

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
 Data File : BM010548.D
 Acq On : 12 Jun 2017 22:57
 Operator : SJ/MA
 Sample : I3521-07DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F5C55DL

Manual Integrations
 APPROVED

mohammad
 6/13/2017 3:54:38 PM

Quant Time: Jun 13 04:06:03 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 13 03:33:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	122777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	420323	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	288865	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	752080	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1159521	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1246178	20.00	ng/ul	0.00

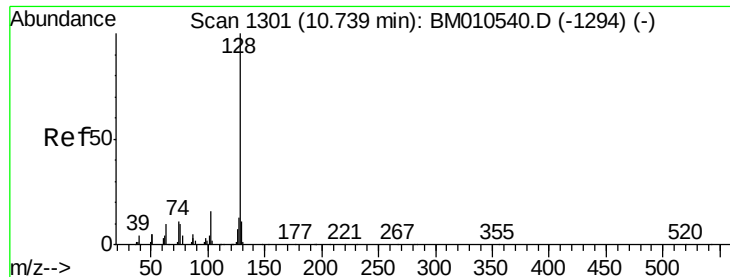
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	2013	0.67	ng/uL	0.02
5) Phenol-d5	7.07	99	31696	3.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	17192	3.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	29111	3.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	25059	3.34	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	11539	3.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	13345	3.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	29717	4.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	25294	3.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	115041	4.79	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	120746	4.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	8709m	2.43	ng/ul	0.02
57) Fluorene-d10	15.52	176	98586	4.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	15952	2.99	ng/ul	0.00
70) Anthracene-d10	17.37	188	167950	4.59	ng/ul	0.00
76) Pyrene-d10	19.66	212	224146	4.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	270209	4.66	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.74	128	88411	4.194	ng/ul	97
34) 2-Methylnaphthalene	12.35	142	19422	1.215	ng/ul	90
44) Dimethylphthalate	13.99	163	86233	3.653	ng/ul	97
47) Acenaphthylene	14.25	152	61926	2.263	ng/ul	100
53) Dibenzofuran	14.93	168	40892	1.441	ng/ul	90
58) Fluorene	15.57	166	43844	1.884	ng/ul#	95
69) Phenanthrene	17.32	178	243074	6.054	ng/ul	96
71) Anthracene	17.40	178	140625	3.355	ng/ul	95
72) Carbazole	17.69	167	38069	1.073	ng/ul#	90
74) Fluoranthene	19.32	202	567227	11.489	ng/ul#	93
77) Pyrene	19.69	202	1978561	33.113	ng/ul#	92
80) Benzo(a)anthracene	21.42	228	1030879	15.766	ng/ul	96
82) Chrysene	21.47	228	824512m	13.949	ng/ul	
85) Benzo(b)fluoranthene	23.06	252	1790642	24.694	ng/ul	97
86) Benzo(k)fluoranthene	23.10	252	450689m	6.506	ng/ul	
88) Benzo(a)pyrene	23.67	252	754323	10.495	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.14	276	473450	5.214	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.15	278	139452	1.783	ng/ul#	88
91) Benzo(g,h,i)perylene	26.89	276	323581	4.325	ng/ul#	93

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



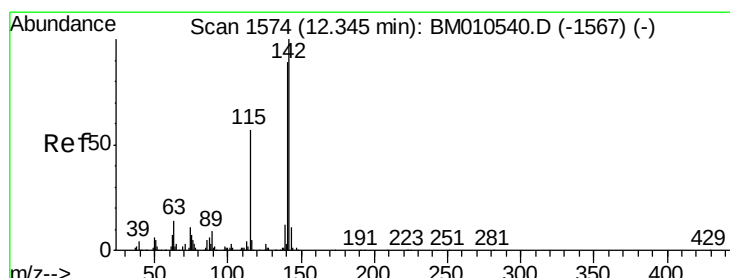
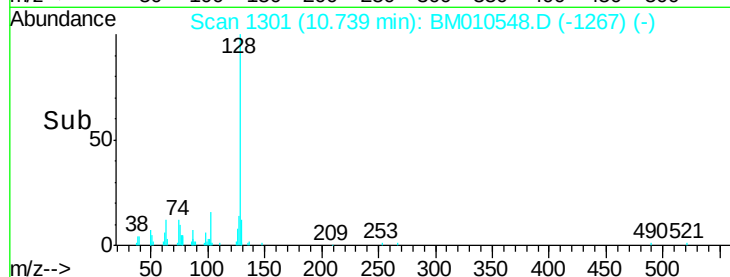
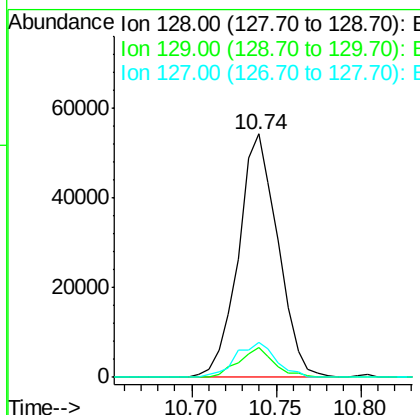
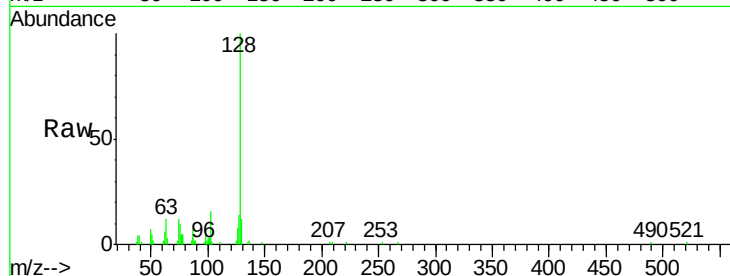
#28
Naphthalene
Concen: 4.194 ng/ul
RT: 10.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :
F5C55DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	88411		
129	12.3	8.8	13.2	
127	14.3	10.6	16.0	

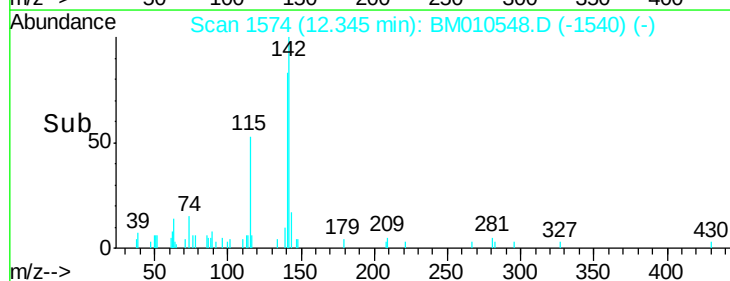
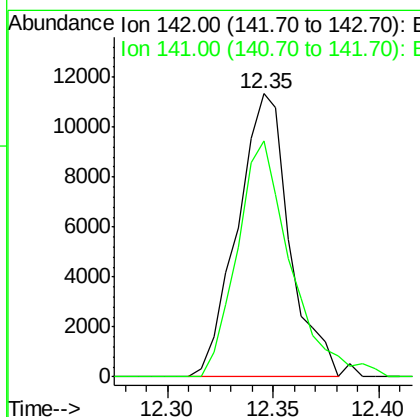
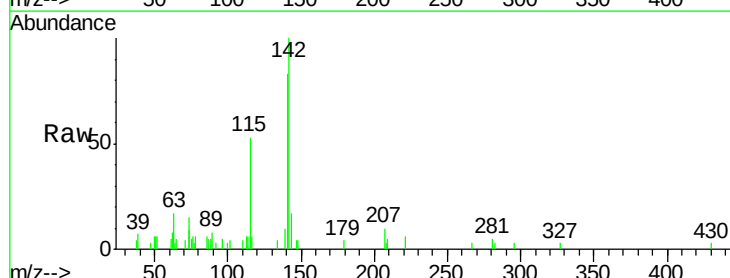
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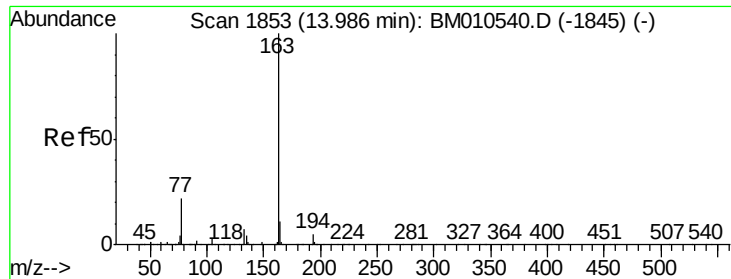
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#34
2-Methylnaphthalene
Concen: 1.215 ng/ul
RT: 12.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	19422		
141	83.4	74.1	111.1	





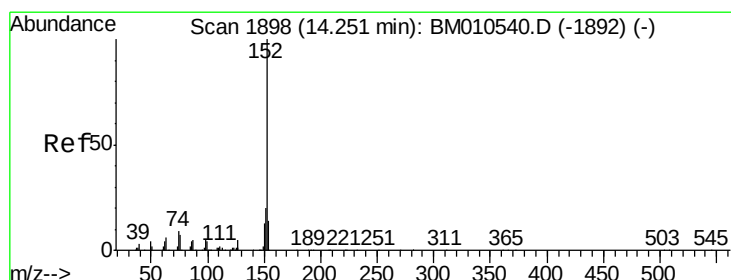
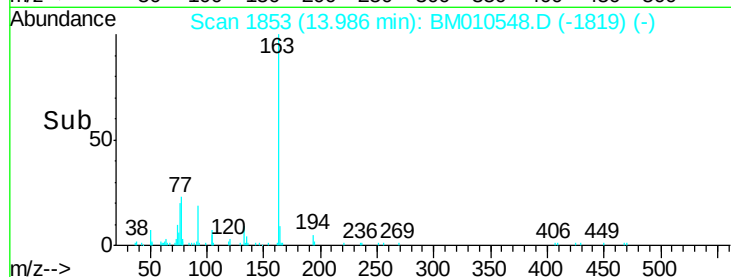
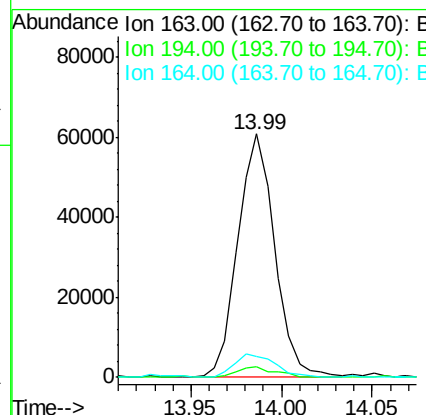
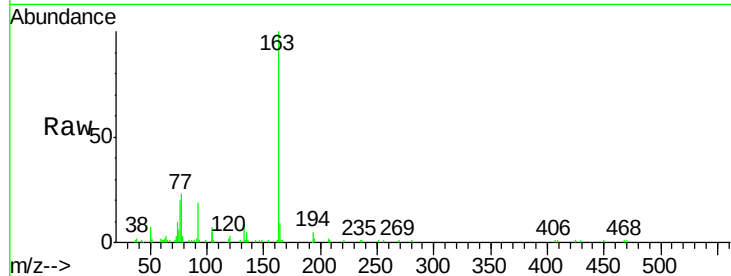
#44
Dimethylphthalate
Concen: 3.653 ng/ul
RT: 13.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :
F5C55DL

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	8.6	8.2	12.4

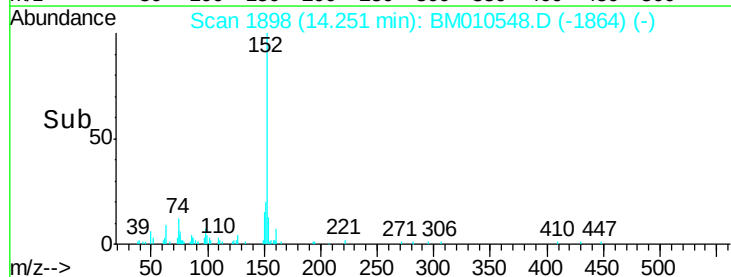
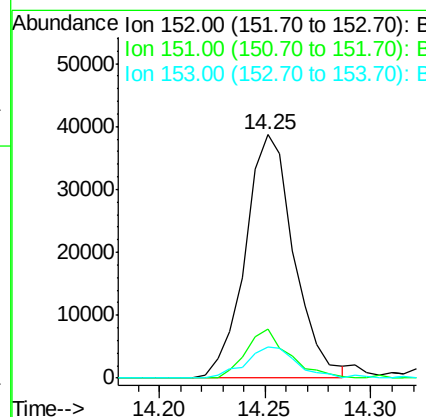
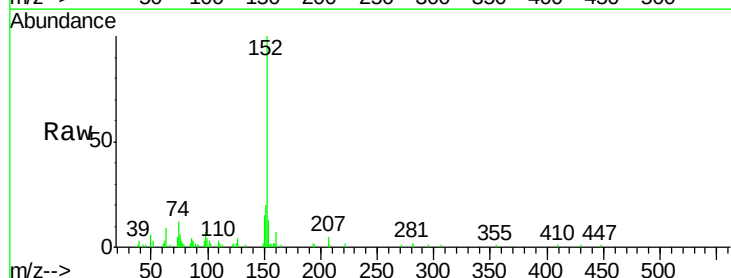
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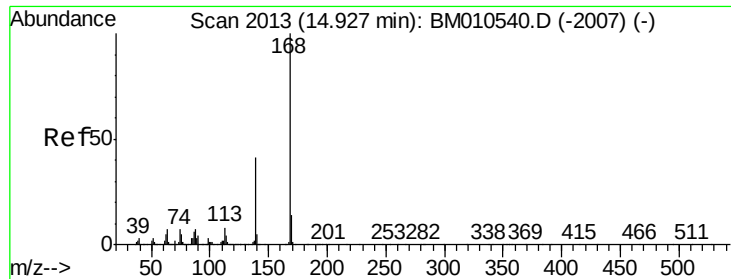
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#47
Acenaphthylene
Concen: 2.263 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	12.8	10.2	15.4





#53

Dibenzenofuran

Concen: 1.441 ng/ul

RT: 14.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BM010548.D

Acq: 12 Jun 2017 22:57

Instrument :

BNA_M

ClientSampleId :

F5C55DL

Tgt Ion:168 Resp: 40892

Ion Ratio Lower Upper

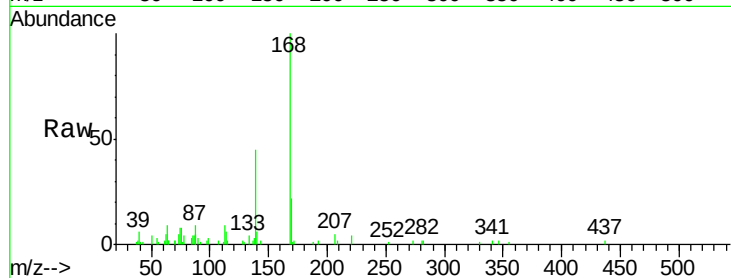
168 100

139 44.8 30.8 46.2

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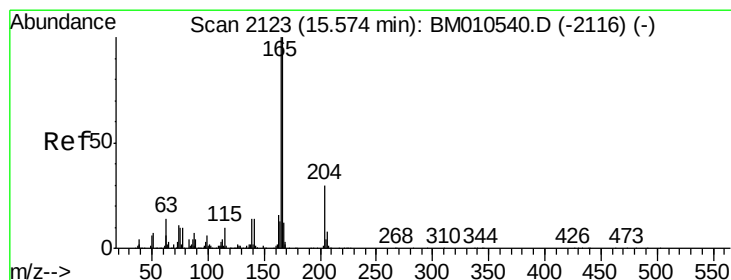
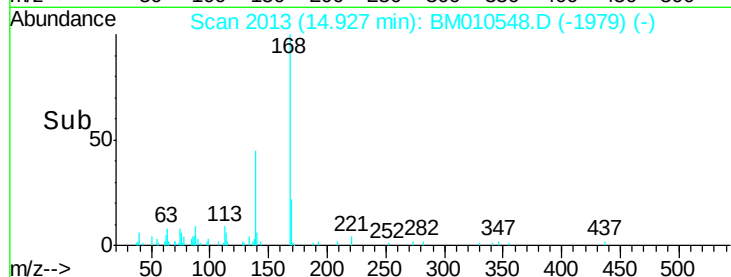
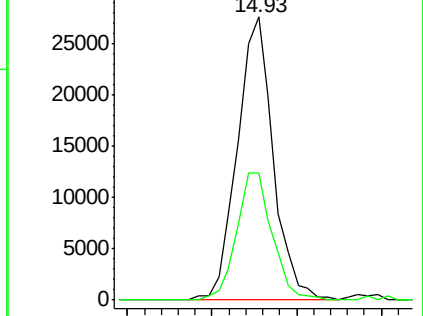
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 1.884 ng/ul

RT: 15.57 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BM010548.D

Acq: 12 Jun 2017 22:57

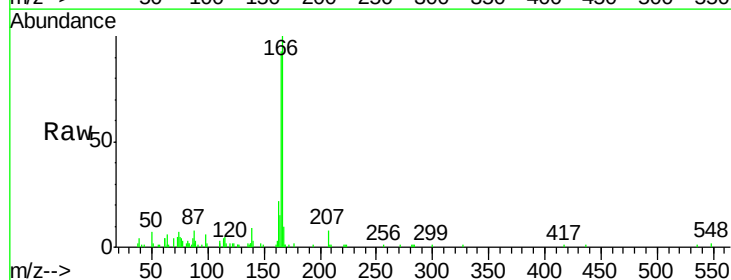
Tgt Ion:166 Resp: 43844

Ion Ratio Lower Upper

166 100

165 92.9 77.9 116.9

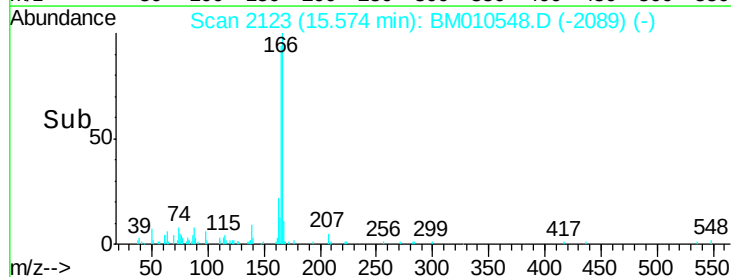
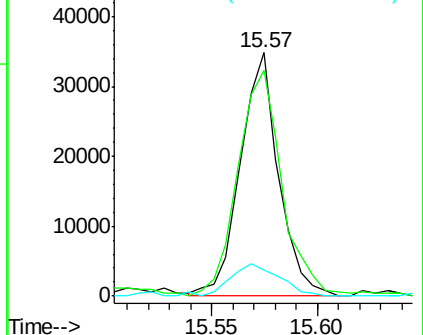
167 10.5 10.6 16.0#

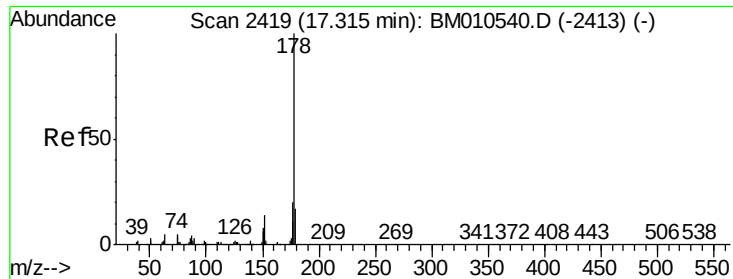


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 6.054 ng/ul

RT: 17.32 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BM010548.D

Acq: 12 Jun 2017 22:57

Instrument :

BNA_M

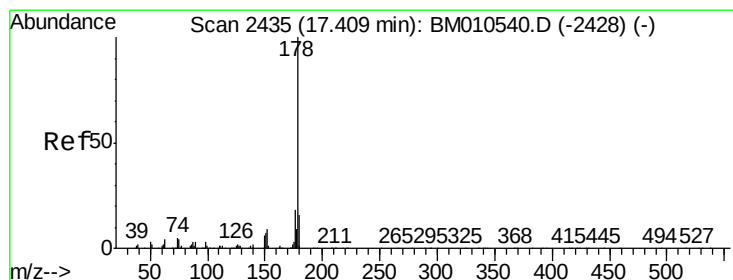
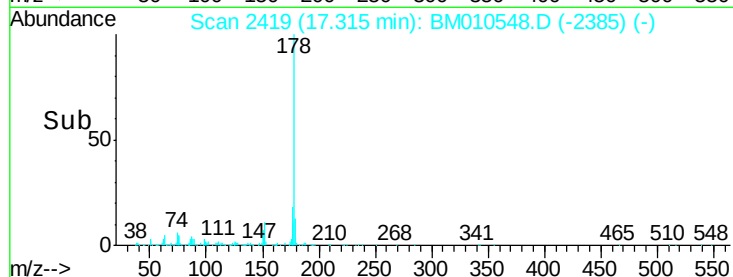
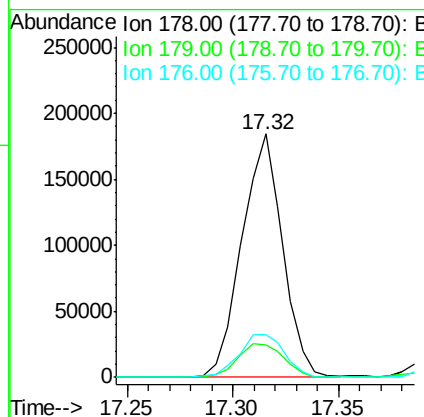
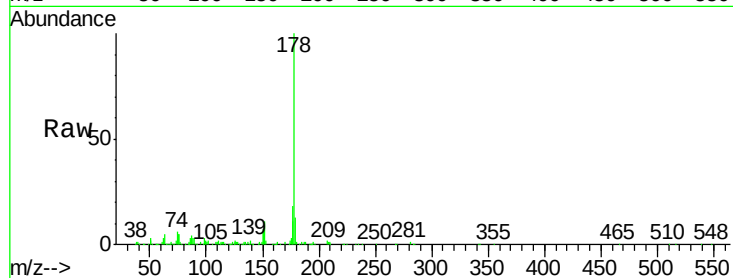
ClientSampleId :

F5C55DL

Tgt Ion:	178	Resp:	243074
Ion Ratio	Lower	Upper	
178	100		
179	13.3	12.6	19.0
176	17.6	14.9	22.3

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#71

Anthracene

Concen: 3.355 ng/ul

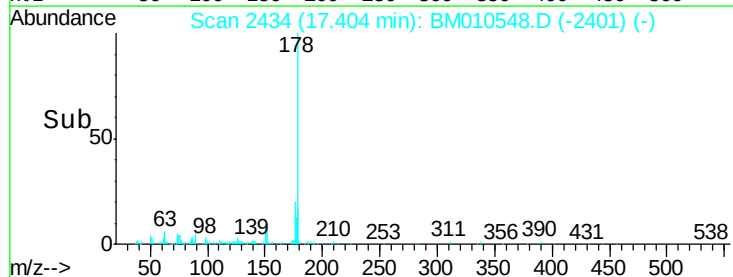
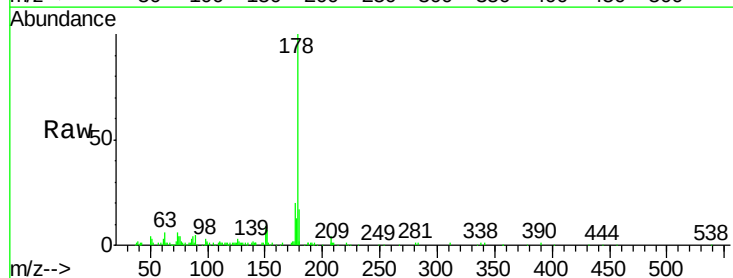
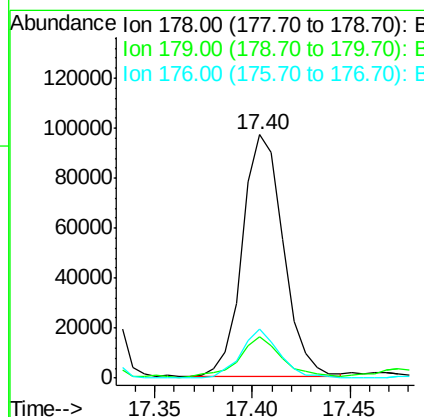
RT: 17.40 min Scan# 2434

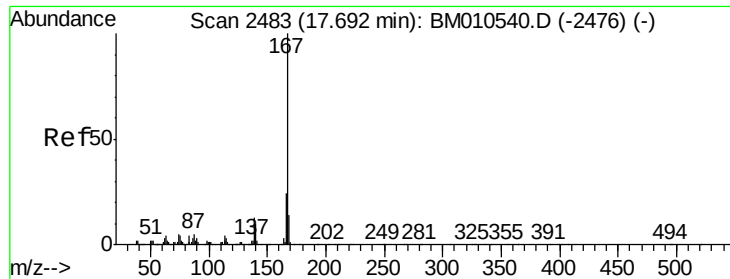
Delta R.T. -0.01 min

Lab File: BM010548.D

Acq: 12 Jun 2017 22:57

Tgt Ion:	178	Resp:	140625
Ion Ratio	Lower	Upper	
178	100		
179	17.2	11.7	17.5
176	20.0	14.6	21.8





#72

Carbazole

Concen: 1.073 ng/ul

RT: 17.69 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BM010548.D

Acq: 12 Jun 2017 22:57

Instrument :

BNA_M

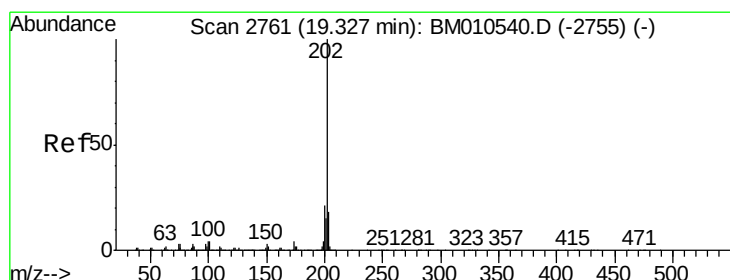
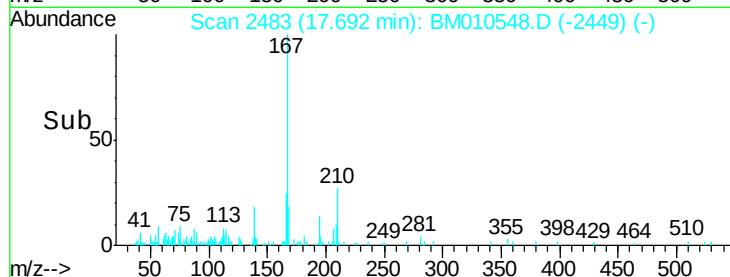
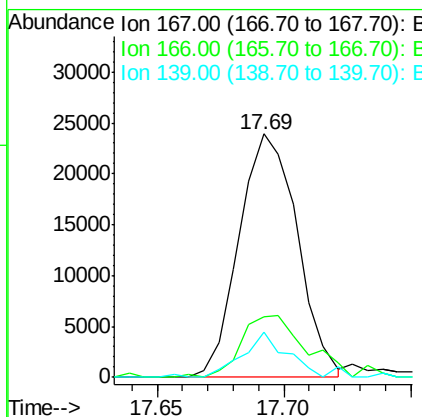
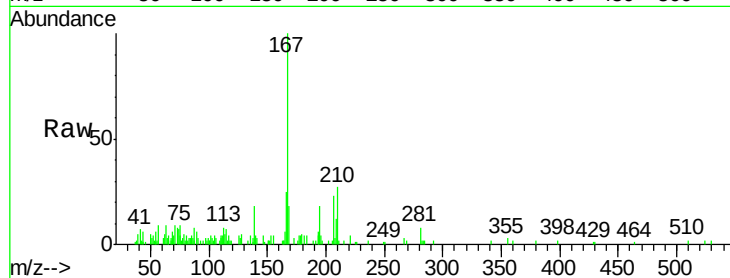
ClientSampleId :

F5C55DL

Tgt Ion:	167	Resp:	38069
Ion Ratio	Lower	Upper	
167	100		
166	24.7	17.1	25.7
139	18.5	10.0	15.0#

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#74

Fluoranthene

Concen: 11.489 ng/ul

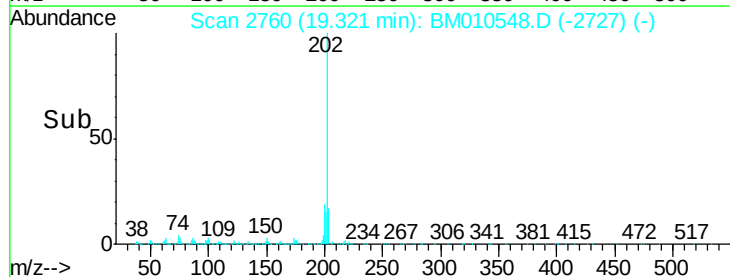
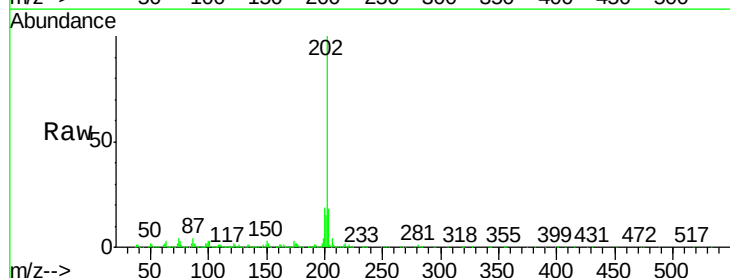
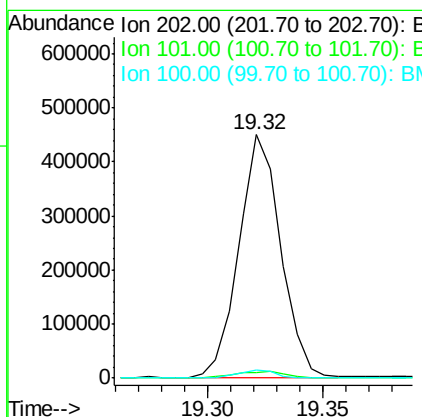
RT: 19.32 min Scan# 2760

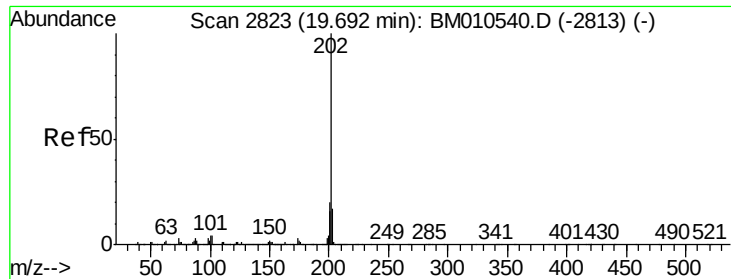
Delta R.T. -0.01 min

Lab File: BM010548.D

Acq: 12 Jun 2017 22:57

Tgt Ion:	202	Resp:	567227
Ion Ratio	Lower	Upper	
202	100		
101	2.5	4.6	7.0#
100	3.2	3.4	5.2#





#77

Pyrene

Concen: 33.113 ng/ul

RT: 19.69 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM010548.D

Acq: 12 Jun 2017 22:57

Instrument :

BNA_M

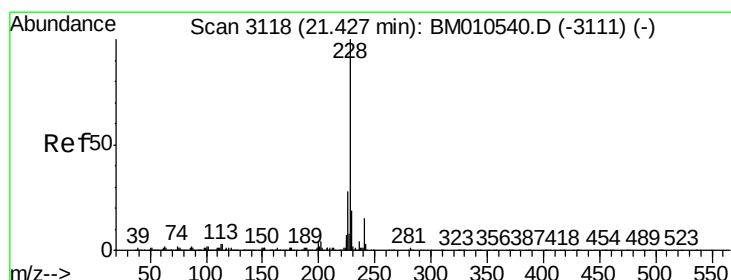
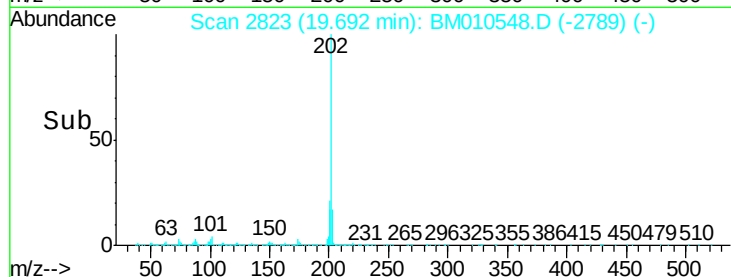
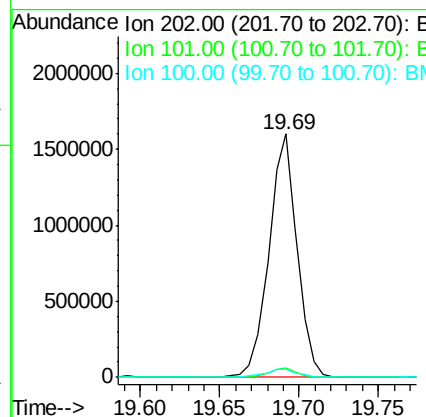
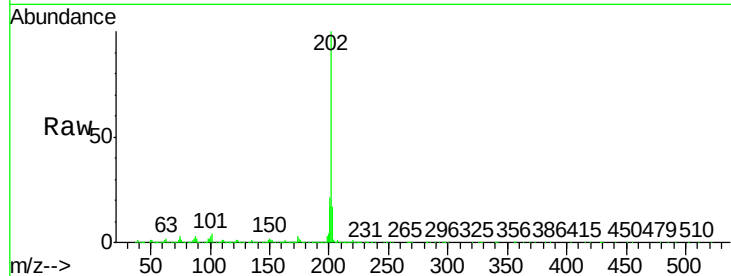
ClientSampleId :

F5C55DL

Tgt Ion:	202	Resp:	1978561
Ion Ratio	Lower	Upper	
202	100		
101	3.9	5.1	7.7#
100	3.4	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 15.766 ng/ul

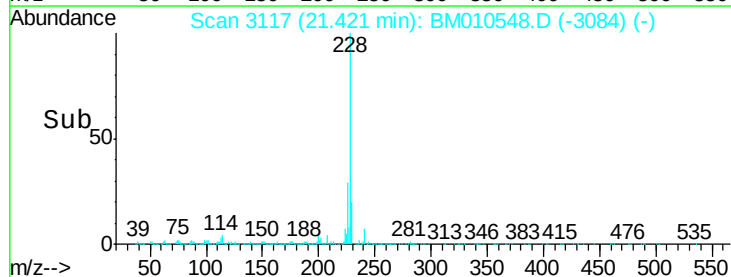
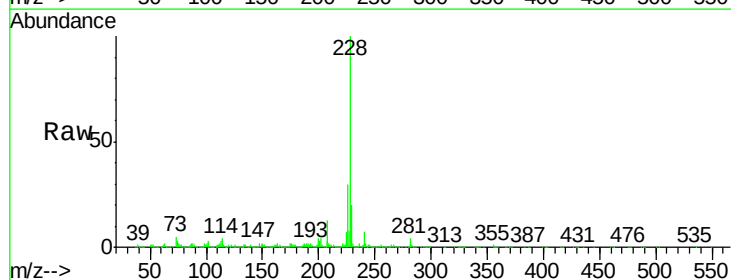
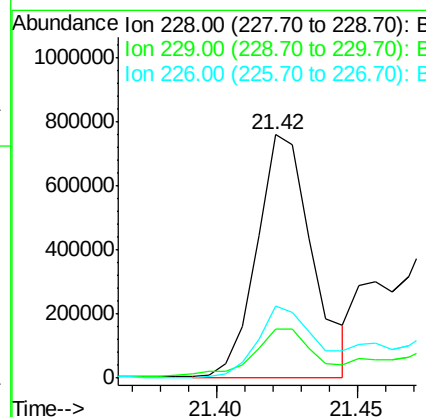
RT: 21.42 min Scan# 3117

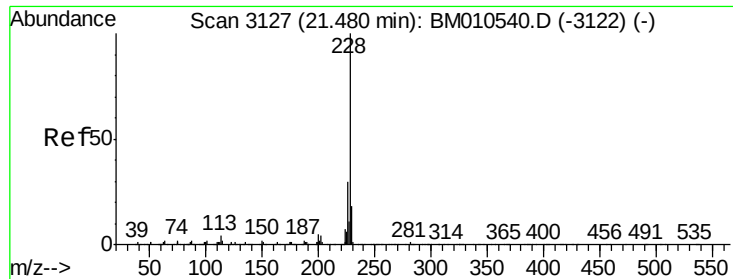
Delta R.T. -0.01 min

Lab File: BM010548.D

Acq: 12 Jun 2017 22:57

Tgt Ion:	228	Resp:	1030879
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.4	23.0
226	29.5	21.4	32.0





#82

Chrysene

Concen: 13.949 ng/ul m

RT: 21.47 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM010548.D

Acq: 12 Jun 2017 22:57

Instrument :

BNA_M

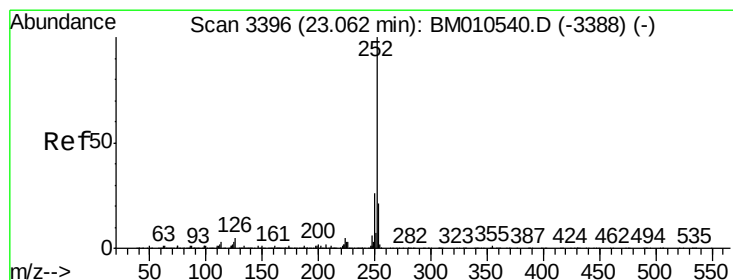
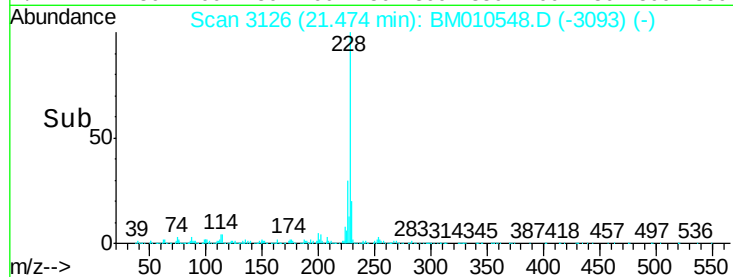
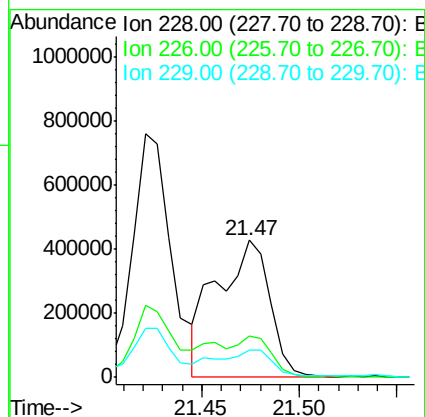
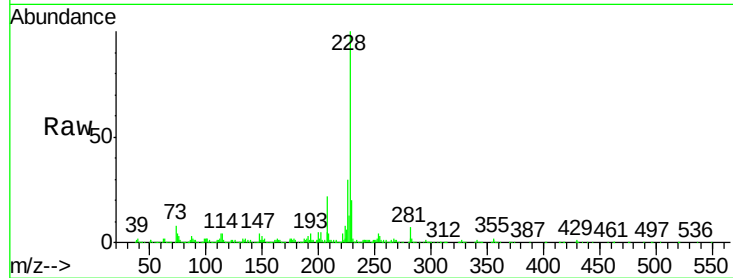
ClientSampled :

F5C55DL

Tgt Ion:	228	Resp:	824512
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.2
229	20.1	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 24.694 ng/ul

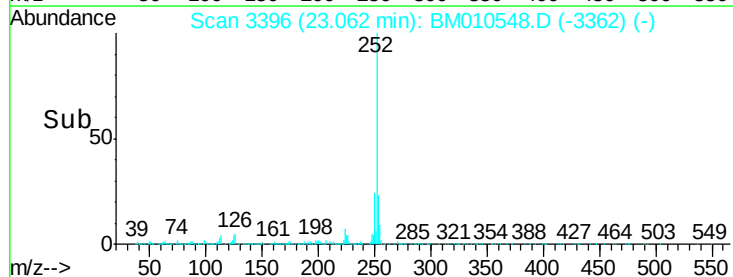
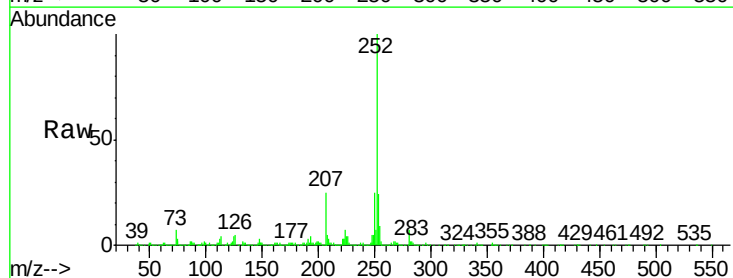
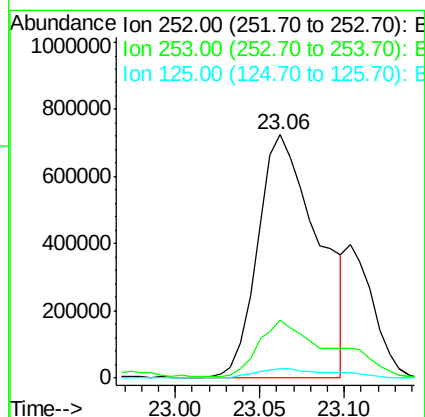
RT: 23.06 min Scan# 3396

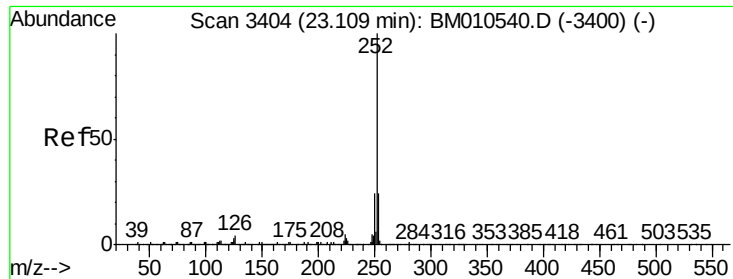
Delta R.T. 0.00 min

Lab File: BM010548.D

Acq: 12 Jun 2017 22:57

Tgt Ion:	252	Resp:	1790642
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.9	26.9
125	3.8	3.6	5.4





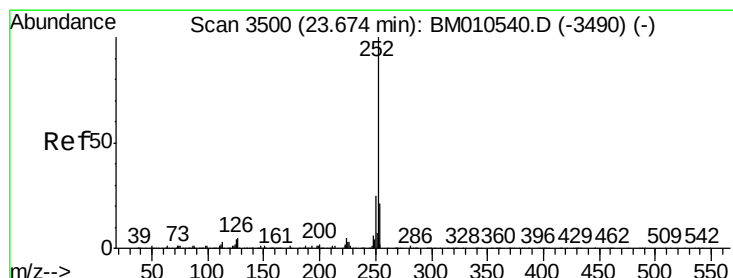
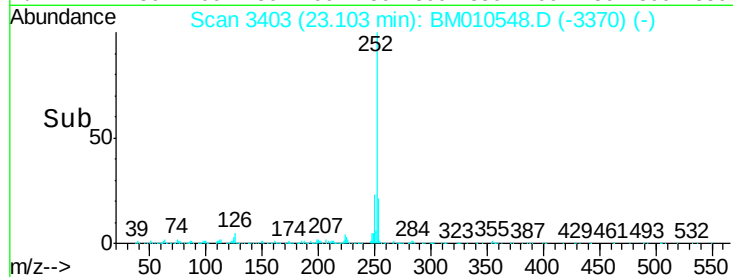
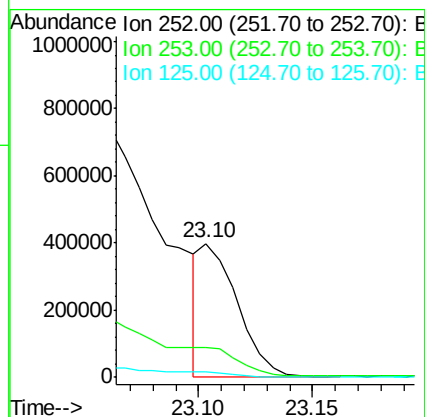
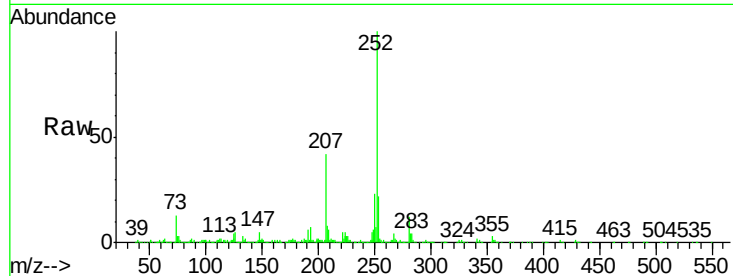
#86
Benzo(k)fluoranthene
Concen: 6.506 ng/ul m
RT: 23.10 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :
F5C55DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	450689		
253	21.9	17.1	25.7	
125	3.7	3.4	5.2	

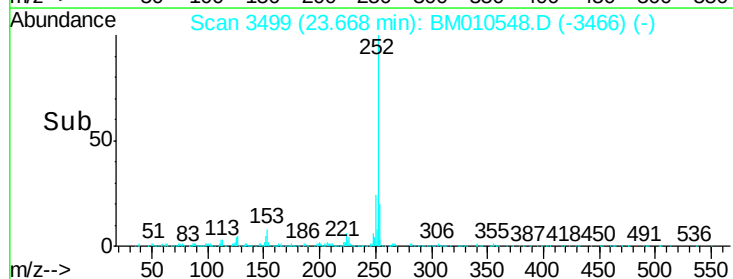
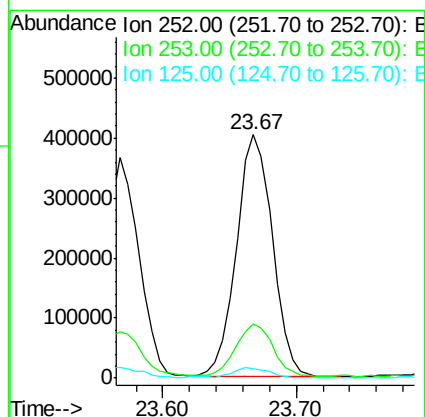
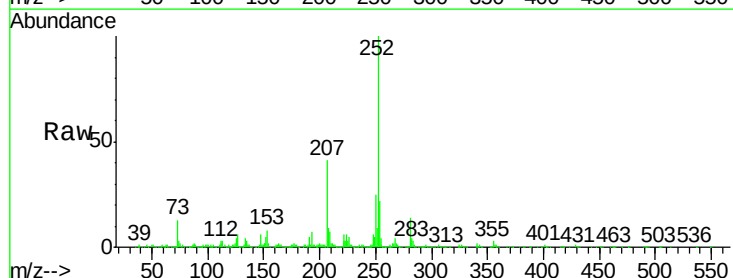
Manual Integrations
APPROVED

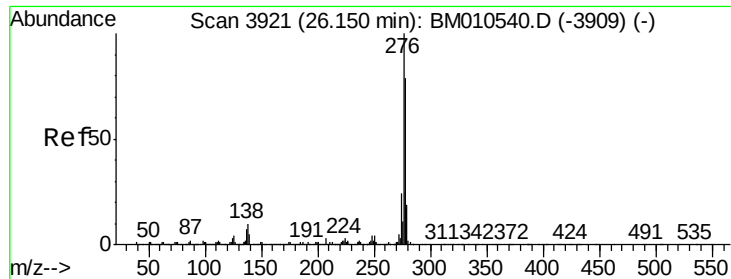
mohammad
6/13/2017 3:54:38 PM



#88
Benzo(a)pyrene
Concen: 10.495 ng/ul
RT: 23.67 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	754323		
253	22.5	18.2	27.2	
125	4.1	4.0	6.0	





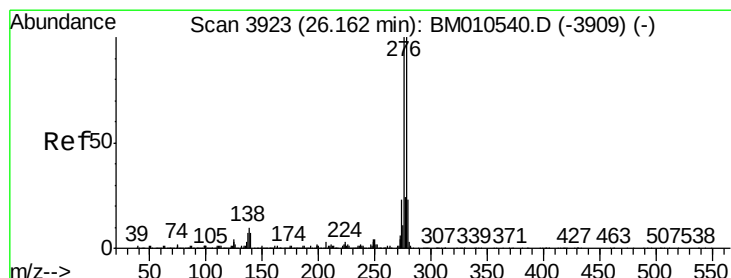
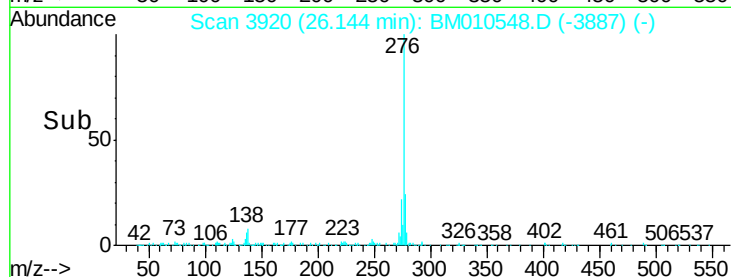
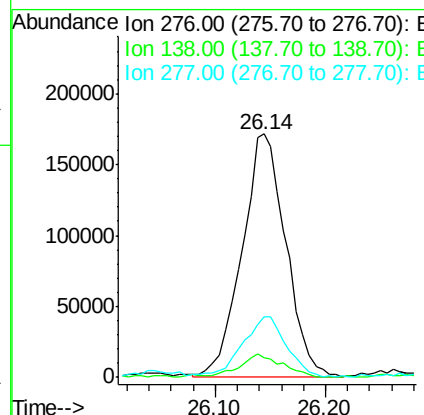
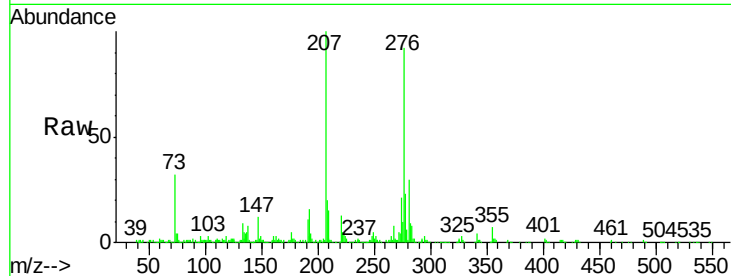
#89
Indeno(1,2,3-cd)pyrene
Concen: 5.214 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :
F5C55DL

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	8.3	9.3	13.9#
277	24.9	19.9	29.9

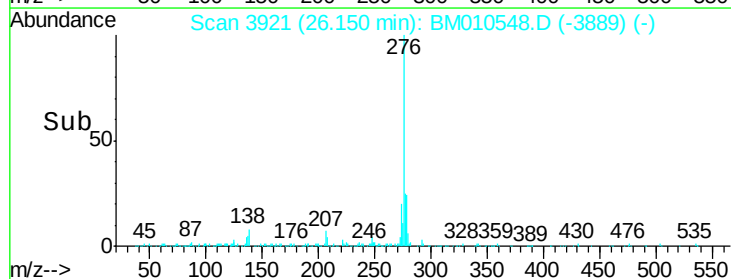
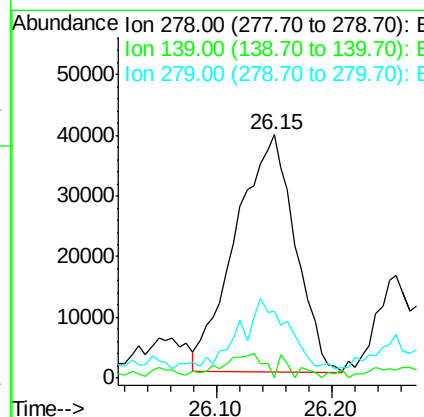
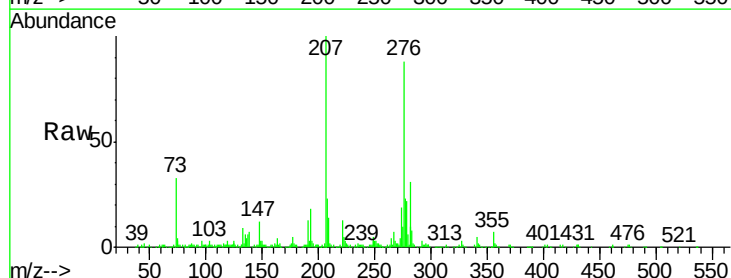
Manual Integrations
APPROVED

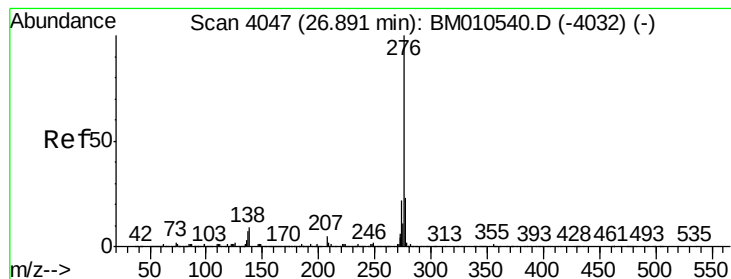
mohammad
6/13/2017 3:54:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 1.783 ng/ul
RT: 26.15 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	27.4	18.6	27.8





#91

Benzo(g,h,i)perylene

Concen: 4.325 ng/ul

RT: 26.89 min Scan# 4047

Delta R.T. 0.00 min

Lab File: BM010548.D

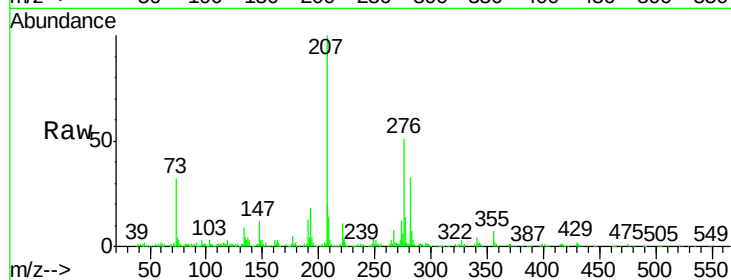
Acq: 12 Jun 2017 22:57

Instrument :

BNA_M

ClientSampleId :

F5C55DL



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
138	10.3	8.5	12.7		
277	28.0	18.6	28.0		

Manual Integrations
APPROVED

mohammad
6/13/2017 3:54:38 PM

