

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040620\
 Data File : BM025946.D
 Acq On : 06 Apr 2020 15:03
 Operator : CG/JU
 Sample : L2062-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E05

Manual Integrations
 APPROVED

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 4/7/2020 8:28:34 AM

Quant Time: Apr 06 18:16:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2902	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	13000	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9131	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	21339m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	24940	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	27736	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	5956	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	20537	0.31	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	2219	0.058	ng/ul#	90
5) 2-Methylnaphthalene	12.00	142	935	0.035	ng/ul	95
7) Acenaphthylene	13.92	152	83977	2.151	ng/ul	98
8) Acenaphthene	14.26	153	7023	0.217	ng/ul	98
9) Fluorene	15.26	166	14711	0.366	ng/ul	99
11) Pentachlorophenol	16.61	266	214	0.041	ng/ul#	85
12) Phenanthrene	16.99	178	48150	0.716	ng/ul	99
13) Anthracene	17.08	178	1391671	23.431	ng/ul	99
15) Fluoranthene	19.01	202	2701277	32.519	ng/ul	99
17) Pyrene	19.38	202	3983923	44.603	ng/ul	97
18) Benzo(a)anthracene	21.13	228	2361700	26.491	ng/ul	97
19) Chrysene	21.18	228	4065986	41.787	ng/ul	99
21) Benzo(b)fluoranthene	22.67	252	4351792m	42.634	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	1663779m	15.201	ng/ul	
23) Benzo(a)pyrene	23.21	252	1931765	21.177	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.41	276	748572	6.128	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.41	278	226882	2.225	ng/ul	98
26) Benzo(g,h,i)perylene	26.05	276	419297	4.057	ng/ul	99

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

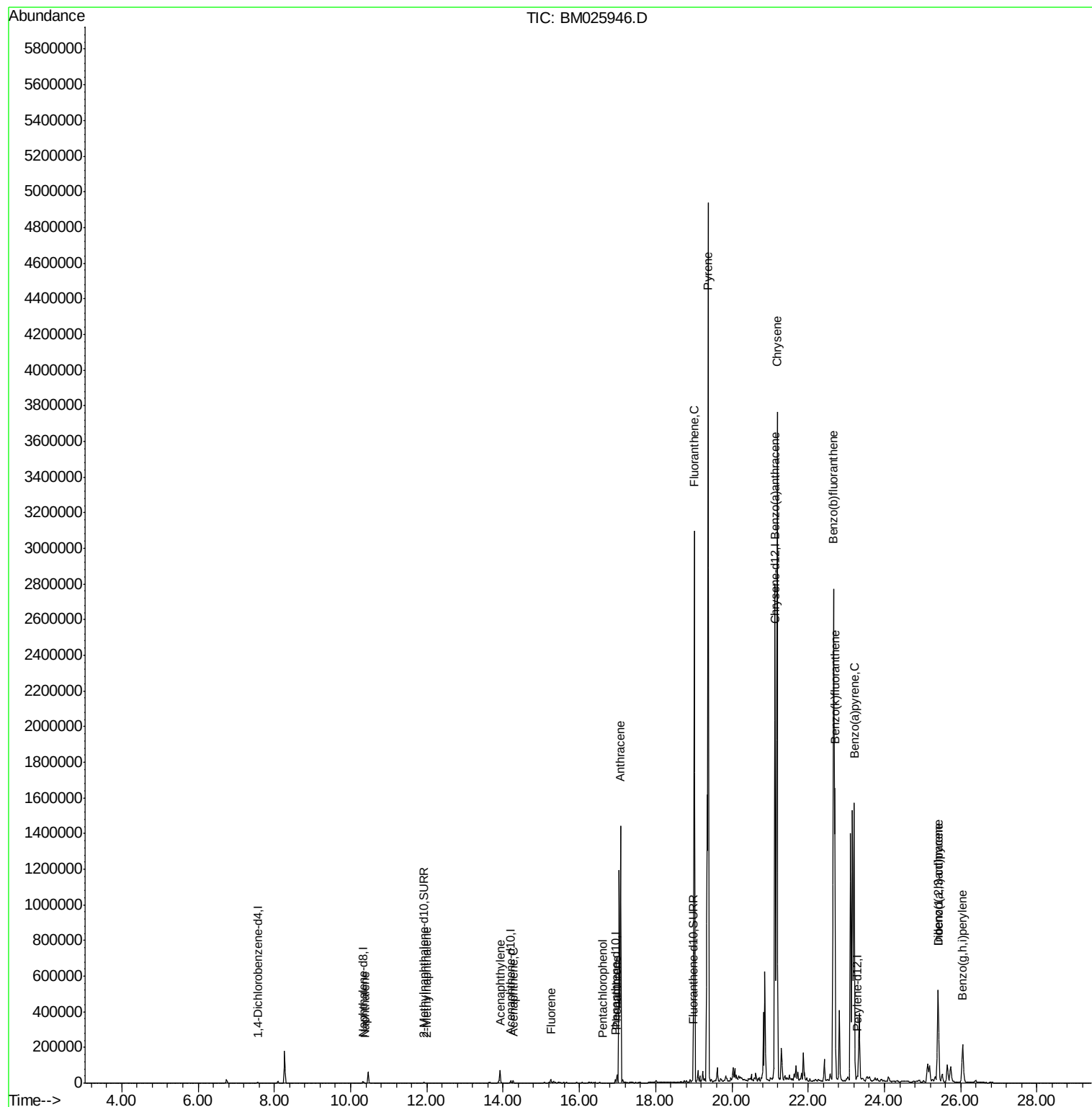
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040620\
Data File : BM025946.D
Acq On : 06 Apr 2020 15:03
Operator : CG/JU
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ALS Vial : 7 Sample Multiplier: 1

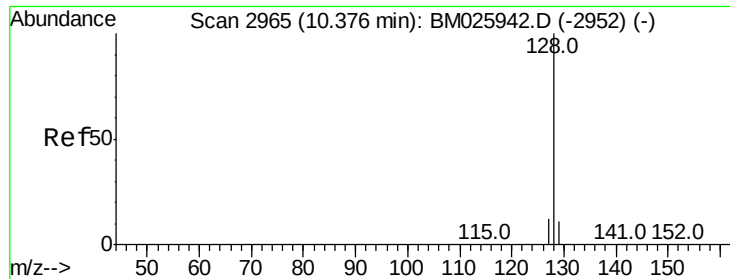
Instrument :
BNA_M
ClientSampleId :
F3E05

Quant Time: Apr 06 18:16:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.058 ng/ul

RT: 10.37 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BM025946.D

Acq: 06 Apr 2020 15:03

Instrument :

BNA_M

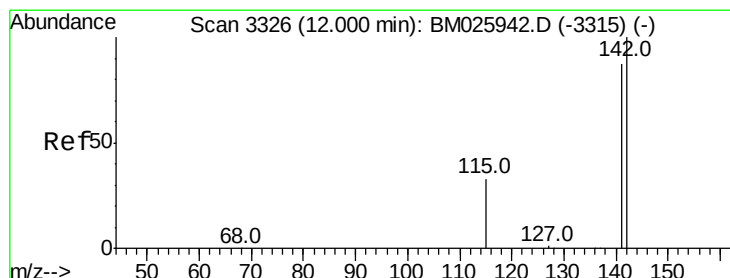
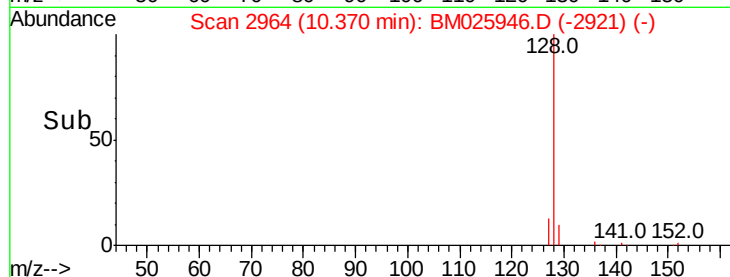
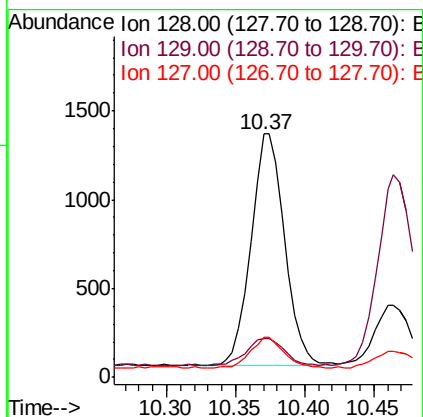
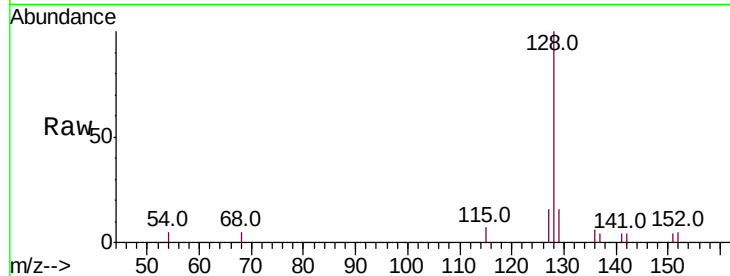
ClientSampleId :

F3E05

Tot Ion:	128	Resp:	2219
Ion Ratio	Lower	Upper	
128	100		
129	16.2	9.1	13.7#
127	16.3	10.7	16.1#

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#5

2-Methylnaphthalene

Concen: 0.035 ng/ul

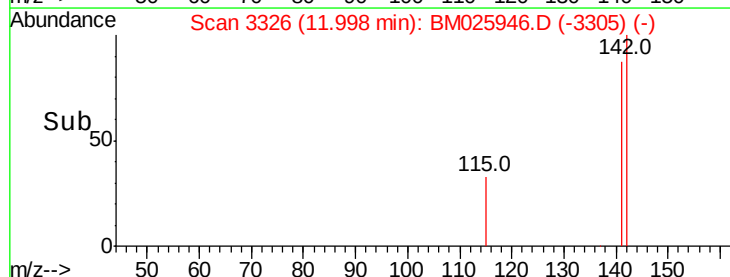
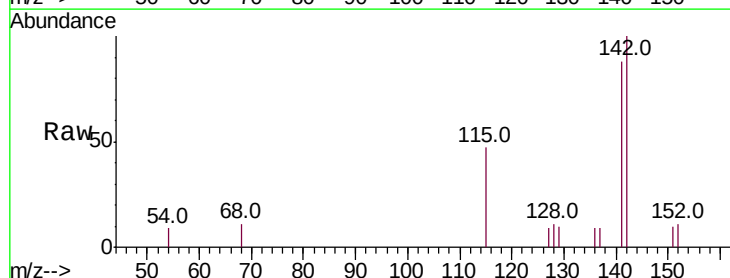
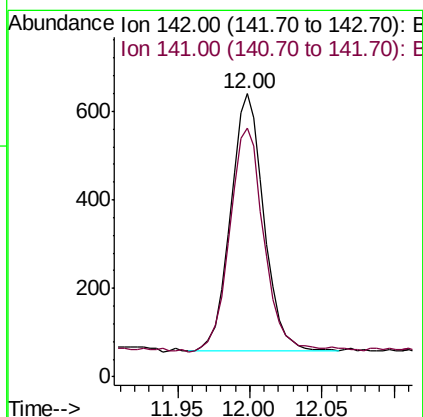
RT: 12.00 min Scan# 3326

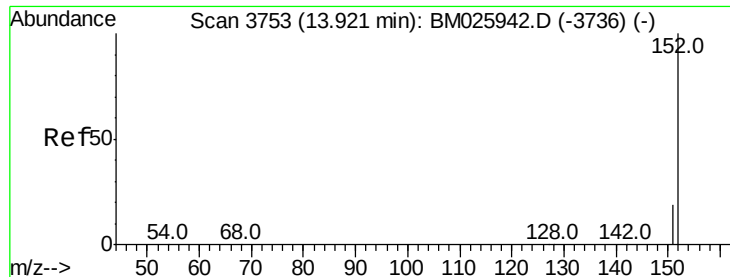
Delta R.T. -0.00 min

Lab File: BM025946.D

Acq: 06 Apr 2020 15:03

Tgt Ion:	142	Resp:	935
Ion Ratio	Lower	Upper	
142	100		
141	91.3	69.0	103.6





#7

Acenaphthylene

Concen: 2.151 ng/ul

RT: 13.92 min Scan# 3753

Delta R.T. -0.00 min

Lab File: BM025946.D

Acq: 06 Apr 2020 15:03

Instrument :

BNA_M

ClientSampleId :

F3E05

Tot Ion:152 Resp: 83977

Ion Ratio Lower Upper

152 100

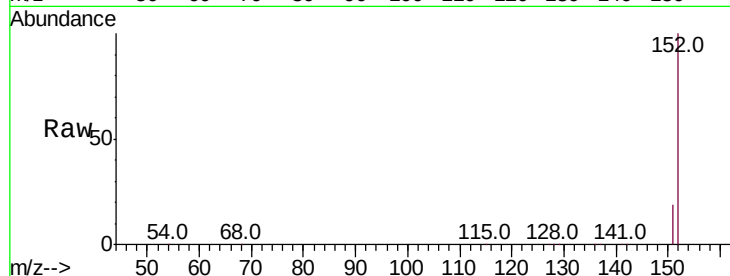
151 19.1 16.1 24.1

153 0.0 0.0 0.0

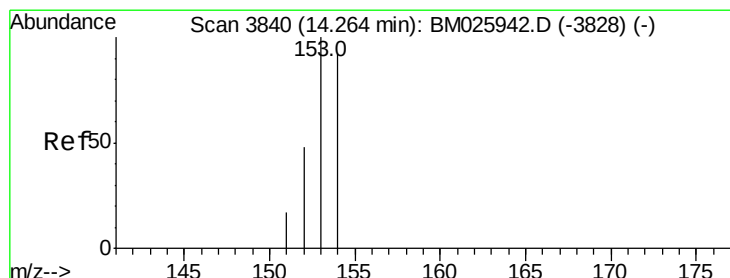
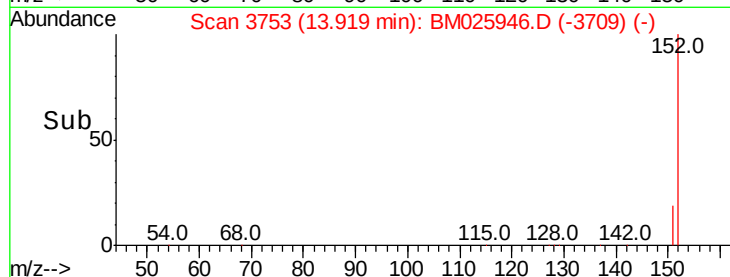
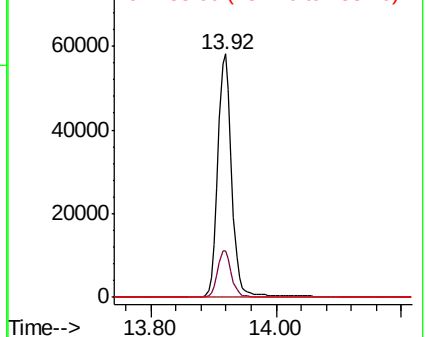
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.217 ng/ul

RT: 14.26 min Scan# 3840

Delta R.T. -0.00 min

Lab File: BM025946.D

Acq: 06 Apr 2020 15:03

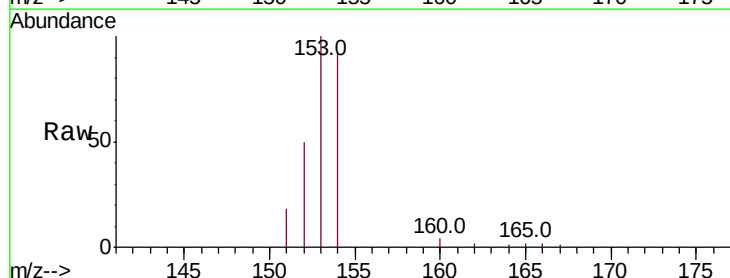
Tgt Ion:153 Resp: 7023

Ion Ratio Lower Upper

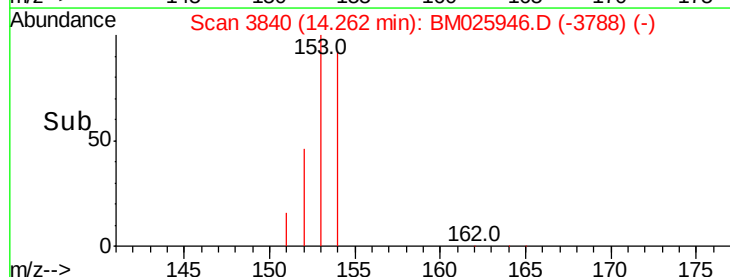
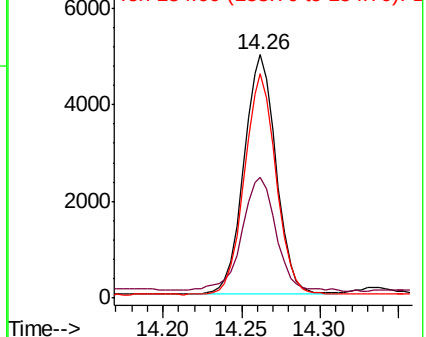
153 100

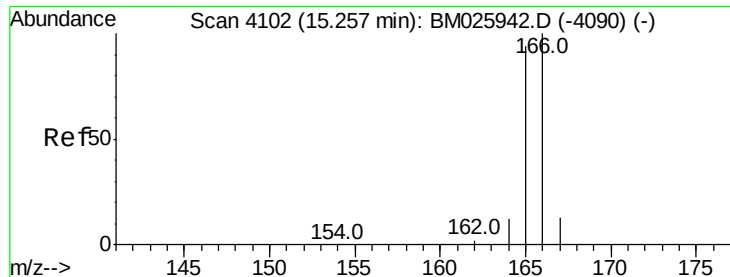
152 49.8 38.8 58.2

154 92.1 71.9 107.9



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





#9

Fluorene

Concen: 0.366 ng/ul

RT: 15.26 min Scan# 4102

Delta R.T. -0.00 min

Lab File: BM025946.D

Acq: 06 Apr 2020 15:03

Instrument :

BNA_M

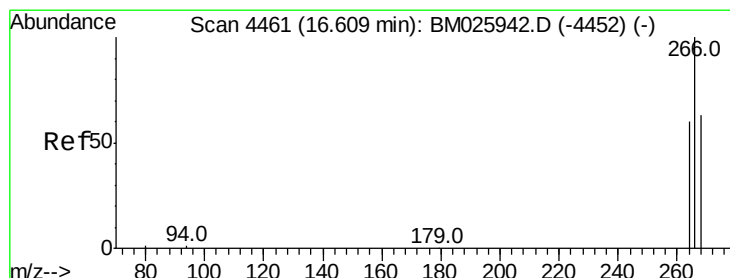
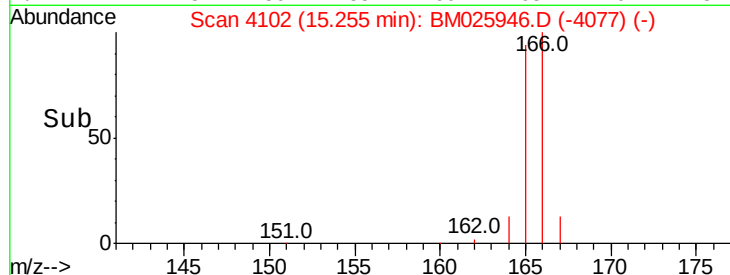
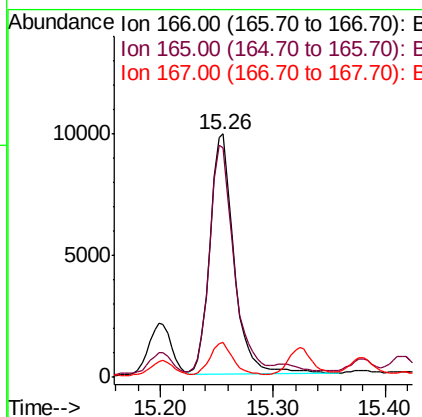
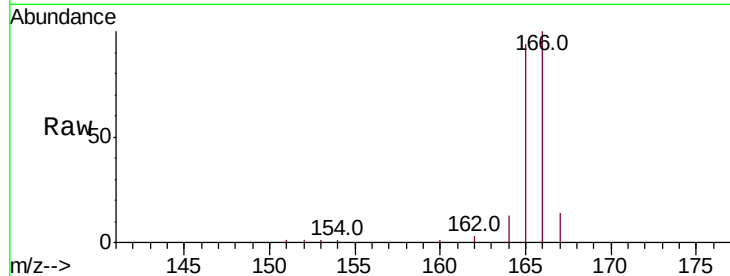
ClientSampleId :

F3E05

Tot Ion:166	Resp:	14711
Ion Ratio	Lower	Upper
166	100	
165	94.4	76.6 115.0
167	14.2	11.4 17.0

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#11

Pentachlorophenol

Concen: 0.041 ng/ul

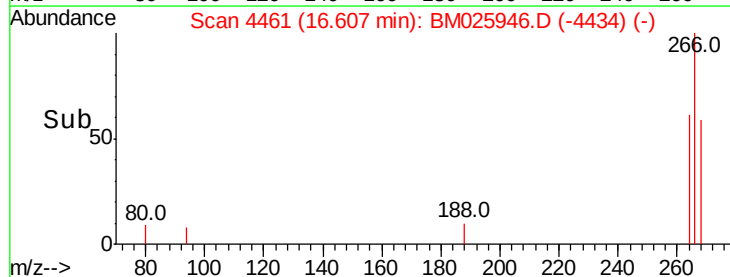
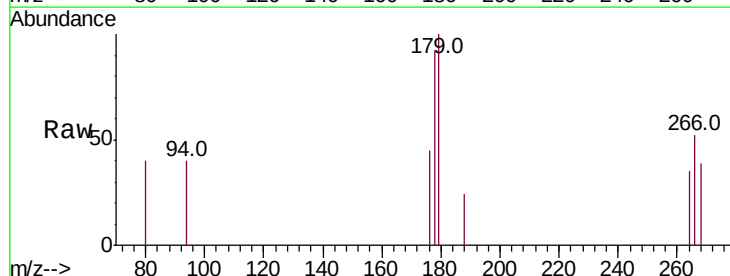
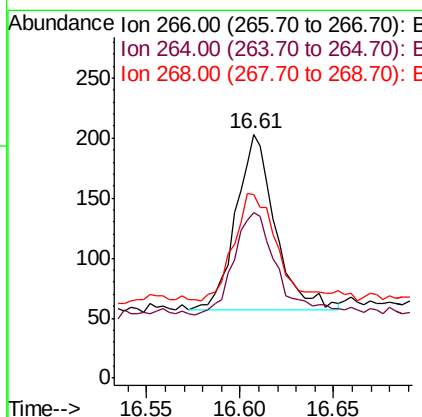
RT: 16.61 min Scan# 4461

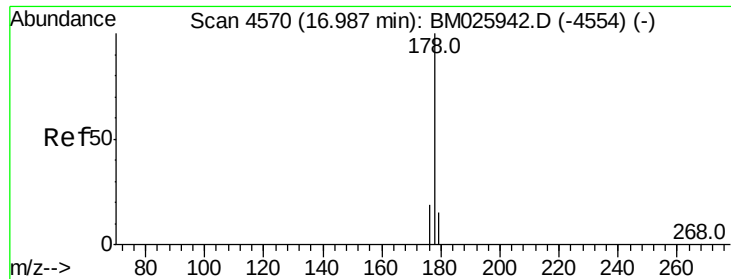
Delta R.T. -0.01 min

Lab File: BM025946.D

Acq: 06 Apr 2020 15:03

Tgt Ion:266	Resp:	214
Ion Ratio	Lower	Upper
266	100	
264	69.2	48.4 72.6
268	75.2	48.7 73.1#





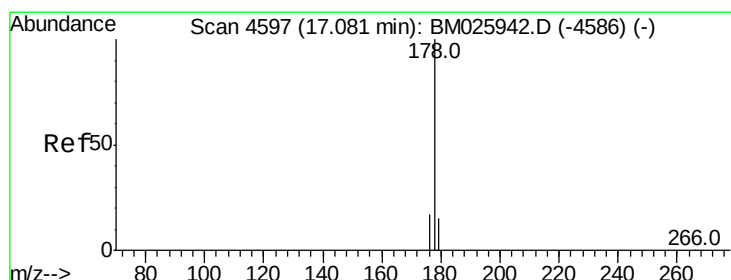
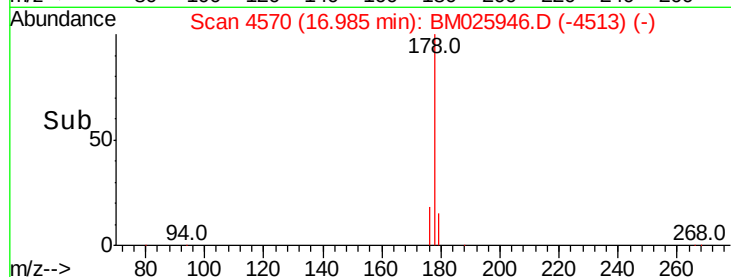
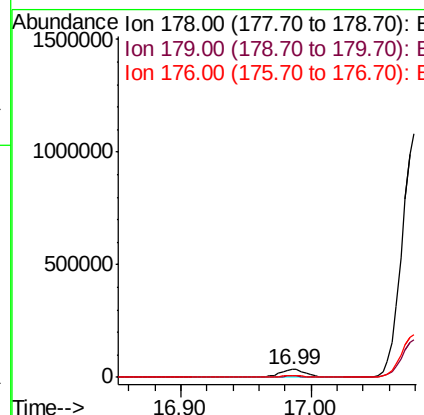
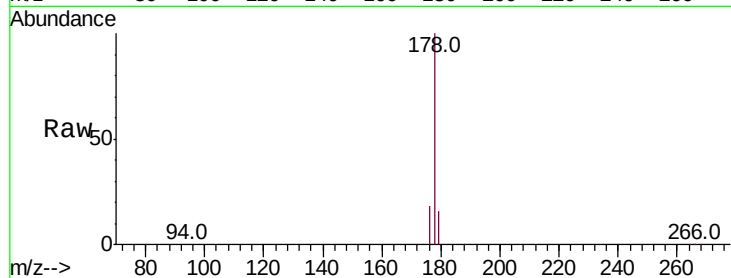
#12
Phenanthrene
Concen: 0.716 ng/ul
RT: 16.99 min Scan# 4570
Delta R.T. -0.00 min
Lab File: BM025946.D
Acq: 06 Apr 2020 15:03

Instrument :
BNA_M
ClientSampled :
F3E05

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	18.1	15.1	22.7

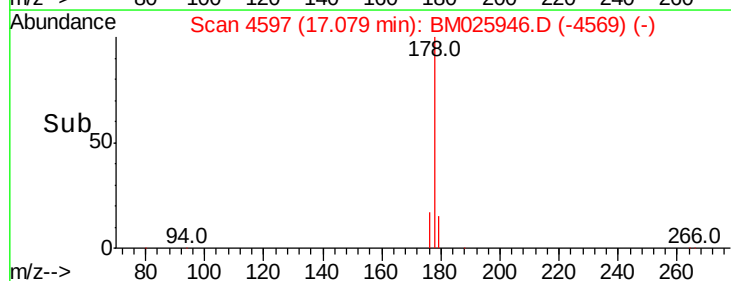
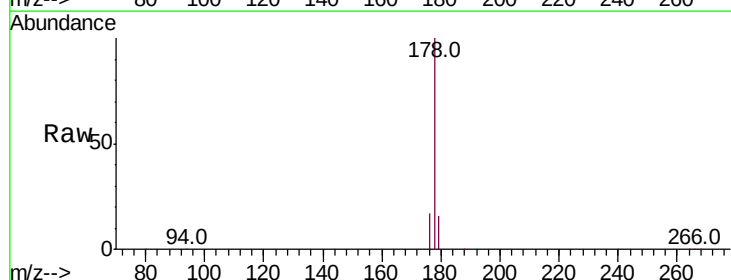
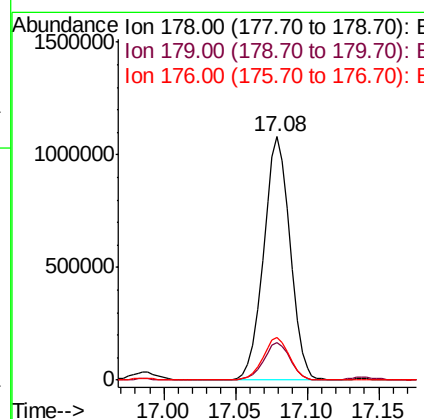
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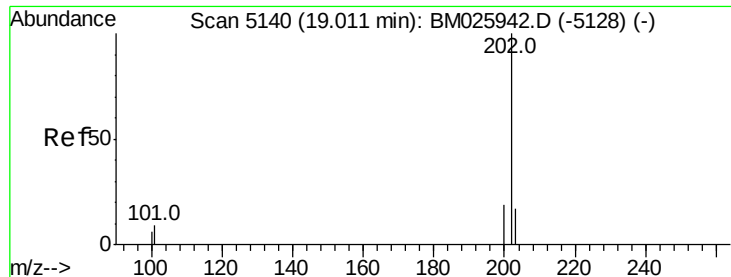
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#13
Anthracene
Concen: 23.431 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BM025946.D
Acq: 06 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	17.4	14.5	21.7





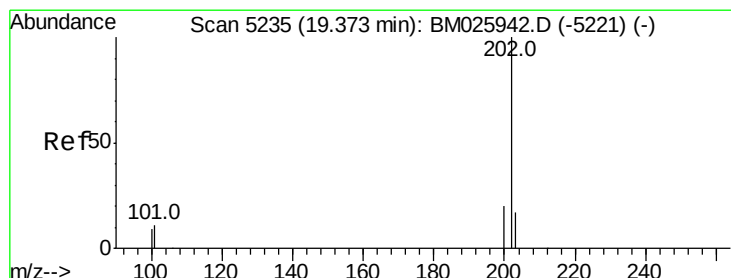
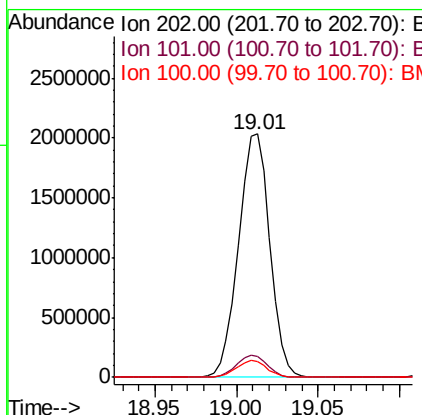
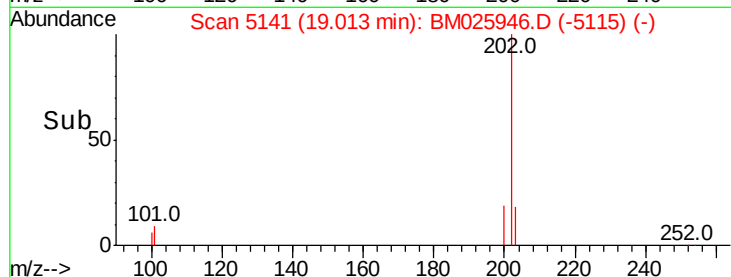
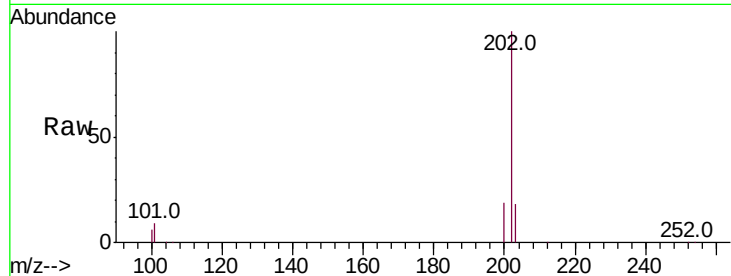
#15
Fluoranthene
Concen: 32.519 ng/ul
RT: 19.01 min Scan# 5141
Delta R.T. 0.00 min
Lab File: BM025946.D
Acq: 06 Apr 2020 15:03

Instrument :
BNA_M
ClientSampled :
F3E05

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	28.6
100	6.5	0.0	27.0

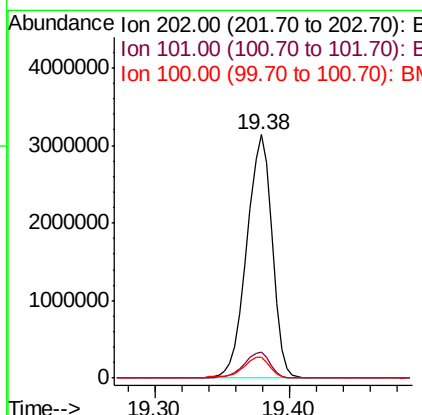
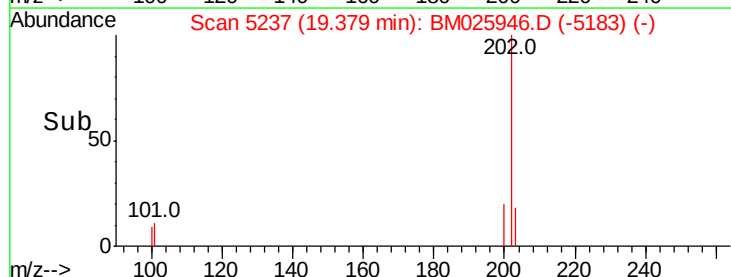
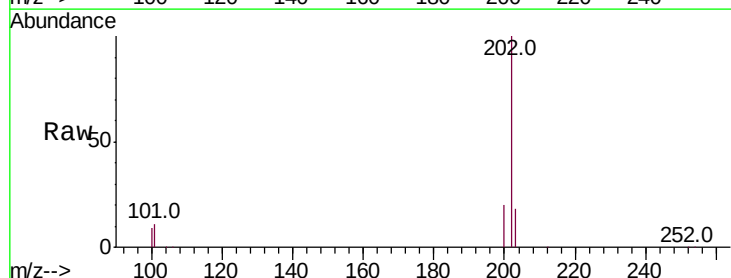
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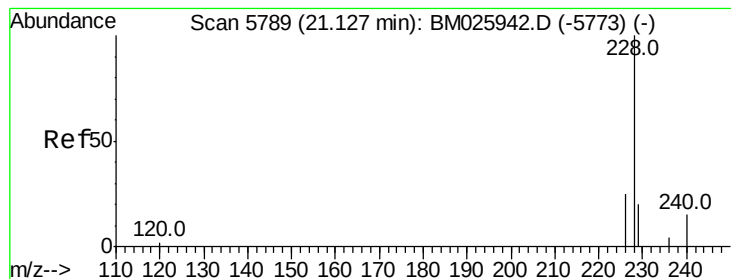
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#17
Pyrene
Concen: 44.603 ng/ul
RT: 19.38 min Scan# 5237
Delta R.T. 0.00 min
Lab File: BM025946.D
Acq: 06 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.5	11.3
100	8.6	6.3	9.5





#18

Benzo(a)anthracene

Concen: 26.491 ng/ul

RT: 21.13 min Scan# 5791

Delta R.T. 0.00 min

Lab File: BM025946.D

Acq: 06 Apr 2020 15:03

Instrument :

BNA_M

ClientSampleId :

F3E05

Tot Ion:228 Resp: 2361700

Ion Ratio Lower Upper

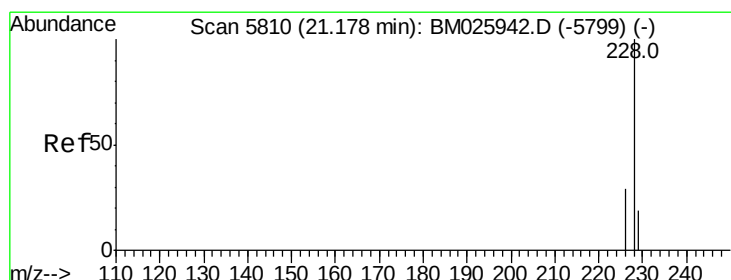
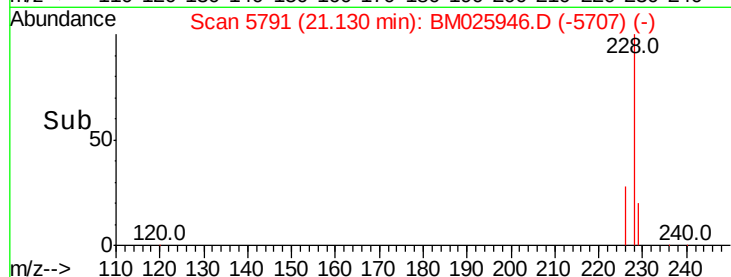
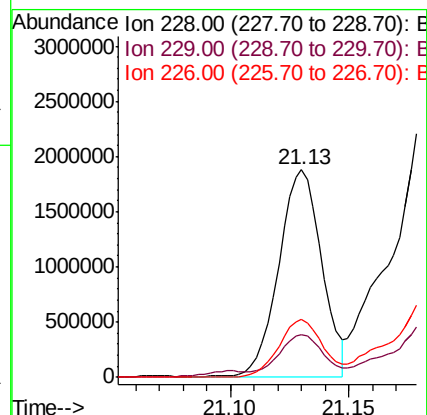
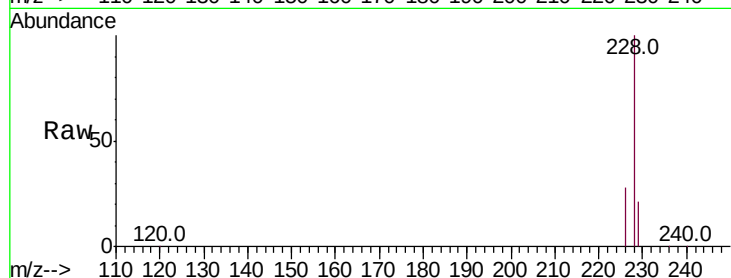
228 100

229 20.7 15.8 23.8

226 27.8 20.9 31.3

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#19

Chrysene

Concen: 41.787 ng/ul

RT: 21.18 min Scan# 5813

Delta R.T. 0.01 min

Lab File: BM025946.D

Acq: 06 Apr 2020 15:03

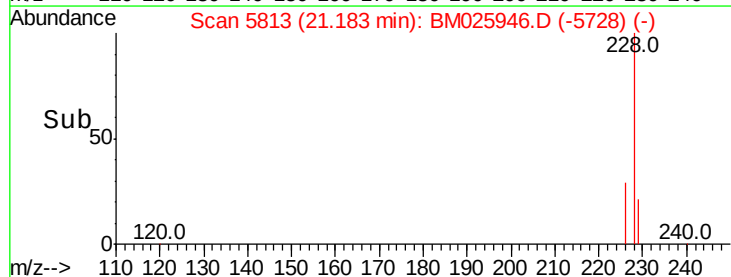
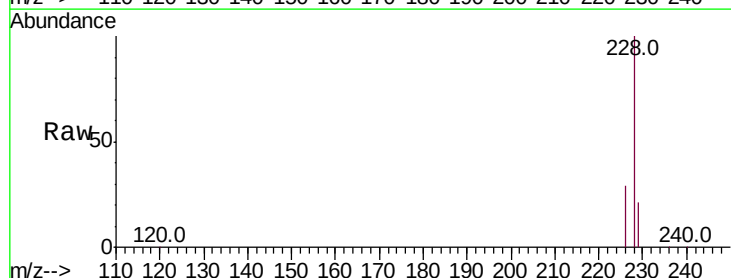
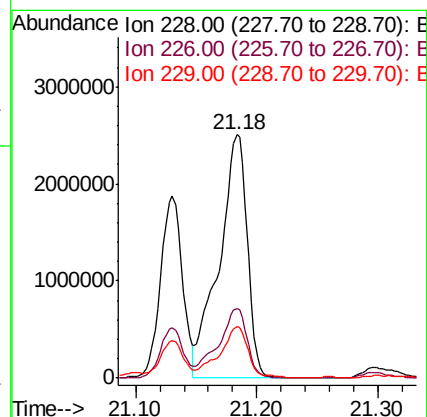
Tgt Ion:228 Resp: 4065986

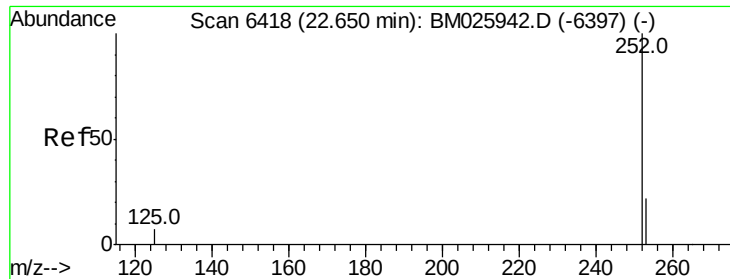
Ion Ratio Lower Upper

228 100

226 28.8 22.9 34.3

229 21.2 15.8 23.8





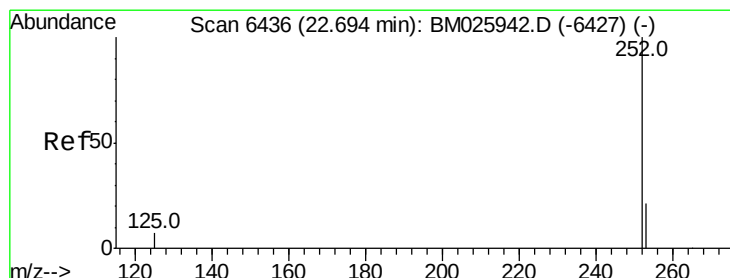
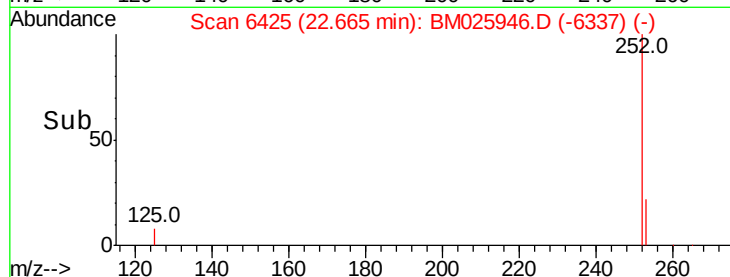
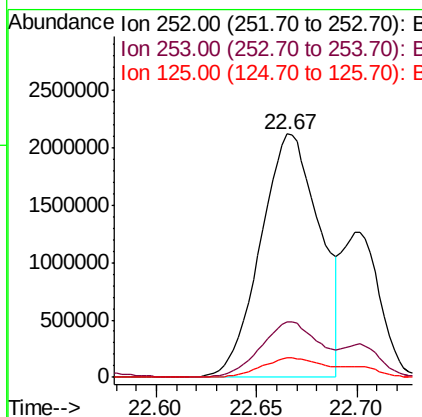
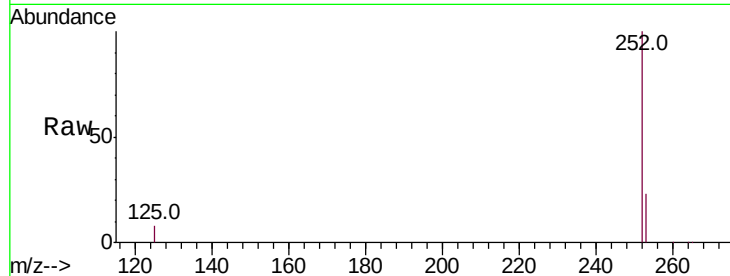
#21
Benzo(b)fluoranthene
Concen: 42.634 ng/ul m
RT: 22.67 min Scan# 6425
Delta R.T. 0.01 min
Lab File: BM025946.D
Acq: 06 Apr 2020 15:03

Instrument :
BNA_M
ClientSampleId :
F3E05

Tot Ion:252 Resp: 4351792
Ion Ratio Lower Upper
252 100
253 22.6 0.0 46.6
125 7.8 0.0 15.4

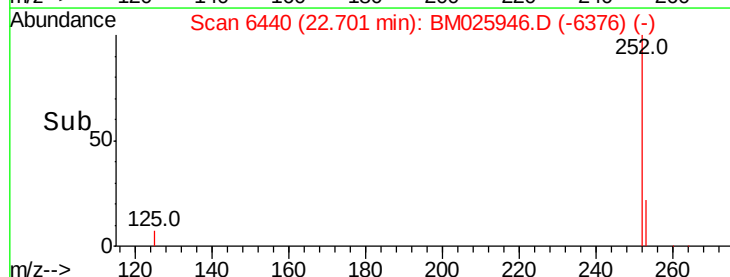
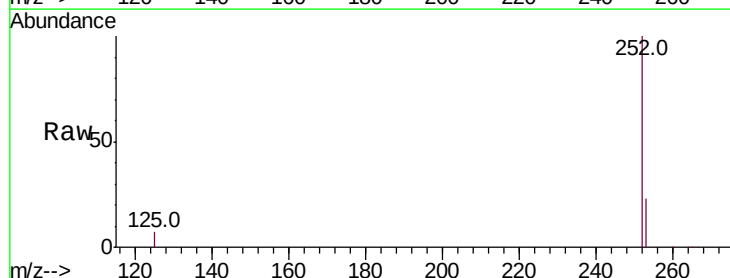
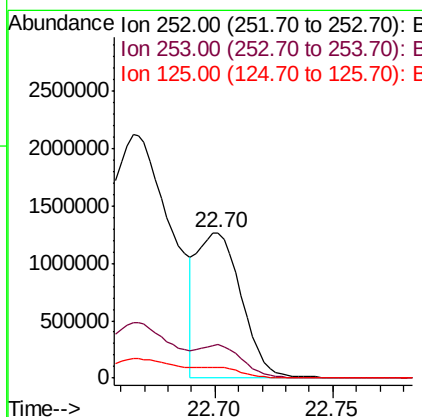
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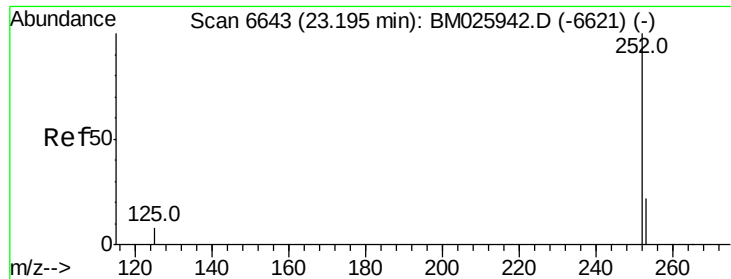
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#22
Benzo(k)fluoranthene
Concen: 15.201 ng/ul m
RT: 22.70 min Scan# 6440
Delta R.T. 0.01 min
Lab File: BM025946.D
Acq: 06 Apr 2020 15:03

Tgt Ion:252 Resp: 1663779
Ion Ratio Lower Upper
252 100
253 22.8 19.0 28.4
125 7.4 6.7 10.1





#23

Benzo(a)pyrene

Concen: 21.177 ng/ul

RT: 23.21 min Scan# 6648

Delta R.T. 0.01 min

Lab File: BM025946.D

Acq: 06 Apr 2020 15:03

Instrument :

BNA_M

ClientSampleId :

F3E05

Tot Ion:252 Resp: 1931765

Ion Ratio Lower Upper

252 100

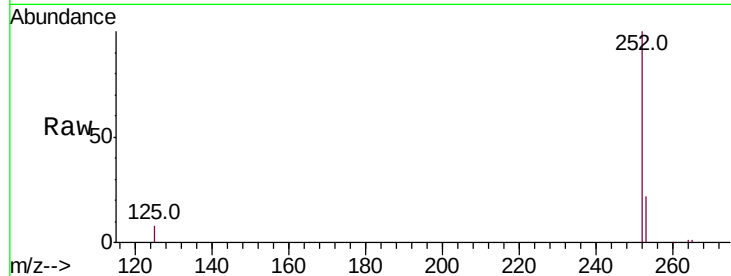
253 22.2 19.2 28.8

125 8.1 7.4 11.0

Manual Integrations
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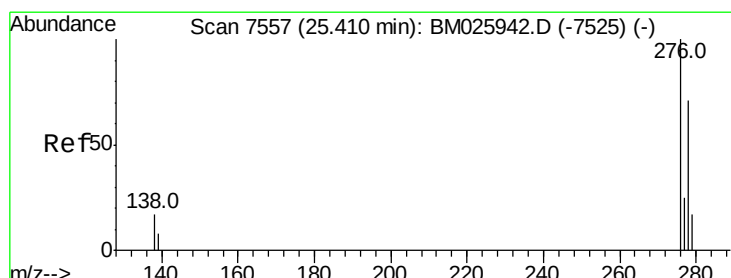
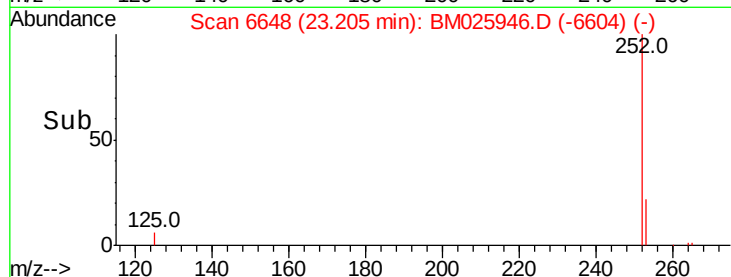
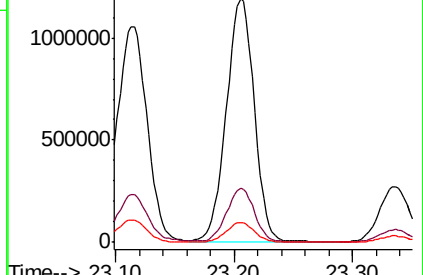
4/7/2020 8:28:34 AM



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 6.128 ng/ul

RT: 25.41 min Scan# 7558

Delta R.T. -0.00 min

Lab File: BM025946.D

Acq: 06 Apr 2020 15:03

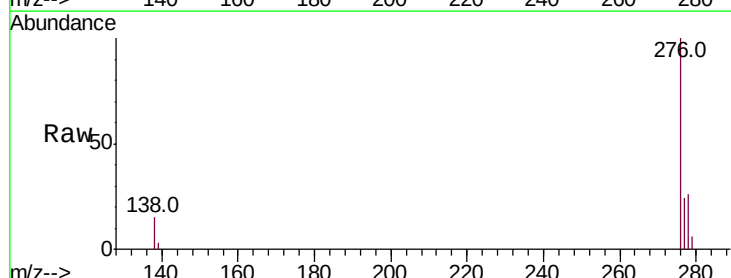
Tgt Ion:276 Resp: 748572

Ion Ratio Lower Upper

276 100

138 15.7 12.6 19.0

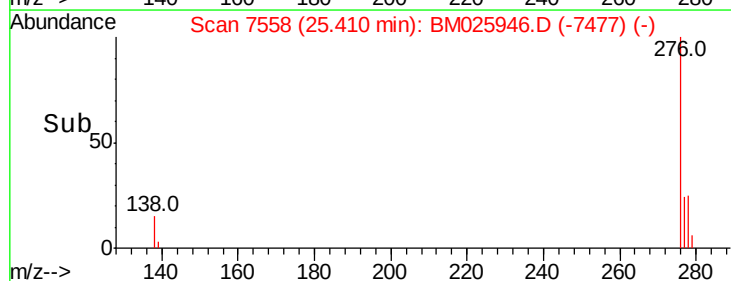
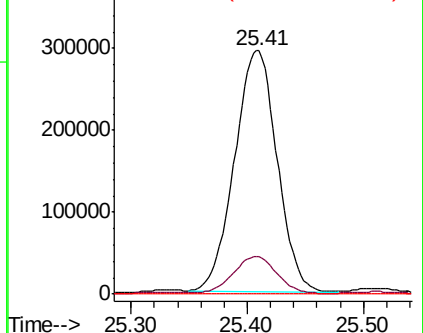
227 0.0 0.0 0.0

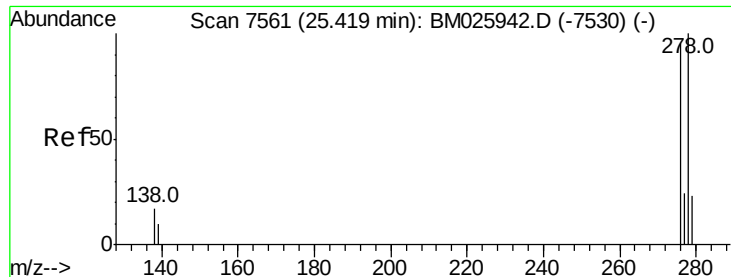


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





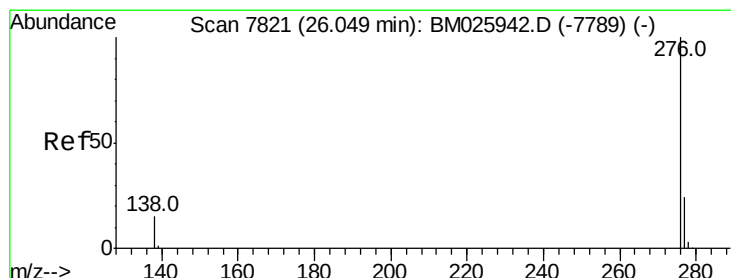
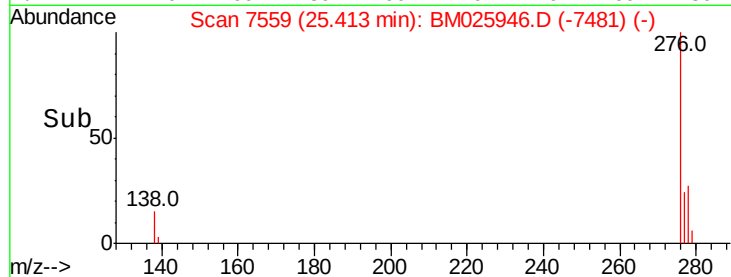
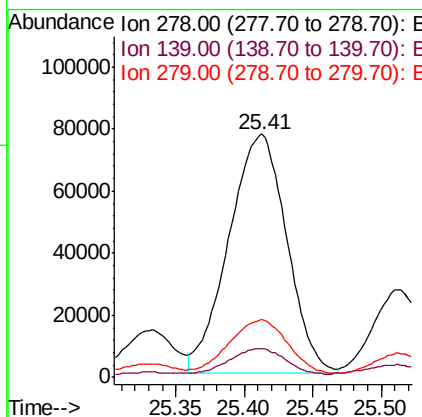
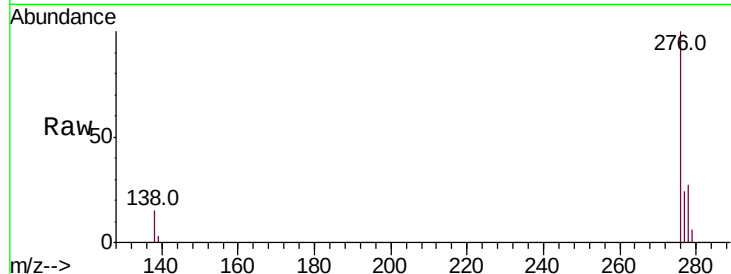
#25
Dibenzo(a,h)anthracene
Concen: 2.225 ng/ul
RT: 25.41 min Scan# 7559
Delta R.T. -0.01 min
Lab File: BM025946.D
Acq: 06 Apr 2020 15:03

Instrument :
BNA_M
ClientSampled :
F3E05

Tot Ion:278	Resp:	226882
Ion Ratio	Lower	Upper
278 100		
139 11.9	8.9	13.3
279 23.9	20.0	30.0

Manual Integrations
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4/7/2020 8:28:34 AM



#26
Benzo(g,h,i)perylene
Concen: 4.057 ng/ul
RT: 26.05 min Scan# 7823
Delta R.T. -0.00 min
Lab File: BM025946.D
Acq: 06 Apr 2020 15:03

Tgt Ion:276	Resp:	419297
Ion Ratio	Lower	Upper
276 100		
138 15.6	11.8	17.8
277 24.0	19.2	28.8

