

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
 Data File : BM010341.D
 Acq On : 31 May 2017 20:44
 Operator : SJ/MA
 Sample : I3369-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA1

Manual Integrations
 APPROVED

mohammad
 6/1/2017 3:01:41 PM

Quant Time: Jun 01 01:54:24 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 01 01:28:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	339224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1227575	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	746561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1735290	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	2372976	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	2404572	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	32389	3.92	ng/uL	0.00
5) Phenol-d5	7.10	99	535837	20.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	310892	21.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	468898	22.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	407638	19.65	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	208935	23.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	246171	23.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	477693	22.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	491691	23.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1540833	24.84	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1755938	24.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	158846	17.12	ng/ul	0.00
57) Fluorene-d10	15.54	176	1291279	23.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	240294	19.55	ng/ul	0.00
70) Anthracene-d10	17.40	188	1981718	23.47	ng/ul	0.00
76) Pyrene-d10	19.69	212	2503452	25.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	2729036	24.38	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.13	94	30745	1.17	ng/ul	93
44) Dimethylphthalate	14.02	163	332566	5.45	ng/ul	99
49) Acenaphthene	14.62	153	138515	2.79	ng/ul	88
53) Dibenzofuran	14.96	168	96523	1.32	ng/ul	99
58) Fluorene	15.60	166	124776	2.07	ng/ul	100
69) Phenanthrene	17.34	178	2183781	23.57	ng/ul	99
71) Anthracene	17.43	178	321487	3.32	ng/ul	98
72) Carbazole	17.72	167	196166	2.40	ng/ul	97
74) Fluoranthene	19.35	202	3574011	31.37	ng/ul	98
77) Pyrene	19.72	202	3181898	26.02	ng/ul	99
78) Butylbenzylphthalate	20.59	149	53590	1.27	ng/ul	94
80) Benzo(a)anthracene	21.45	228	1673481	12.51	ng/ul	100
82) Chrysene	21.50	228	1659928	13.72	ng/ul	95
85) Benzo(b)fluoranthene	23.10	252	2281259	16.30	ng/ul	99
86) Benzo(k)fluoranthene	23.14	252	755358m	5.65	ng/ul	
88) Benzo(a)pyrene	23.71	252	1555481	11.22	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.20	276	1111192	6.34	ng/ul	97
90) Dibenzo(a,h)anthracene	26.20	278	274571	1.82	ng/ul#	95
91) Benzo(g,h,i)perylene	26.94	276	1094275	7.58	ng/ul	95

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

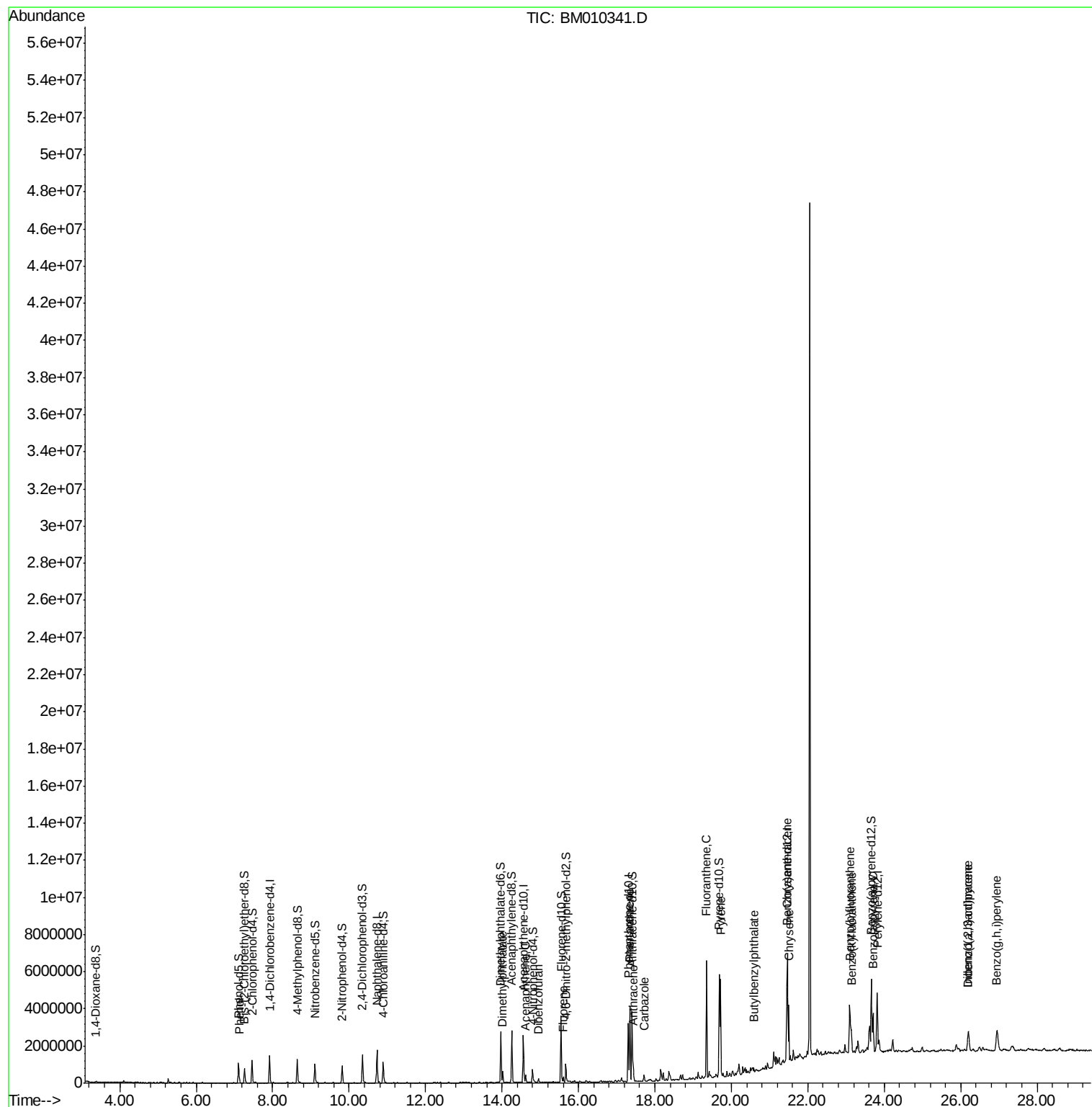
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053117\
Data File : BM010341.D
Acq On : 31 May 2017 20:44
Operator : SJ/MA
Sample : I3369-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

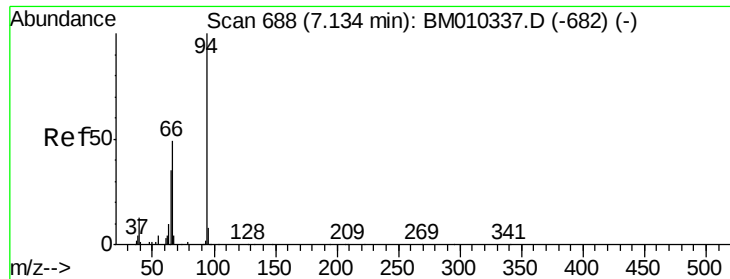
Instrument :
BNA_M
ClientSampleId :
C0AA1

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6/1/2017 3:01:41 PM

Quant Time: Jun 01 01:54:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 01 01:28:02 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.17 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM010341.D

Acq: 31 May 2017 20:44

Instrument :

BNA_M

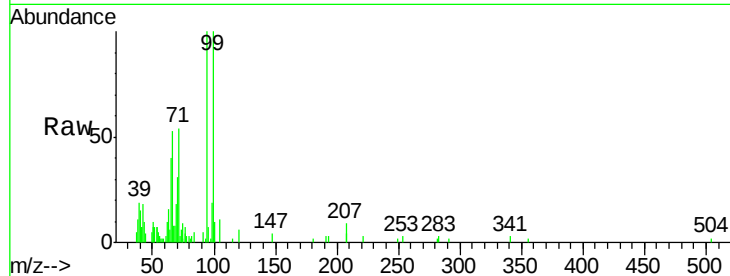
ClientSampleId :

C0AA1

Tgt Ion:	94	Resp:	30745
Ion Ratio	Lower	Upper	
94	100		
65	39.7	28.2	42.4
66	53.6	47.2	70.8

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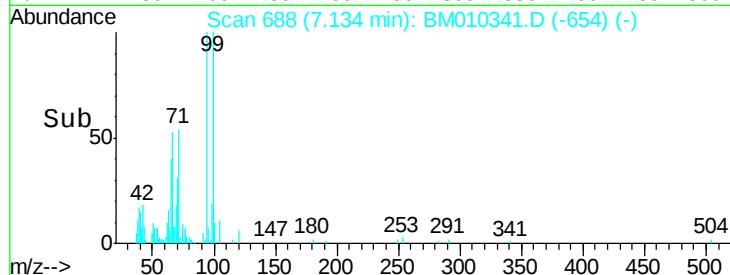
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Ion 65.00 (64.70 to 65.70): BM010337.D (-682) (-)

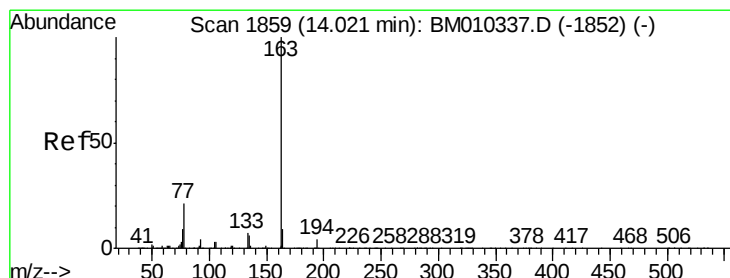
Ion 66.00 (65.70 to 66.70): BM010337.D (-682) (-)

Time-->

7.10 7.15



Time-->



#44

Dimethylphthalate

Concen: 5.45 ng/ul

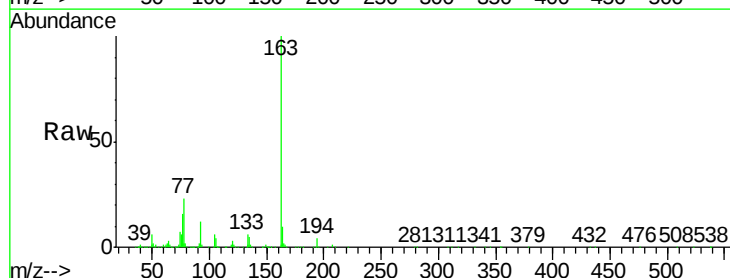
RT: 14.02 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM010341.D

Acq: 31 May 2017 20:44

Tgt Ion:	163	Resp:	332566
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.5	5.3
164	10.2	8.2	12.4



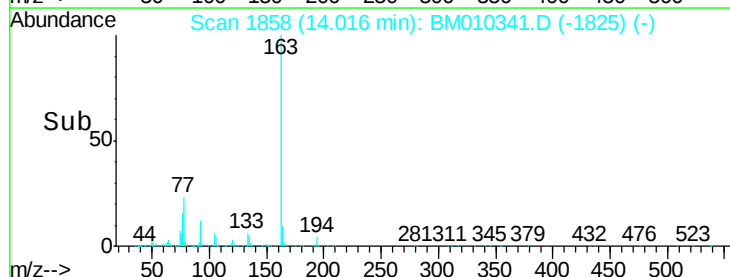
Abundance Ion 163.00 (162.70 to 163.70): BM010337.D (-1852) (-)

Ion 194.00 (193.70 to 194.70): BM010337.D (-1852) (-)

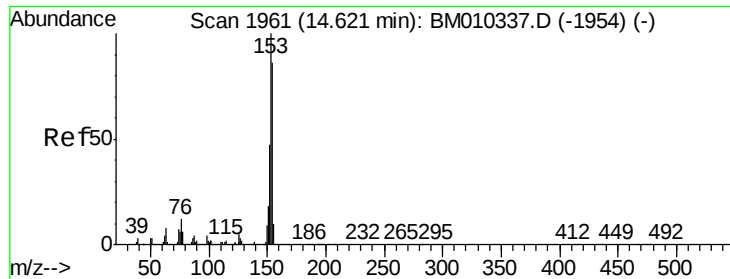
Ion 164.00 (163.70 to 164.70): BM010337.D (-1852) (-)

Time-->

13.95 14.00 14.05



Time-->



#49

Acenaphthene

Concen: 2.79 ng/ul

RT: 14.62 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BM010341.D

Acq: 31 May 2017 20:44

Instrument :

BNA_M

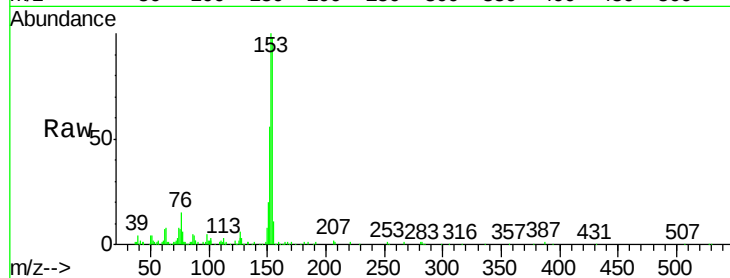
ClientSampleId :

C0AA1

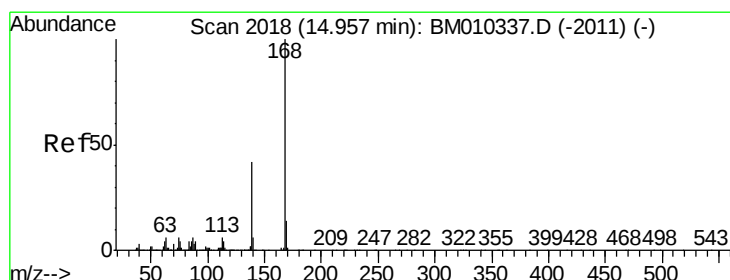
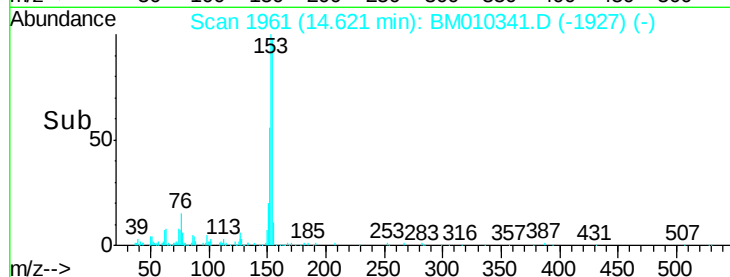
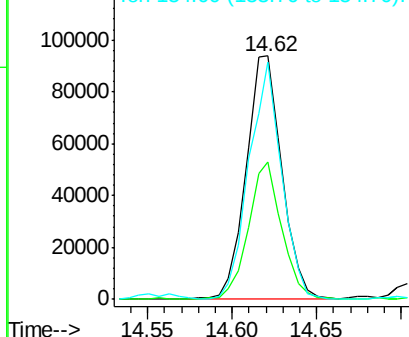
Tgt Ion:	153	Resp:	138515
Ion Ratio		Lower	Upper
153	100		
152	56.4	37.6	56.4
154	97.7	70.4	105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.32 ng/ul

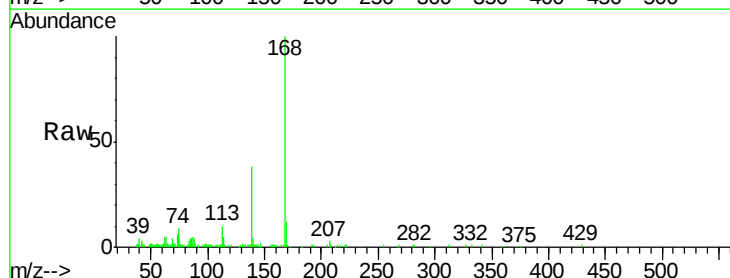
RT: 14.96 min Scan# 1818

Delta R.T. 0.00 min

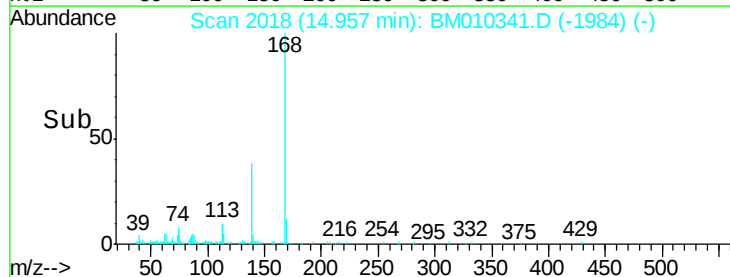
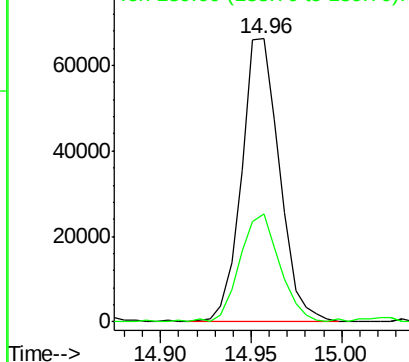
Lab File: BM010341.D

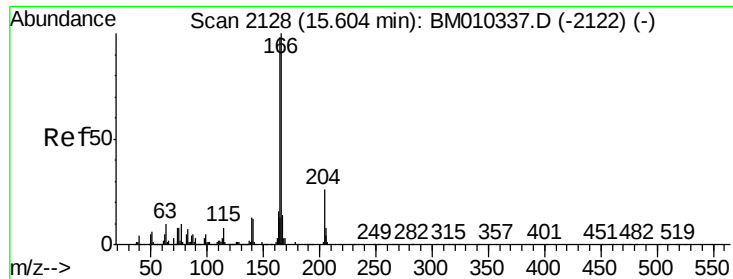
Acq: 31 May 2017 20:44

Tgt Ion:	168	Resp:	96523
Ion Ratio		Lower	Upper
168	100		
139	38.2	30.8	46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.07 ng/ul

RT: 15.60 min Scan# 2128

Delta R.T. 0.00 min

Lab File: BM010341.D

Acq: 31 May 2017 20:44

Instrument :

BNA_M

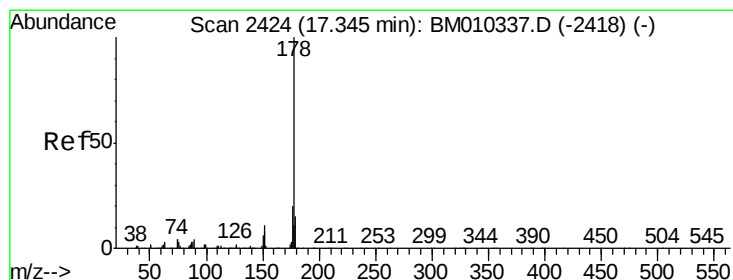
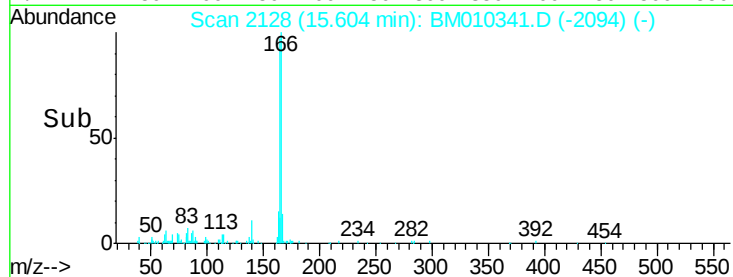
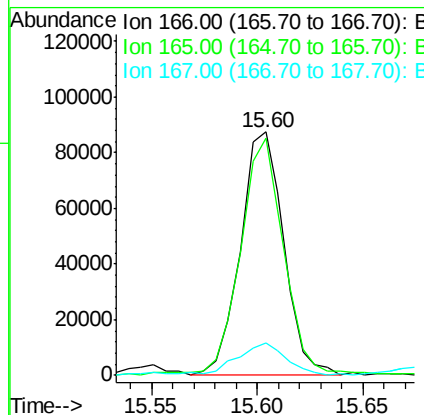
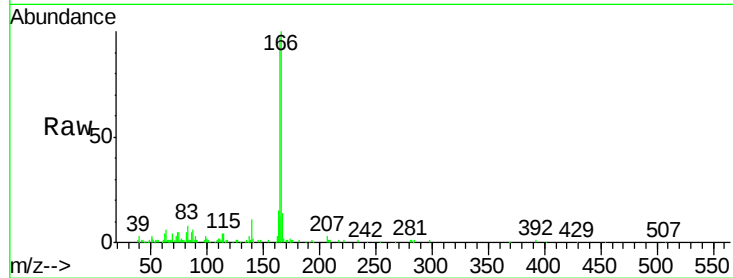
ClientSampled :

C0AA1

Tgt Ion:	166	Resp:	124776
Ion Ratio	Lower	Upper	
166	100		
165	97.3	77.9	116.9
167	13.6	10.6	16.0

Manual Integrations
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#69

Phenanthrene

Concen: 23.57 ng/ul

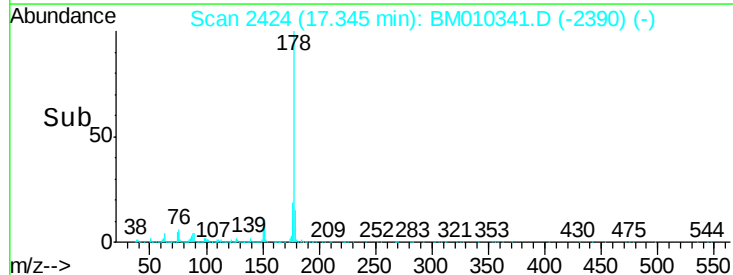
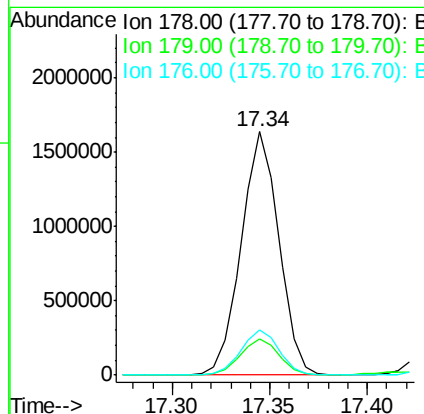
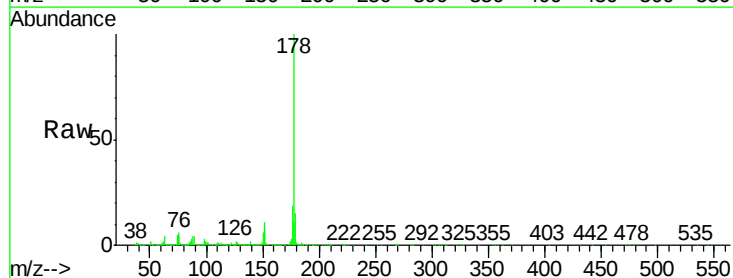
RT: 17.34 min Scan# 2424

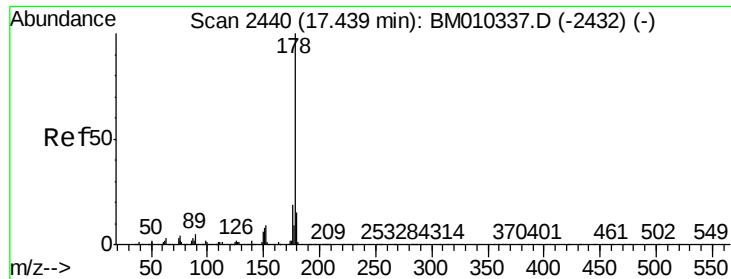
Delta R.T. 0.00 min

Lab File: BM010341.D

Acq: 31 May 2017 20:44

Tgt Ion:	178	Resp:	2183781
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	19.0
176	18.8	14.9	22.3





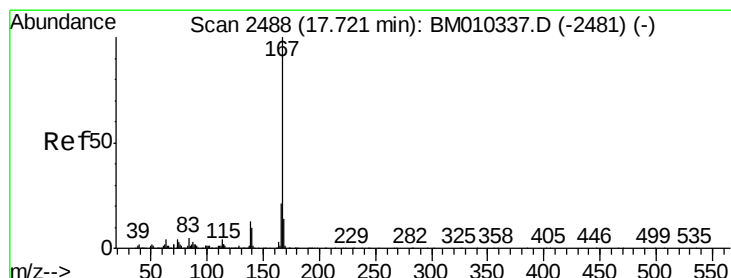
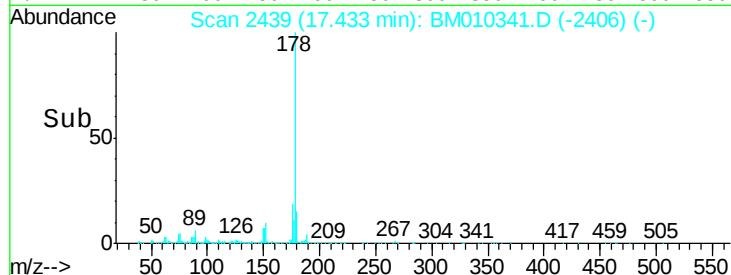
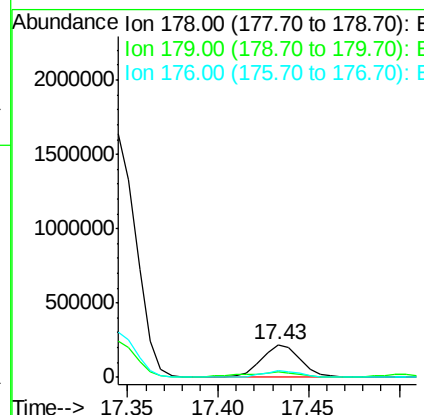
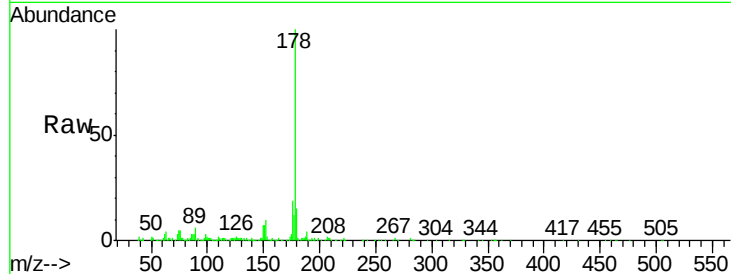
#71
 Anthracene
 Concen: 3.32 ng/ul
 RT: 17.43 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BM010341.D
 Acq: 31 May 2017 20:44

Instrument :
 BNA_M
 ClientSampled :
 C0AA1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	19.4	14.6	21.8

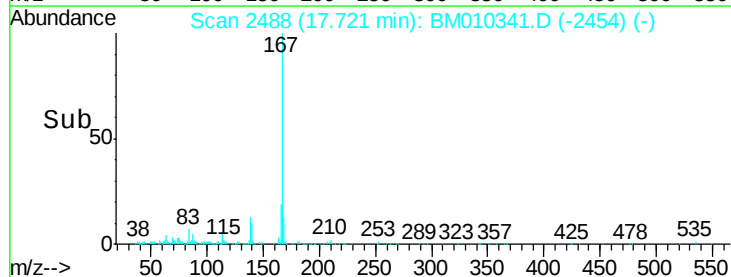
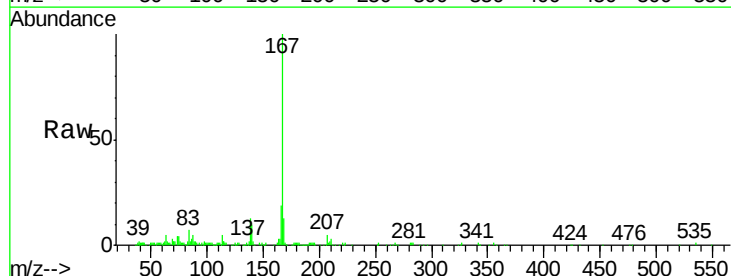
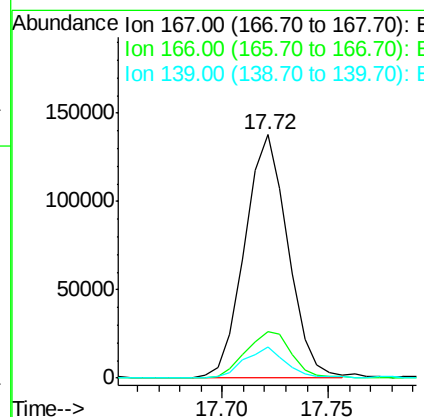
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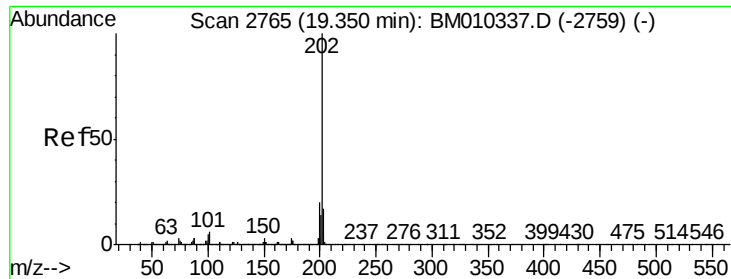
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#72
 Carbazole
 Concen: 2.40 ng/ul
 RT: 17.72 min Scan# 2488
 Delta R.T. 0.00 min
 Lab File: BM010341.D
 Acq: 31 May 2017 20:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.3	17.1	25.7
139	12.9	10.0	15.0





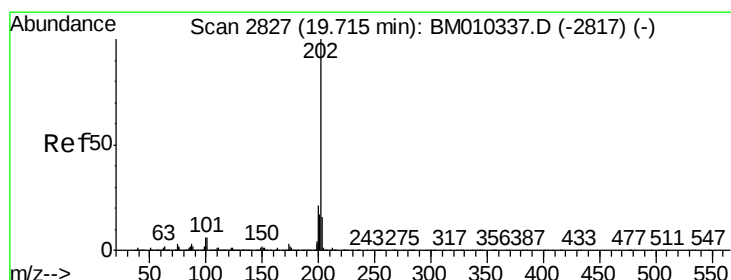
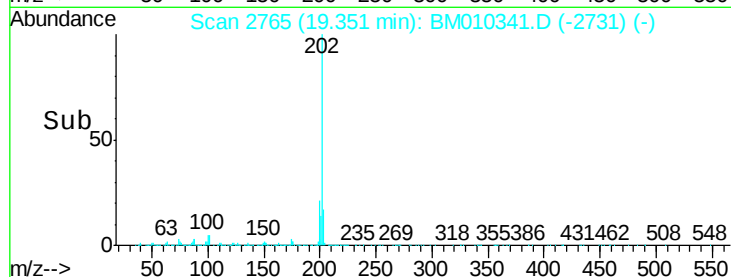
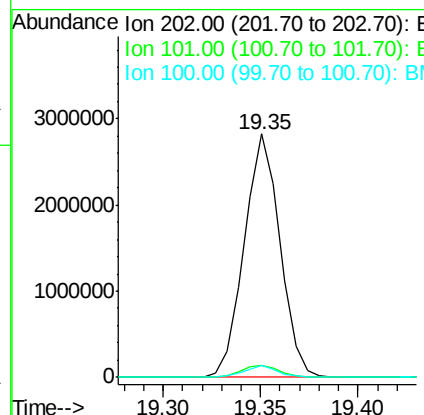
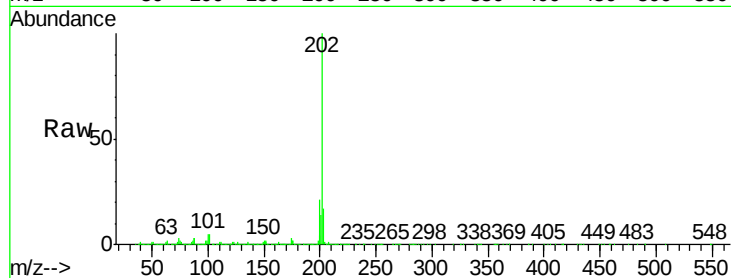
#74
Fluoranthene
Concen: 31.37 ng/ul
RT: 19.35 min Scan# 2765
Delta R.T. 0.00 min
Lab File: BM010341.D
Acq: 31 May 2017 20:44

Instrument :
BNA_M
ClientSampleId :
C0AA1

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.6	7.0
100	4.7	3.4	5.2

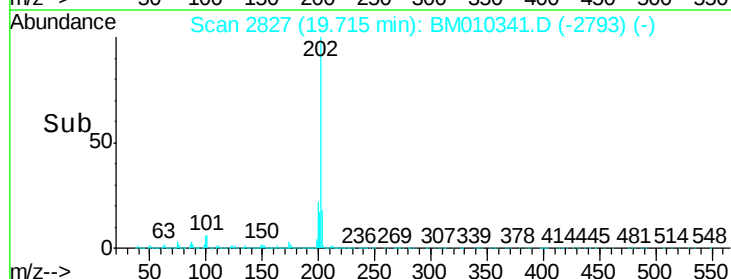
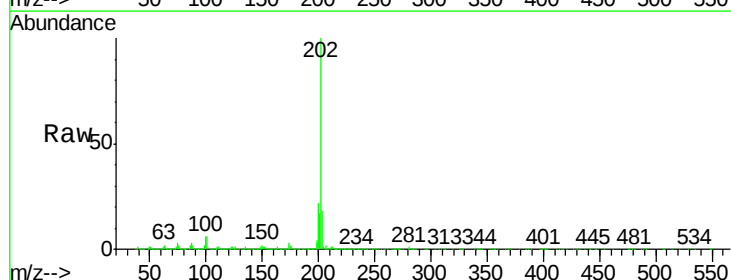
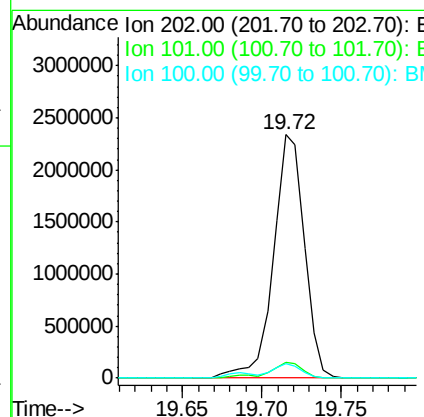
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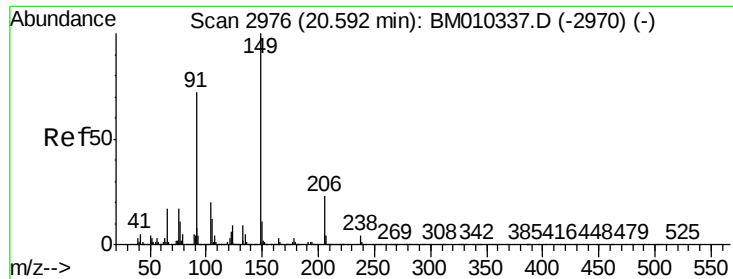
mohammad
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#77
Pyrene
Concen: 26.02 ng/ul
RT: 19.72 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BM010341.D
Acq: 31 May 2017 20:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.1	7.7
100	5.7	4.9	7.3





#78

Butylbenzylphthalate

Concen: 1.27 ng/ul

RT: 20.59 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BM010341.D

Acq: 31 May 2017 20:44

Instrument :

BNA_M

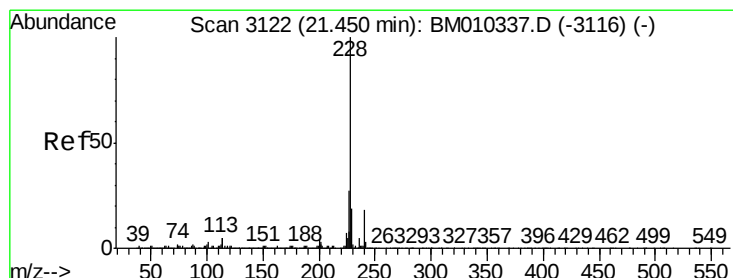
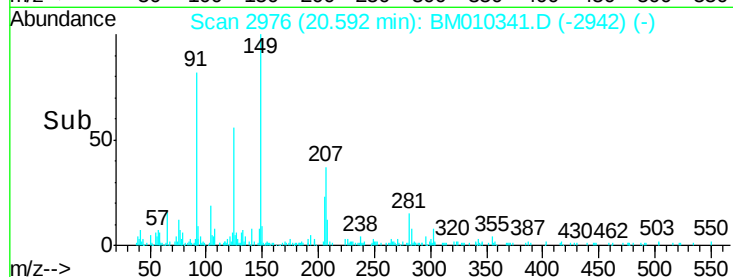
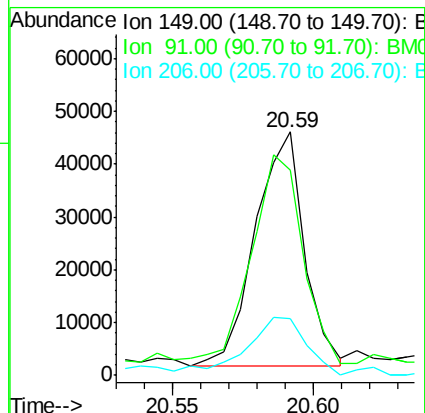
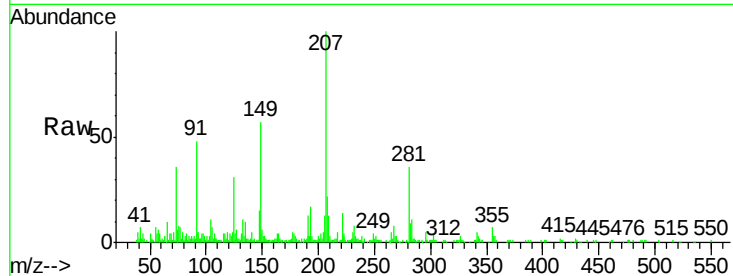
ClientSampleId :

C0AA1

Tgt Ion:	149	Resp:	53590
Ion Ratio	Lower	Upper	
149	100		
91	84.2	62.7	94.1
206	23.4	20.8	31.2

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#80

Benzo(a)anthracene

Concen: 12.51 ng/ul

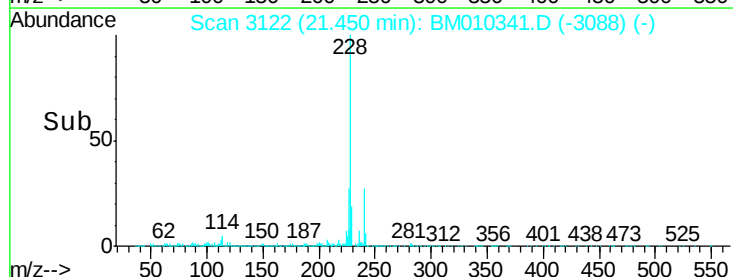
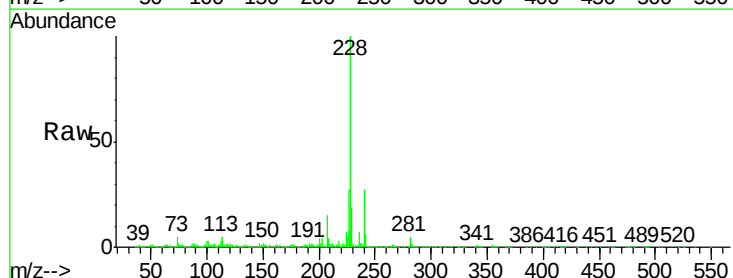
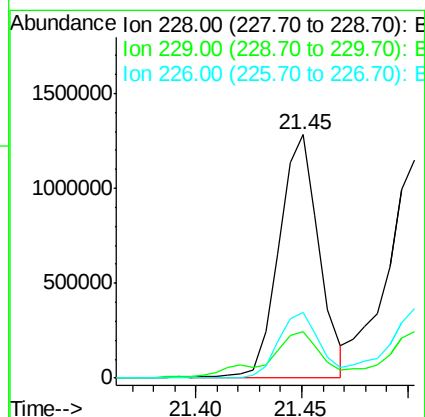
RT: 21.45 min Scan# 3122

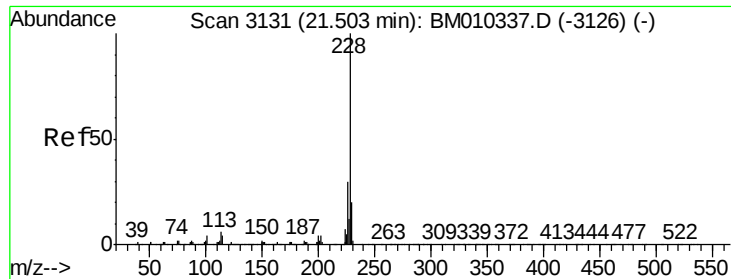
Delta R.T. 0.00 min

Lab File: BM010341.D

Acq: 31 May 2017 20:44

Tgt Ion:	228	Resp:	1673481
Ion Ratio	Lower	Upper	
228	100		
229	19.0	15.4	23.0
226	26.7	21.4	32.0





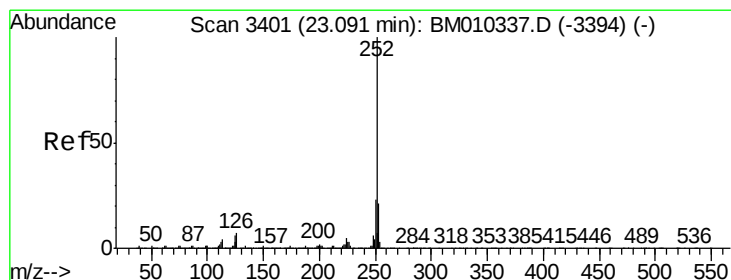
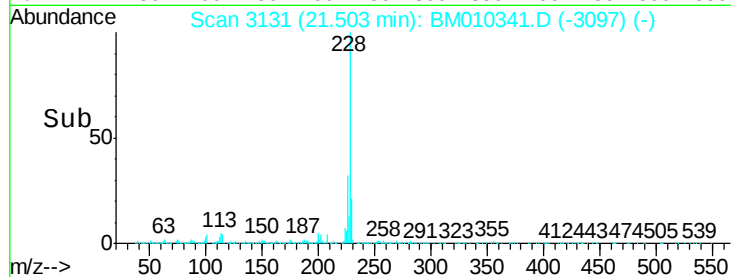
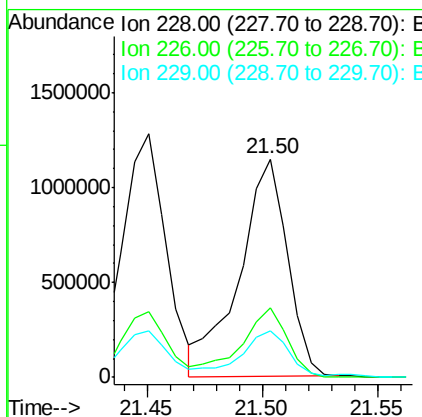
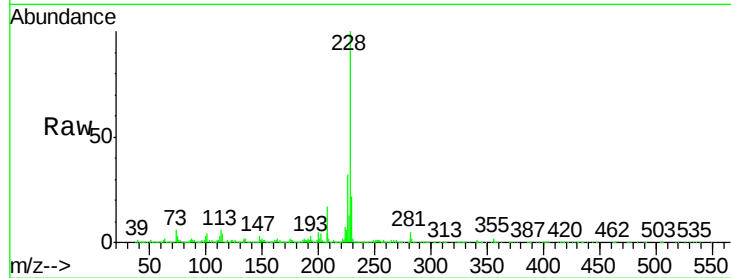
#82
Chrysene
Concen: 13.72 ng/ul
RT: 21.50 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BM010341.D
Acq: 31 May 2017 20:44

Instrument :
BNA_M
ClientSampleId :
C0AA1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.4	35.2
229	21.6	15.5	23.3

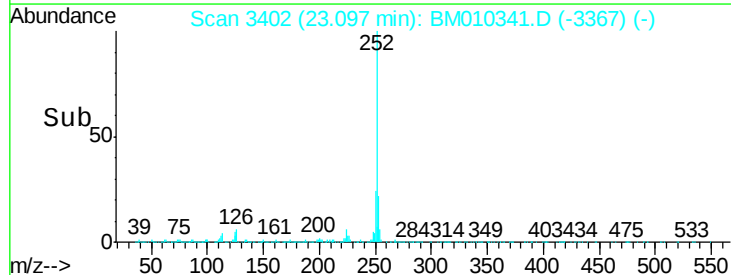
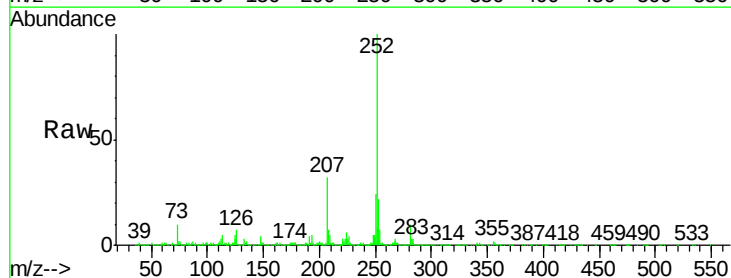
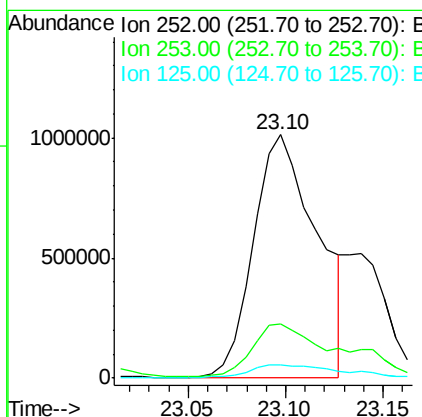
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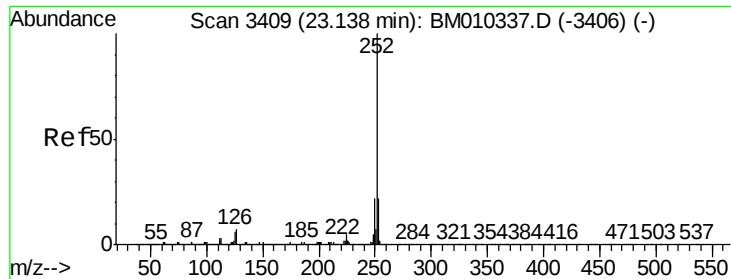
mohammad
6/1/2017 3:01:41 PM



#85
Benzo(b)fluoranthene
Concen: 16.30 ng/ul
RT: 23.10 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BM010341.D
Acq: 31 May 2017 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	5.2	3.6	5.4





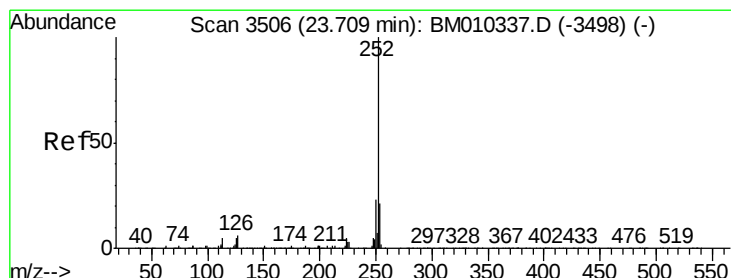
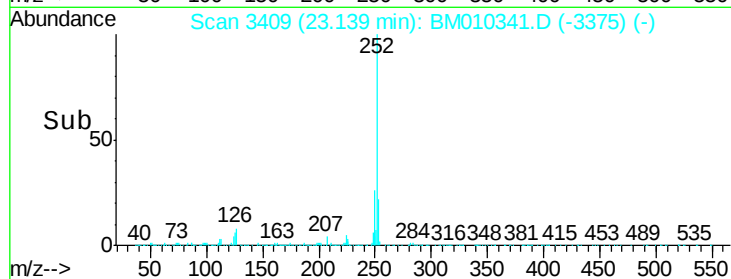
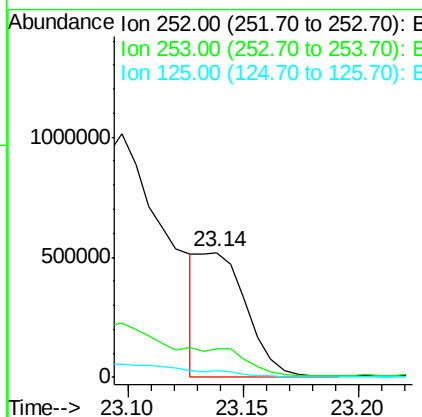
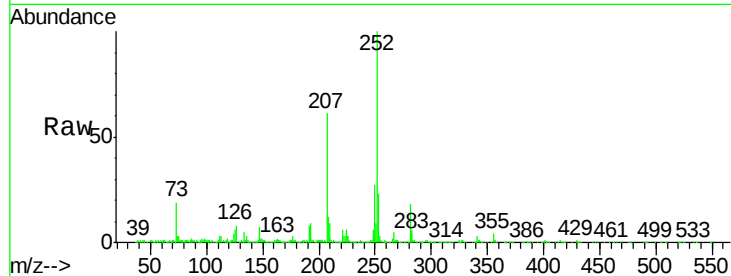
#86
Benzo(k)fluoranthene
Concen: 5.65 ng/ul m
RT: 23.14 min Scan# 3409
Delta R.T. 0.00 min
Lab File: BM010341.D
Acq: 31 May 2017 20:44

Instrument :
BNA_M
ClientSampleId :
C0AA1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	5.8	3.4	5.2#

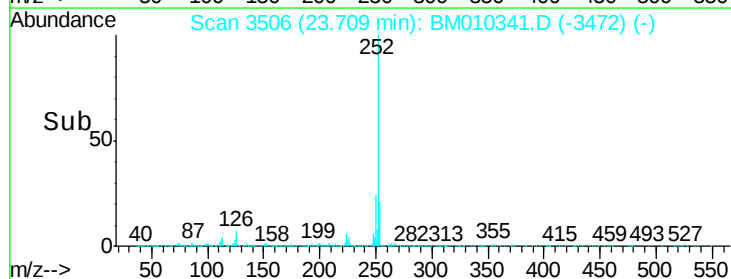
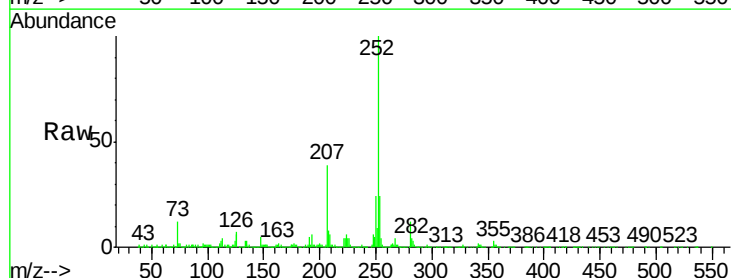
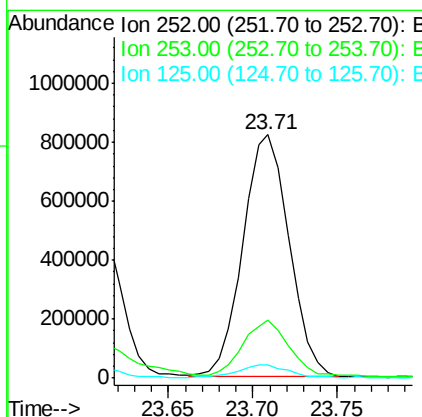
Manual Integrations
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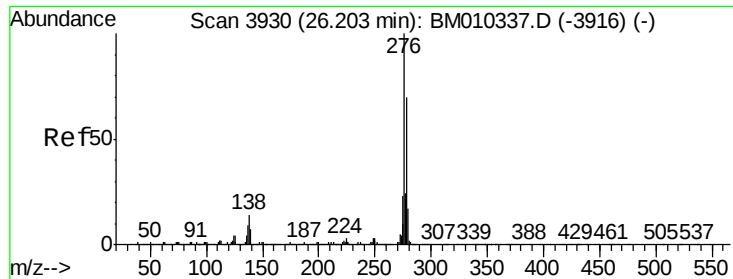
mohammad
6/1/2017 3:01:41 PM



#88
Benzo(a)pyrene
Concen: 11.22 ng/ul
RT: 23.71 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BM010341.D
Acq: 31 May 2017 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	5.6	4.0	6.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 6.34 ng/ul

RT: 26.20 min Scan# 3930

Delta R.T. 0.00 min

Lab File: BM010341.D

Acq: 31 May 2017 20:44

Instrument :

BNA_M

ClientSampleId :

C0AA1

Tgt Ion:276 Resp: 1111192

Ion Ratio Lower Upper

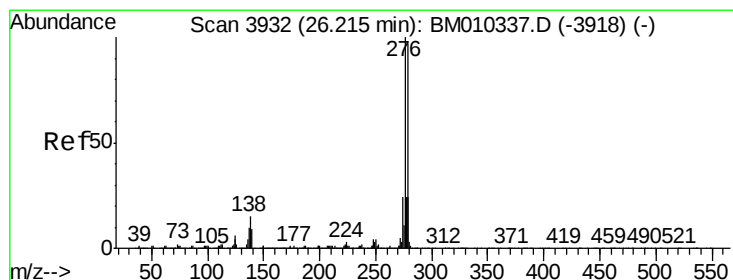
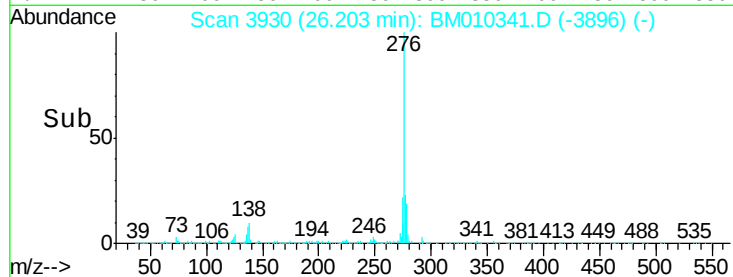
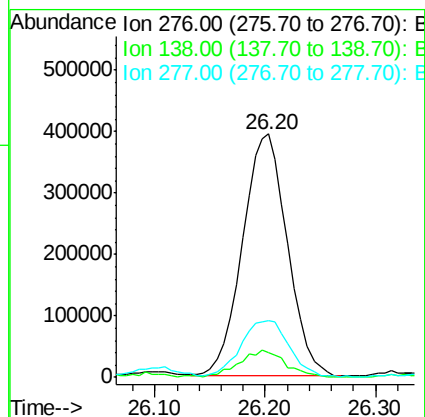
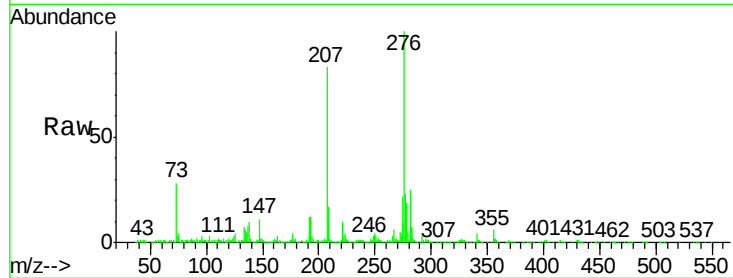
276 100

138 10.2 9.3 13.9

277 23.2 19.9 29.9

Manual Integrations
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6/1/2017 3:01:41 PM



#90

Dibenzo(a,h)anthracene

Concen: 1.82 ng/ul

RT: 26.20 min Scan# 3929

Delta R.T. -0.02 min

Lab File: BM010341.D

Acq: 31 May 2017 20:44

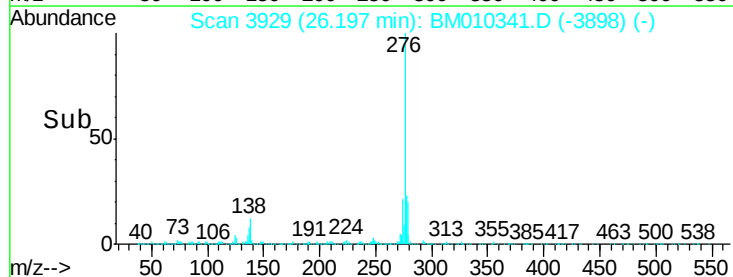
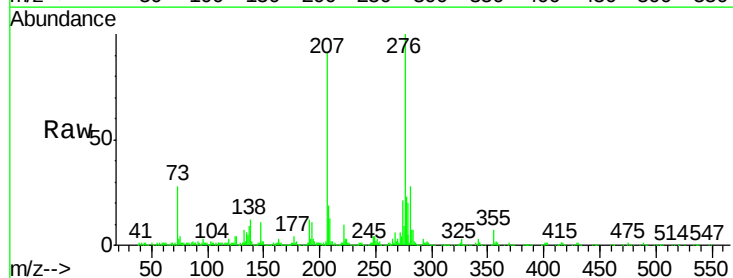
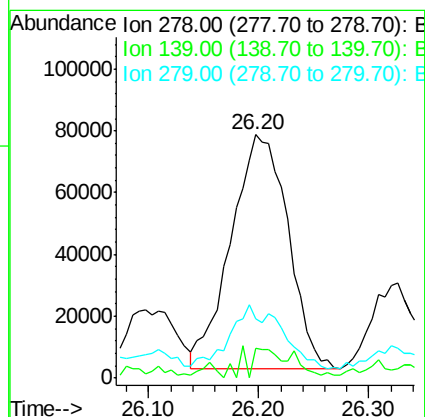
Tgt Ion:278 Resp: 274571

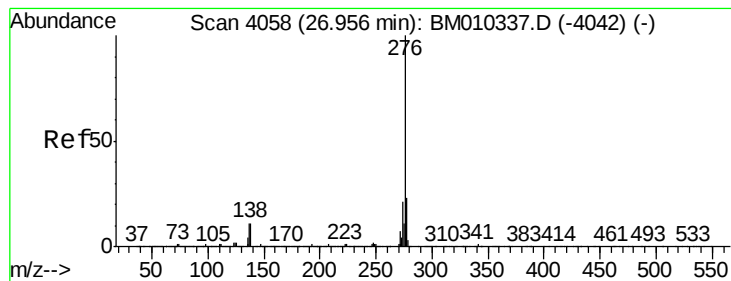
Ion Ratio Lower Upper

278 100

139 12.1 5.8 8.8#

279 24.4 18.6 27.8





#91

Benzo(g,h,i)perylene

Concen: 7.58 ng/ul

RT: 26.94 min Scan# 4056

Delta R.T. -0.01 min

Lab File: BM010341.D

Acq: 31 May 2017 20:44

Instrument :

BNA_M

ClientSampleId :

C0AA1

Tgt Ion: 276 Resp: 1094275

Ion Ratio Lower Upper

276 100

138 12.5 8.5 12.7

277 21.0 18.6 28.0

Manual Integrations
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mohammad

6/1/2017 3:01:41 PM

