Sample Multiplier: 1

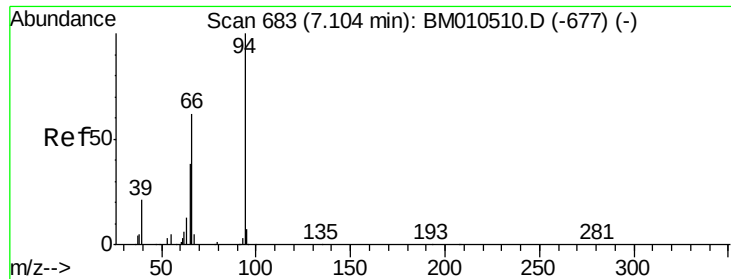
Instrument :
BNA_M
ClientSampled :
F5D30

Quant Time: Jun 12 10:13:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:42 PM





#6

Phenol

Concen: 1.246 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

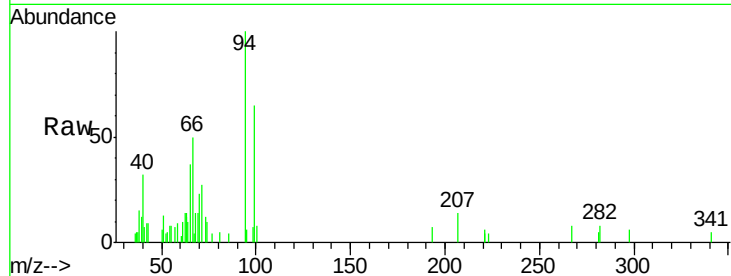
ClientSampleId :

F5D30

Tgt Ion:	94	Resp:	14293
Ion Ratio	Lower	Upper	
94	100		
65	37.1	28.2	42.4
66	49.7	47.2	70.8

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:42 PM

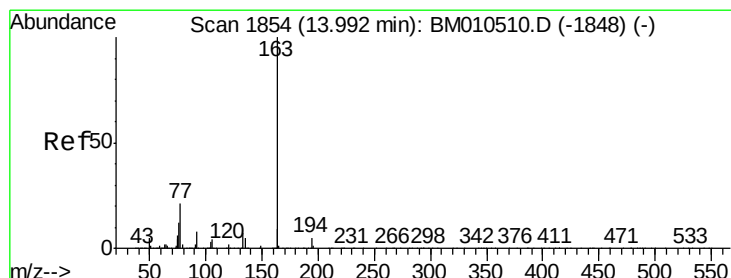
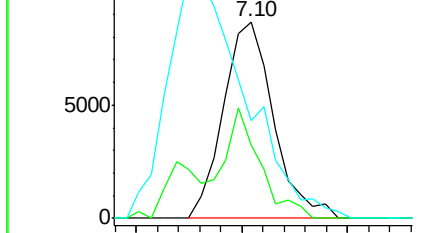
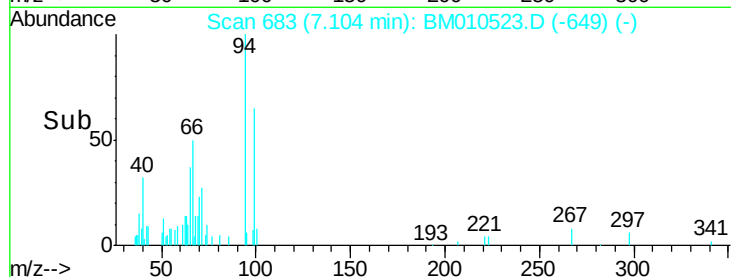


Abundance Ion 94.00 (93.70 to 94.70): BM010523.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM010523.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM010523.D (-649) (-)

Time-->



#44

Dimethylphthalate

Concen: 8.886 ng/ul

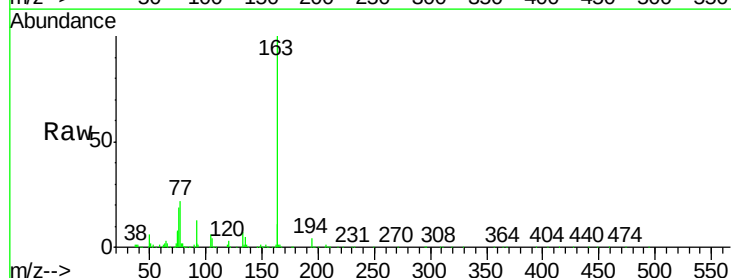
RT: 13.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Tgt Ion:	163	Resp:	278981
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	11.2	8.2	12.4

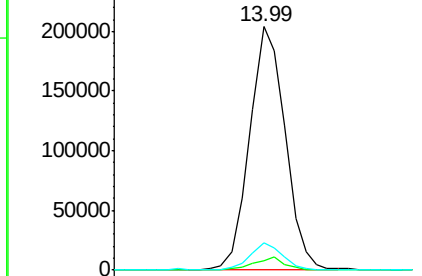
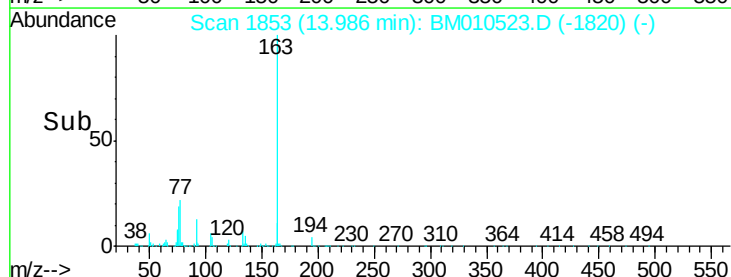


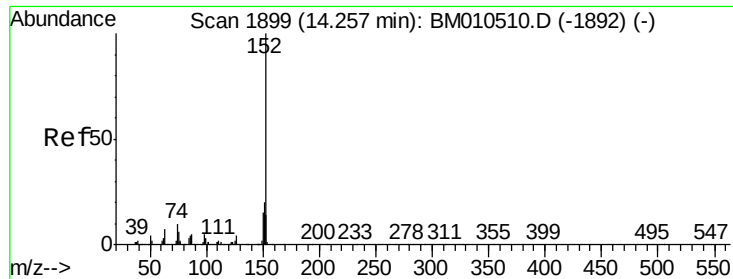
Abundance Ion 163.00 (162.70 to 163.70): BM010523.D (-1820) (-)

Ion 194.00 (193.70 to 194.70): BM010523.D (-1820) (-)

Ion 164.00 (163.70 to 164.70): BM010523.D (-1820) (-)

Time-->





#47

Acenaphthylene

Concen: 2.517 ng/ul

RT: 14.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

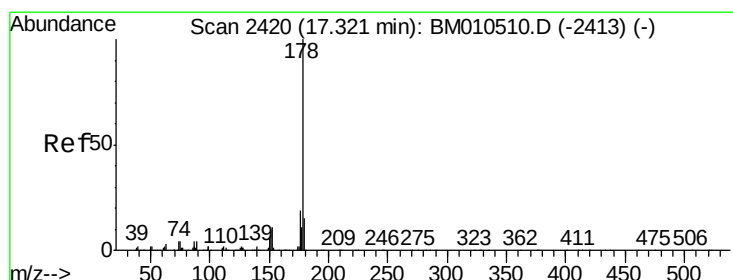
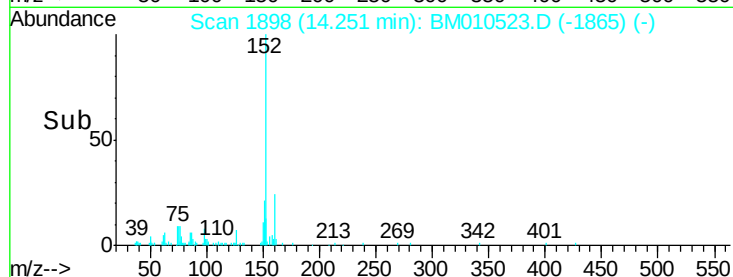
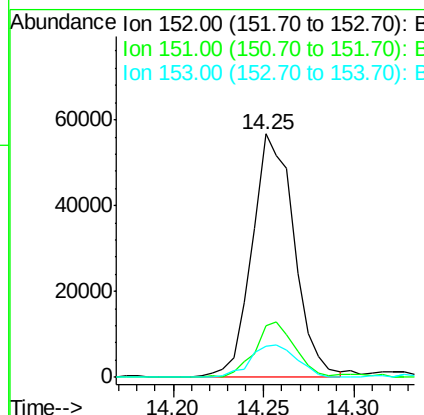
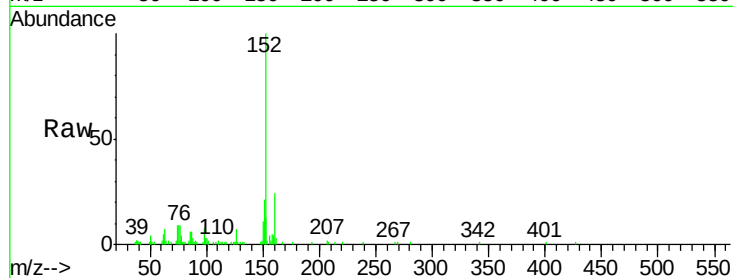
ClientSampleId :

F5D30

Tgt Ion:	152	Resp:	91612
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.3	24.5
153	12.8	10.2	15.4

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:42 PM



#69

Phenanthrene

Concen: 1.388 ng/ul

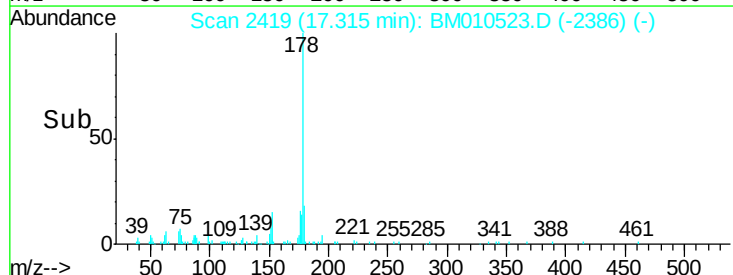
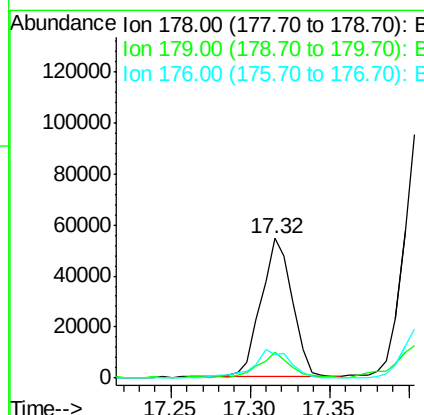
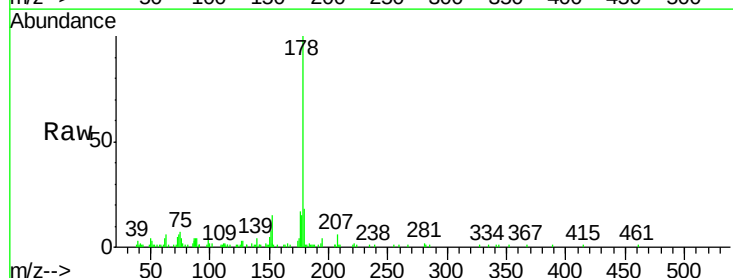
RT: 17.32 min Scan# 2419

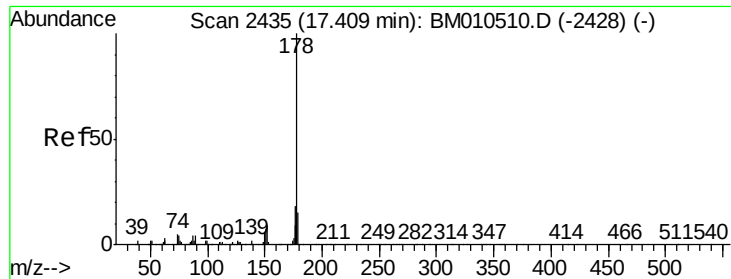
Delta R.T. -0.01 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Tgt Ion:	178	Resp:	75237
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.6	19.0
176	17.0	14.9	22.3





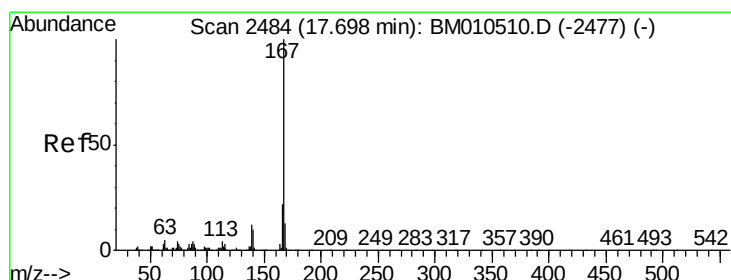
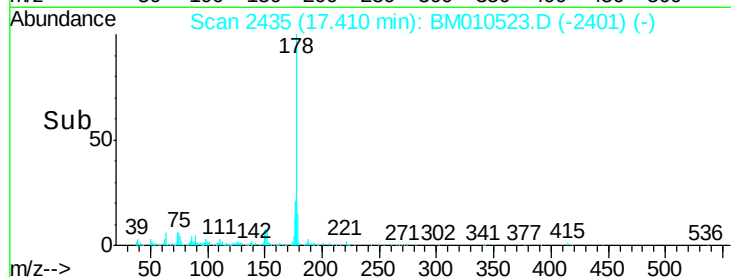
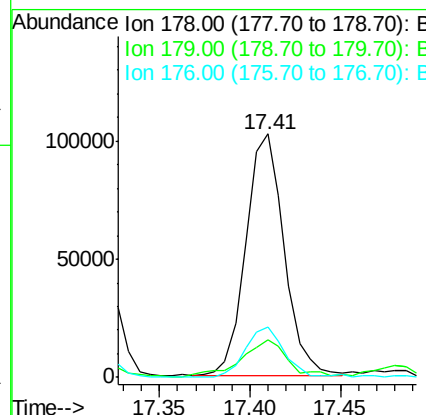
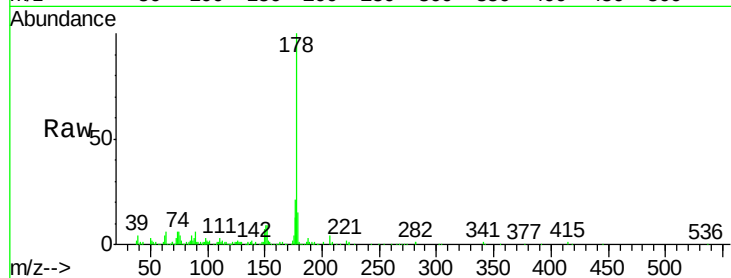
#71
 Anthracene
 Concen: 2.645 ng/ul
 RT: 17.41 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BM010523.D
 Acq: 11 Jun 2017 13:46

Instrument :
 BNA_M
 ClientSampleId :
 F5D30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	20.9	14.6	21.8

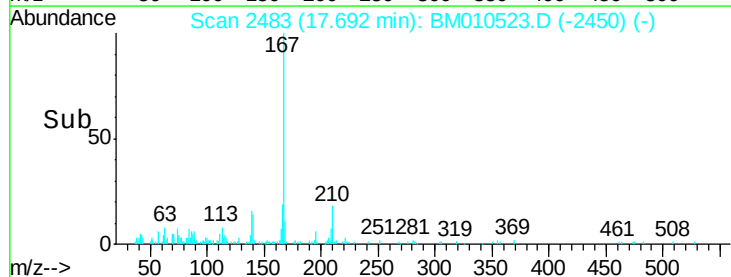
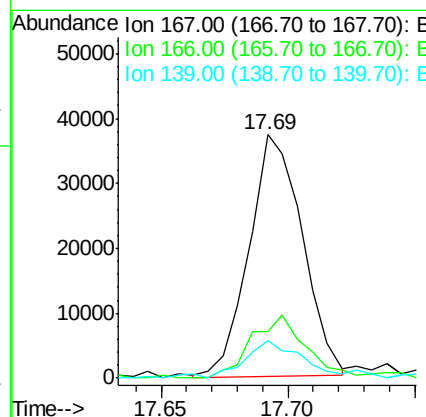
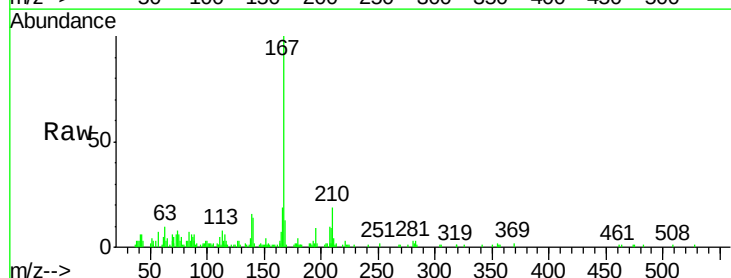
Manual Integrations
 APPROVED

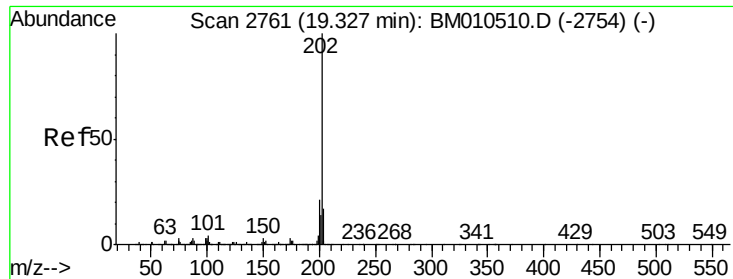
mohammad
 6/12/2017 3:41:42 PM



#72
 Carbazole
 Concen: 1.137 ng/ul
 RT: 17.69 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BM010523.D
 Acq: 11 Jun 2017 13:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.2	17.1	25.7
139	15.6	10.0	15.0#





#74

Fluoranthene

Concen: 28.834 ng/ul

RT: 19.33 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Instrument :

BNA_M

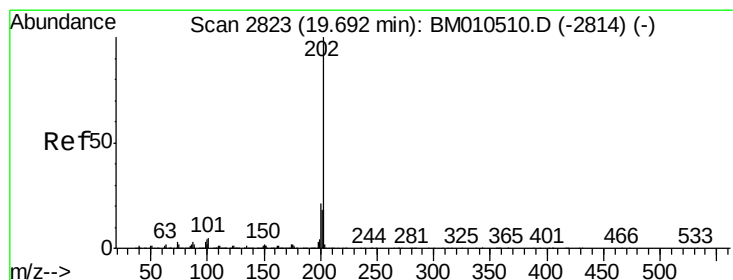
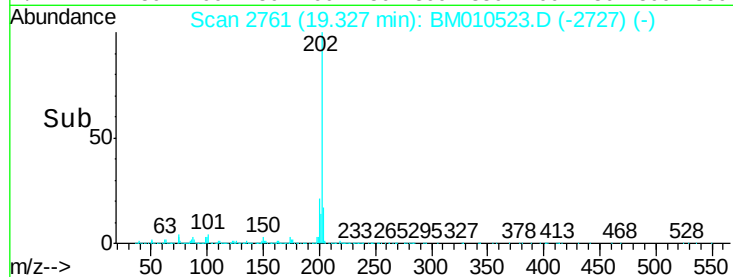
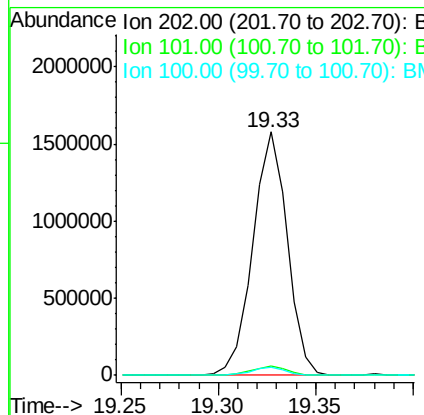
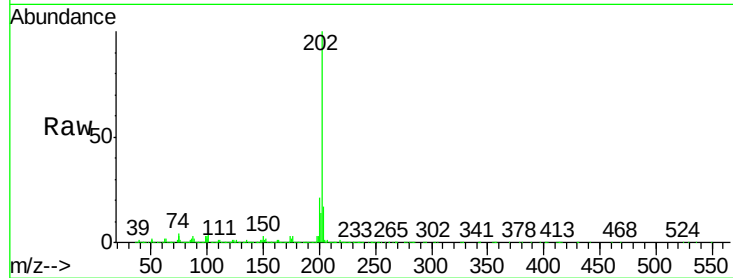
ClientSampleId :

F5D30

Tgt	Ion	202	Resp	1922117
Ion	Ratio	Lower	Upper	
202	100			
101	3.6	4.6	7.0#	
100	3.3	3.4	5.2#	

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:42 PM



#77

Pyrene

Concen: 25.365 ng/ul

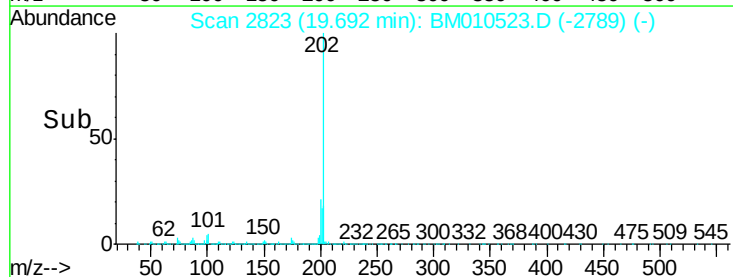
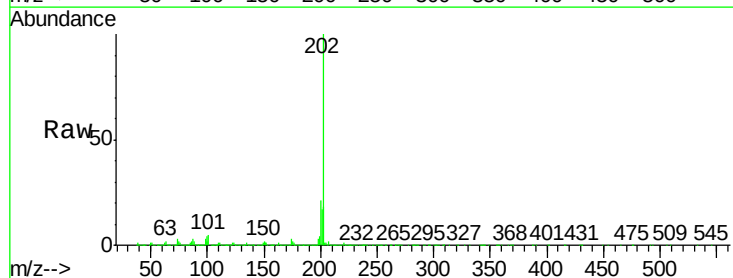
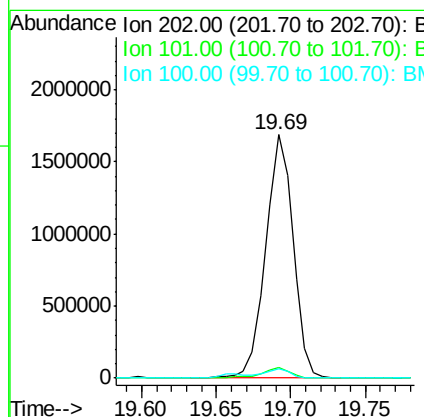
RT: 19.69 min Scan# 2823

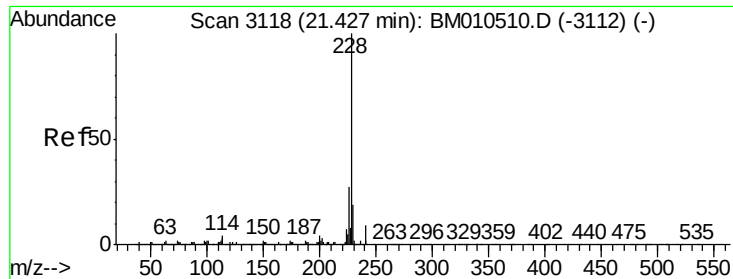
Delta R.T. 0.00 min

Lab File: BM010523.D

Acq: 11 Jun 2017 13:46

Tgt	Ion	202	Resp	2143499
Ion	Ratio	Lower	Upper	
202	100			
101	4.6	5.1	7.7#	
100	3.8	4.9	7.3#	





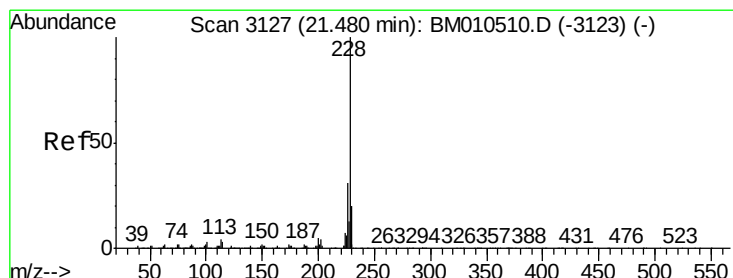
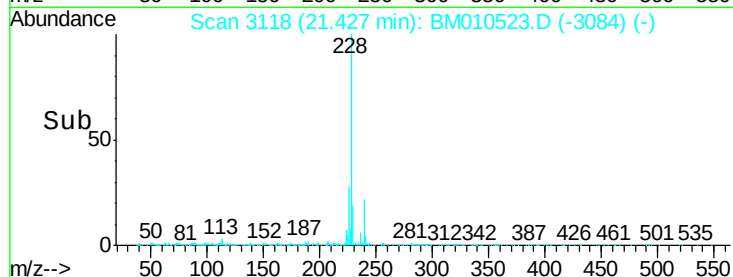
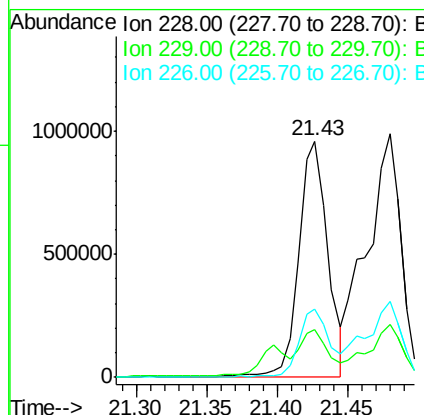
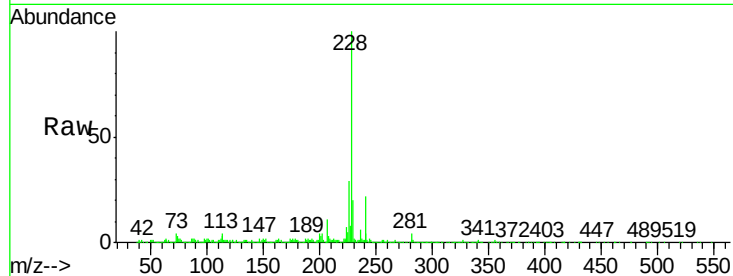
#80
Benzo(a)anthracene
Concen: 14.654 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM010523.D
Acq: 11 Jun 2017 13:46

Instrument :
BNA_M
ClientSampleId :
F5D30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	29.1	21.4	32.0

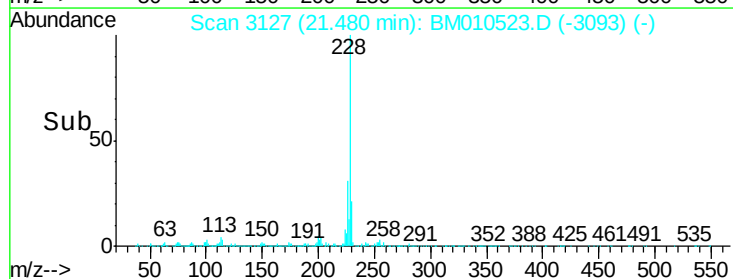
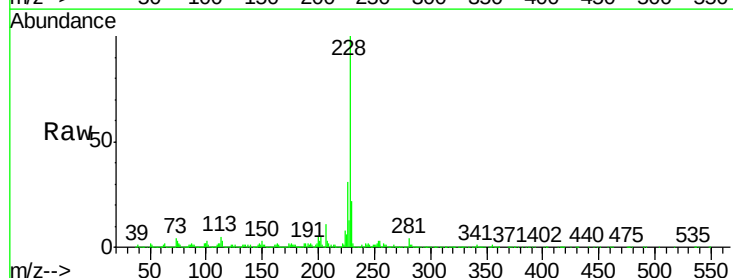
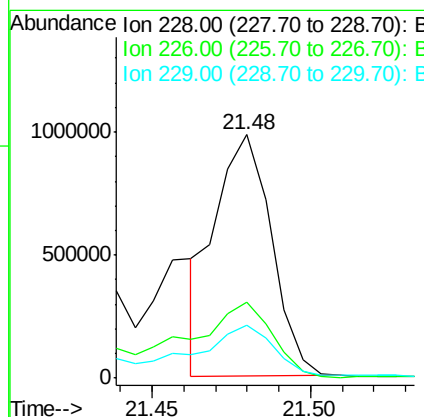
Manual Integrations
APPROVED

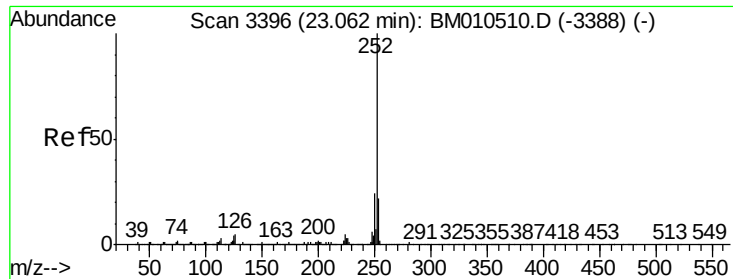
mohammad
6/12/2017 3:41:42 PM



#82
Chrysene
Concen: 14.369 ng/ul
RT: 21.48 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BM010523.D
Acq: 11 Jun 2017 13:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	21.7	15.5	23.3





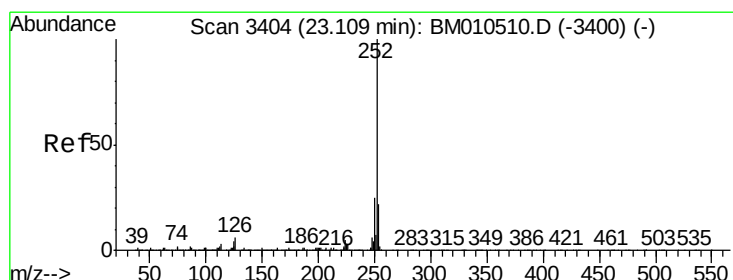
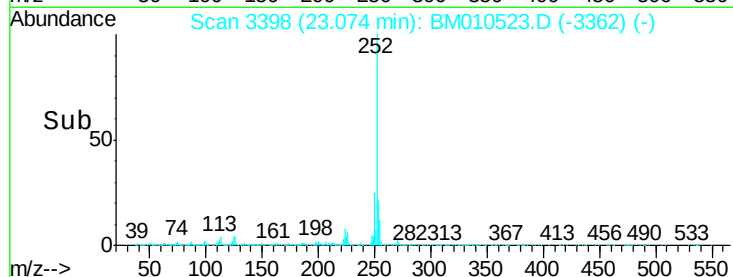
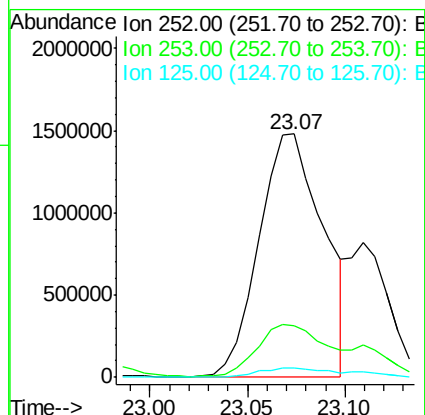
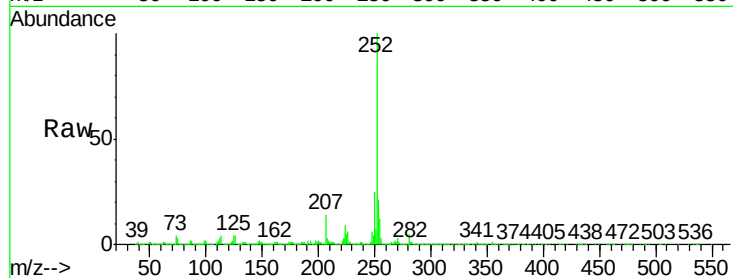
#85
Benzo(b)fluoranthene
Concen: 34.635 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. 0.01 min
Lab File: BM010523.D
Acq: 11 Jun 2017 13:46

Instrument :
BNA_M
ClientSampleId :
F5D30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	4.1	3.6	5.4

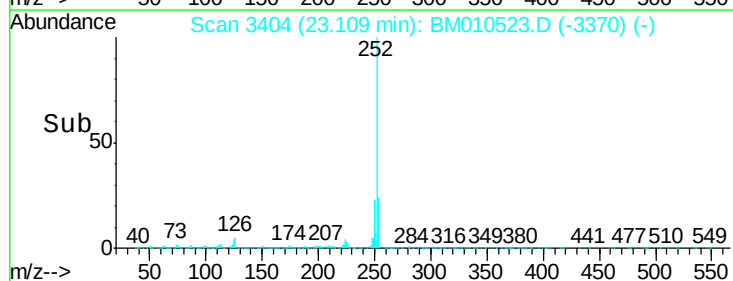
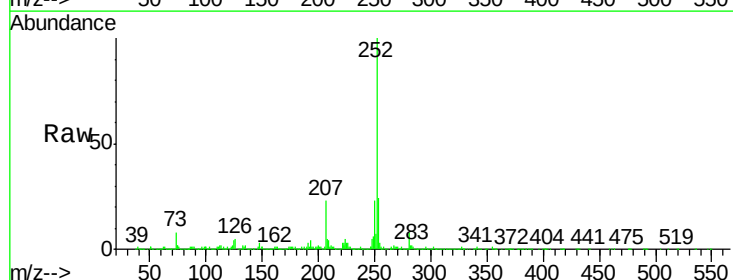
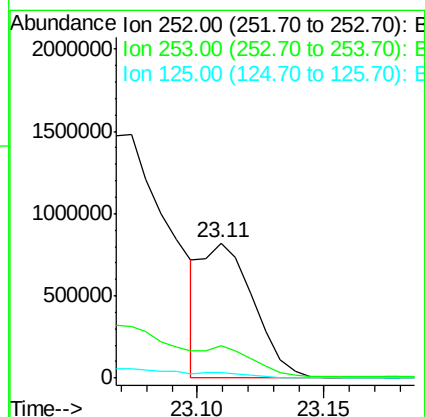
Manual Integrations
APPROVED

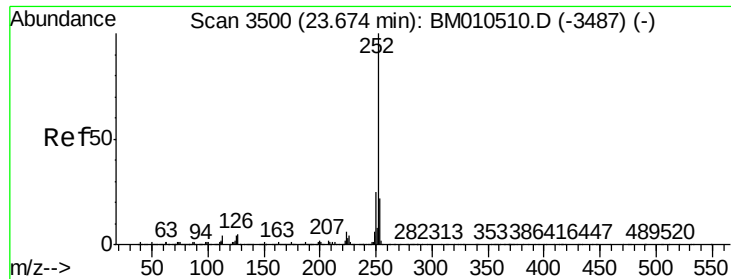
mohammad
6/12/2017 3:41:42 PM



#86
Benzo(k)fluoranthene
Concen: 12.182 ng/ul
RT: 23.11 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BM010523.D
Acq: 11 Jun 2017 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	4.1	3.4	5.2





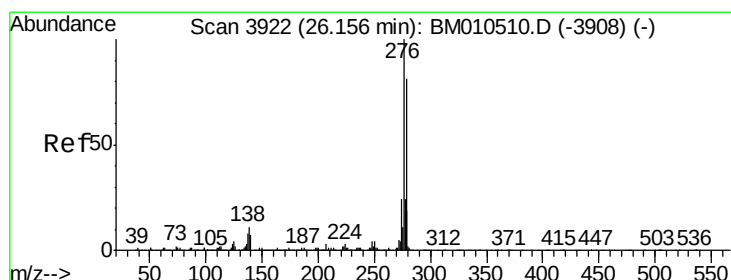
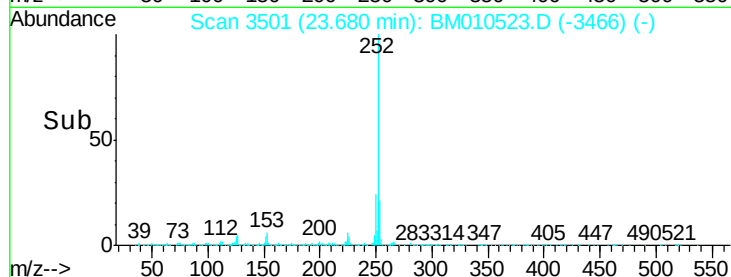
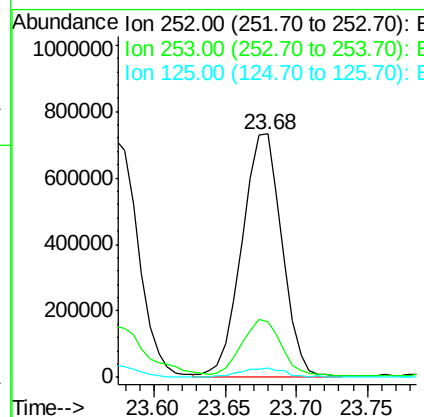
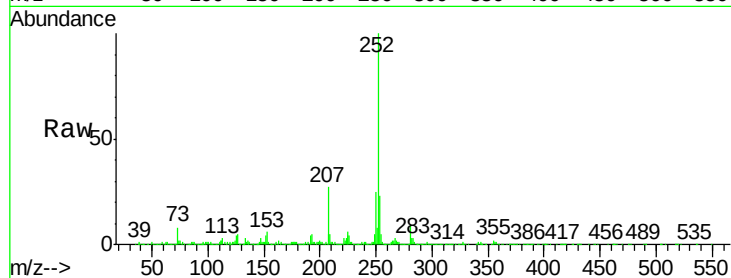
#88
Benzo(a)pyrene
Concen: 14.834 ng/ul m
RT: 23.68 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BM010523.D
Acq: 11 Jun 2017 13:46

Instrument :
BNA_M
ClientSampleId :
F5D30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	3.9	4.0	6.0#

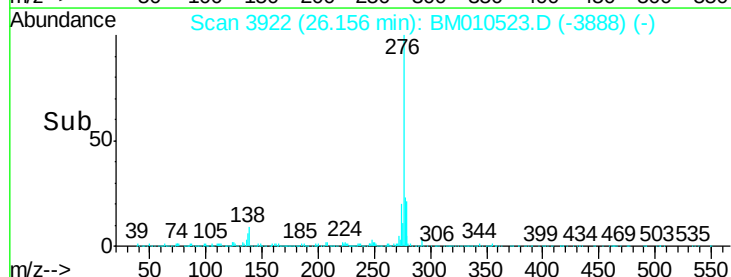
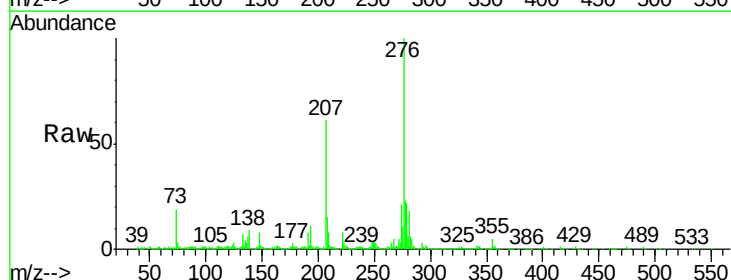
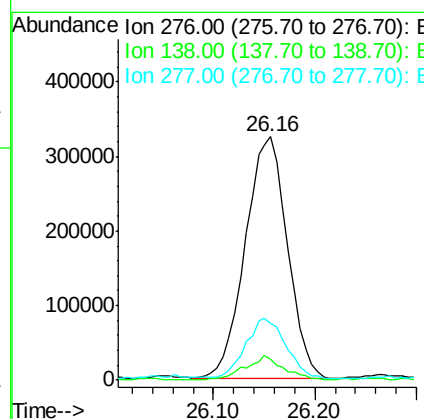
Manual Integrations
APPROVED

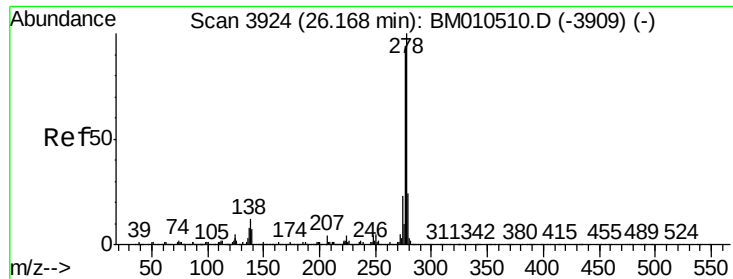
mohammad
6/12/2017 3:41:42 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 7.689 ng/ul
RT: 26.16 min Scan# 3922
Delta R.T. 0.00 min
Lab File: BM010523.D
Acq: 11 Jun 2017 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.8	9.3	13.9#
277	23.3	19.9	29.9





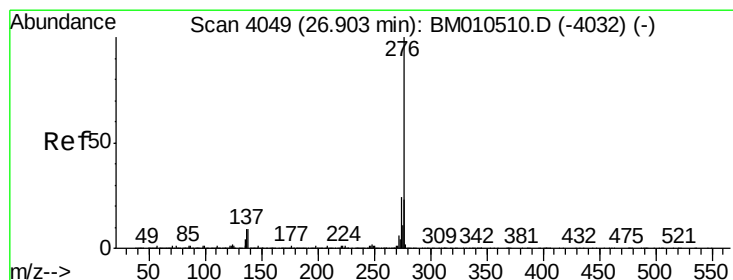
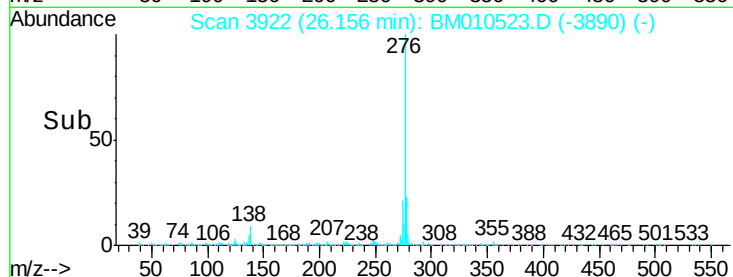
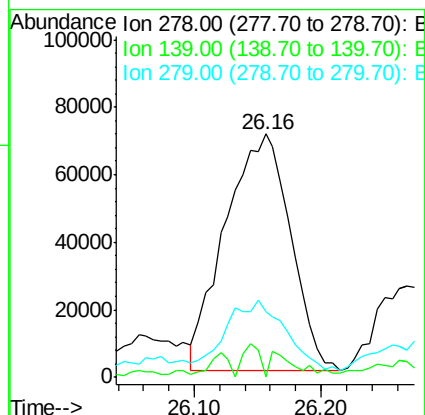
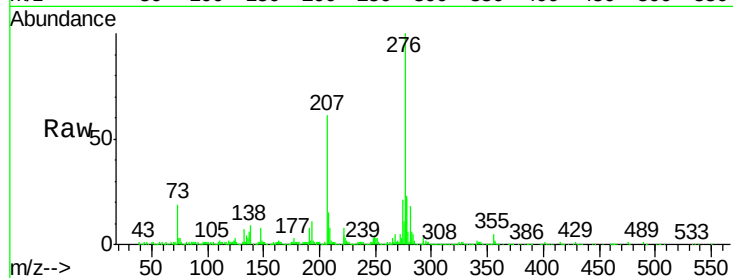
#90
Dibenzo(a,h)anthracene
Concen: 2.383 ng/ul
RT: 26.16 min Scan# 3922
Delta R.T. -0.01 min
Lab File: BM010523.D
Acq: 11 Jun 2017 13:46

Instrument :
BNA_M
ClientSampled :
F5D30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	26.8	18.6	27.8

Manual Integrations
APPROVED

mohammad
6/12/2017 3:41:42 PM



#91
Benzo(g,h,i)perylene
Concen: 6.567 ng/ul
RT: 26.90 min Scan# 4048
Delta R.T. -0.01 min
Lab File: BM010523.D
Acq: 11 Jun 2017 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.5	8.5	12.7
277	23.0	18.6	28.0

