

Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5A93DL

Manual Integrations
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6/28/2017 7:41:58 AM

Quant Time: Jun 26 07:56:08 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	61422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	279945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	191057	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	478875	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	567049	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	444158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	1823	1.70	ng/uL	0.00
5) Phenol-d5	6.65	99	52969	9.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	32026	9.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	41183	10.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	40423	8.33	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	21668	10.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	24699	10.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	50931	10.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	39503	7.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	194508	11.60	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	218942	11.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	19312	6.54	ng/ul	0.00
57) Fluorene-d10	15.11	176	166869	11.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	24847	8.45	ng/ul	0.00
70) Anthracene-d10	16.96	188	265211m	11.47	ng/ul	0.00
76) Pyrene-d10	19.27	212	329163	12.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	248590	11.58	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.62	77	10665	3.10	ng/ul	89
44) Dimethylphthalate	13.57	163	91939	5.59	ng/ul	97
47) Acenaphthylene	13.82	152	18684	1.01	ng/ul	95
69) Phenanthrene	16.90	178	172096	6.76	ng/ul	98
71) Anthracene	17.00	178	838571	31.97	ng/ul	98
72) Carbazole	17.27	167	259686	11.35	ng/ul	98
74) Fluoranthene	18.94	202	1440942	43.92	ng/ul#	98
77) Pyrene	19.30	202	1204031	36.76	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	491666	14.89	ng/ul	97
82) Chrysene	21.12	228	700068	23.78	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	634683	22.01	ng/ul#	98
86) Benzo(k)fluoranthene	22.63	252	197692m	7.23	ng/ul	
88) Benzo(a)pyrene	23.13	252	266798	10.05	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	146410	5.32	ng/ul	95
90) Dibenzo(a,h)anthracene	25.33	278	39370	1.72	ng/ul#	87
91) Benzo(g,h,i)perylene	25.97	276	102590	4.68	ng/ul#	95

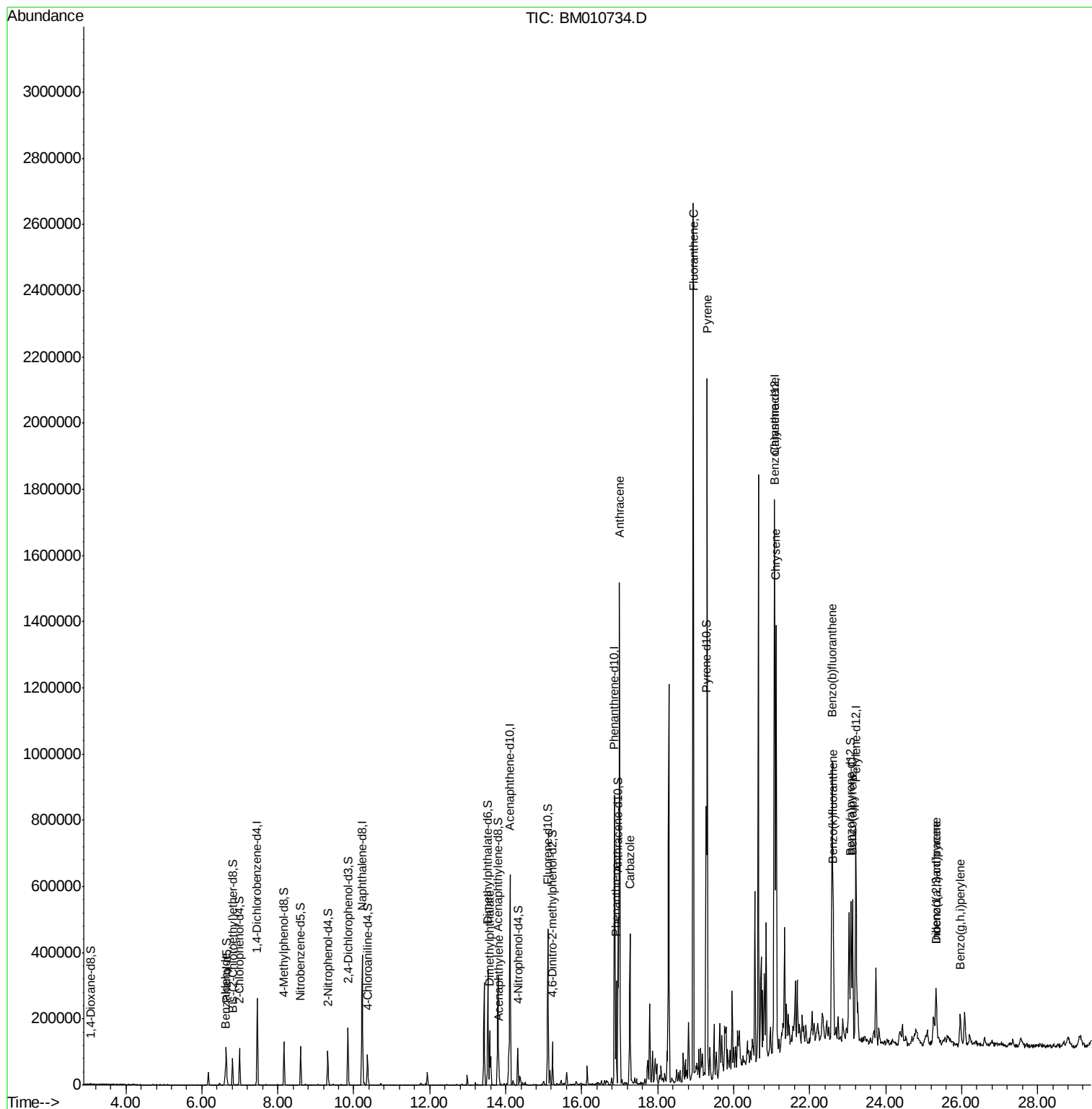
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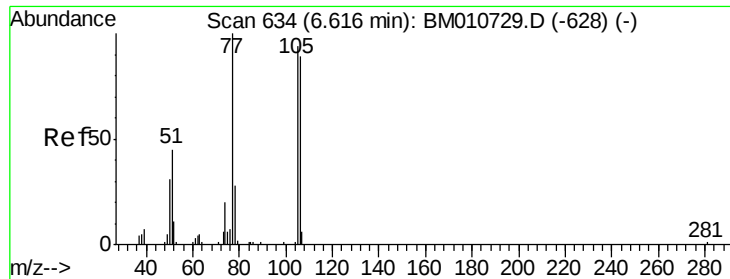
ALS Vial : 49 Sample Multiplier: 1

Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 3.10 ng/ul

RT: 6.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

Instrument :

BNA_M

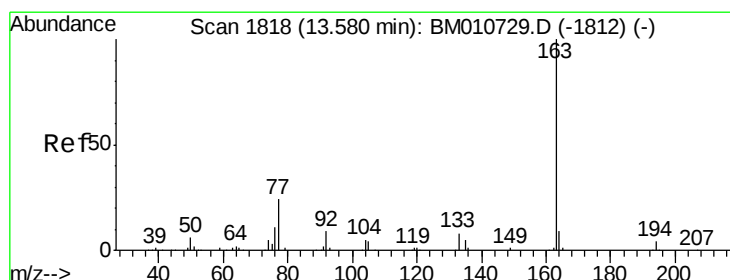
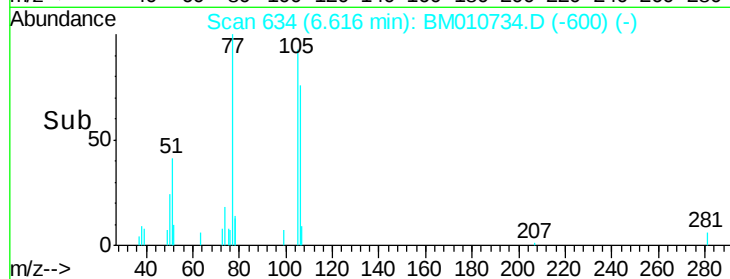
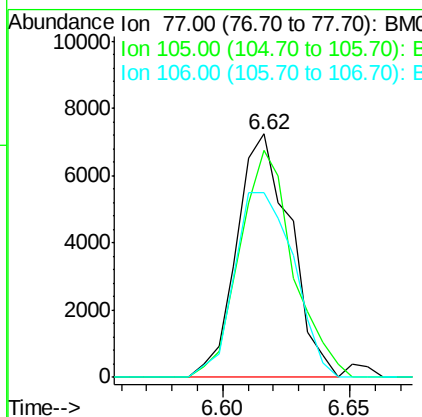
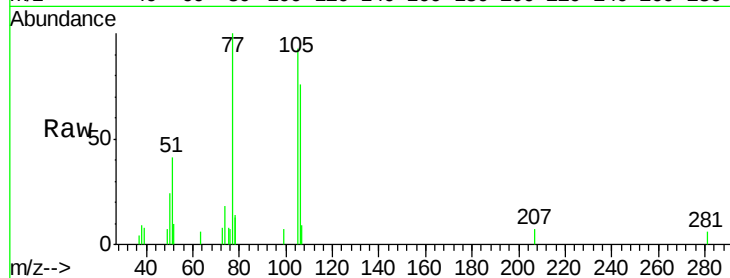
ClientSampleId :

F5A93DL

Tgt Ion:	77	Resp:	10665
Ion Ratio	Lower	Upper	
77	100		
105	93.1	66.1	99.1
106	75.8	67.8	101.6

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#44

Dimethylphthalate

Concen: 5.59 ng/ul

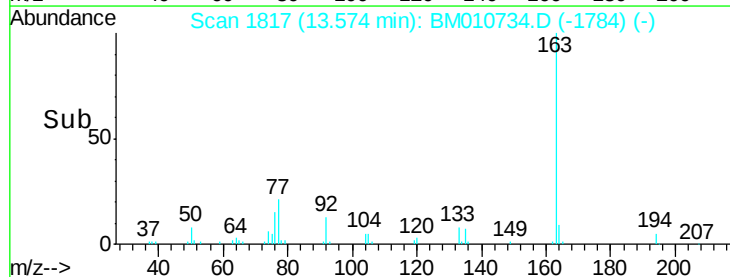
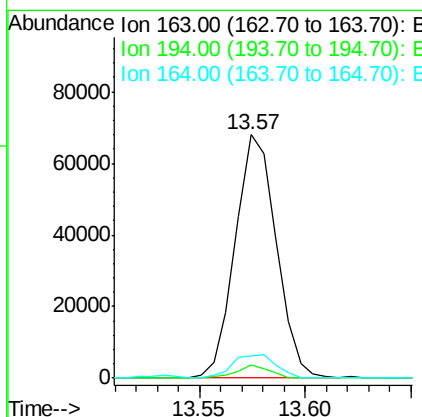
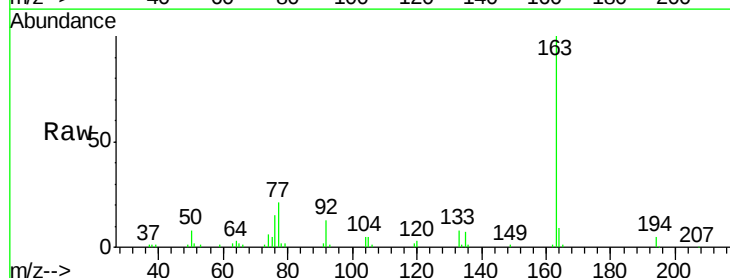
RT: 13.57 min Scan# 1817

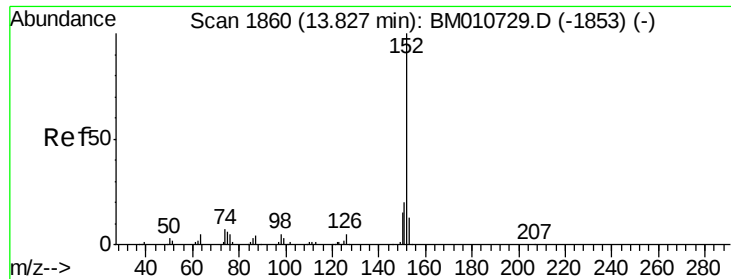
Delta R.T. -0.01 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

Tgt Ion:	163	Resp:	91939
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.5	5.3
164	9.3	8.2	12.4





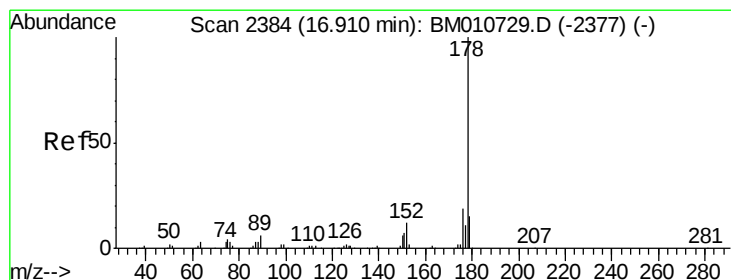
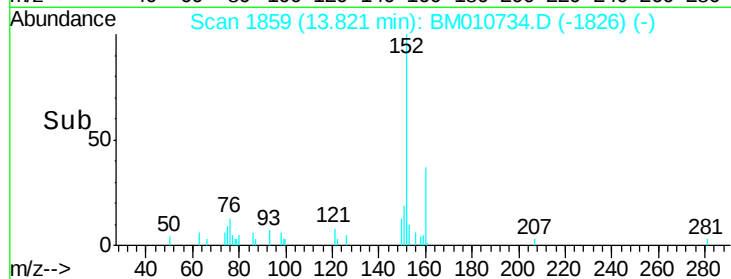
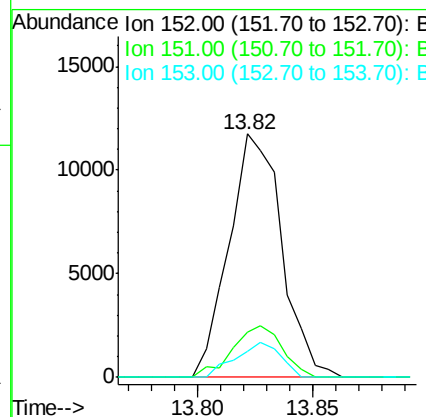
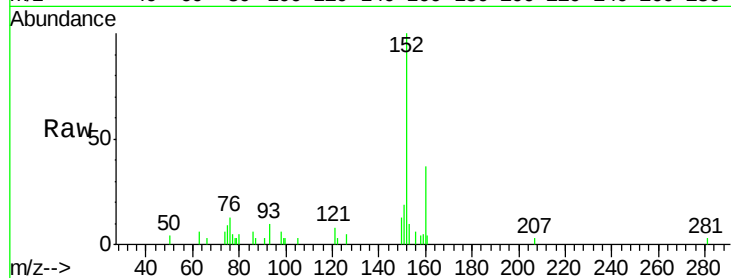
#47
Acenaphthylene
Concen: 1.01 ng/ul
RT: 13.82 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Instrument :
BNA_M
ClientSampleId :
F5A93DL

Tgt Ion:	152	Resp:	18684
Ion Ratio	Lower	Upper	
152	100		
151	18.6	16.3	24.5
153	10.5	10.2	15.4

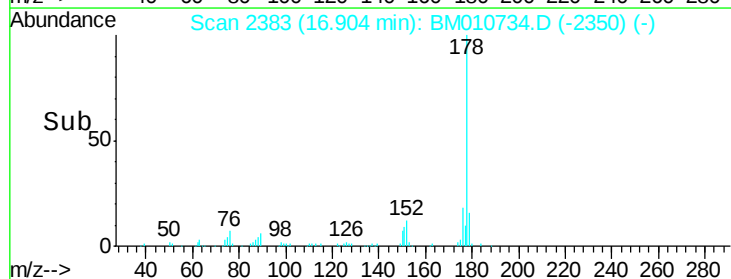
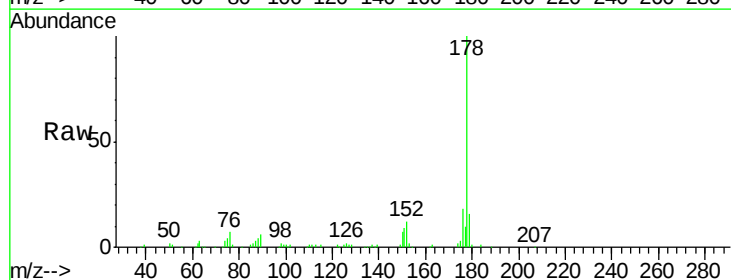
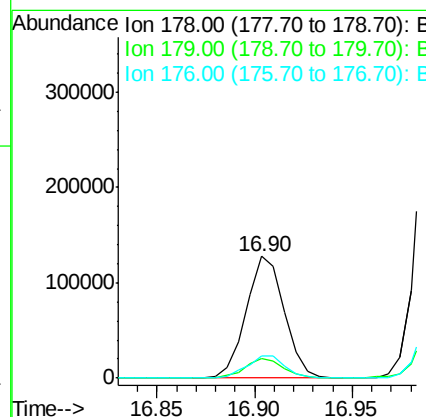
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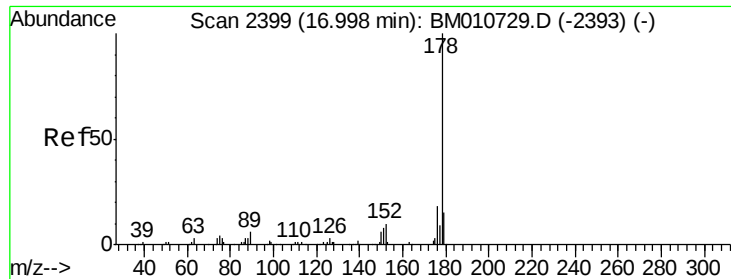
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#69
Phenanthrene
Concen: 6.76 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Tgt Ion:	178	Resp:	172096
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.6	19.0
176	17.8	14.9	22.3





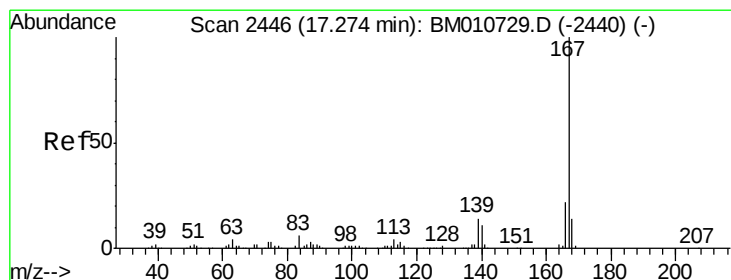
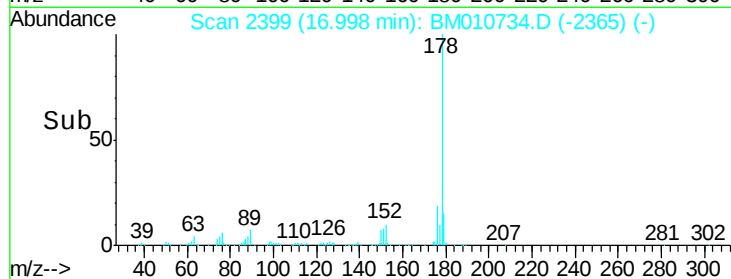
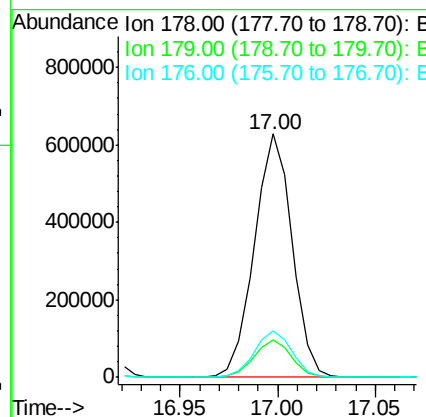
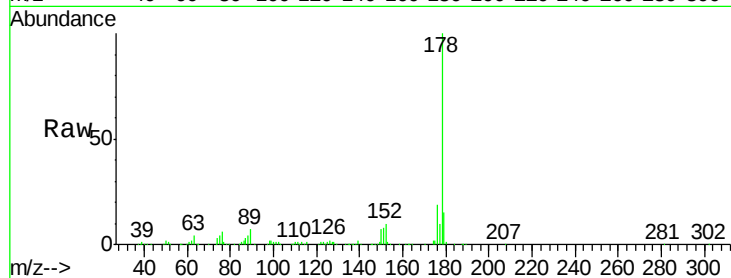
#71
 Anthracene
 Concen: 31.97 ng/ul
 RT: 17.00 min Scan# 2399
 Delta R.T. -0.00 min
 Lab File: BM010734.D
 Acq: 24 Jun 2017 17:39

Instrument :
 BNA_M
 ClientSampleId :
 F5A93DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	19.2	14.6	21.8

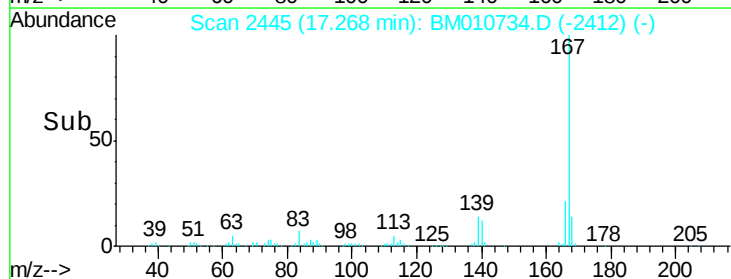
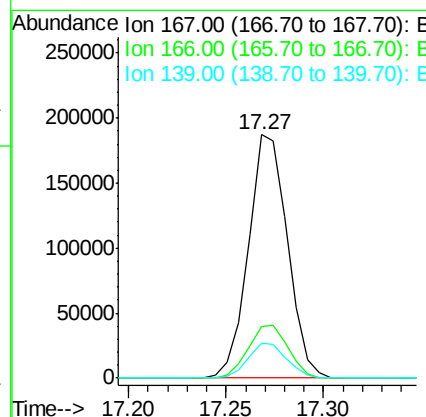
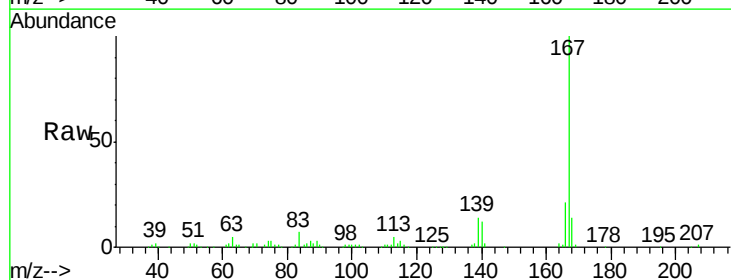
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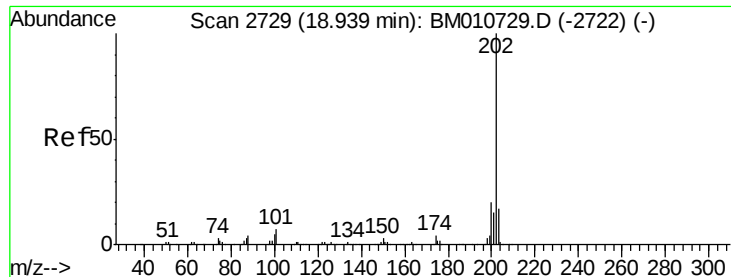
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#72
 Carbazole
 Concen: 11.35 ng/ul
 RT: 17.27 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BM010734.D
 Acq: 24 Jun 2017 17:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	14.3	10.0	15.0





#74

Fluoranthene

Concen: 43.92 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

Instrument :

BNA_M

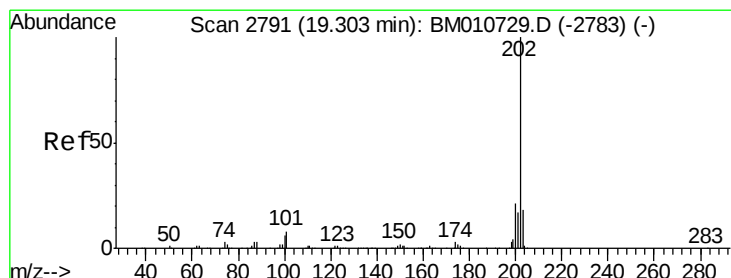
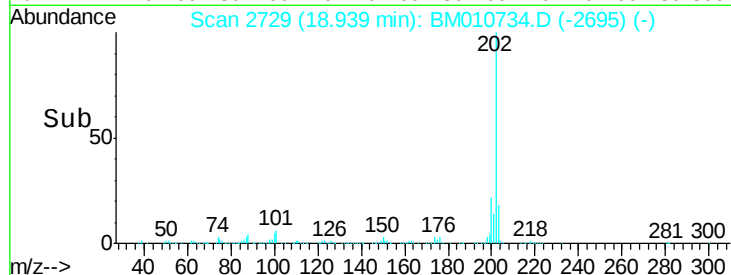
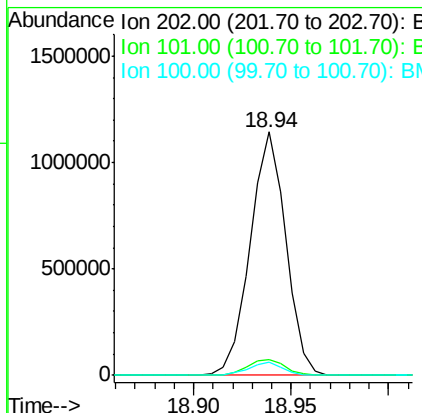
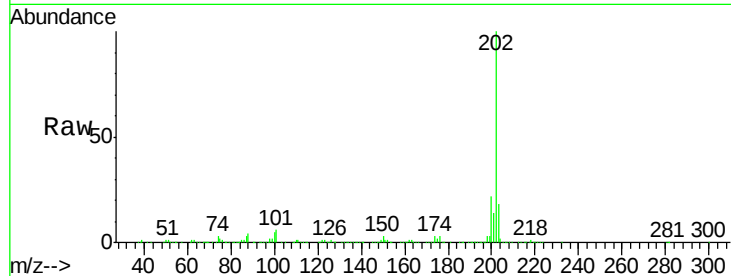
ClientSampleId :

F5A93DL

Tgt Ion:	202	Resp:	1440942
Ion Ratio	Lower	Upper	
202	100		
101	6.5	4.6	7.0
100	5.2	3.4	5.2#

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#77

Pyrene

Concen: 36.76 ng/ul

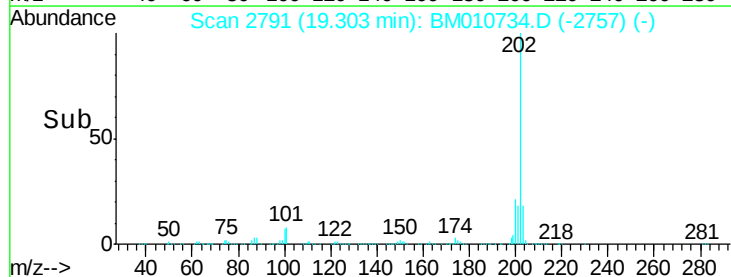
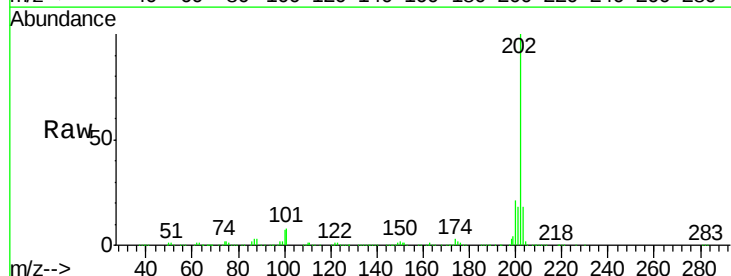
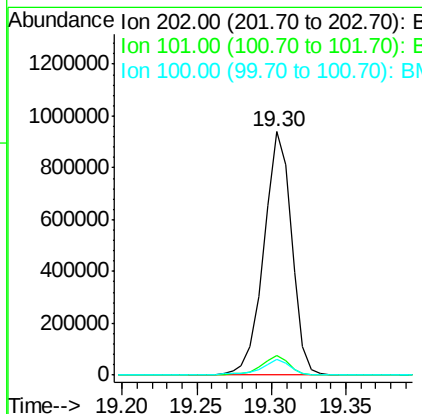
RT: 19.30 min Scan# 2791

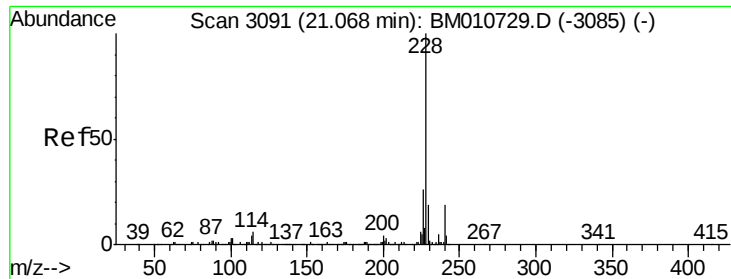
Delta R.T. -0.00 min

Lab File: BM010734.D

Acq: 24 Jun 2017 17:39

Tgt Ion:	202	Resp:	1204031
Ion Ratio	Lower	Upper	
202	100		
101	7.9	5.1	7.7#
100	6.7	4.9	7.3





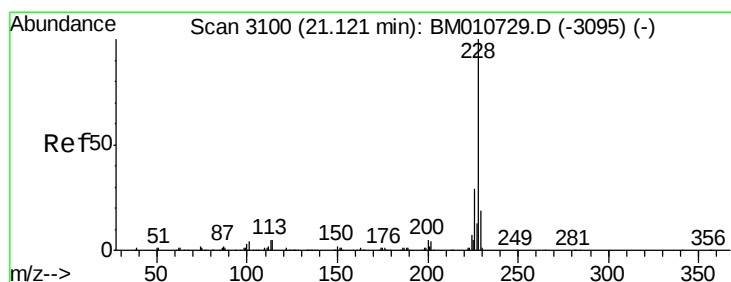
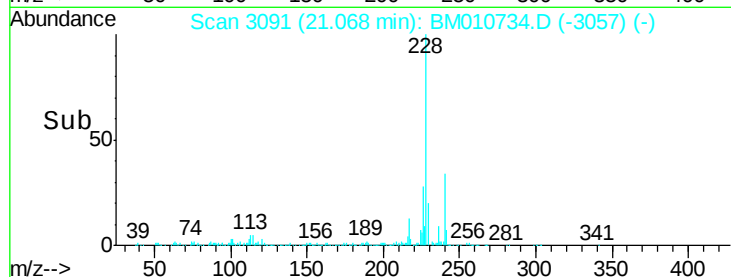
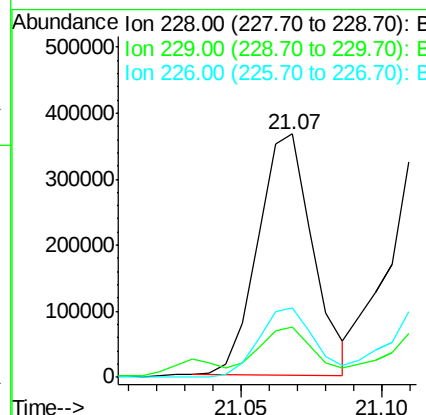
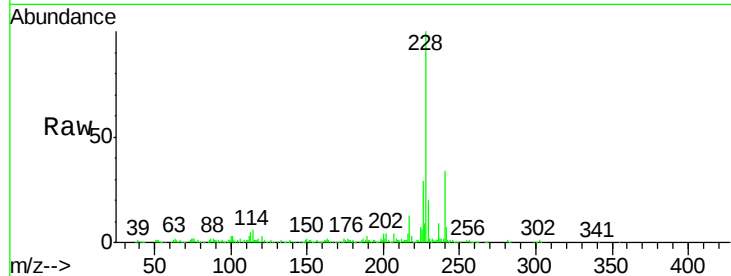
#80
Benzo(a)anthracene
Concen: 14.89 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Instrument :
BNA_M
ClientSampleID :
F5A93DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	28.8	21.4	32.0

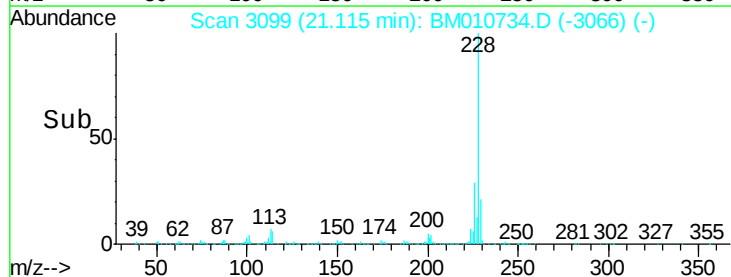
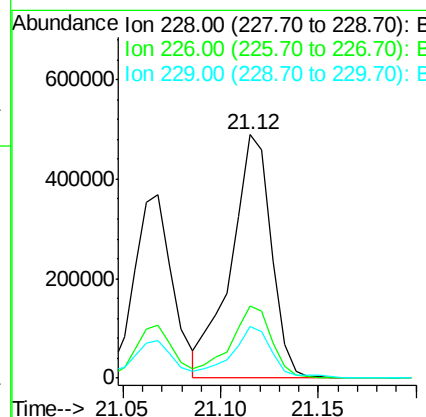
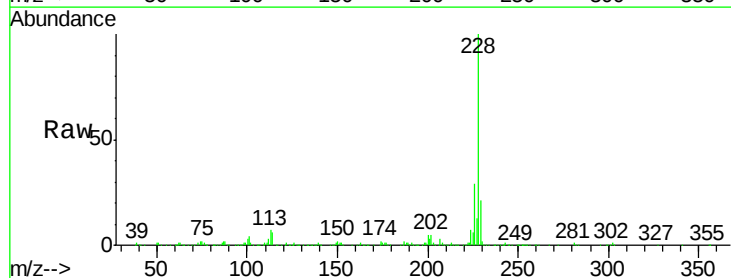
Manual Integrations
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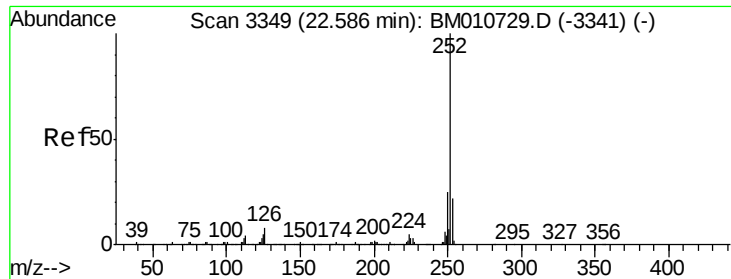
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#82
Chrysene
Concen: 23.78 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.1	15.5	23.3





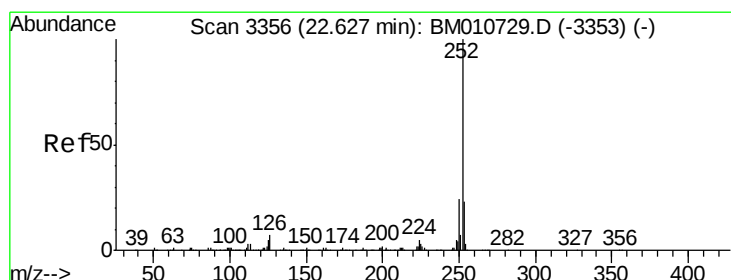
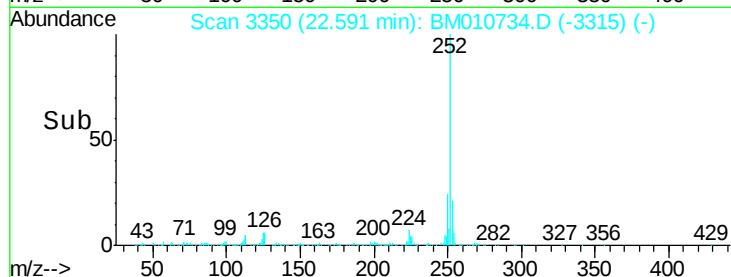
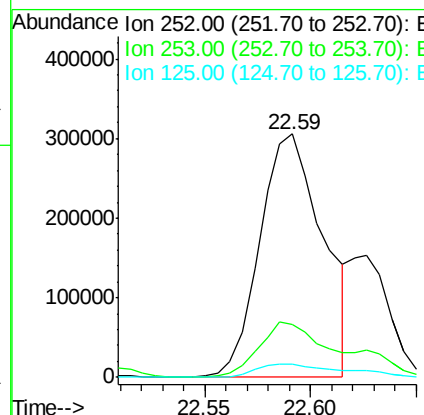
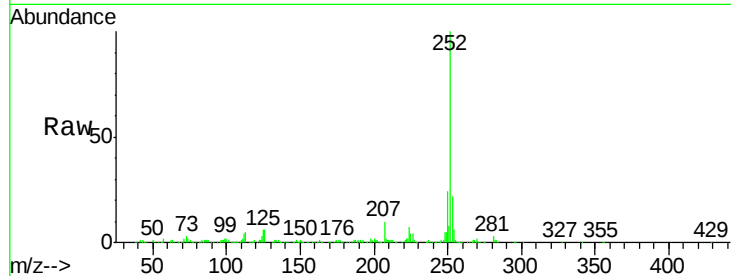
#85
Benzo(b)fluoranthene
Concen: 22.01 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Instrument :
BNA_M
ClientSampleId :
F5A93DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	5.6	3.6	5.4#

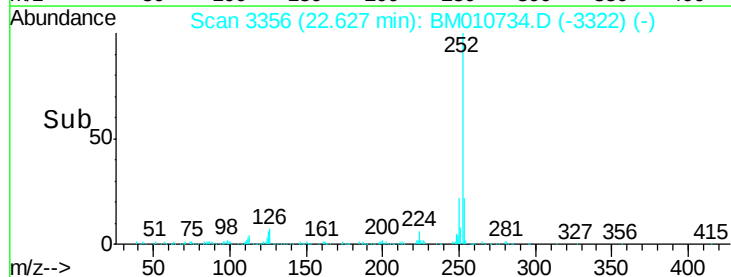
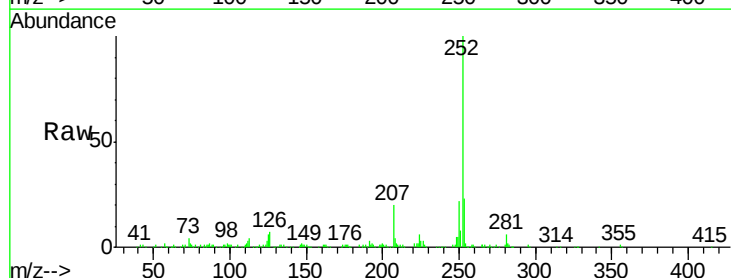
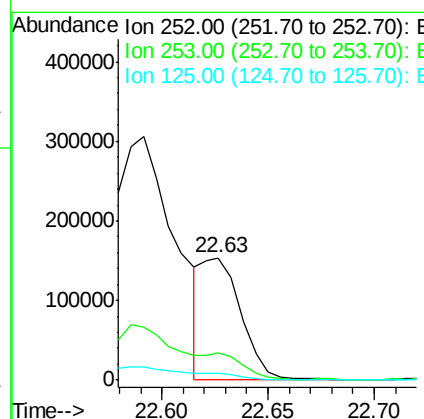
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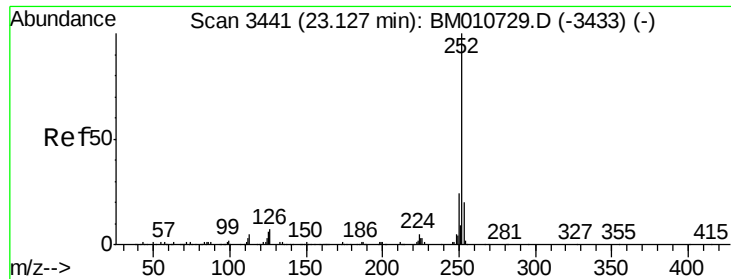
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#86
Benzo(k)fluoranthene
Concen: 7.23 ng/ul m
RT: 22.63 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	5.6	3.4	5.2#





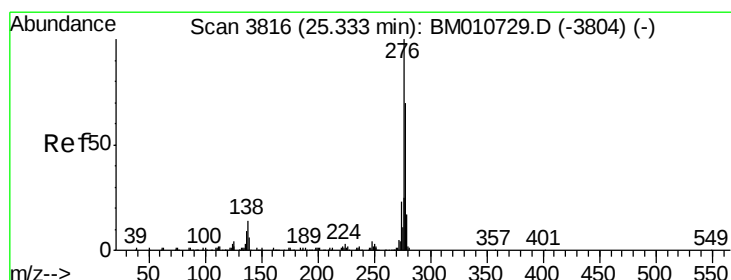
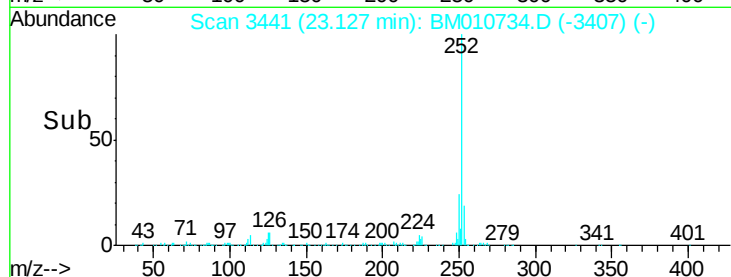
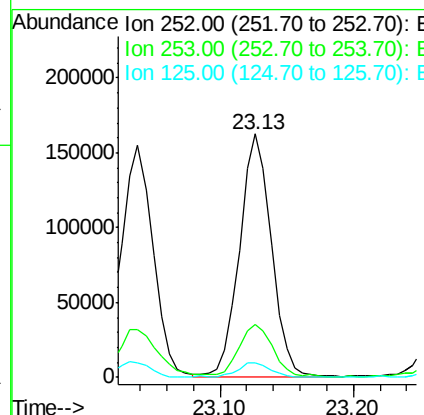
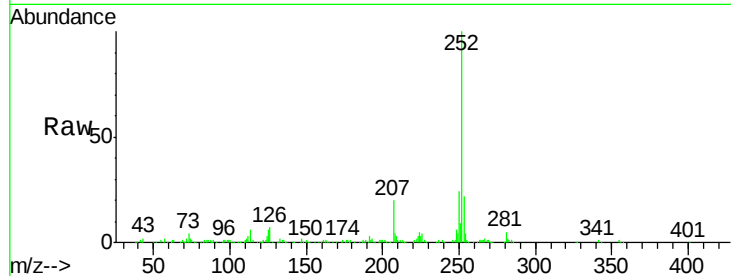
#88
Benzo(a)pyrene
Concen: 10.05 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Instrument :
BNA_M
ClientSampleId :
F5A93DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	266798		
253	21.8	18.2	27.2	
125	5.7	4.0	6.0	

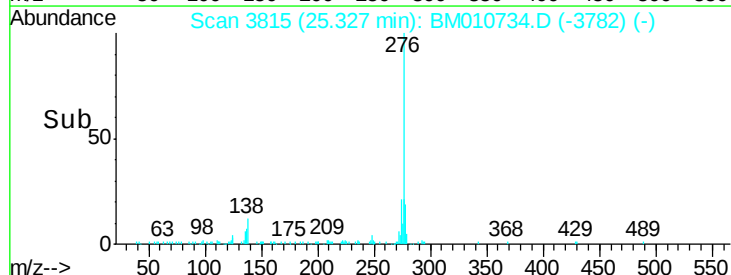
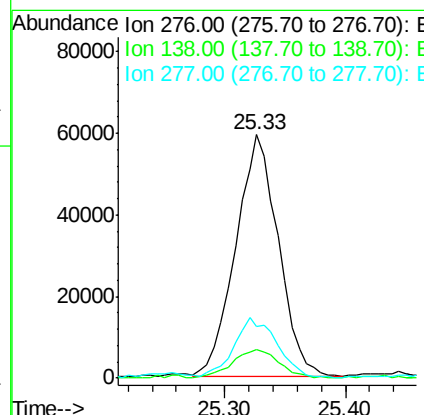
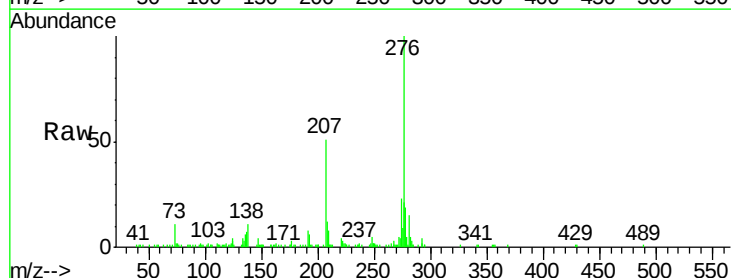
Manual Integrations
APPROVED

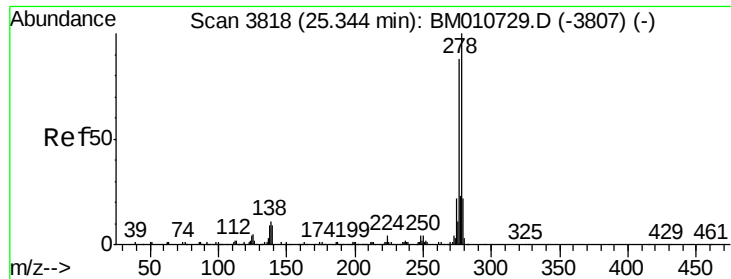
mohammad
6/28/2017 7:41:58 AM



#89
Indeno(1,2,3-cd)pyrene
Concen: 5.32 ng/ul
RT: 25.33 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	146410		
138	11.5	9.3	13.9	
277	21.3	19.9	29.9	





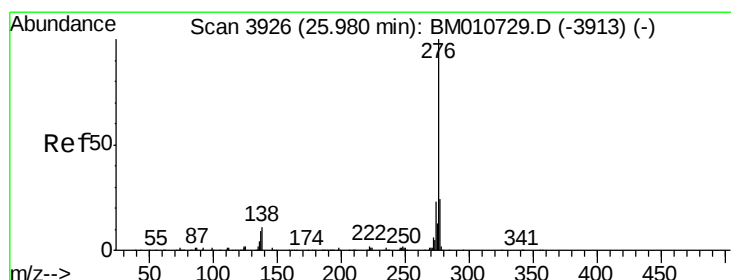
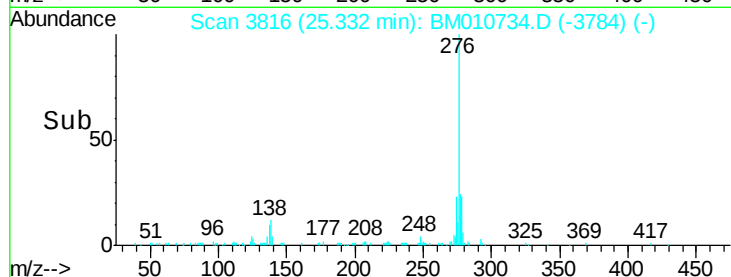
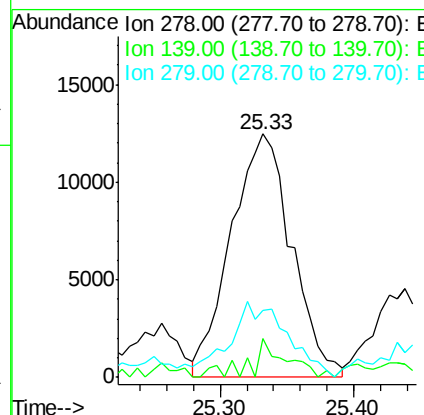
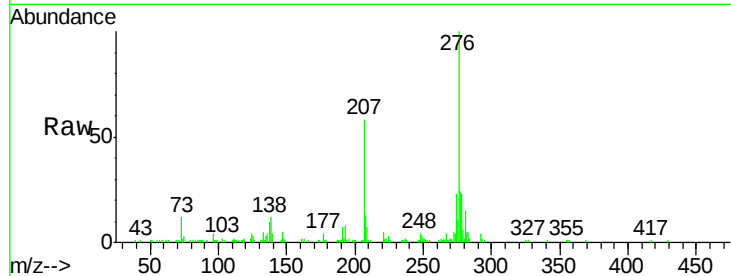
#90
Dibenzo(a,h)anthracene
Concen: 1.72 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Instrument :
BNA_M
ClientSampleId :
F5A93DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	5.8	8.8#
279	27.6	18.6	27.8

Manual Integrations
APPROVED

mohammad
6/28/2017 7:41:58 AM



#91
Benzo(g,h,i)perylene
Concen: 4.68 ng/ul
RT: 25.97 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM010734.D
Acq: 24 Jun 2017 17:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.0	8.5	12.7#
277	25.3	18.6	28.0

