

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010514.D
 Acq On : 11 Jun 2017 08:22
 Operator : SJ/MA
 Sample : I3520-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B41

Manual Integrations
 APPROVED

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 6/12/2017 3:41:21 PM

Quant Time: Jun 12 09:34:45 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	152026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	567930	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	390911	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1016345	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1497747	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1510489	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	10675	2.88	ng/uL	0.00
5) Phenol-d5	7.07	99	180069	15.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	104125	16.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	155369	16.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	151003	16.25	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	73636	17.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	91780	19.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	195399	19.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	177625	18.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	657234	20.24	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	720814	19.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	64738	13.32	ng/ul	0.00
57) Fluorene-d10	15.52	176	572541	20.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	104106	14.46	ng/ul	0.00
70) Anthracene-d10	17.37	188	926902	18.74	ng/ul	0.00
76) Pyrene-d10	19.66	212	1186190	19.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1299910	18.48	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.10	94	15591	1.320 ng/ul#	78
44) Dimethylphthalate	13.99	163	196364	6.148 ng/ul	99
47) Acenaphthylene	14.26	152	82364	2.224 ng/ul#	92
69) Phenanthrene	17.32	178	60915m	1.123 ng/ul	
71) Anthracene	17.41	178	205976	3.636 ng/ul	97
74) Fluoranthene	19.33	202	555481m	8.325 ng/ul	
77) Pyrene	19.69	202	880783	11.412 ng/ul#	94
80) Benzo(a)anthracene	21.43	228	936766	11.091 ng/ul	95
82) Chrysene	21.48	228	570643	7.474 ng/ul	97
85) Benzo(b)fluoranthene	23.07	252	3275282	37.265 ng/ul	98
86) Benzo(k)fluoranthene	23.11	252	786850m	9.371 ng/ul	
88) Benzo(a)pyrene	23.68	252	1439670m	16.525 ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.16	276	989886	8.993 ng/ul#	97
90) Dibenzo(a,h)anthracene	26.15	278	279546	2.949 ng/ul#	87
91) Benzo(g,h,i)perylene	26.90	276	703403	7.757 ng/ul	99

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

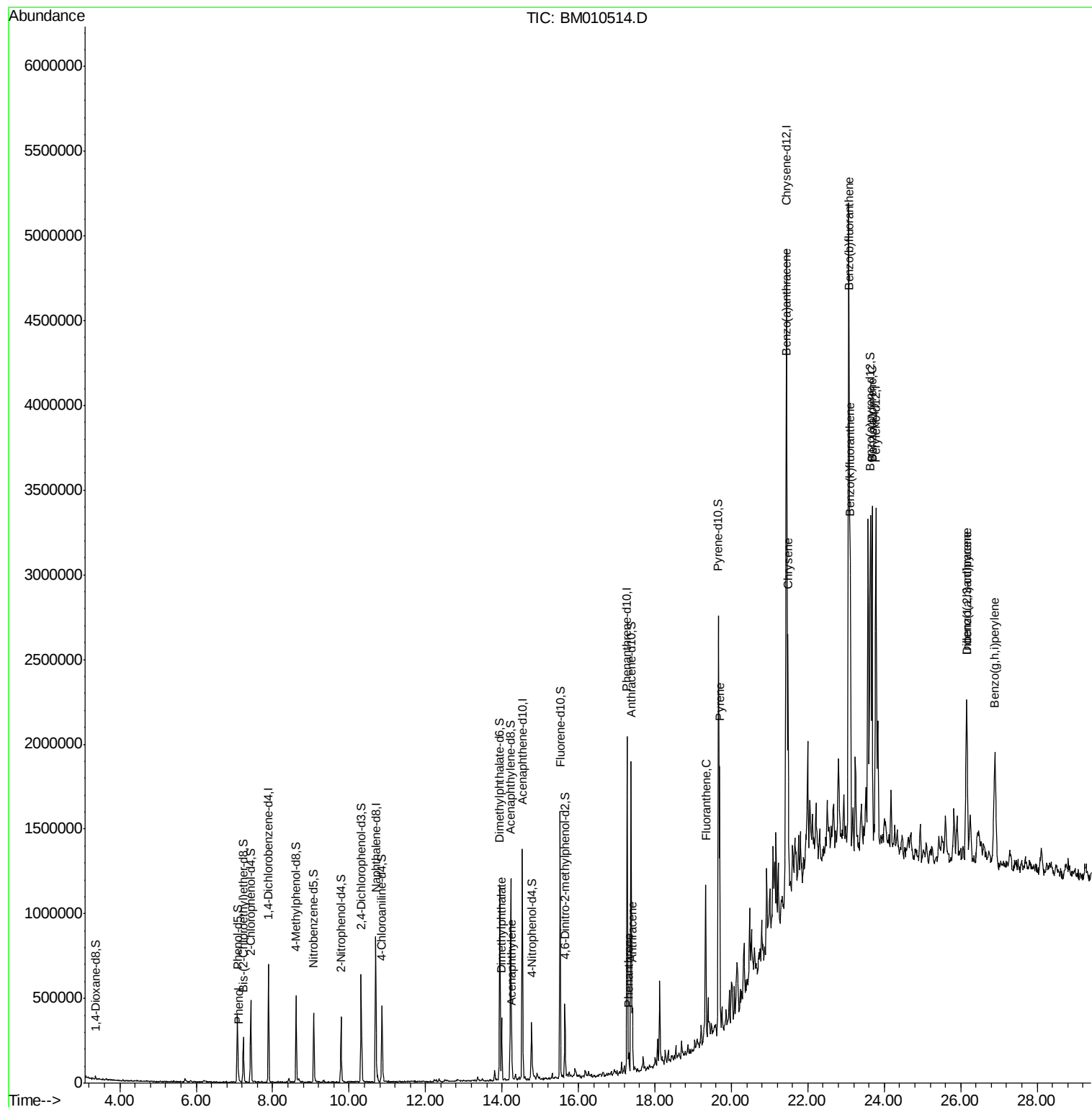
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010514.D
Acq On : 11 Jun 2017 08:22
Operator : SJ/MA
Sample : I3520-14
Misc :
ALS Vial : 39 Sample Multiplier: 1

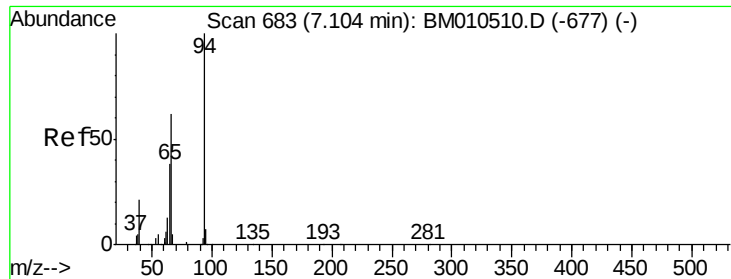
Instrument :
BNA_M
ClientSampled :
F5B41

Manual Integrations
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Quant Time: Jun 12 09:34:45 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





#6

Phenol

Concen: 1.320 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Instrument :

BNA_M

ClientSampleId :

F5B41

Tgt Ion: 94 Resp: 15591

Ion Ratio Lower Upper

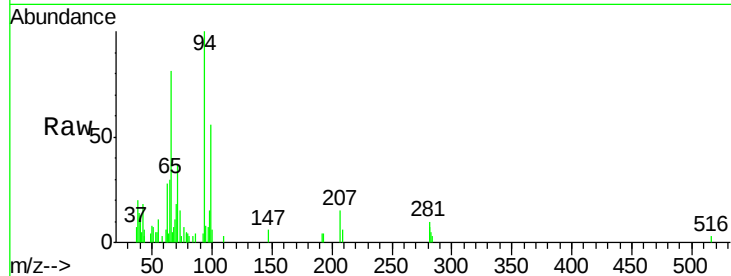
94 100

65 29.6 28.2 42.4

66 80.7 47.2 70.8#

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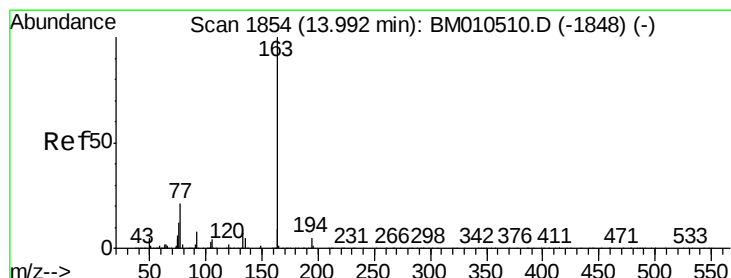
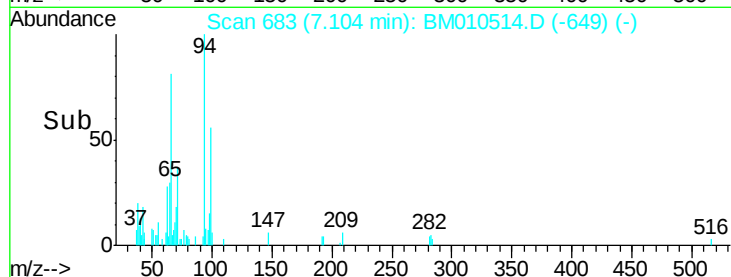
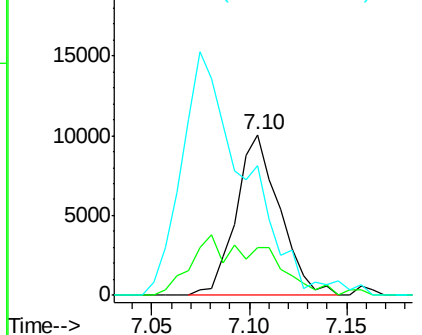
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Abundance Ion 94.00 (93.70 to 94.70): BM010510.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM010510.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM010510.D (-677) (-)



#44

Dimethylphthalate

Concen: 6.148 ng/ul

RT: 13.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

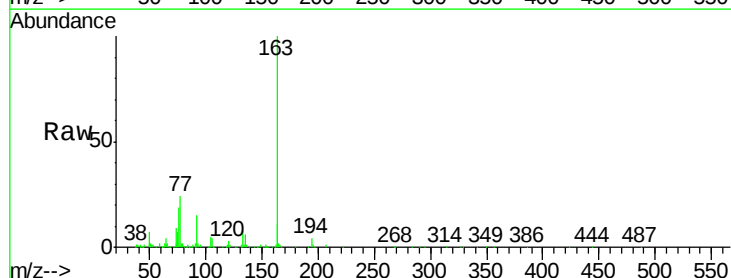
Tgt Ion: 163 Resp: 196364

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

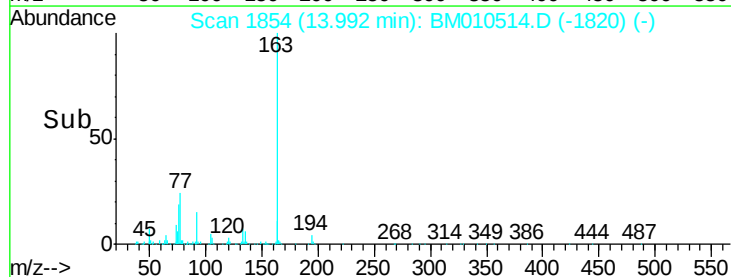
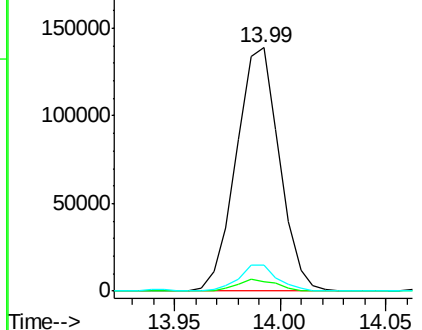
164 10.7 8.2 12.4

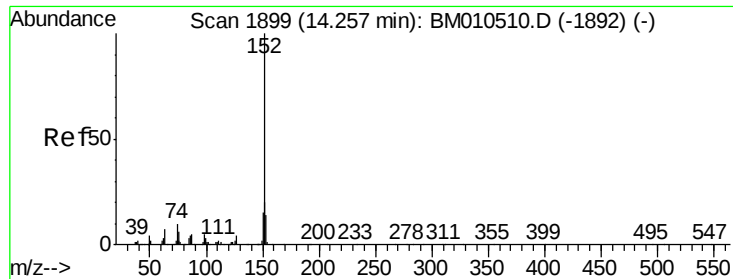


Abundance Ion 163.00 (162.70 to 163.70): BM010510.D (-1848) (-)

Ion 194.00 (193.70 to 194.70): BM010510.D (-1848) (-)

Ion 164.00 (163.70 to 164.70): BM010510.D (-1848) (-)





#47

Acenaphthylene

Concen: 2.224 ng/ul

RT: 14.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Instrument :

BNA_M

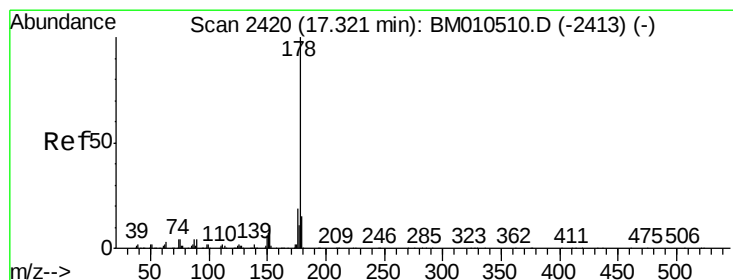
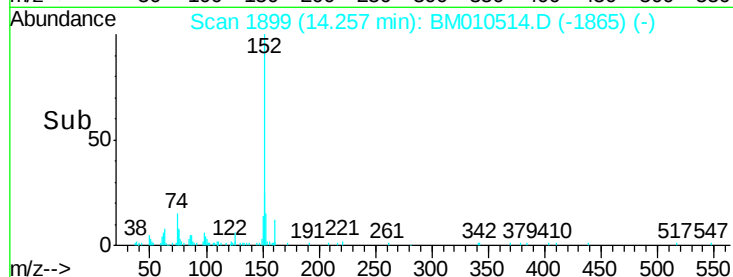
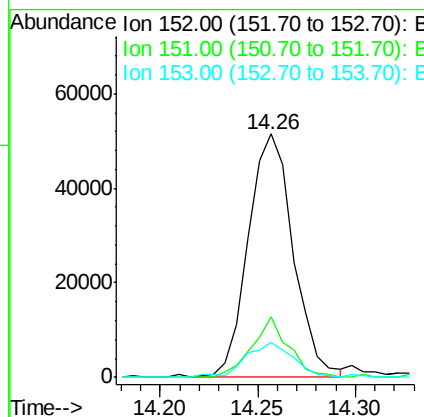
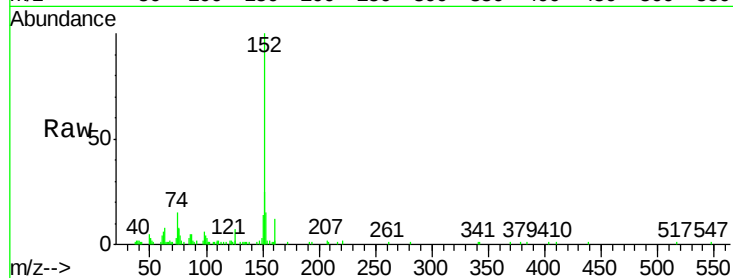
ClientSampleId :

F5B41

Tgt Ion:	152	Resp:	82364
Ion Ratio	Lower	Upper	
152	100		
151	24.9	16.3	24.5#
153	14.6	10.2	15.4

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#69

Phenanthrene

Concen: 1.123 ng/ul m

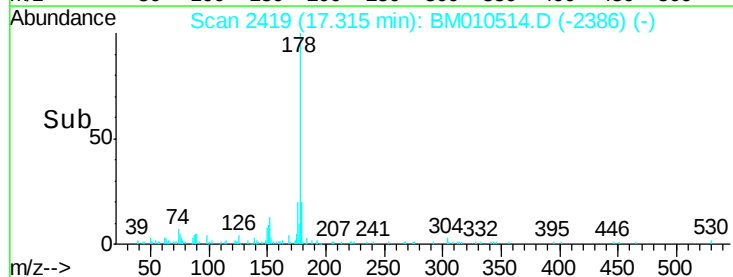
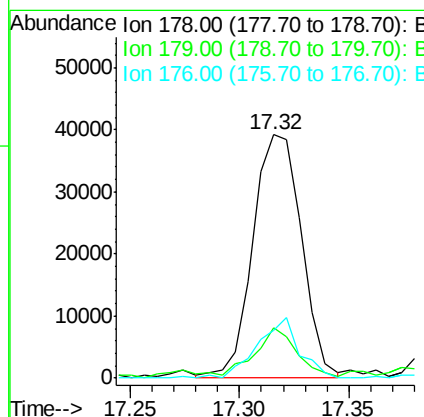
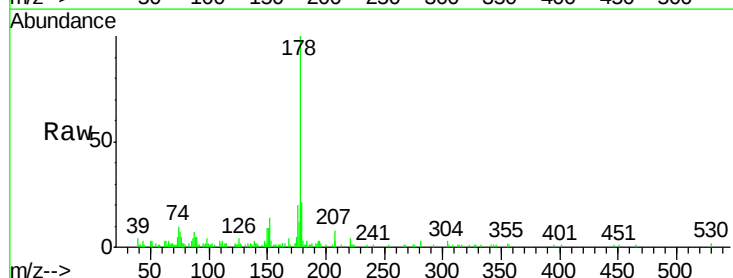
RT: 17.32 min Scan# 2419

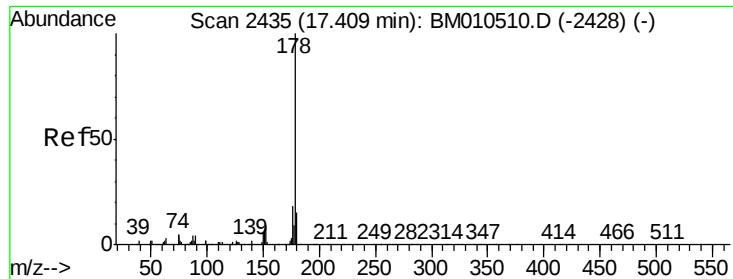
Delta R.T. -0.01 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Tgt Ion:	178	Resp:	60915
Ion Ratio	Lower	Upper	
178	100		
179	20.8	12.6	19.0#
176	19.9	14.9	22.3





#71

Anthracene

Concen: 3.636 ng/ul

RT: 17.41 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Instrument :

BNA_M

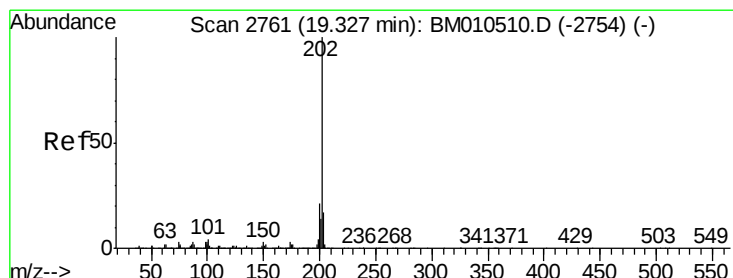
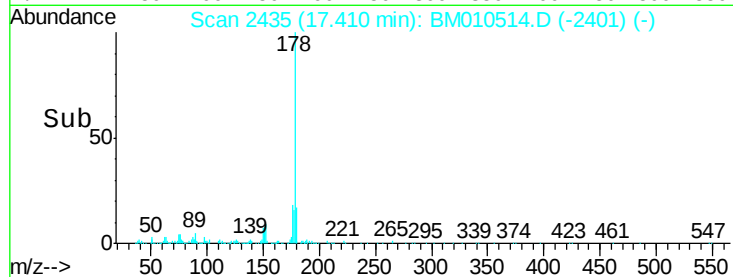
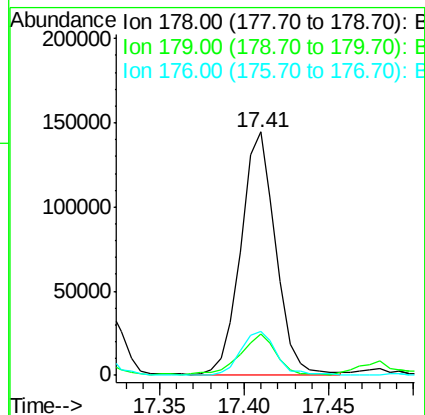
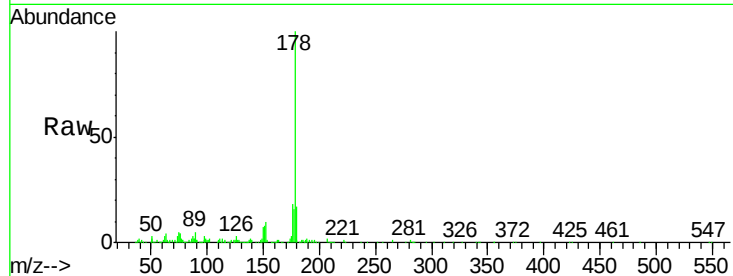
ClientSampleId :

F5B41

Tgt Ion:	178	Resp:	205976
Ion Ratio	Lower	Upper	
178	100		
179	17.1	11.7	17.5
176	17.9	14.6	21.8

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#74

Fluoranthene

Concen: 8.325 ng/ul m

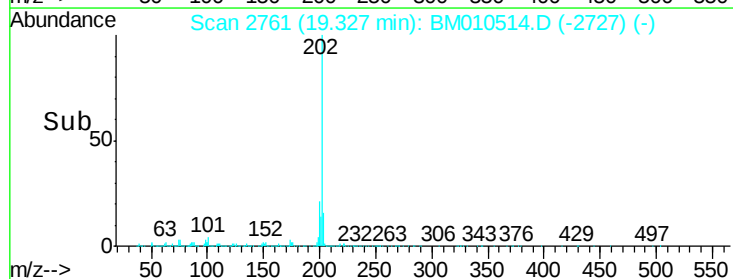
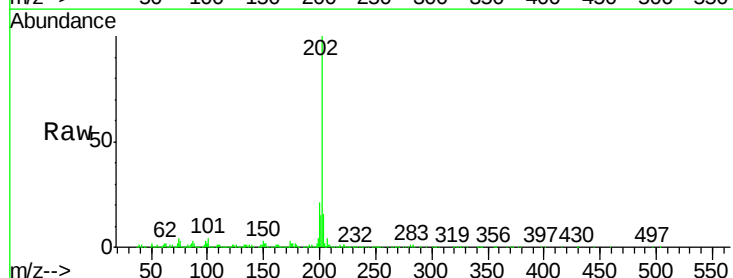
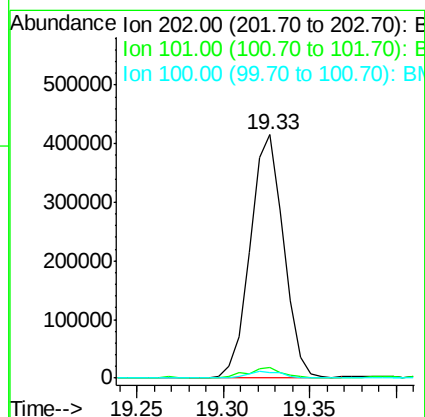
RT: 19.33 min Scan# 2761

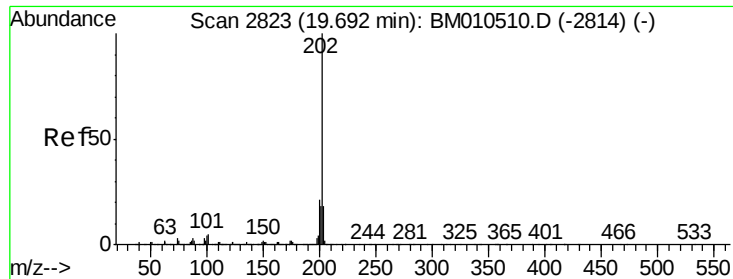
Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Tgt Ion:	202	Resp:	555481
Ion Ratio	Lower	Upper	
202	100		
101	4.4	4.6	7.0#
100	2.5	3.4	5.2#





#77

Pyrene

Concen: 11.412 ng/ul

RT: 19.69 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Instrument :

BNA_M

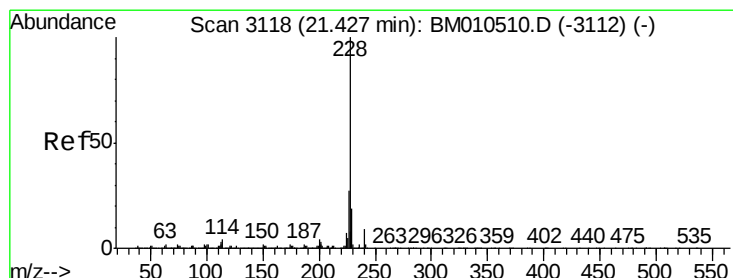
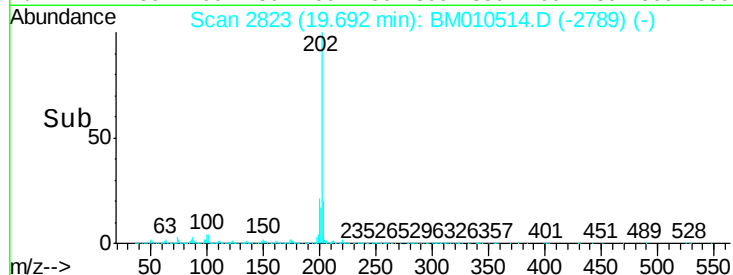
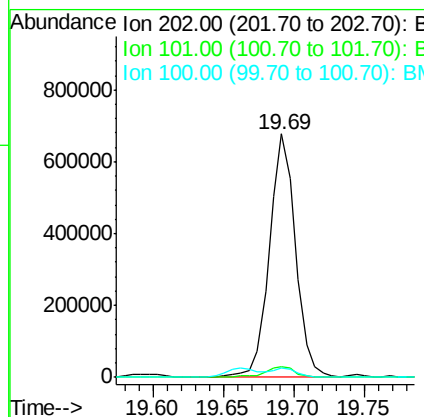
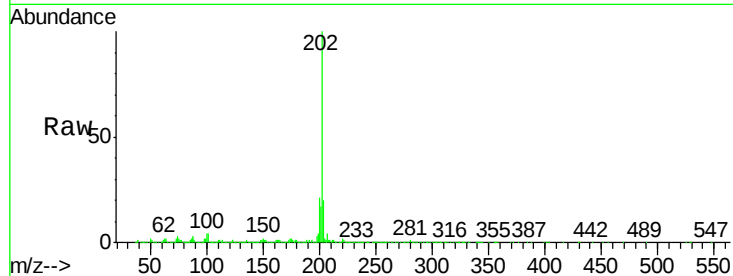
ClientSampleId :

F5B41

Tgt Ion:	202	Resp:	880783
Ion Ratio	Lower	Upper	
202	100		
101	4.5	5.1	7.7#
100	3.7	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 11.091 ng/ul

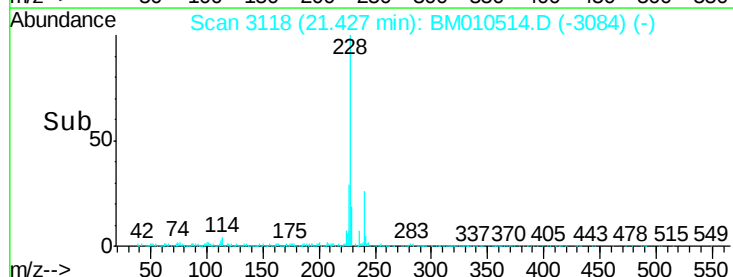
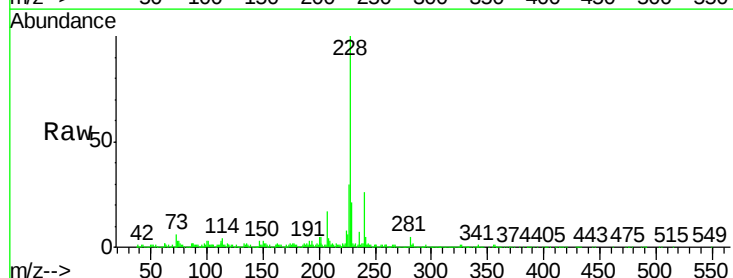
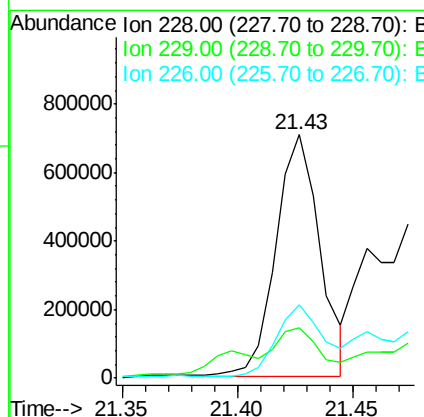
RT: 21.43 min Scan# 3118

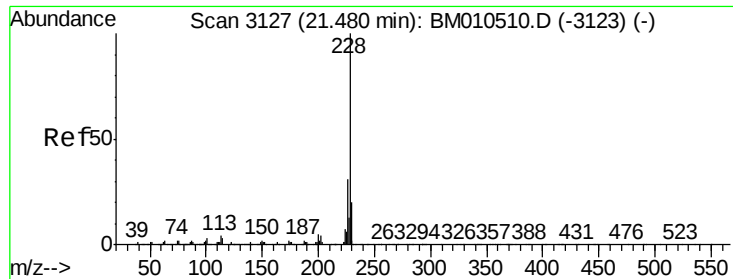
Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Tgt Ion:	228	Resp:	936766
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.4	23.0
226	30.0	21.4	32.0





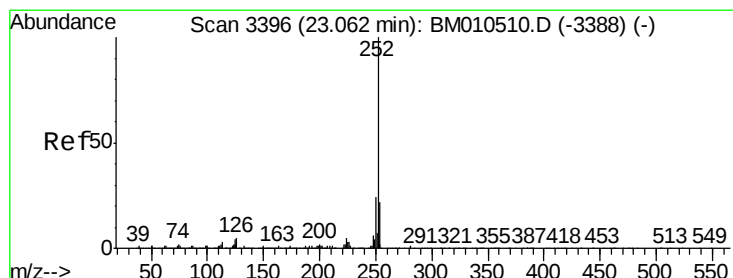
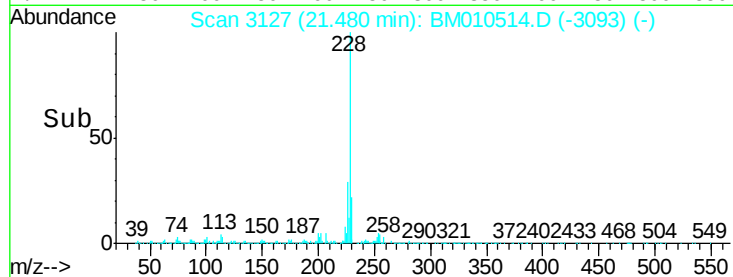
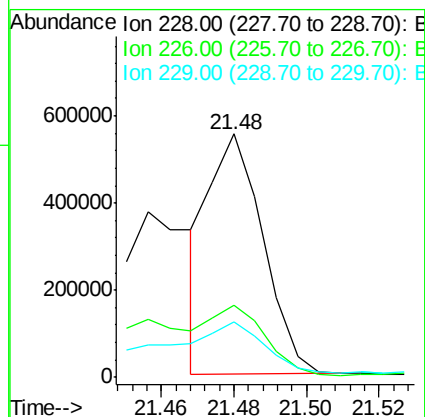
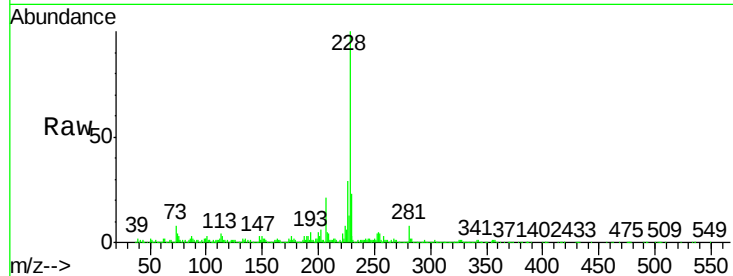
#82
Chrysene
Concen: 7.474 ng/u1
RT: 21.48 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BM010514.D
Acq: 11 Jun 2017 08:22

Instrument :
BNA_M
ClientSampleId :
F5B41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.9	15.5	23.3

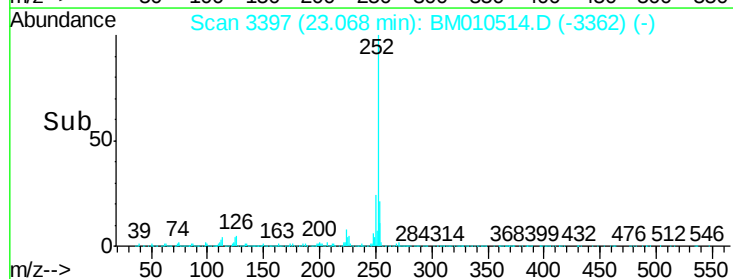
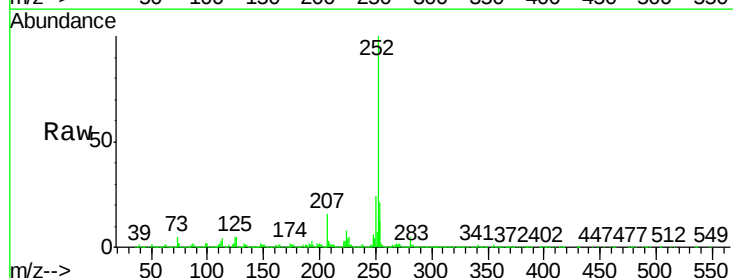
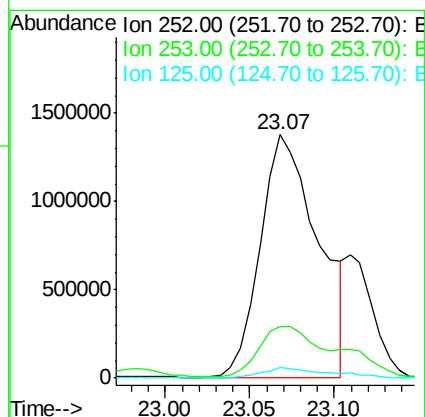
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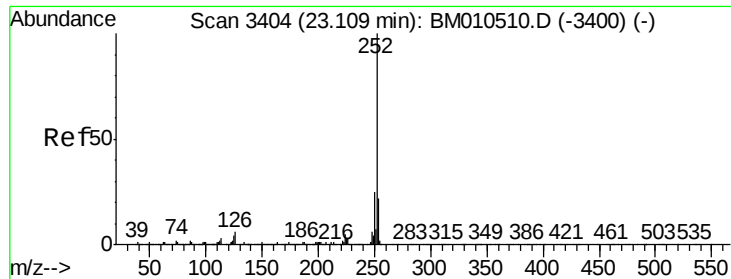
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#85
Benzo(b)fluoranthene
Concen: 37.265 ng/u1
RT: 23.07 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM010514.D
Acq: 11 Jun 2017 08:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	4.6	3.6	5.4





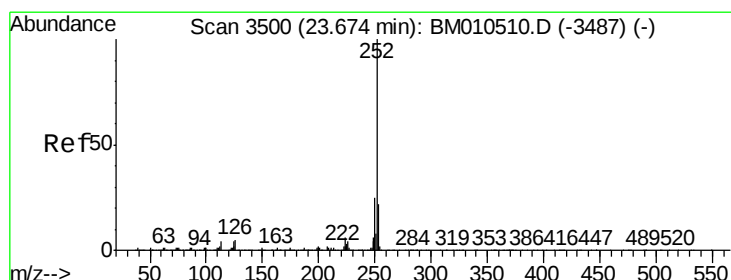
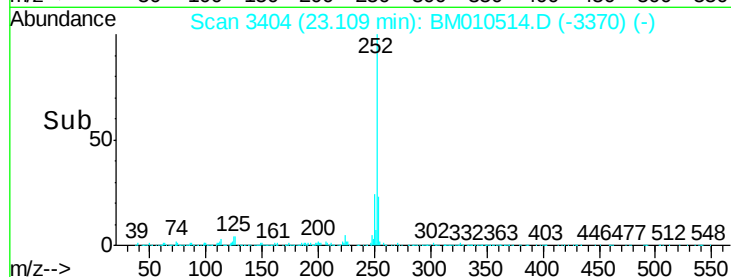
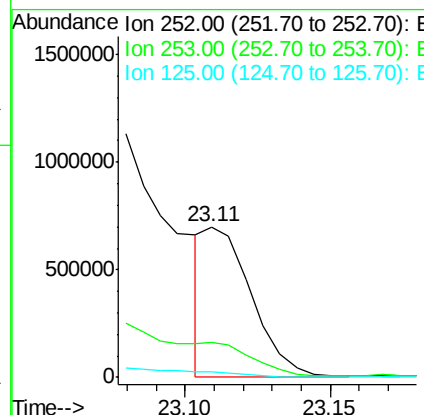
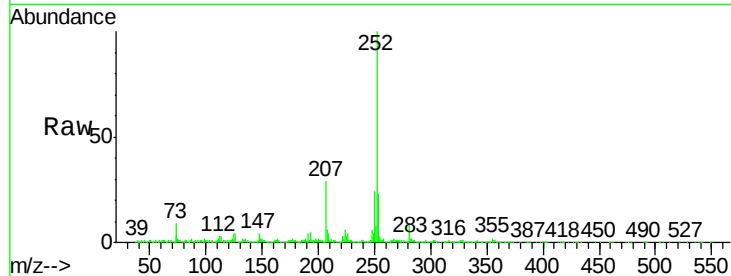
#86
Benzo(k)fluoranthene
Concen: 9.371 ng/ul m
RT: 23.11 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BM010514.D
Acq: 11 Jun 2017 08:22

Instrument :
BNA_M
ClientSampleId :
F5B41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	786850		
253	23.5	17.1	25.7	
125	4.1	3.4	5.2	

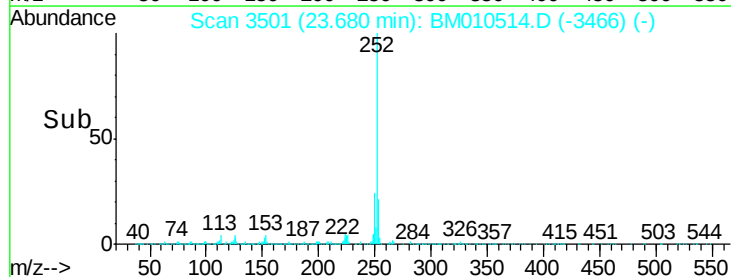
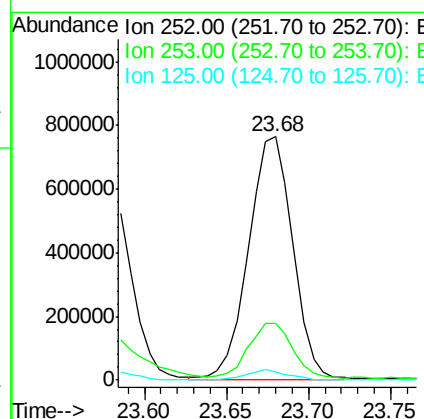
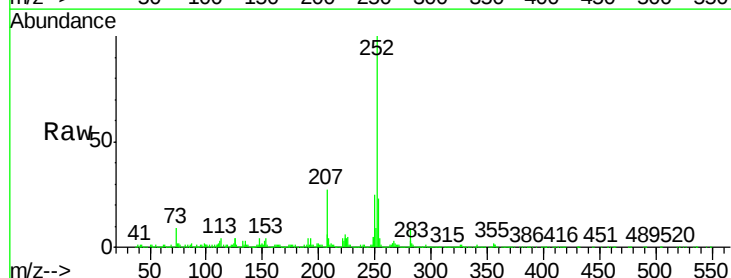
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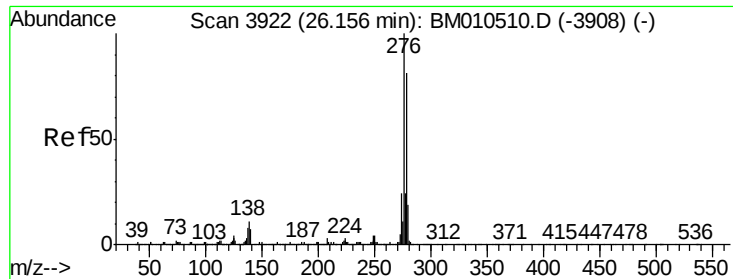
mohammad
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#88
Benzo(a)pyrene
Concen: 16.525 ng/ul m
RT: 23.68 min Scan# 3501
Delta R.T. 0.01 min
Lab File: BM010514.D
Acq: 11 Jun 2017 08:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1439670		
253	23.1	18.2	27.2	
125	3.6	4.0	6.0	





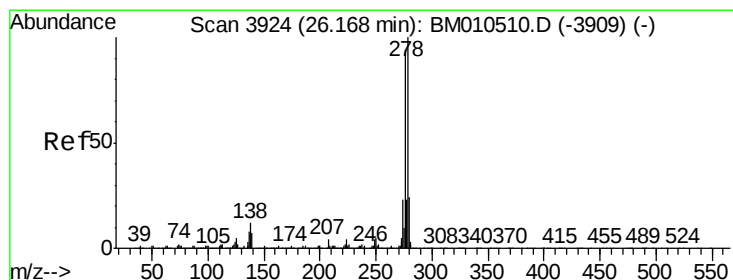
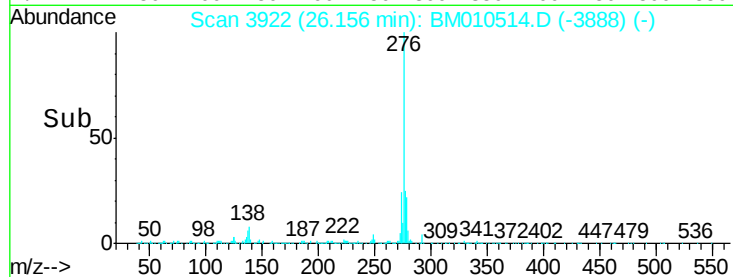
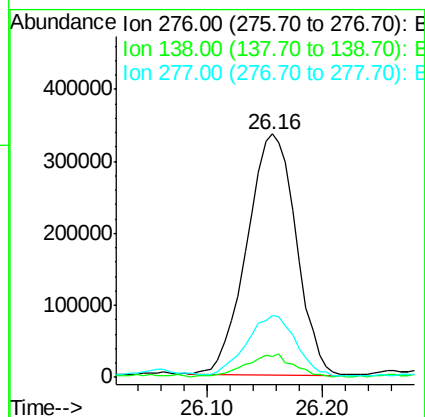
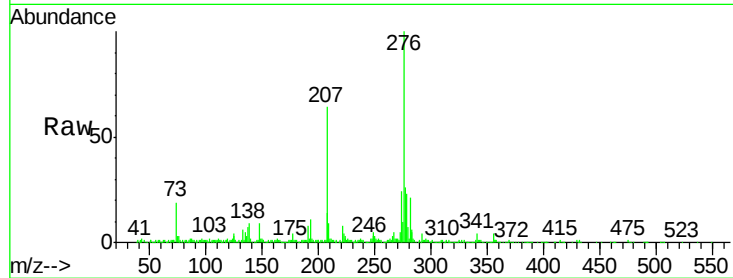
#89
Indeno(1,2,3-cd)pyrene
Concen: 8.993 ng/ul
RT: 26.16 min Scan# 3922
Delta R.T. 0.00 min
Lab File: BM010514.D
Acq: 11 Jun 2017 08:22

Instrument :
BNA_M
ClientSampleId :
F5B41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.6	9.3	13.9#
277	25.5	19.9	29.9

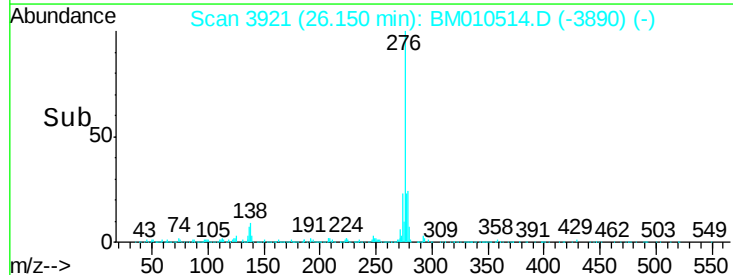
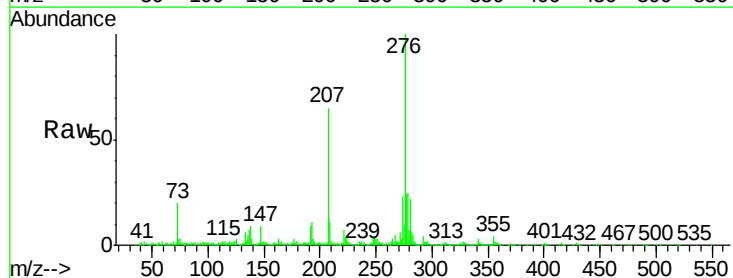
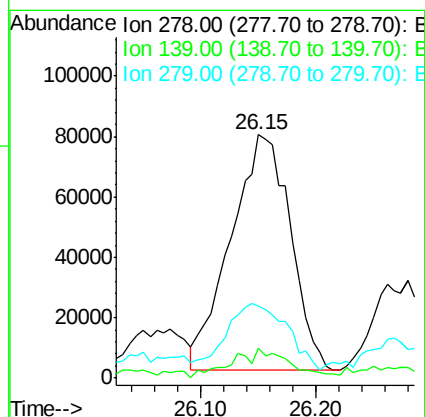
Manual Integrations
APPROVED

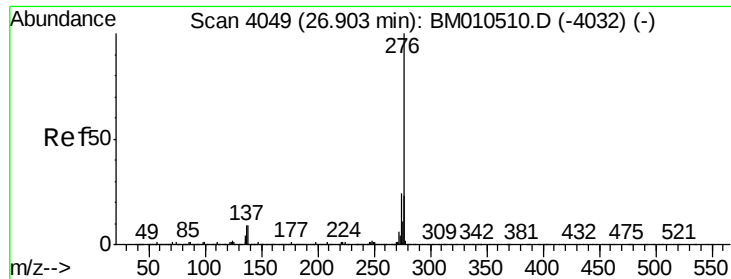
mohammad
6/12/2017 3:41:21 PM



#90
Dibenzo(a,h)anthracene
Concen: 2.949 ng/ul
RT: 26.15 min Scan# 3921
Delta R.T. -0.02 min
Lab File: BM010514.D
Acq: 11 Jun 2017 08:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	5.8	8.8#
279	29.6	18.6	27.8#





#91
 Benzo(g,h,i)perylene
 Concen: 7.757 ng/ul
 RT: 26.90 min Scan# 4048
 Delta R.T. -0.01 min
 Lab File: BM010514.D
 Acq: 11 Jun 2017 08:22

Instrument :
 BNA_M
 ClientSampleId :
 F5B41

Tgt Ion:	276	Resp:	703403
Ion Ratio	Lower	Upper	
276	100		
138	9.6	8.5	12.7
277	23.7	18.6	28.0

Manual Integrations
 APPROVED

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