

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014768.D
 Acq On : 20 Apr 2018 18:06
 Operator : SJ/JU
 Sample : J2434-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Manual Integrations
 APPROVED

Sohil
 4/23/2018 3:40:31 PM

Quant Time: Apr 21 00:05:48 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 23:53:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	314582	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1300589	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	684841	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1457214	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1447253	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1533457	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.68	96	26806m	3.72	ng/uL	0.00
5) Phenol-d5	7.66	99	480538	19.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	370626	23.77	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	433565	21.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	296495	15.29	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	216620	23.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	218833	23.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	406229	21.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	457225	24.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1261611	23.60	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1628752	24.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	127042	12.80	ng/ul	0.00
57) Fluorene-d10	16.12	176	1092421	23.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	69215	8.78	ng/ul	0.00
70) Anthracene-d10	17.95	188	1621735	23.88	ng/ul	0.00
76) Pyrene-d10	20.19	212	1715849	25.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	1704759	22.63	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.69	94	112059	4.683	ng/ul#	79
44) Dimethylphthalate	14.58	163	366513	7.092	ng/ul	98
69) Phenanthrene	17.90	178	479297	6.125	ng/ul	98
72) Carbazole	18.24	167	101919	1.504	ng/ul	98
74) Fluoranthene	19.86	202	2479623	29.062	ng/ul#	84
77) Pyrene	20.22	202	2740320	32.407	ng/ul#	78
80) Benzo(a)anthracene	21.93	228	2349866	27.766	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.80	149	65284	1.289	ng/ul#	95
82) Chrysene	21.98	228	2684368	33.881	ng/ul	97
85) Benzo(b)fluoranthene	23.68	252	5085531	56.258	ng/ul#	95
86) Benzo(k)fluoranthene	23.72	252	1856561m	21.358	ng/ul	
88) Benzo(a)pyrene	24.33	252	3978608	46.399	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.03	276	3039473	29.301	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.03	278	781121	8.943	ng/ul#	93
91) Benzo(g,h,i)perylene	27.84	276	3168468	37.128	ng/ul#	89

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

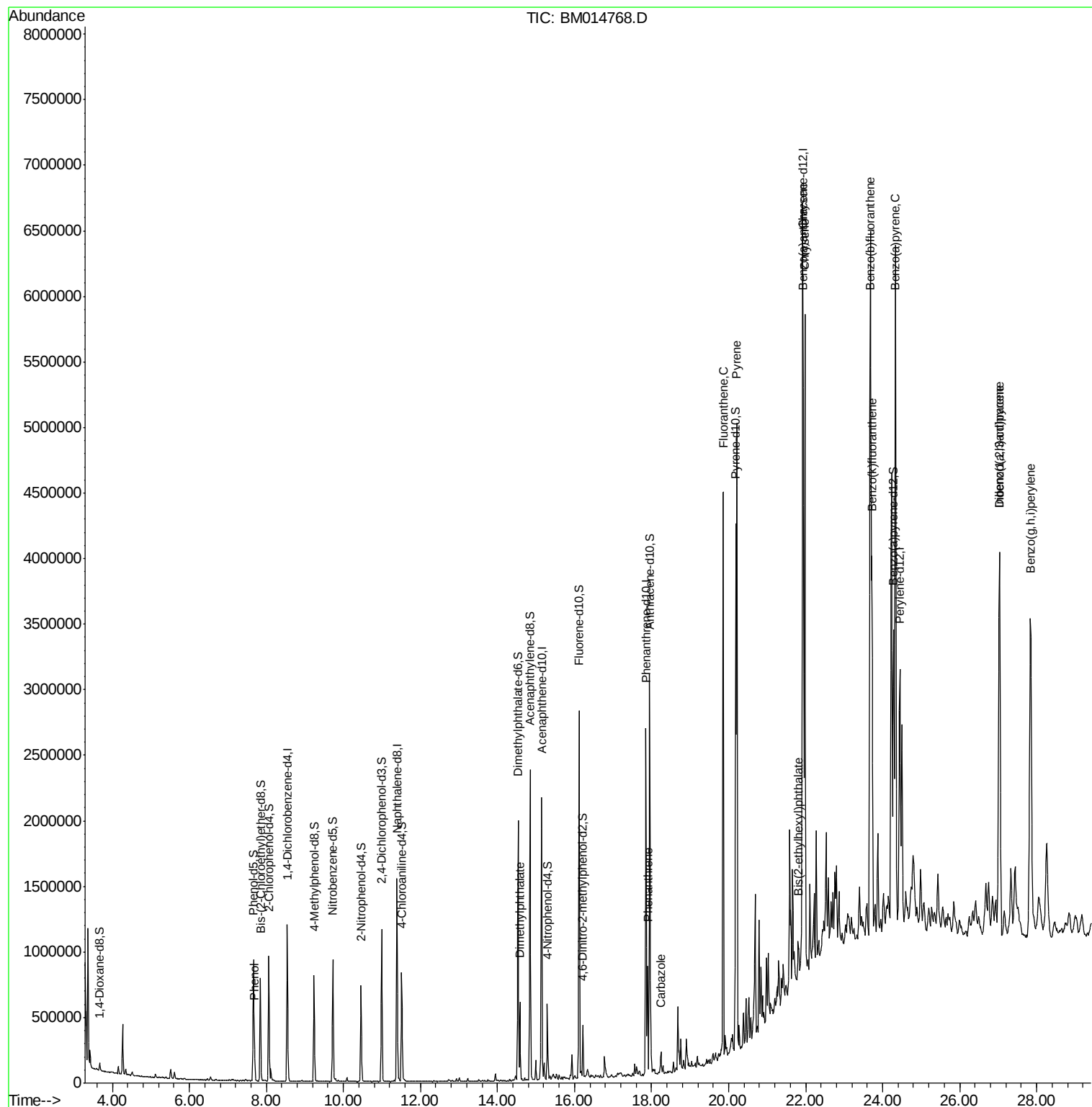
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014768.D
Acq On : 20 Apr 2018 18:06
Operator : SJ/JU
Sample : J2434-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

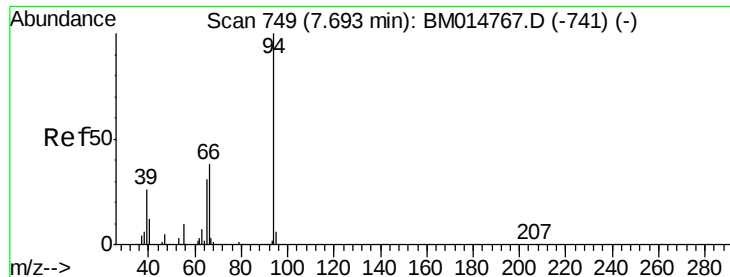
Instrument :
BNA_M
ClientSampled :
C0AD1

Quant Time: Apr 21 00:05:48 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 23:53:34 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 4.683 ng/ul

RT: 7.69 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

Instrument :

BNA_M

ClientSampleId :

C0AD1

Tot Ion: 94 Resp: 112059

Ion Ratio Lower Upper

94 100

65 30.0 28.2 42.4

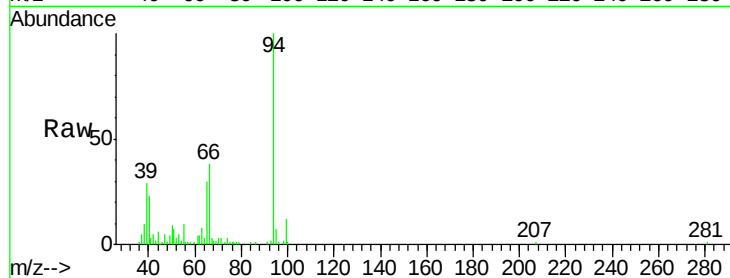
66 37.8 47.2 70.8#

Manual Integrations

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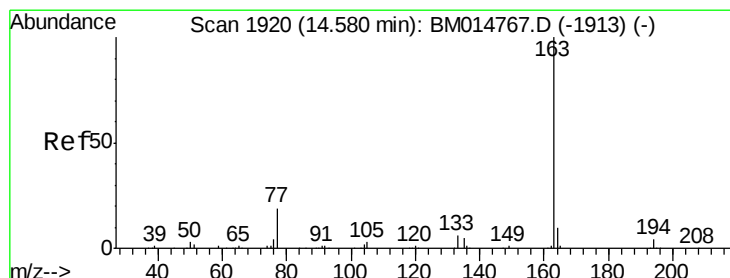
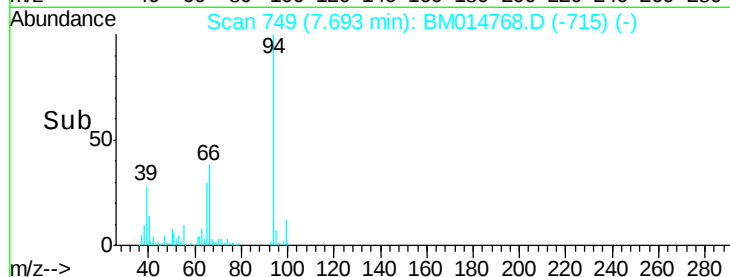
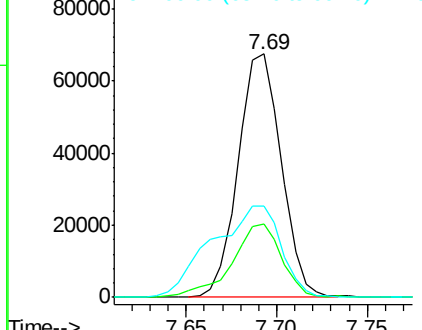
4/23/2018 3:40:31 PM



Abundance Ion 94.00 (93.70 to 94.70): BM014768.D (-741) (-)

Ion 65.00 (64.70 to 65.70): BM014768.D (-741) (-)

Ion 66.00 (65.70 to 66.70): BM014768.D (-741) (-)



#44

Dimethylphthalate

Concen: 7.092 ng/ul

RT: 14.58 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

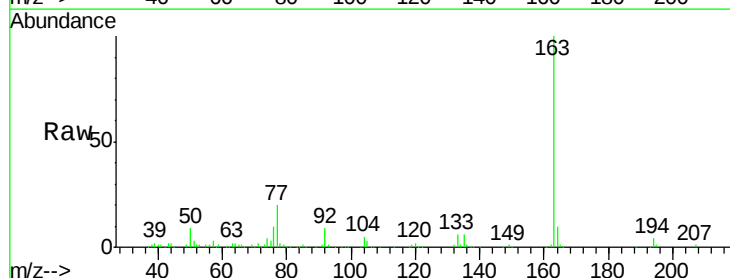
Tgt Ion: 163 Resp: 366513

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

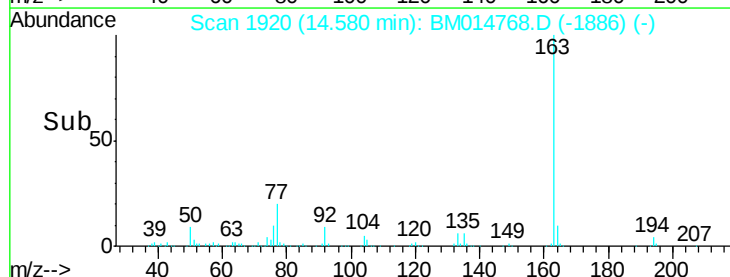
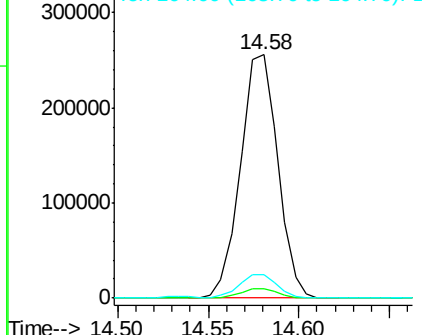
164 9.7 8.2 12.4

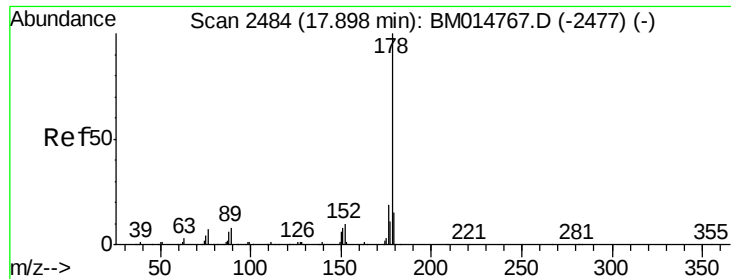


Abundance Ion 163.00 (162.70 to 163.70): BM014768.D (-1886) (-)

Ion 194.00 (193.70 to 194.70): BM014768.D (-1886) (-)

Ion 164.00 (163.70 to 164.70): BM014768.D (-1886) (-)





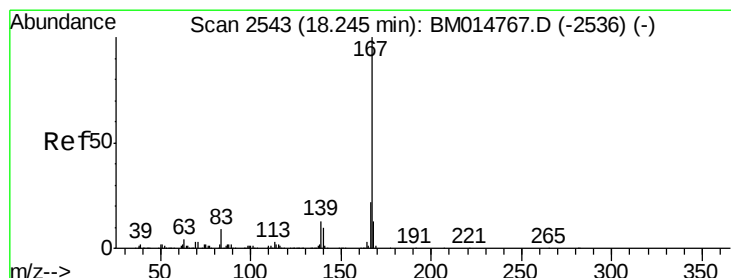
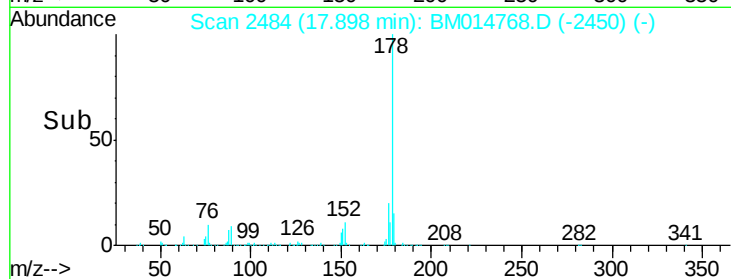
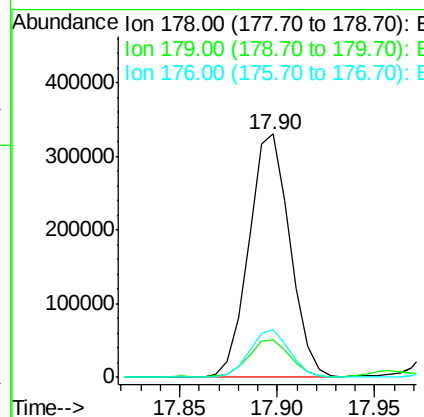
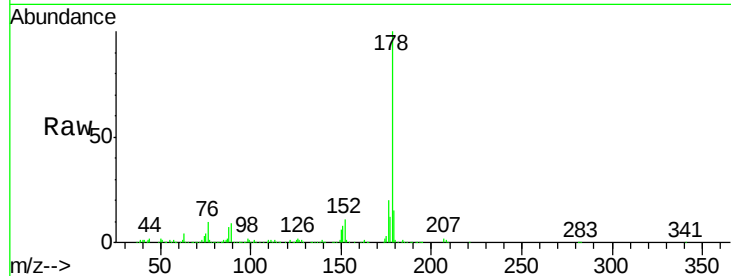
#69
Phenanthrene
Concen: 6.125 ng/ul
RT: 17.90 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BM014768.D
Acq: 20 Apr 2018 18:06

Instrument :
BNA_M
ClientSampleId :
C0AD1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.6	14.9	22.3

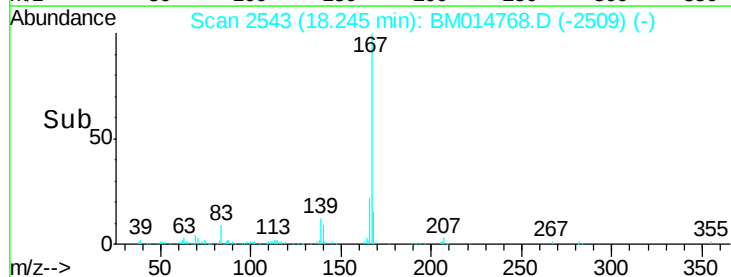
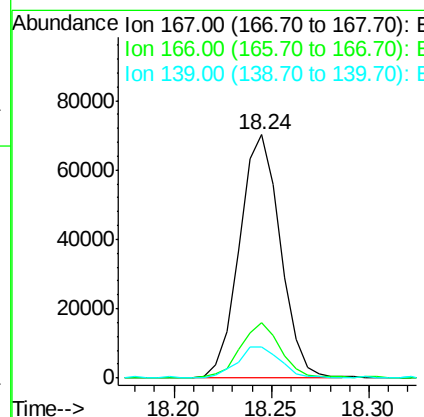
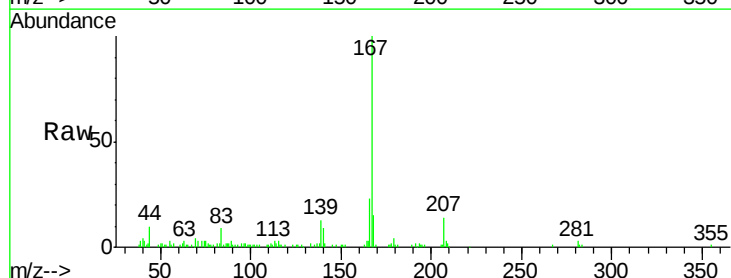
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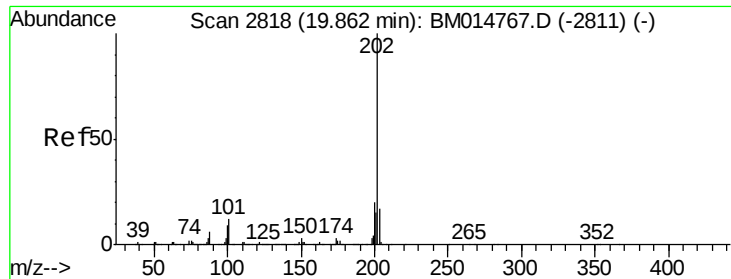
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#72
Carbazole
Concen: 1.504 ng/ul
RT: 18.24 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM014768.D
Acq: 20 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.1	25.7
139	12.8	10.0	15.0





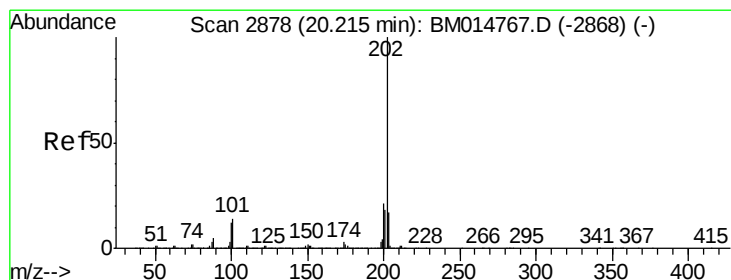
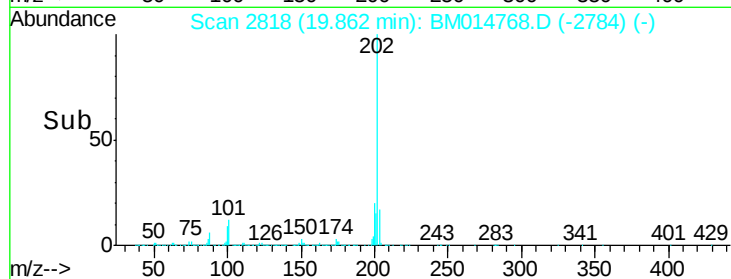
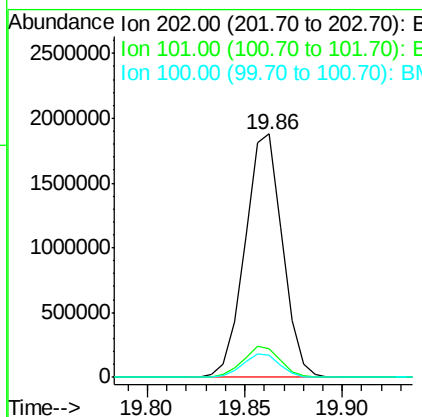
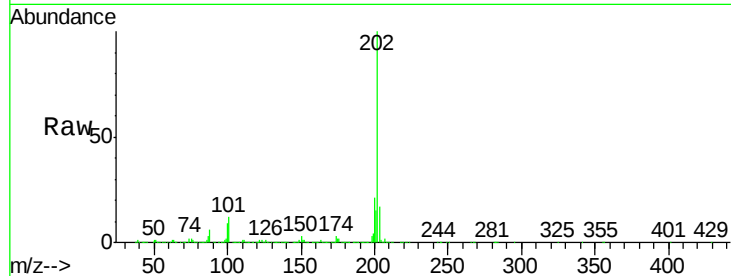
#74
Fluoranthene
Concen: 29.062 ng/ul
RT: 19.86 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BM014768.D
Acq: 20 Apr 2018 18:06

Instrument :
BNA_M
ClientSampled :
C0AD1

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	4.6	7.0#
100	8.9	3.4	5.2#

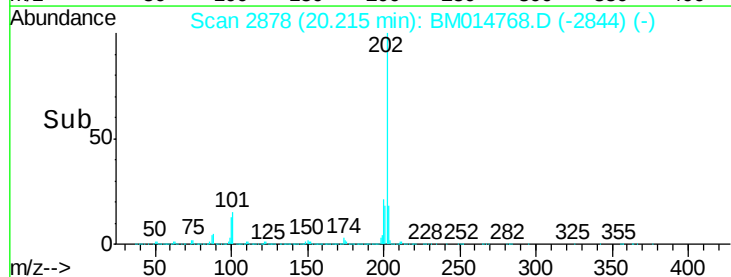
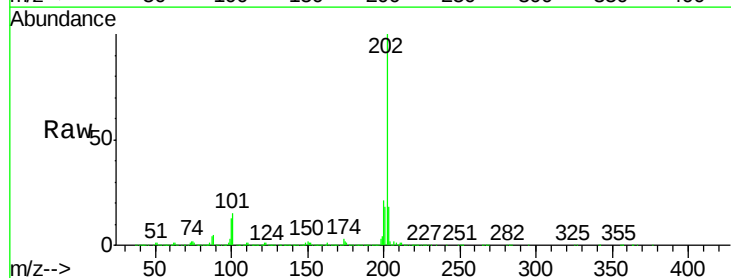
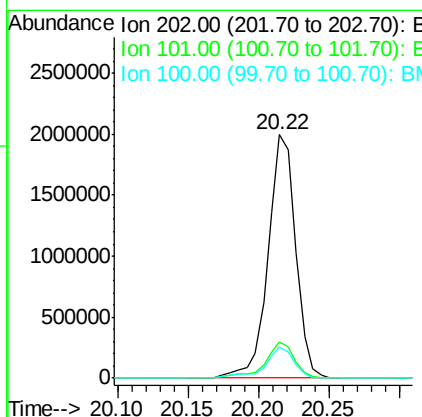
Manual Integrations
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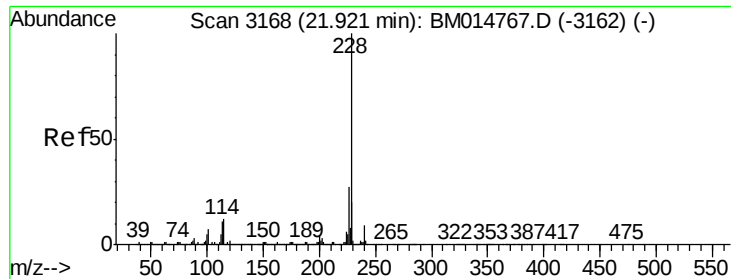
Sohil
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#77
Pyrene
Concen: 32.407 ng/ul
RT: 20.22 min Scan# 2878
Delta R.T. 0.00 min
Lab File: BM014768.D
Acq: 20 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	5.1	7.7#
100	12.5	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 27.766 ng/ul

RT: 21.93 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

Instrument :

BNA_M

ClientSampled :

C0AD1

Tot Ion:228 Resp: 2349866

Ion Ratio Lower Upper

228 100

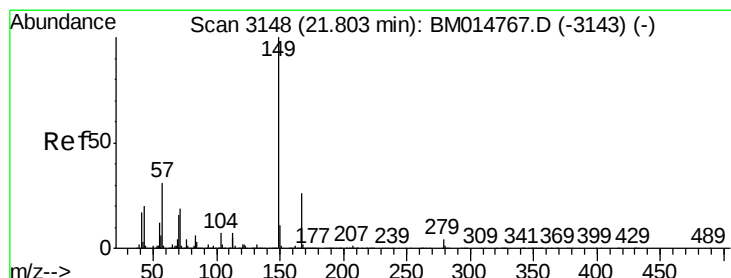
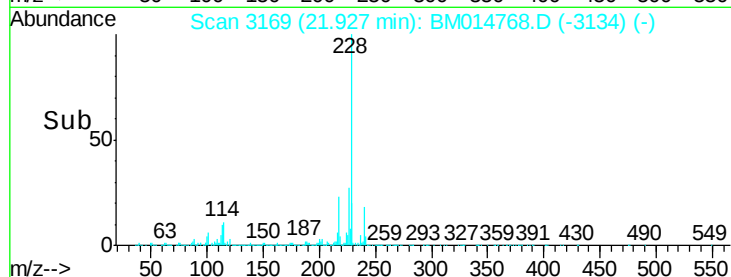
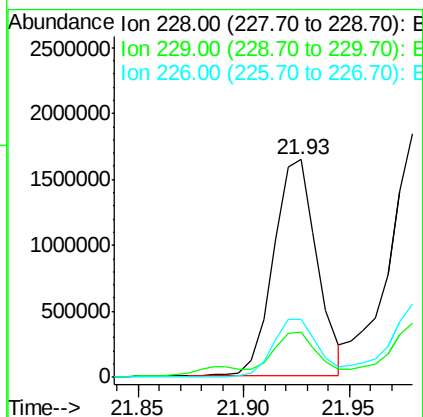
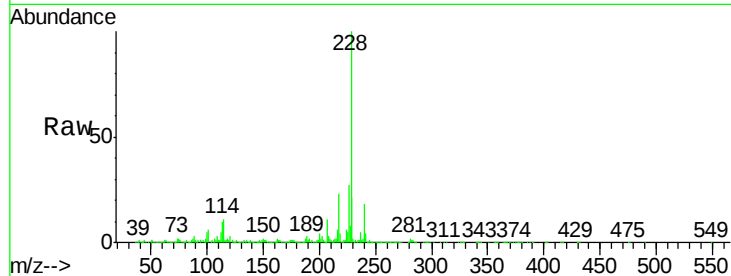
229 20.5 15.4 23.0

226 26.9 21.4 32.0

Manual Integrations
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#81

Bis(2-ethylhexyl)phthalate

Concen: 1.289 ng/ul

RT: 21.80 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

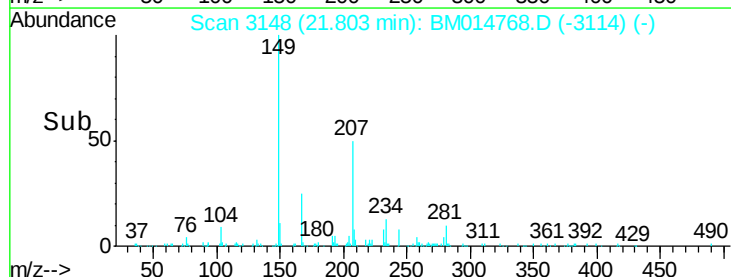
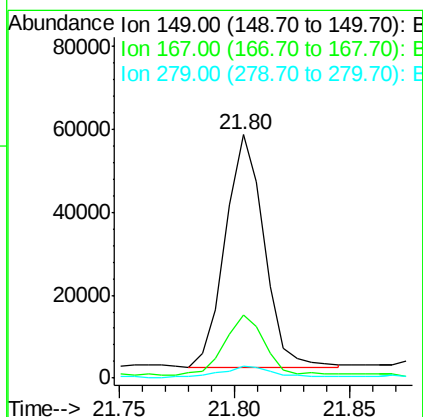
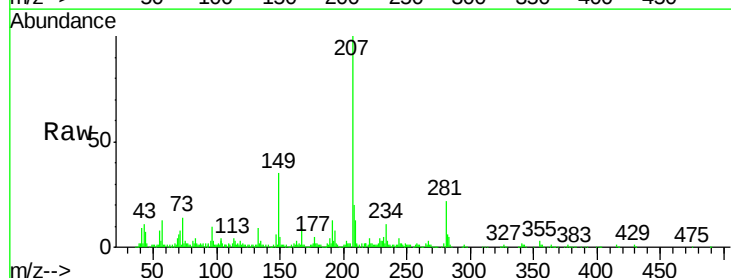
Tgt Ion:149 Resp: 65284

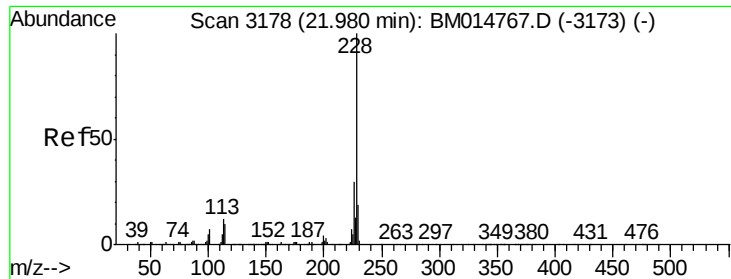
Ion Ratio Lower Upper

149 100

167 25.8 22.8 34.2

279 4.8 4.9 7.3#





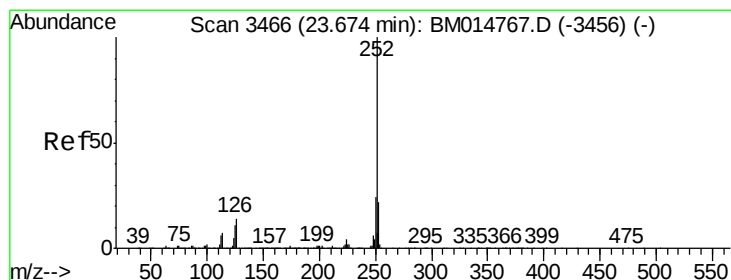
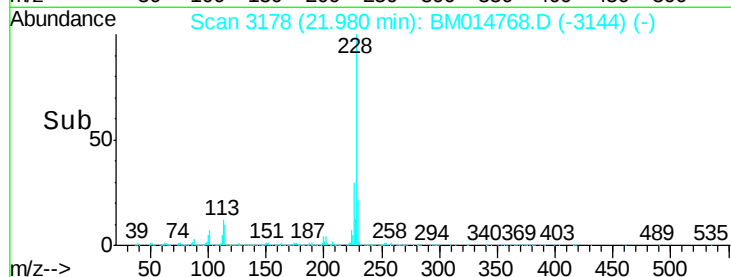
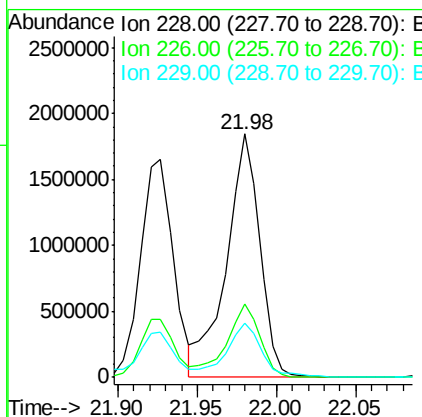
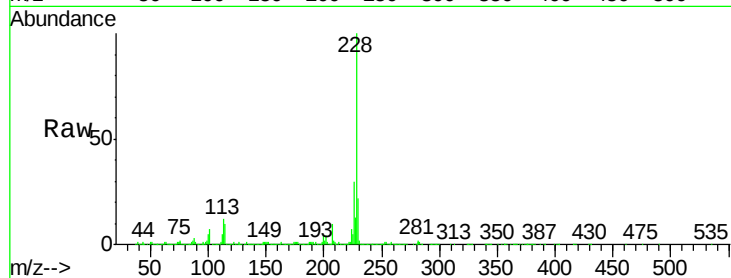
#82
Chrysene
Concen: 33.881 ng/u1
RT: 21.98 min Scan# 3178
Delta R.T. 0.00 min
Lab File: BM014768.D
Acq: 20 Apr 2018 18:06

Instrument :
BNA_M
ClientSampled :
C0AD1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.3	15.5	23.3

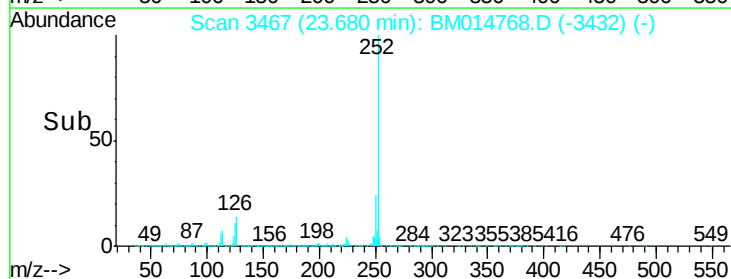
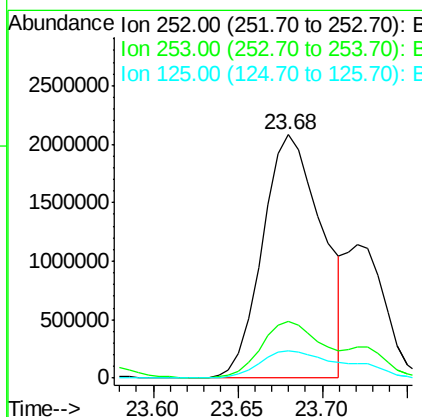
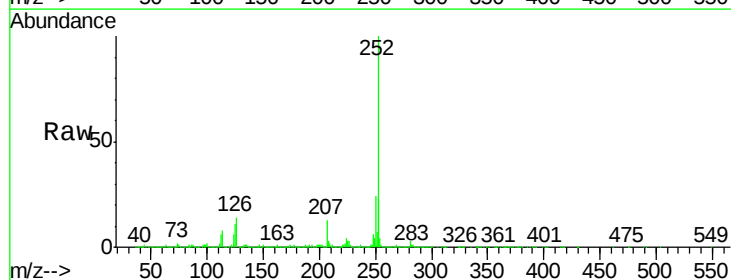
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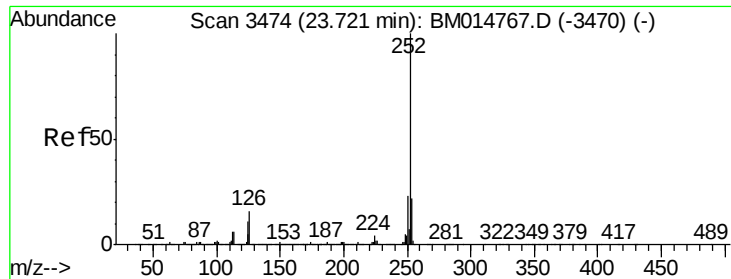
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#85
Benzo(b)fluoranthene
Concen: 56.258 ng/u1
RT: 23.68 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BM014768.D
Acq: 20 Apr 2018 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	11.3	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 21.358 ng/ul

RT: 23.72 min Scan# 3474

Delta R.T. 0.00 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

Instrument :

BNA_M

ClientSampled :

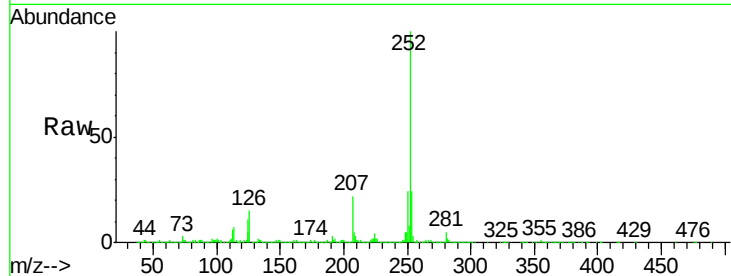
C0AD1

Tot Ion:252 Resp: 1856561

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	11.3	3.4	5.2

Manual Integrations
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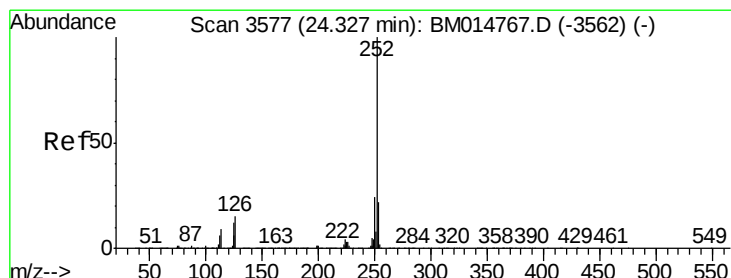
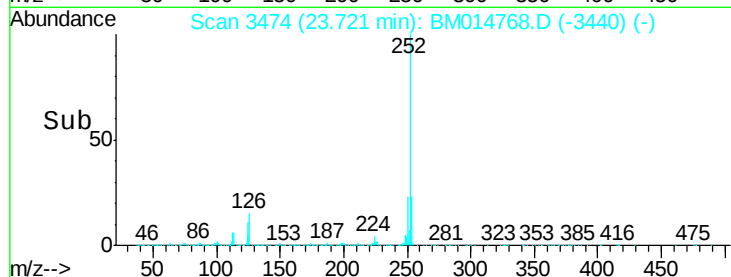
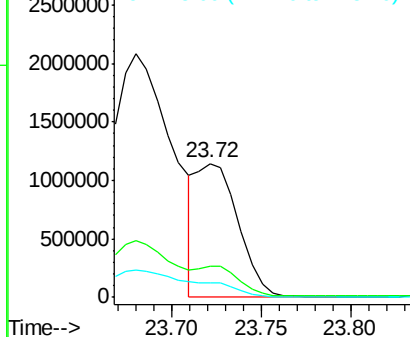
Sohil
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 46.399 ng/ul

RT: 24.33 min Scan# 3578

Delta R.T. 0.01 min

Lab File: BM014768.D

Acq: 20 Apr 2018 18:06

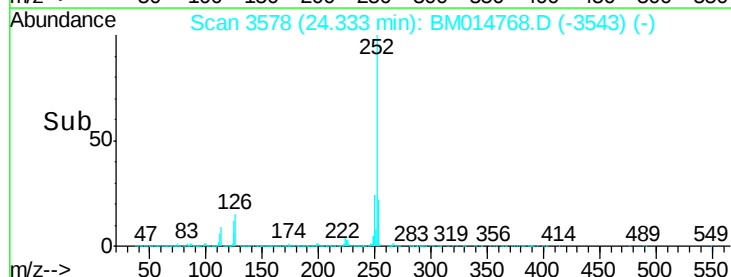
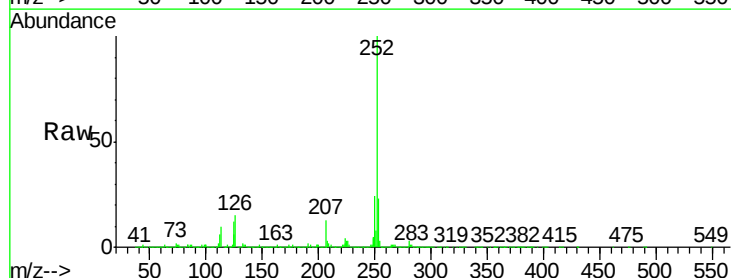
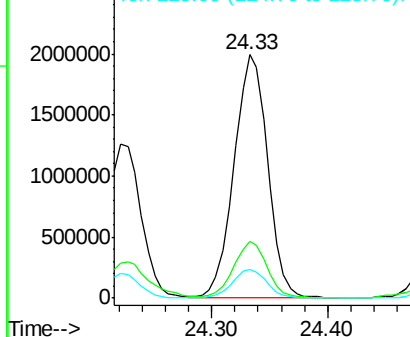
Tgt Ion:252 Resp: 3978608

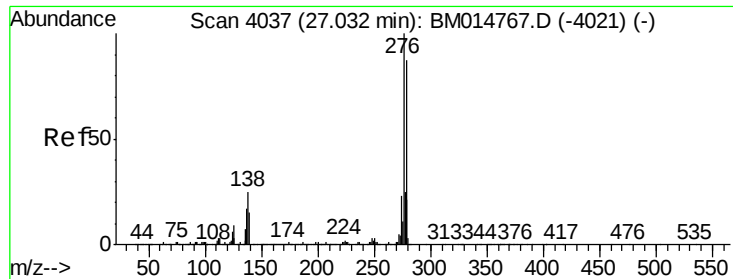
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	11.9	4.0	6.0

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





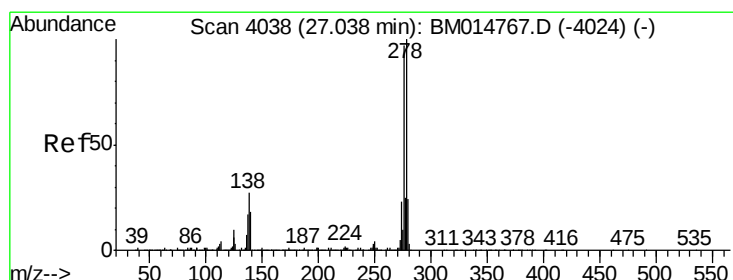
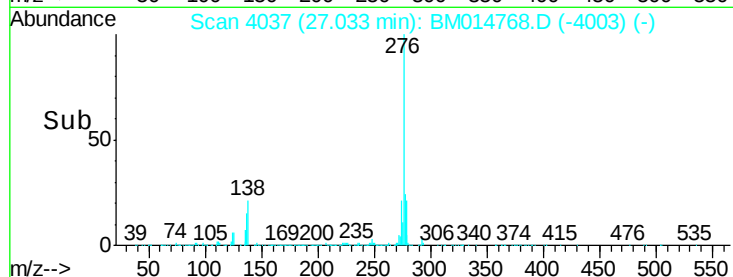
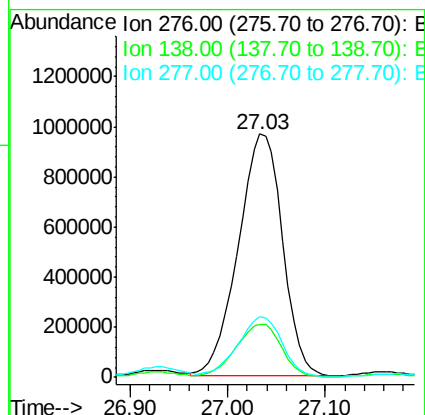
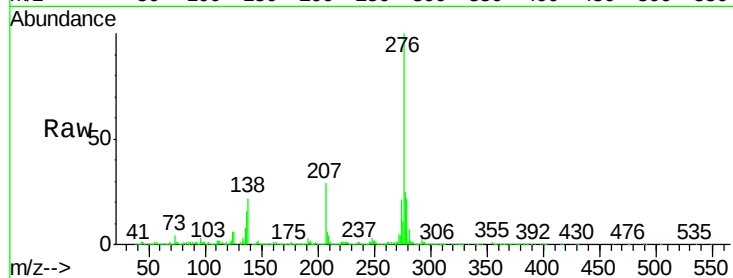
#89
Indeno(1,2,3-cd)pyrene
Concen: 29.301 ng/ul
RT: 27.03 min Scan# 4037
Delta R.T. 0.00 min
Lab File: BM014768.D
Acq: 20 Apr 2018 18:06

Instrument :
BNA_M
ClientSampled :
C0AD1

Tot Ion:276 Resp: 3039473
Ion Ratio Lower Upper
276 100
138 21.8 9.3 13.9#
277 24.6 19.9 29.9

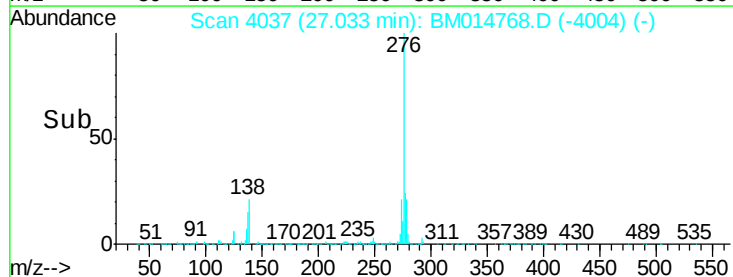
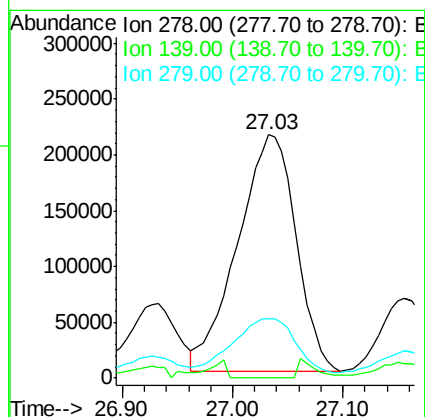
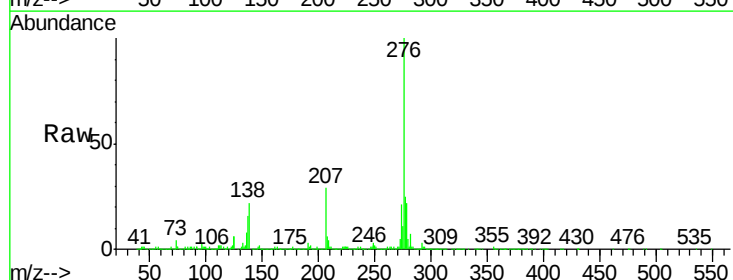
Manual Integrations
APPROVED

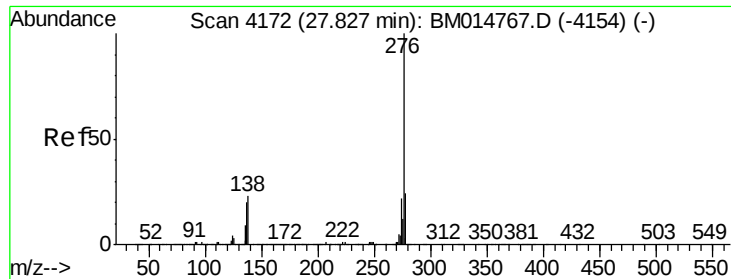
Sohil
4/23/2018 3:40:31 PM



#90
Dibenzo(a,h)anthracene
Concen: 8.943 ng/ul
RT: 27.03 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BM014768.D
Acq: 20 Apr 2018 18:06

Tgt Ion:278 Resp: 781121
Ion Ratio Lower Upper
278 100
139 0.0 5.8 8.8#
279 24.5 18.6 27.8





#91
 Benzo(a,h,i)perylene
 Concen: 37.128 ng/ul
 RT: 27.84 min Scan# 4174
 Delta R.T. 0.01 min
 Lab File: BM014768.D
 Acq: 20 Apr 2018 18:06

Instrument :
 BNA_M
 ClientSampleId :
 C0AD1

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	8.5	12.7#
277	24.0	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 4/23/2018 3:40:31 PM

