

Data File : BM010717.D
Acq On : 24 Jun 2017 07:26
Operator : SJ/JU
Sample : I3627-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B42

Manual Integrations
APPROVED

mohammad
6/28/2017 7:47:08 AM

Quant Time: Jun 26 02:20:32 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	98816	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	461548	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	312819	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	735876	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	747412	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	545258	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	6165	3.57	ng/uL	0.00
5) Phenol-d5	6.65	99	196559	20.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	109936	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	154216	23.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	163394	20.94	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	85298	25.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	102898	27.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	197775	24.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	216904	25.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	697369	25.40	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	803921	25.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	86622	17.92	ng/ul	0.00
57) Fluorene-d10	15.11	176	589637	24.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	105003	23.23	ng/ul	0.00
70) Anthracene-d10	16.96	188	921640m	25.93	ng/ul	0.00
76) Pyrene-d10	19.27	212	1025303	29.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	662954	25.16	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	6.67	94	17761	1.83	ng/ul#	83
44) Dimethylphthalate	13.58	163	297832	11.06	ng/ul	100
47) Acenaphthylene	13.83	152	88473	2.91	ng/ul#	96
69) Phenanthrene	16.90	178	56313	1.44	ng/ul	98
71) Anthracene	17.00	178	94605	2.35	ng/ul	98
74) Fluoranthene	18.94	202	461849	9.16	ng/ul#	99
77) Pyrene	19.30	202	1061895	24.60	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	494841m	11.37	ng/ul	
82) Chrysene	21.12	228	732348m	18.87	ng/ul	
85) Benzo(b)fluoranthene	22.60	252	1636698	46.24	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	497387	14.82	ng/ul	96
88) Benzo(a)pyrene	23.14	252	875527	26.87	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.34	276	527641	15.61	ng/ul	99
90) Dibenzo(a,h)anthracene	25.34	278	141791	5.03	ng/ul#	86
91) Benzo(g,h,i)perylene	25.99	276	387900	14.42	ng/ul	97

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

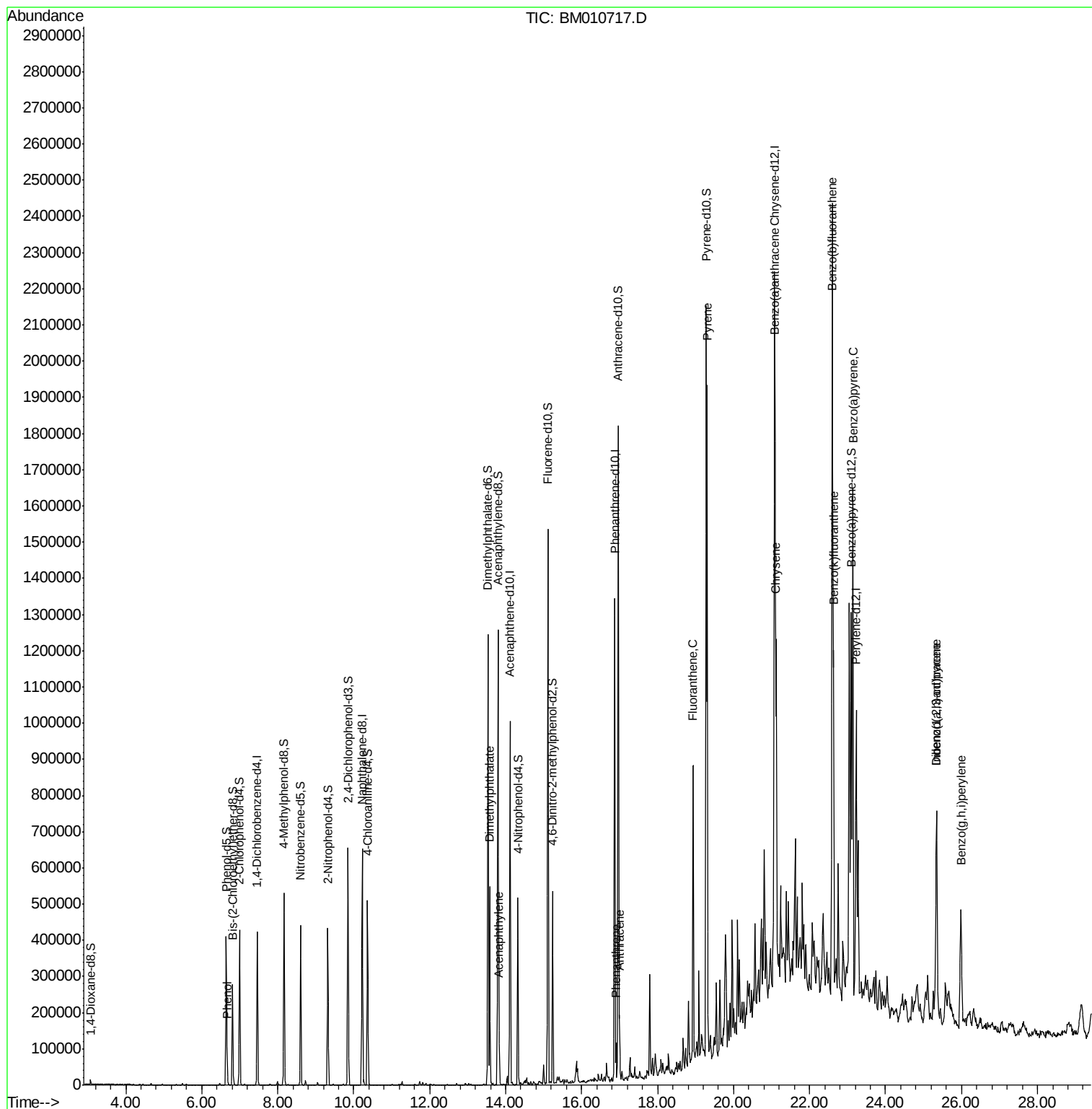
Data File : BM010717.D
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ALS Vial : 33 Sample Multiplier: 1

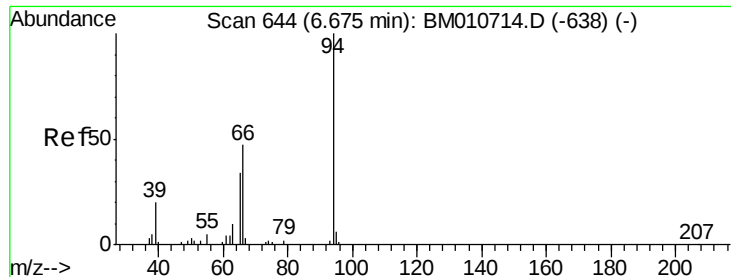
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
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#6

Phenol

Concen: 1.83 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM010717.D

Acq: 24 Jun 2017 07:26

Instrument :

BNA_M

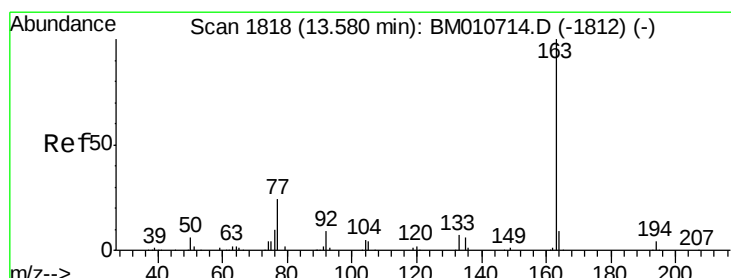
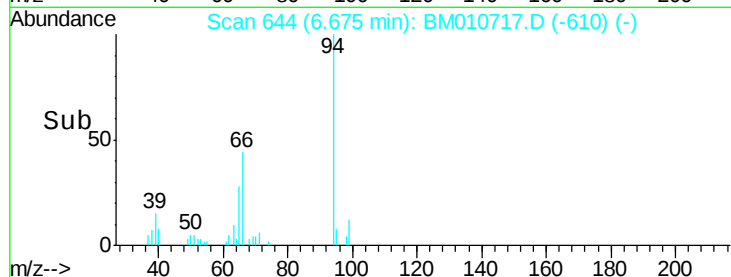
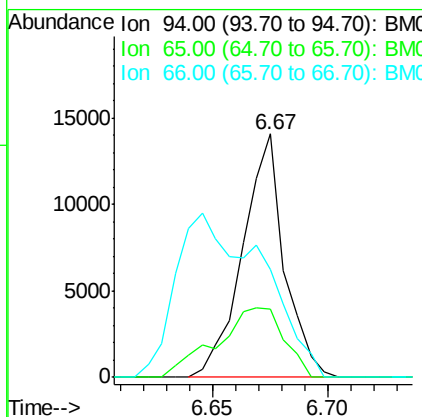
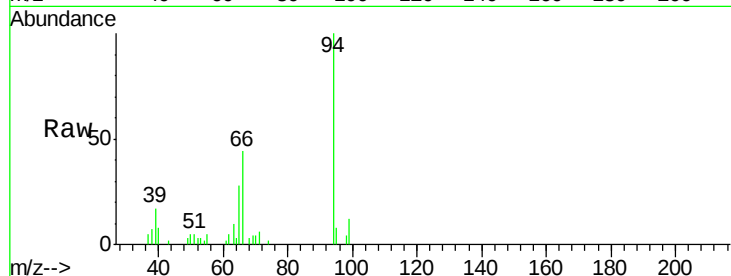
ClientSampleId :

F5B42

Tgt Ion:	94	Resp:	17761
Ion	Ratio	Lower	Upper
94	100		
65	28.0	28.2	42.4#
66	44.2	47.2	70.8#

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#44

Dimethylphthalate

Concen: 11.06 ng/ul

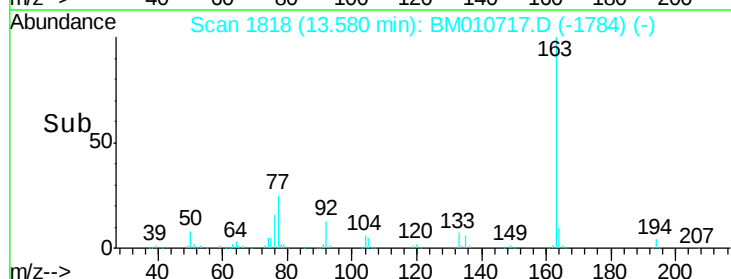
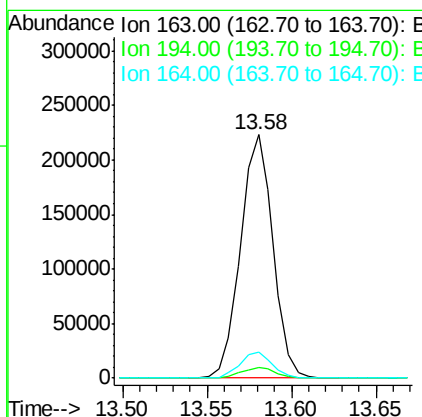
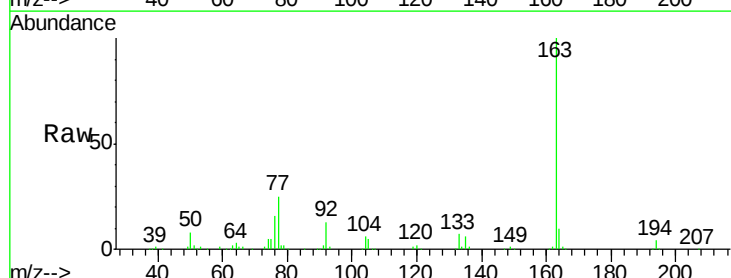
RT: 13.58 min Scan# 1818

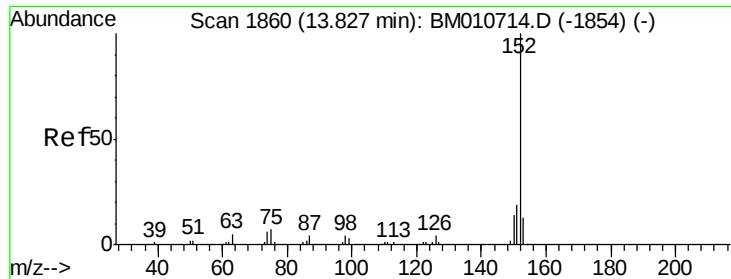
Delta R.T. 0.00 min

Lab File: BM010717.D

Acq: 24 Jun 2017 07:26

Tgt Ion:	163	Resp:	297832
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.5	8.2	12.4





#47

Acenaphthylene

Concen: 2.91 ng/ul

RT: 13.83 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM010717.D

Acq: 24 Jun 2017 07:26

Instrument :

BNA_M

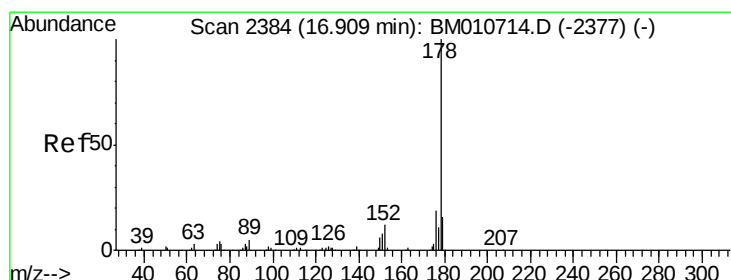
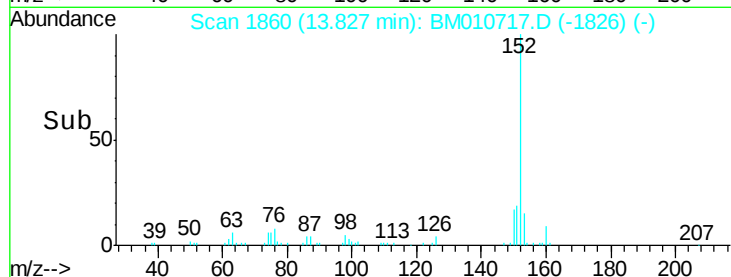
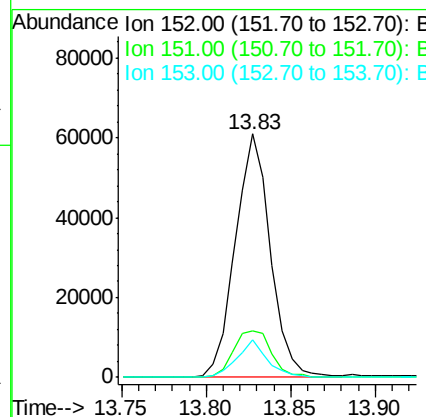
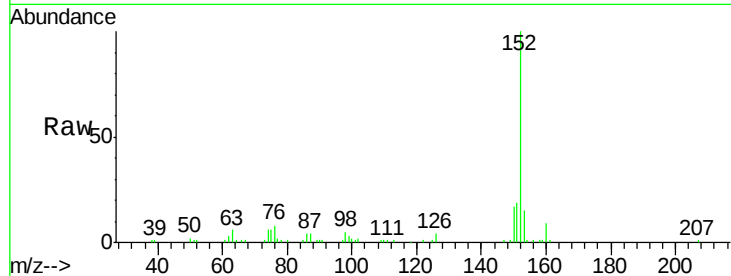
ClientSampleId :

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Tgt Ion:	152	Resp:	88473
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.3	24.5
153	15.5	10.2	15.4#

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#69

Phenanthrene

Concen: 1.44 ng/ul

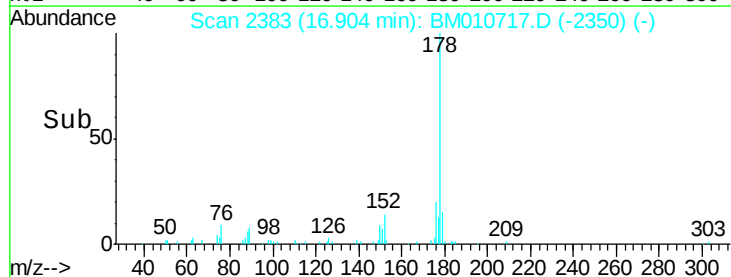
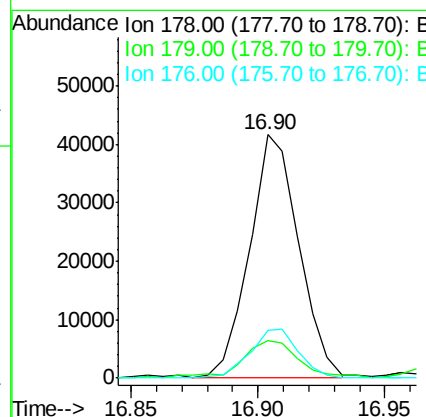
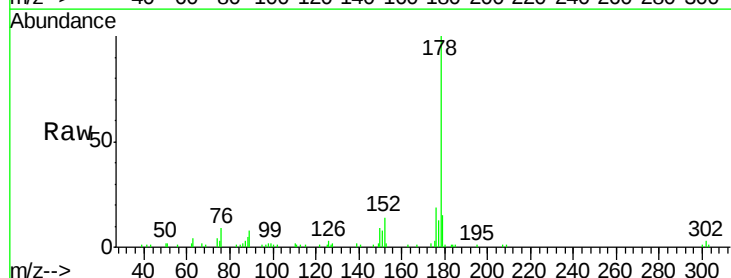
RT: 16.90 min Scan# 2383

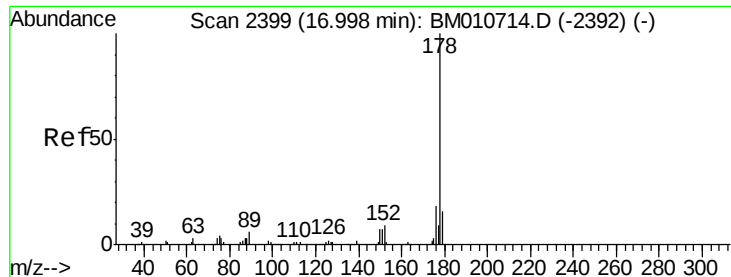
Delta R.T. -0.01 min

Lab File: BM010717.D

Acq: 24 Jun 2017 07:26

Tgt Ion:	178	Resp:	56313
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.6	19.0
176	19.4	14.9	22.3





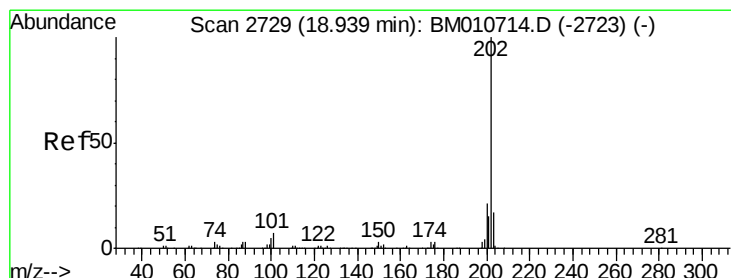
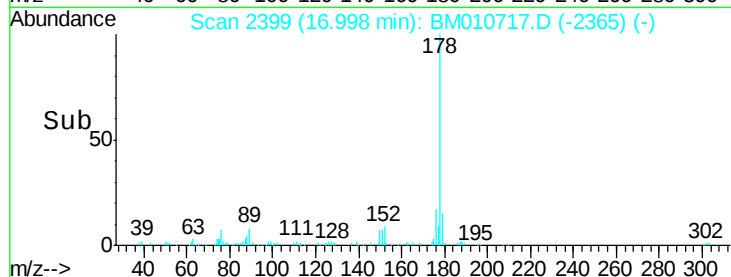
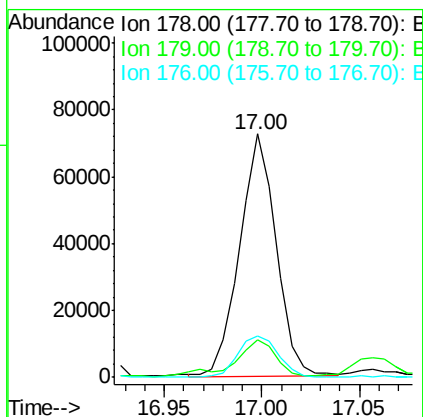
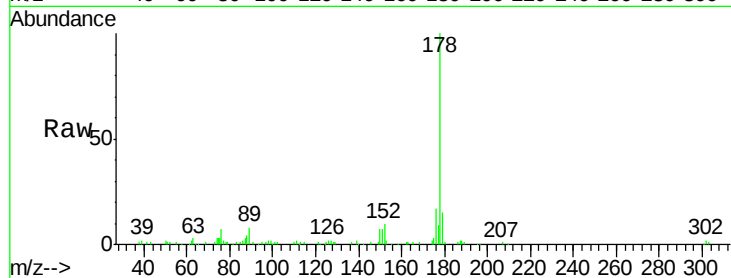
#71
 Anthracene
 Concen: 2.35 ng/ul
 RT: 17.00 min Scan# 2399
 Delta R.T. 0.00 min
 Lab File: BM010717.D
 Acq: 24 Jun 2017 07:26

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	16.9	14.6	21.8

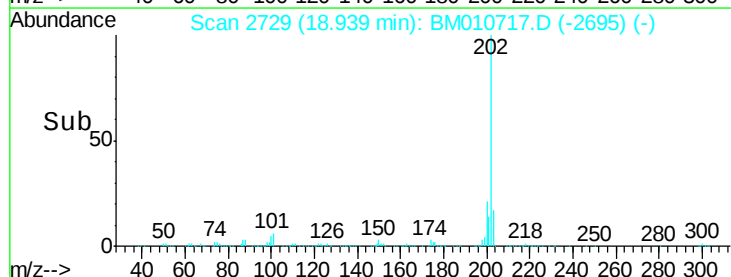
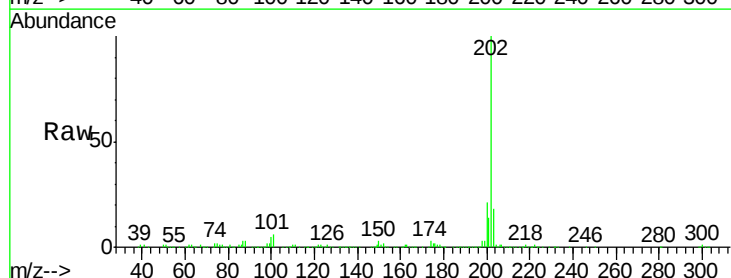
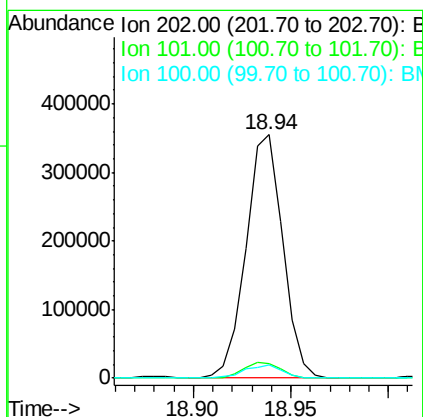
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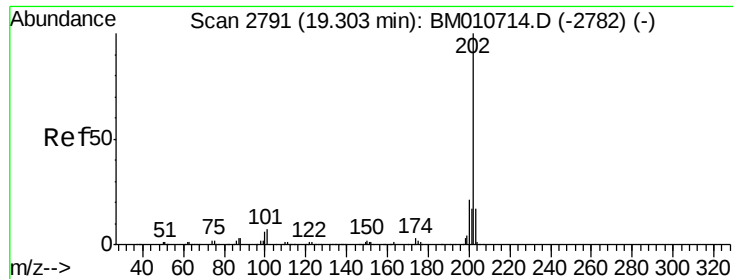
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#74
 Fluoranthene
 Concen: 9.16 ng/ul
 RT: 18.94 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM010717.D
 Acq: 24 Jun 2017 07:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.0	4.6	7.0
100	5.2	3.4	5.2#





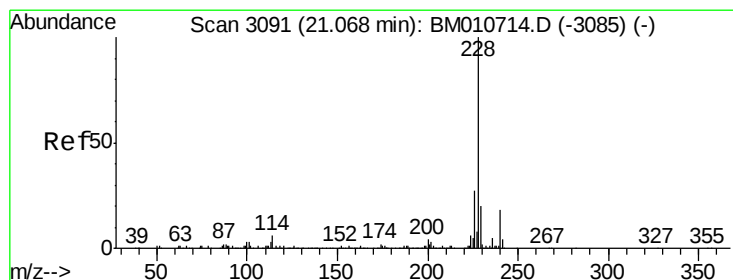
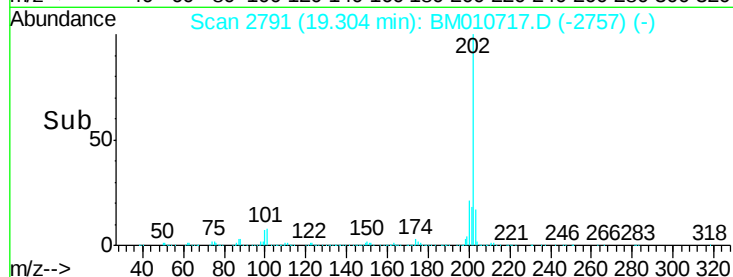
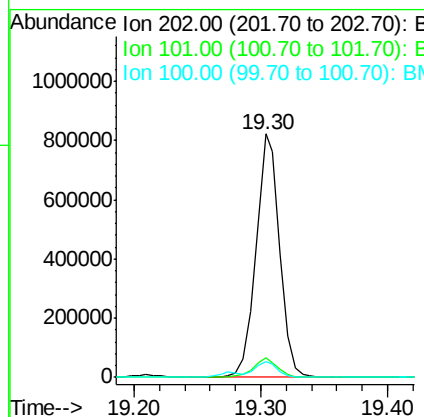
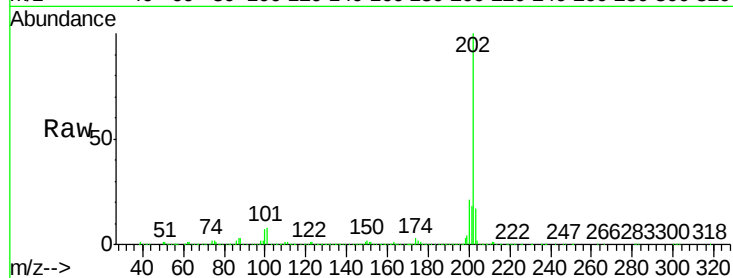
#77
 Pyrene
 Concen: 24.60 ng/ul
 RT: 19.30 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM010717.D
 Acq: 24 Jun 2017 07:26

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1061895		
101	8.1	5.1	7.7#	
100	6.6	4.9	7.3	

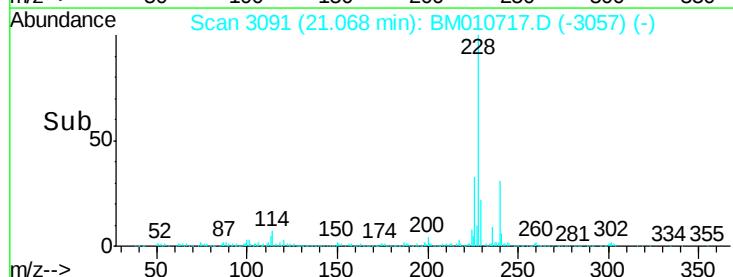
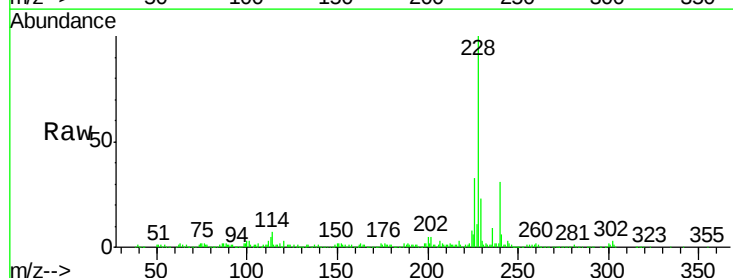
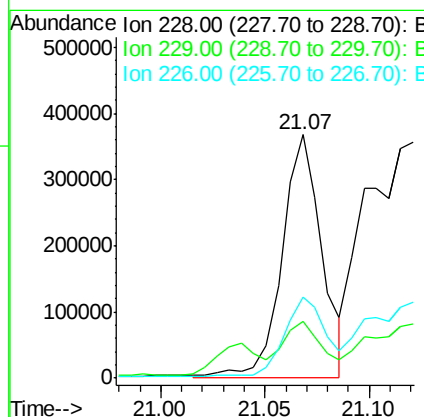
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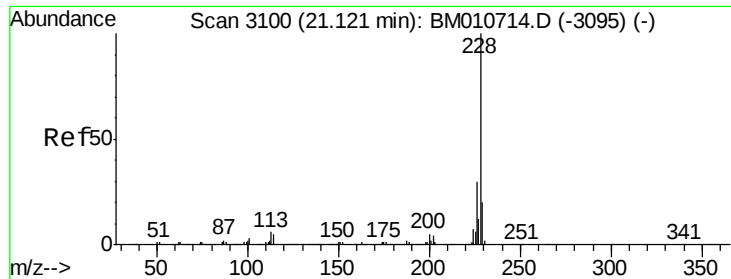
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#80
 Benzo(a)anthracene
 Concen: 11.37 ng/ul m
 RT: 21.07 min Scan# 3091
 Delta R.T. 0.00 min
 Lab File: BM010717.D
 Acq: 24 Jun 2017 07:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	494841		
229	23.5	15.4	23.0#	
226	33.1	21.4	32.0#	





#82

Chrysene

Concen: 18.87 ng/ul m

RT: 21.12 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM010717.D

Acq: 24 Jun 2017 07:26

Instrument :

BNA_M

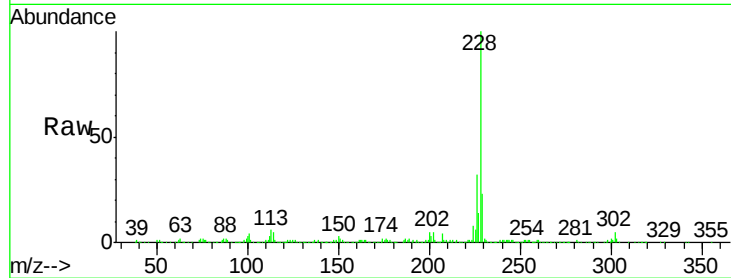
ClientSampleId :

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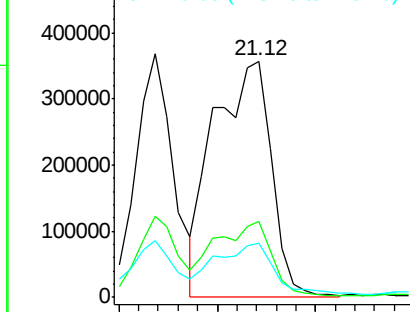
Tgt Ion:	228	Resp:	732348
Ion Ratio	Lower	Upper	
228	100		
226	32.3	23.4	35.2
229	22.8	15.5	23.3

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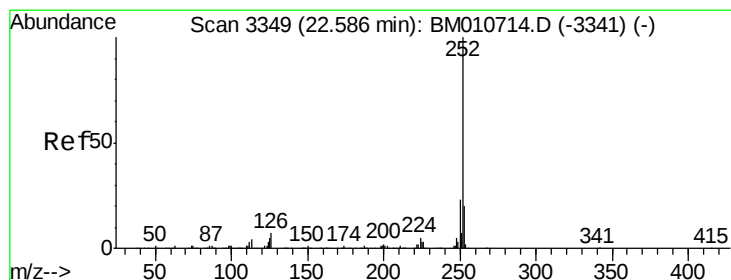
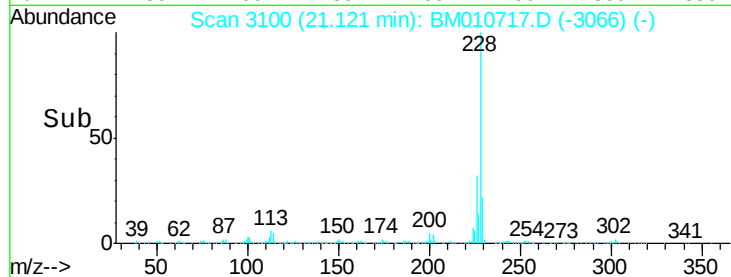
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 21.05 21.10 21.15



#85

Benzo(b)fluoranthene

Concen: 46.24 ng/ul

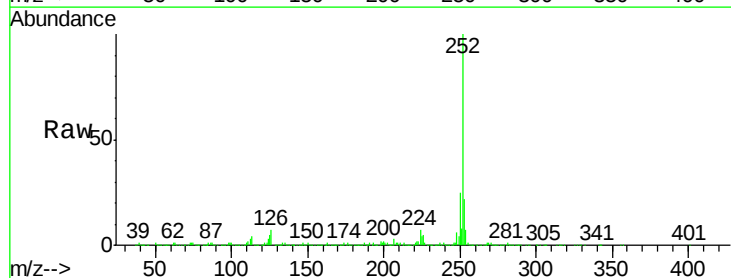
RT: 22.60 min Scan# 3351

Delta R.T. 0.01 min

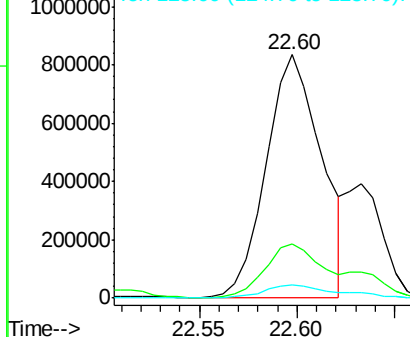
Lab File: BM010717.D

Acq: 24 Jun 2017 07:26

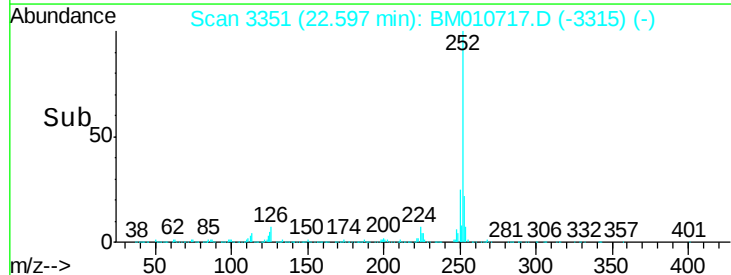
Tgt Ion:	252	Resp:	1636698
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	5.3	3.6	5.4

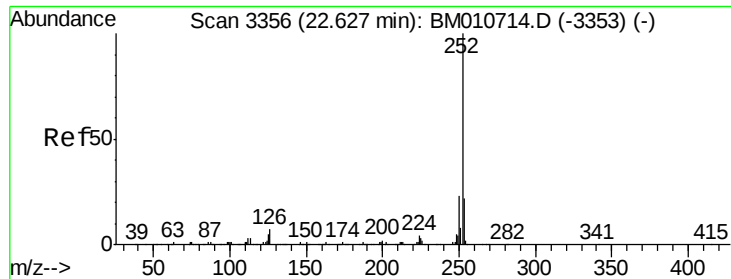


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 22.55 22.60





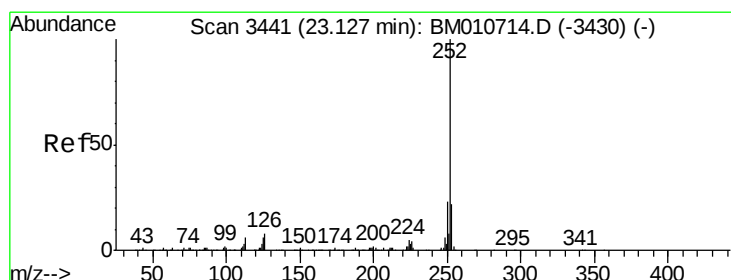
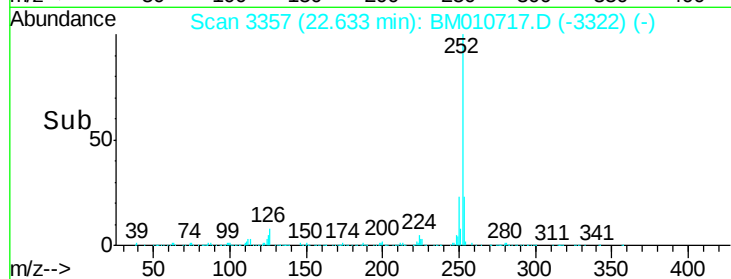
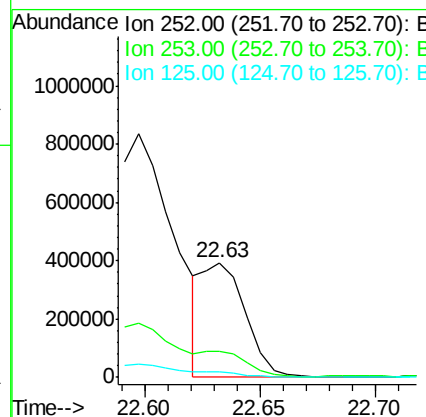
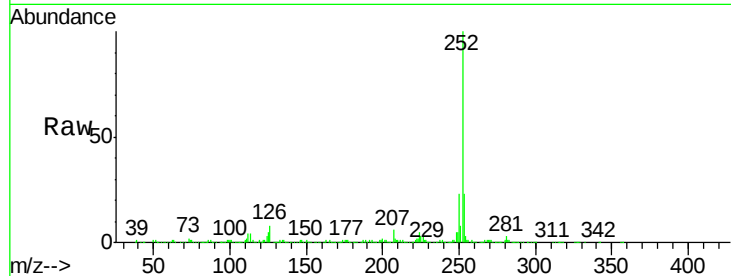
#86
Benzo(k)fluoranthene
Concen: 14.82 ng/ul
RT: 22.63 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM010717.D
Acq: 24 Jun 2017 07:26

Instrument :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	5.1	3.4	5.2

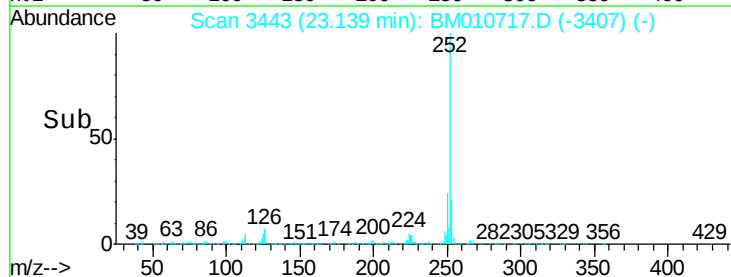
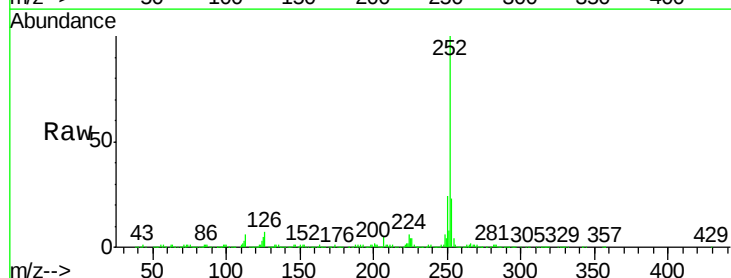
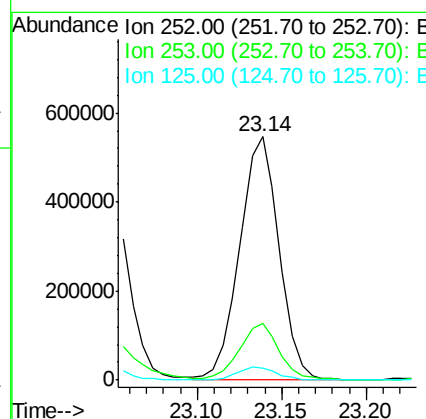
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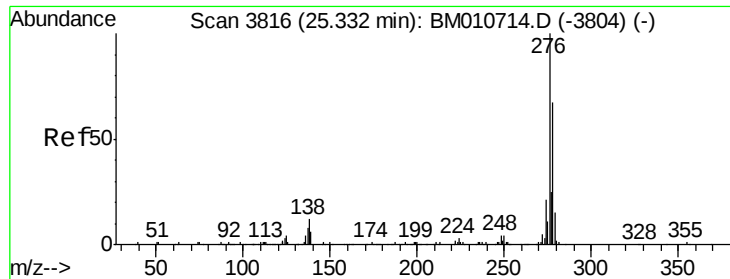
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#88
Benzo(a)pyrene
Concen: 26.87 ng/ul
RT: 23.14 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM010717.D
Acq: 24 Jun 2017 07:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	5.1	4.0	6.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 15.61 ng/ul

RT: 25.34 min Scan# 3818

Delta R.T. 0.01 min

Lab File: BM010717.D

Acq: 24 Jun 2017 07:26

Instrument :

BNA_M

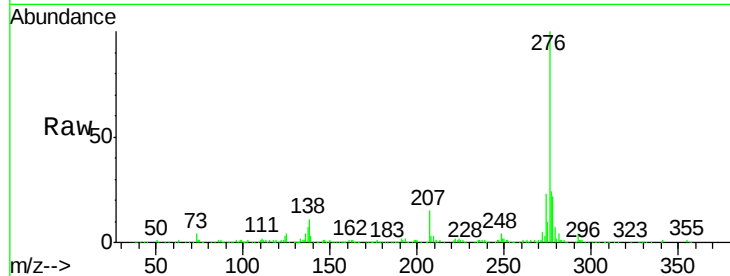
ClientSampleId :

F5B42

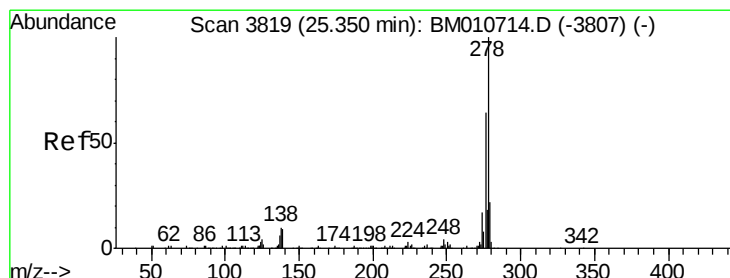
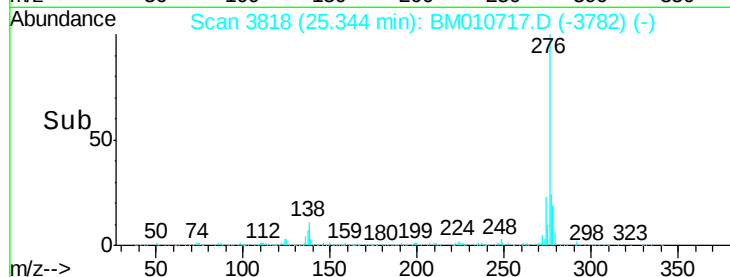
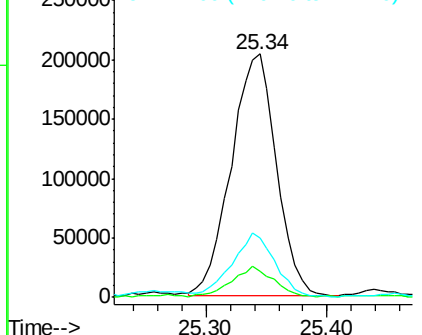
Tgt Ion:	276	Resp:	527641
Ion Ratio	Lower	Upper	
276	100		
138	10.8	9.3	13.9
277	24.4	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/28/2017 7:47:08 AM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#90

Dibenzo(a,h)anthracene

Concen: 5.03 ng/ul

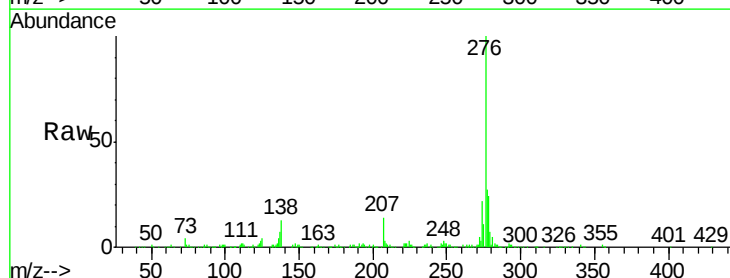
RT: 25.34 min Scan# 3817

Delta R.T. -0.01 min

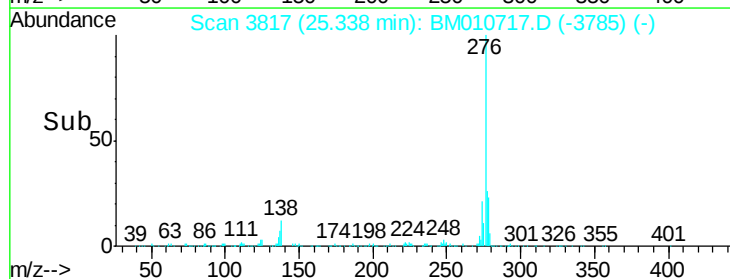
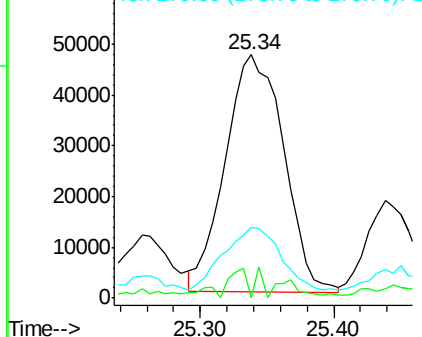
Lab File: BM010717.D

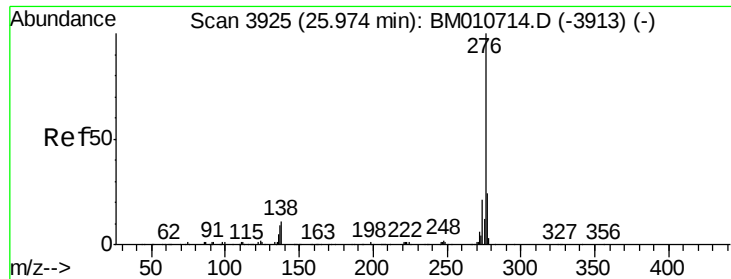
Acq: 24 Jun 2017 07:26

Tgt Ion:	278	Resp:	141791
Ion Ratio	Lower	Upper	
278	100		
139	0.0	5.8	8.8#
279	28.9	18.6	27.8#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





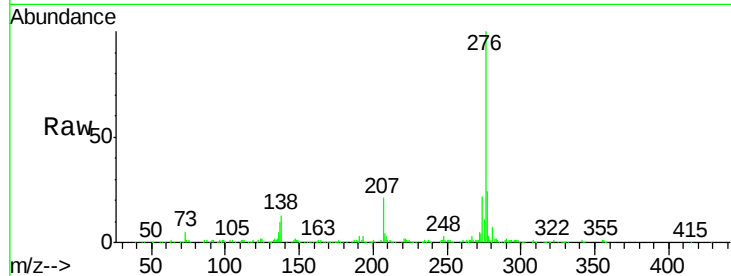
#91
 Benzo(g,h,i)perylene
 Concen: 14.42 ng/ul
 RT: 25.99 min Scan# 3927
 Delta R.T. 0.01 min
 Lab File: BM010717.D
 Acq: 24 Jun 2017 07:26

Instrument :
 BNA_M
 ClientSampleId :
 F5B42

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.6	8.5	12.7
277	24.1	18.6	28.0

Manual Integrations
 APPROVED

mohammad
 6/28/2017 7:47:08 AM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

