

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040620\
 Data File : BM025947.D
 Acq On : 06 Apr 2020 15:39
 Operator : CG/JU
 Sample : L2062-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E06

Manual Integrations
 APPROVED

mohammad
 4/7/2020 8:28:37 AM

Quant Time: Apr 06 18:18:23 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	2797	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	12918	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9418	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	21305m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	24243	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	26587	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	5420	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	17634	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	3891	0.102	ng/ul#	96
5) 2-Methylnaphthalene	12.00	142	1586	0.060	ng/ul	99
7) Acenaphthylene	13.92	152	101642	2.524	ng/ul	98
8) Acenaphthene	14.26	153	7377	0.221	ng/ul	99
9) Fluorene	15.25	166	18090	0.436	ng/ul	100
11) Pentachlorophenol	16.61	266	407	0.078	ng/ul	92
12) Phenanthrene	16.99	178	70024	1.043	ng/ul	99
13) Anthracene	17.08	178	1489456	25.118	ng/ul	99
15) Fluoranthene	19.01	202	2672617	32.225	ng/ul	99
17) Pyrene	19.38	202	4542514	52.319	ng/ul	98
18) Benzo(a)anthracene	21.13	228	3158673	36.449	ng/ul	97
19) Chrysene	21.19	228	4915733	51.972	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	5073335m	51.851	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	1927378m	18.371	ng/ul	
23) Benzo(a)pyrene	23.21	252	2246978	25.697	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.41	276	822765	7.026	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.41	278	250518	2.563	ng/ul	98
26) Benzo(g,h,i)perylene	26.05	276	444376	4.486	ng/ul	99

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

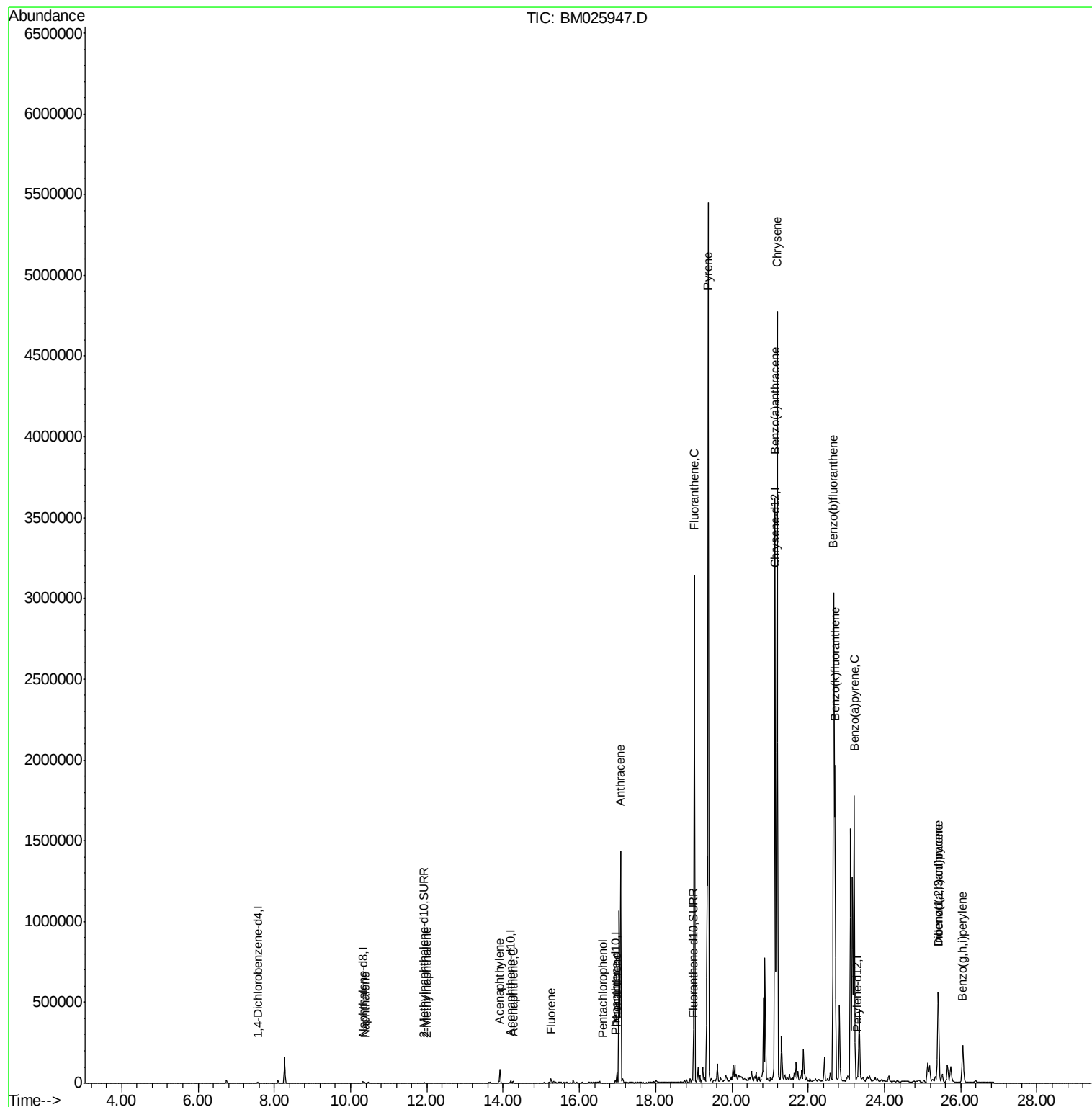
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040620\
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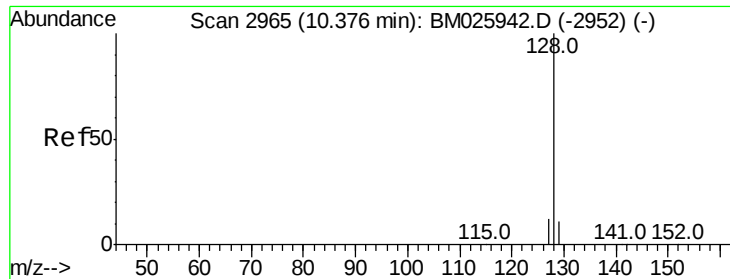
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
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QLast Update : Thu Apr 02 10:49:07 2020
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#3

Naphthalene

Concen: 0.102 ng/ul

RT: 10.37 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BM025947.D

Acq: 06 Apr 2020 15:39

Instrument :

BNA_M

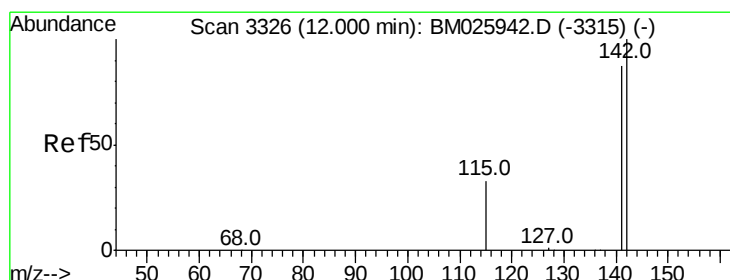
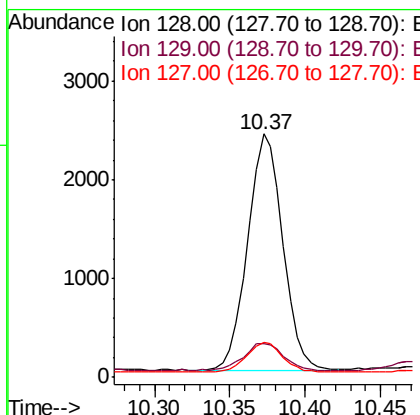
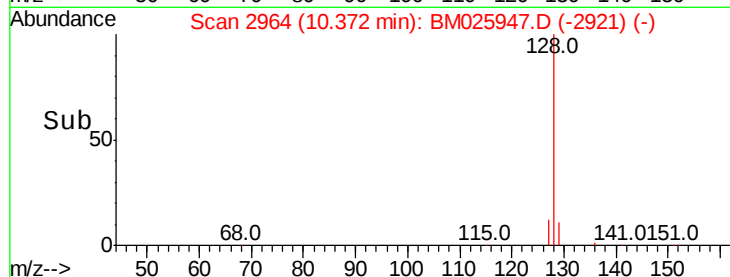
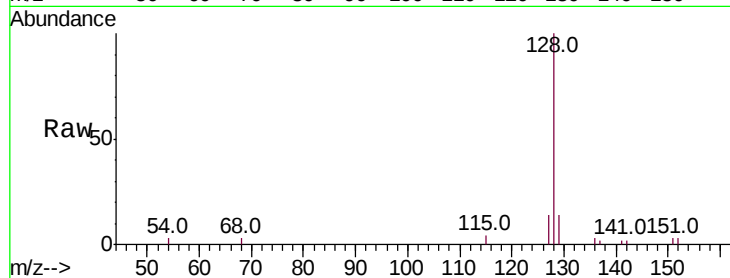
ClientSampleId :

F3E06

Tot Ion:	128	Resp:	3891
Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.1	13.7#
127	14.2	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.060 ng/ul

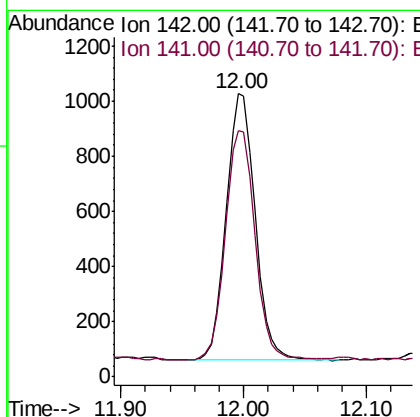
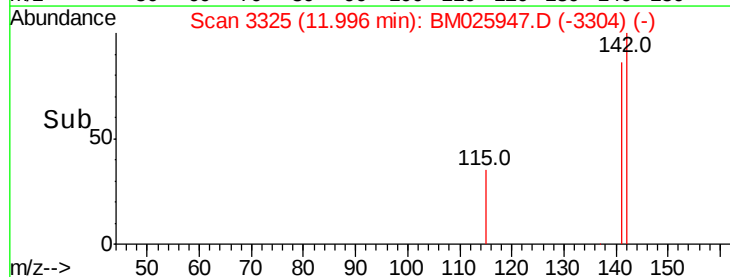
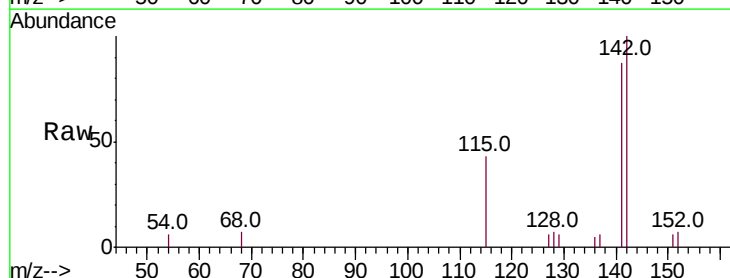
RT: 12.00 min Scan# 3325

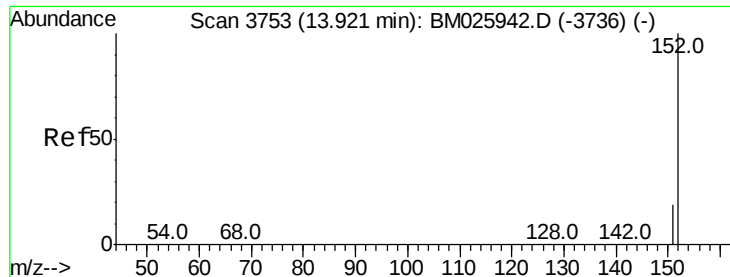
Delta R.T. -0.01 min

Lab File: BM025947.D

Acq: 06 Apr 2020 15:39

Tgt Ion:	142	Resp:	1586
Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.0	103.6





#7

Acenaphthylene

Concen: 2.524 ng/ul

RT: 13.92 min Scan# 3752

Delta R.T. -0.01 min

Lab File: BM025947.D

Acq: 06 Apr 2020 15:39

Instrument :

BNA_M

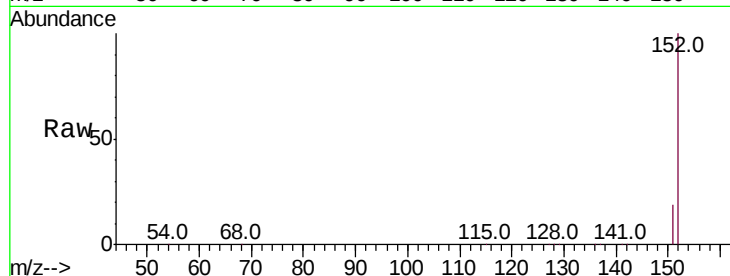
ClientSampled :

F3E06

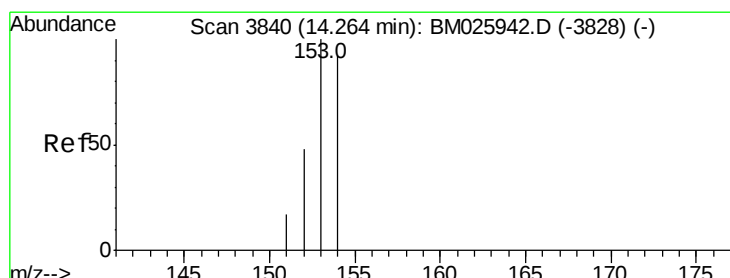
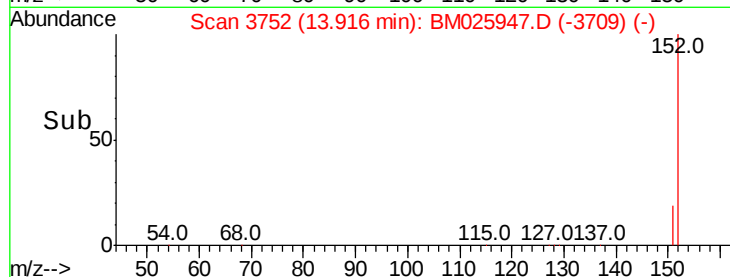
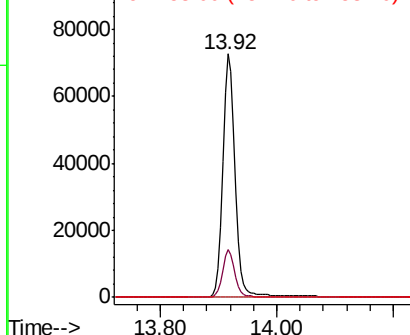
Tot Ion:	152	Resp:	101642
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.1	24.1
153	0.0	0.0	0.0

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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: 0.221 ng/ul

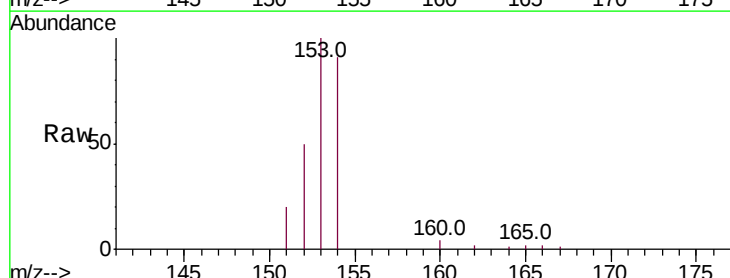
RT: 14.26 min Scan# 3839

Delta R.T. -0.01 min

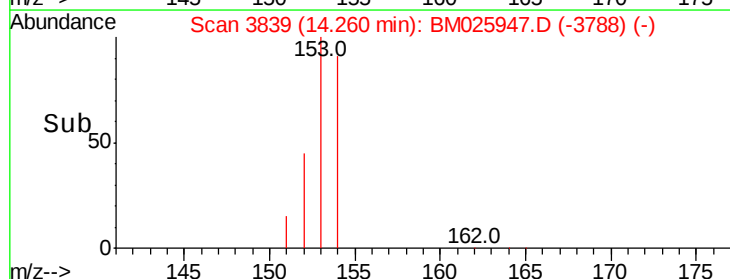
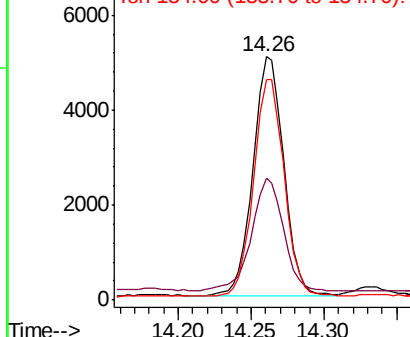
Lab File: BM025947.D

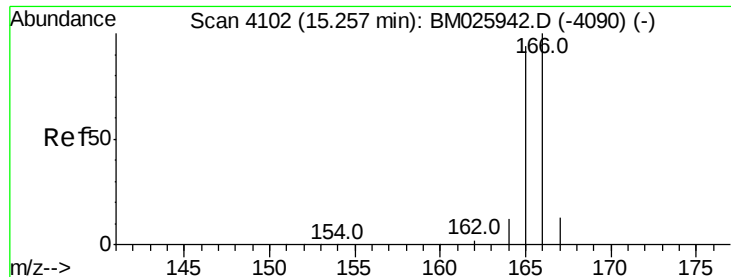
Acq: 06 Apr 2020 15:39

Tgt Ion:	153	Resp:	7377
Ion Ratio	Lower	Upper	
153	100		
152	50.2	38.8	58.2
154	90.6	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: 0.436 ng/ul

RT: 15.25 min Scan# 4101

Delta R.T. -0.01 min

Lab File: BM025947.D

Acq: 06 Apr 2020 15:39

Instrument :

BNA_M

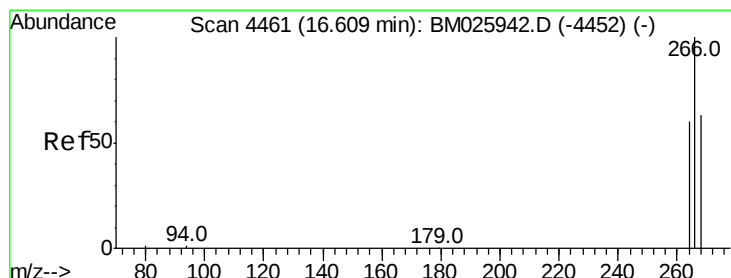
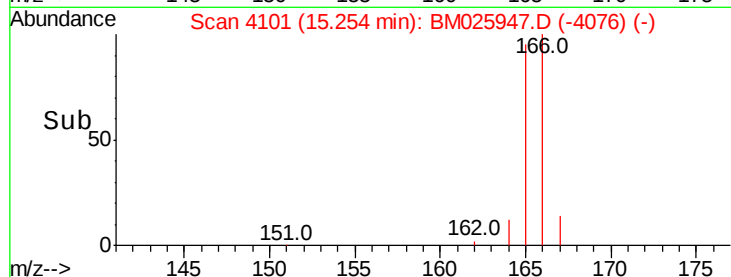
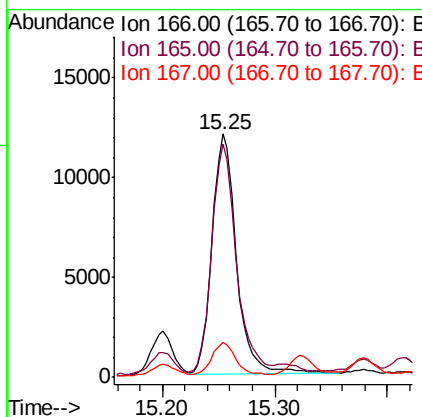
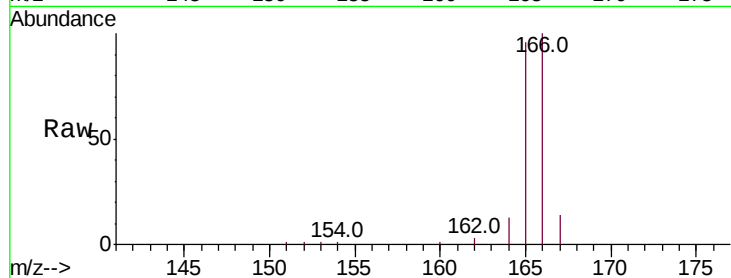
ClientSampleId :

F3E06

Tot Ion:	166	Resp:	18090
Ion Ratio	Lower	Upper	
166	100		
165	95.8	76.6	115.0
167	14.3	11.4	17.0

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#11

Pentachlorophenol

Concen: 0.078 ng/ul

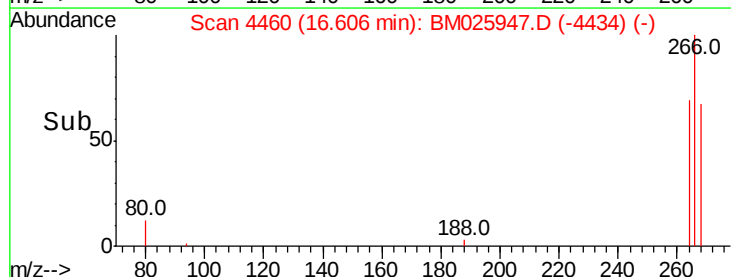
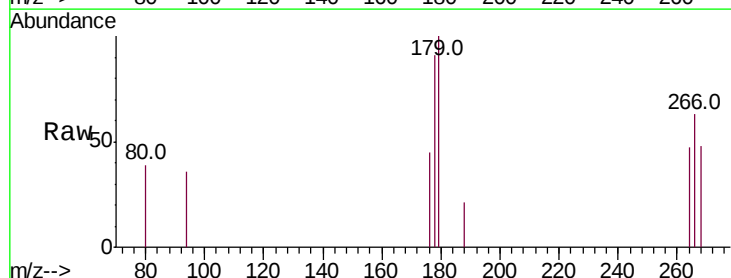
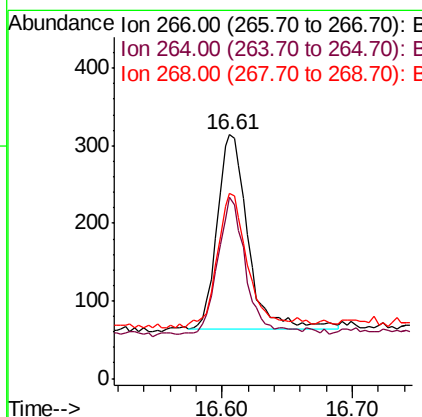
RT: 16.61 min Scan# 4460

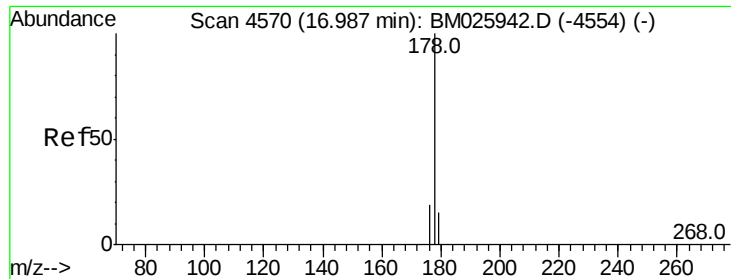
Delta R.T. -0.01 min

Lab File: BM025947.D

Acq: 06 Apr 2020 15:39

Tgt Ion:	266	Resp:	407
Ion Ratio	Lower	Upper	
266	100		
264	64.9	48.4	72.6
268	68.1	48.7	73.1





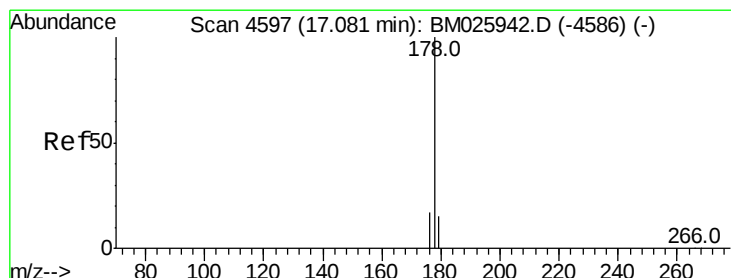
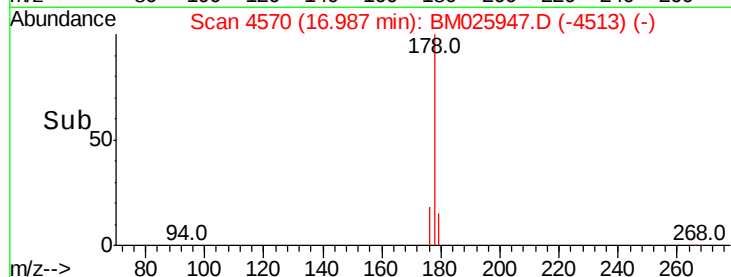
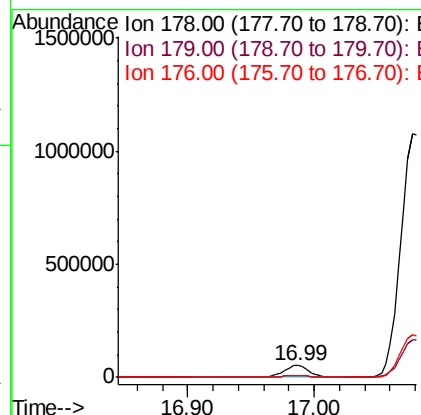
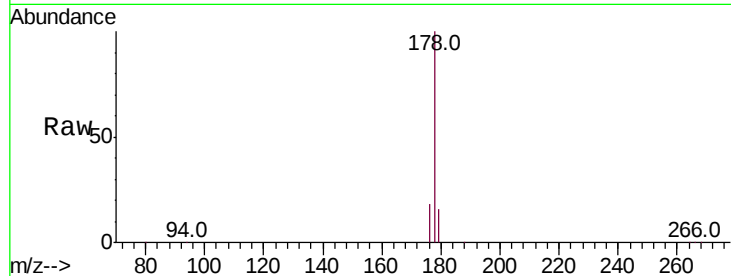
#12
Phenanthrene
Concen: 1.043 ng/ul
RT: 16.99 min Scan# 4570
Delta R.T. -0.00 min
Lab File: BM025947.D
Acq: 06 Apr 2020 15:39

Instrument :
BNA_M
ClientSampleId :
F3E06

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	18.0	15.1	22.7

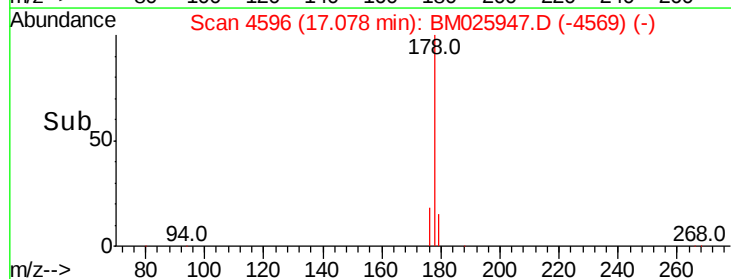
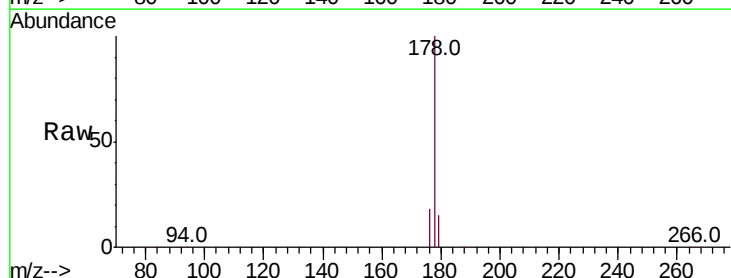
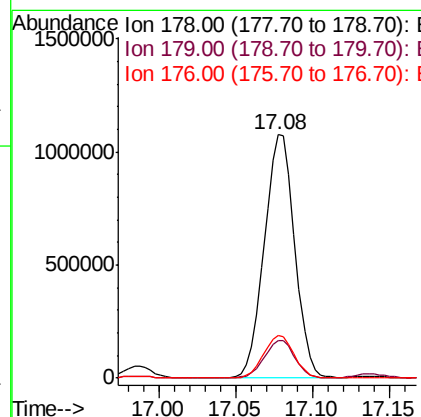
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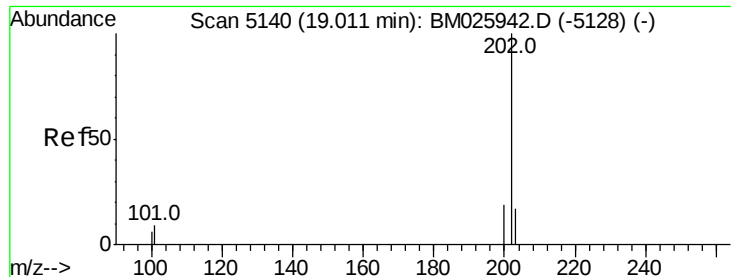
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#13
Anthracene
Concen: 25.118 ng/ul
RT: 17.08 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BM025947.D
Acq: 06 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	17.6	14.5	21.7





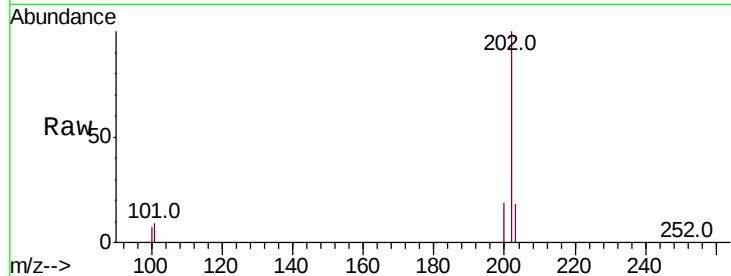
#15
Fluoranthene
Concen: 32.225 ng/ul
RT: 19.01 min Scan# 5140
Delta R.T. -0.00 min
Lab File: BM025947.D
Acq: 06 Apr 2020 15:39

Instrument :
BNA_M
ClientSampled :
F3E06

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	28.6
100	7.0	0.0	27.0

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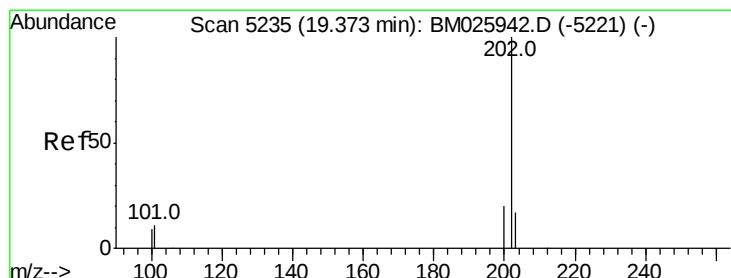
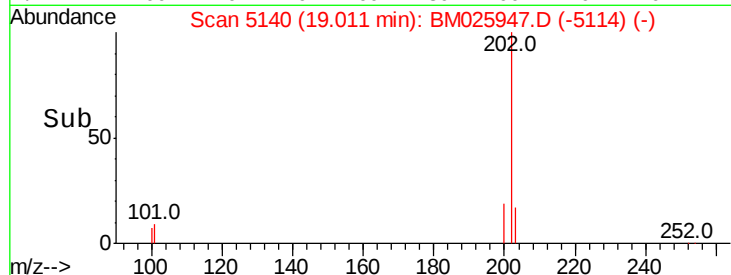
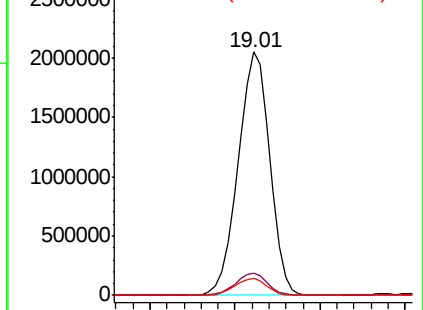


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17
Pyrene
Concen: 52.319 ng/ul
RT: 19.38 min Scan# 5237
Delta R.T. 0.01 min
Lab File: BM025947.D
Acq: 06 Apr 2020 15:39

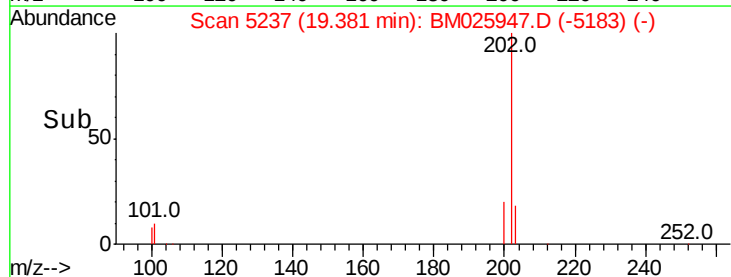
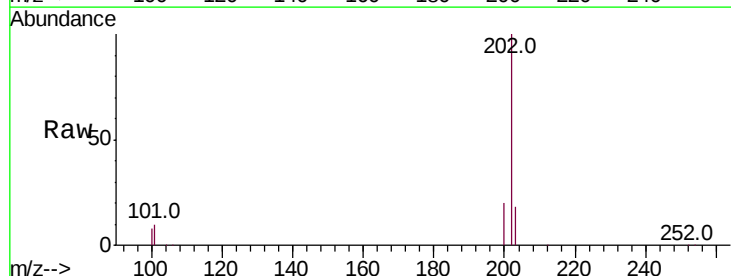
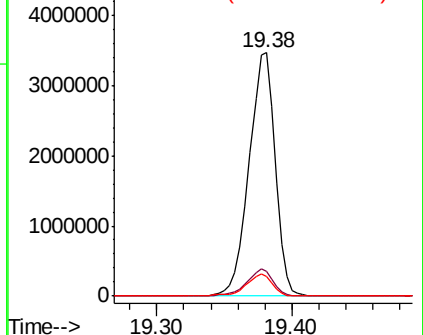
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.5	11.3
100	8.3	6.3	9.5

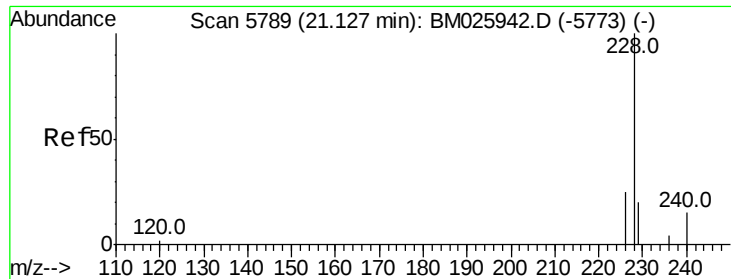
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





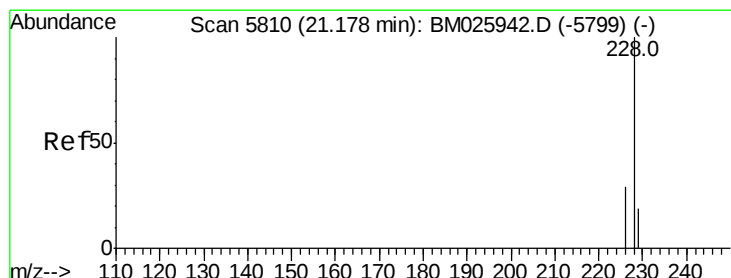
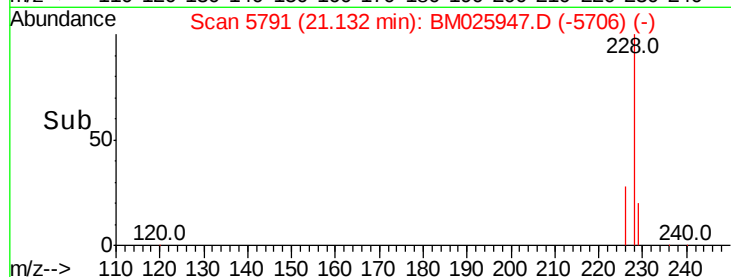
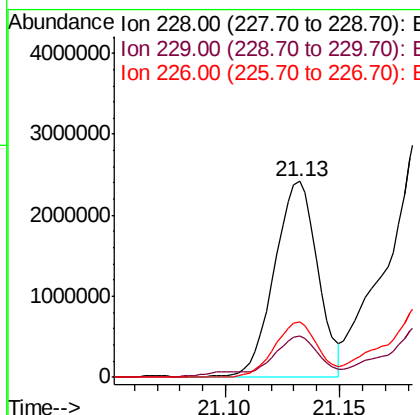
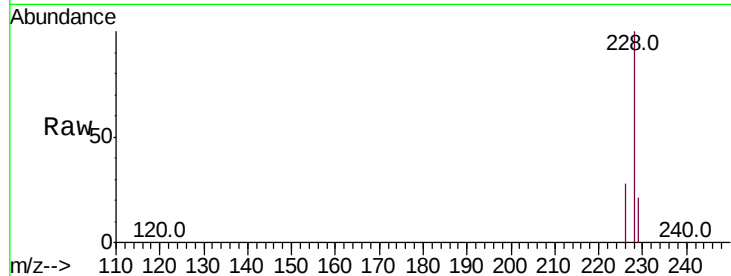
#18
Benzo(a)anthracene
Concen: 36.449 ng/ul
RT: 21.13 min Scan# 5791
Delta R.T. 0.00 min
Lab File: BM025947.D
Acq: 06 Apr 2020 15:39

Instrument :
BNA_M
ClientSampleId :
F3E06

Tot Ion:228 Resp: 3158673
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 28.2 20.9 31.3

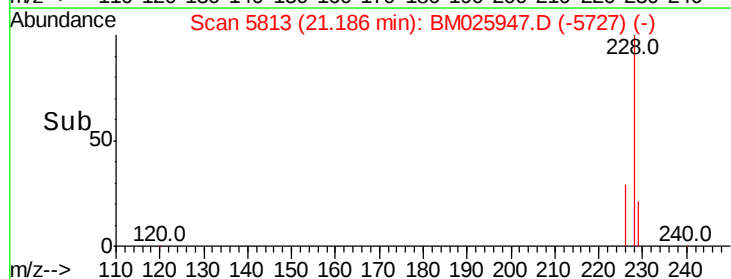
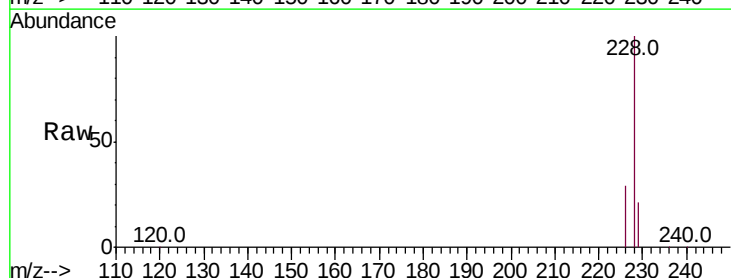
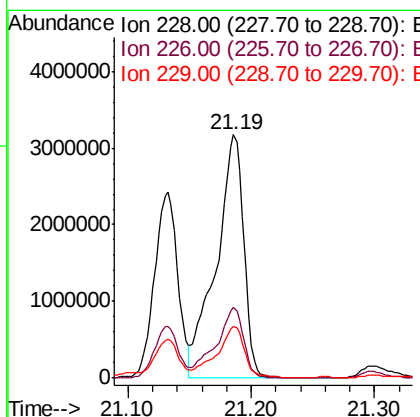
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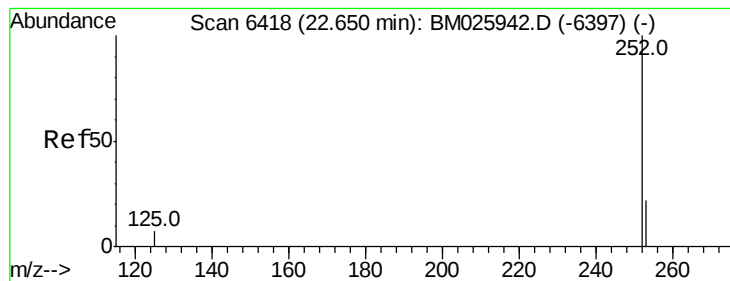
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#19
Chrysene
Concen: 51.972 ng/ul
RT: 21.19 min Scan# 5813
Delta R.T. 0.01 min
Lab File: BM025947.D
Acq: 06 Apr 2020 15:39

Tgt Ion:228 Resp: 4915733
Ion Ratio Lower Upper
228 100
226 28.9 22.9 34.3
229 21.4 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 51.851 ng/ul m

RT: 22.67 min Scan# 6425

Delta R.T. 0.01 min

Lab File: BM025947.D

Acq: 06 Apr 2020 15:39

Instrument :

BNA_M

ClientSampleId :

F3E06

Tot Ion:252 Resp: 5073335

Ion Ratio Lower Upper

252 100

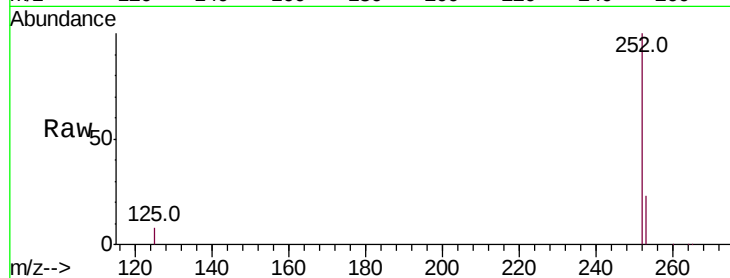
253 22.8 0.0 46.6

125 7.9 0.0 15.4

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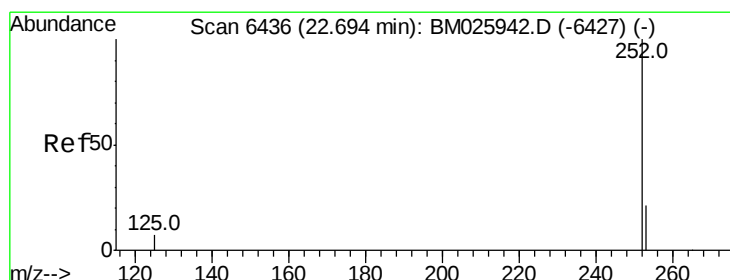
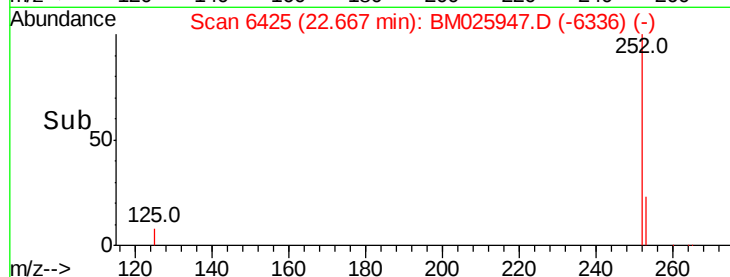
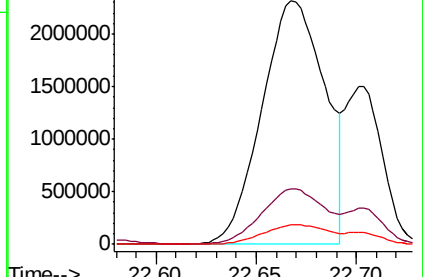
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 18.371 ng/ul m

RT: 22.70 min Scan# 6440

Delta R.T. 0.01 min

Lab File: BM025947.D

Acq: 06 Apr 2020 15:39

Tgt Ion:252 Resp: 1927378

Ion Ratio Lower Upper

252 100

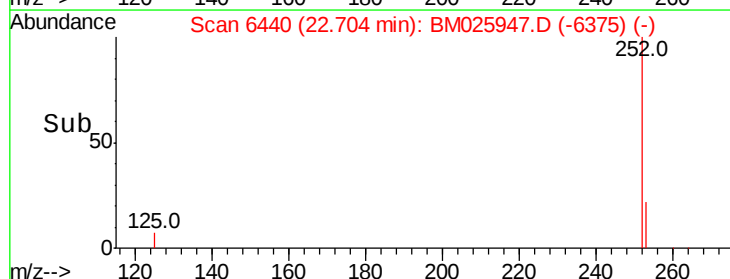
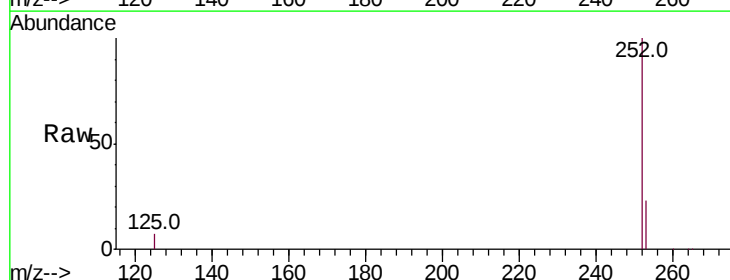
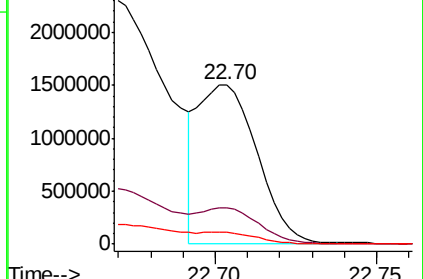
253 22.8 19.0 28.4

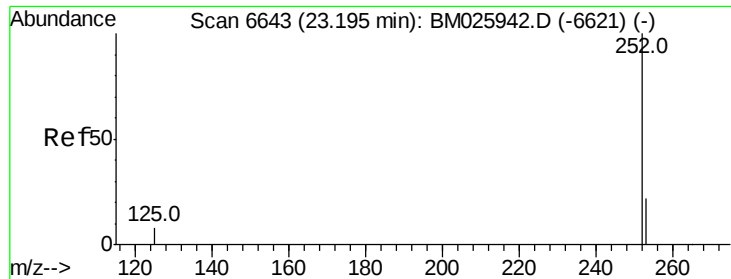
125 7.5 6.7 10.1

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





#23

Benzo(a)pyrene

Concen: 25.697 ng/u1

RT: 23.21 min Scan# 6648

Delta R.T. 0.01 min

Lab File: BM025947.D

Acq: 06 Apr 2020 15:39

Instrument :

BNA_M

ClientSampleId :

F3E06

Tot Ion:252 Resp: 2246978

Ion Ratio Lower Upper

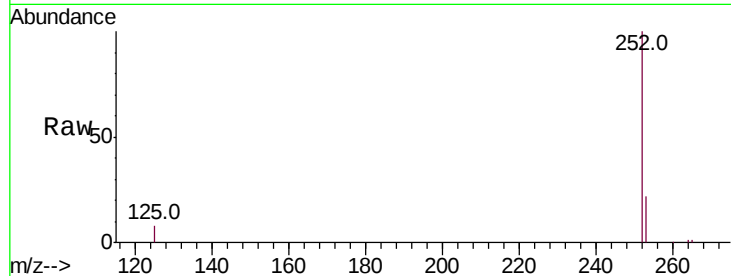
252 100

253 22.1 19.2 28.8

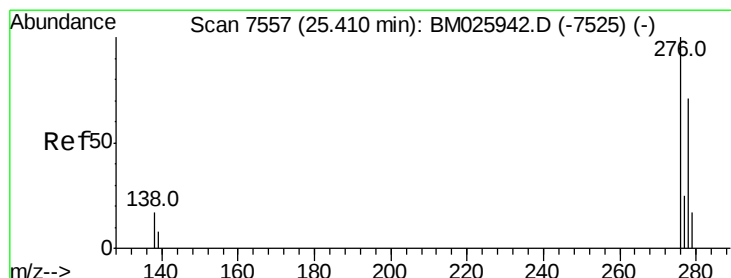
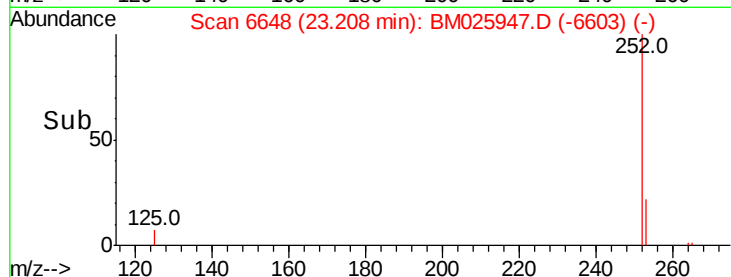
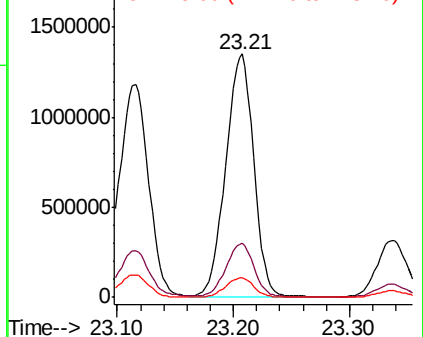
125 8.2 7.4 11.0

Manual Integrations
APPROVED

mohammad
4/7/2020 8:28:37 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: 7.026 ng/u1

RT: 25.41 min Scan# 7557

Delta R.T. -0.00 min

Lab File: BM025947.D

Acq: 06 Apr 2020 15:39

Tgt Ion:276 Resp: 822765

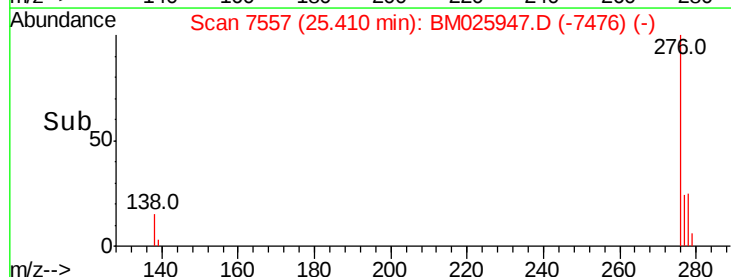
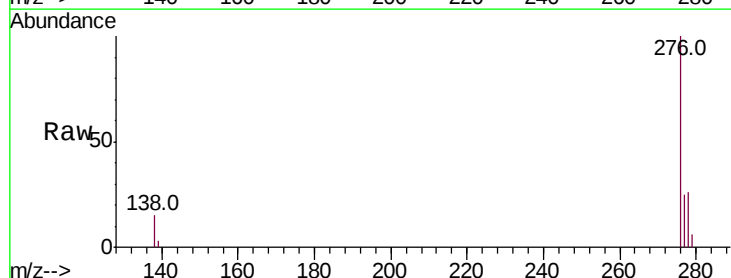
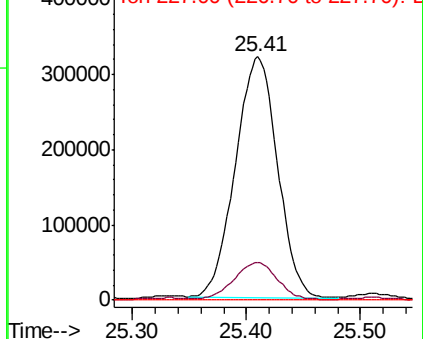
Ion Ratio Lower Upper

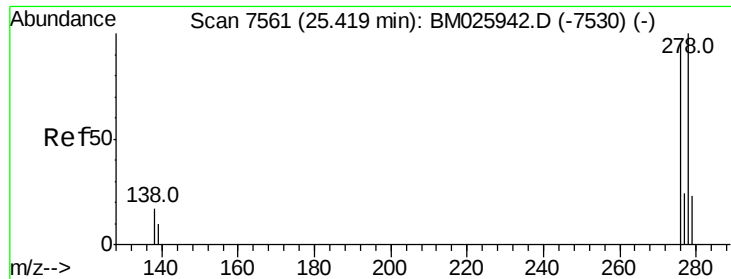
276 100

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





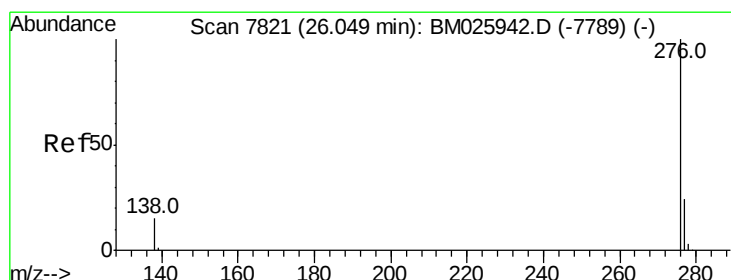
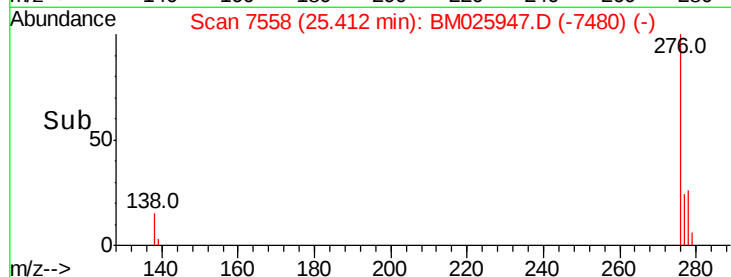
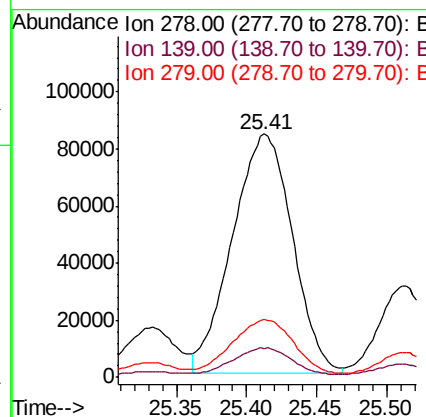
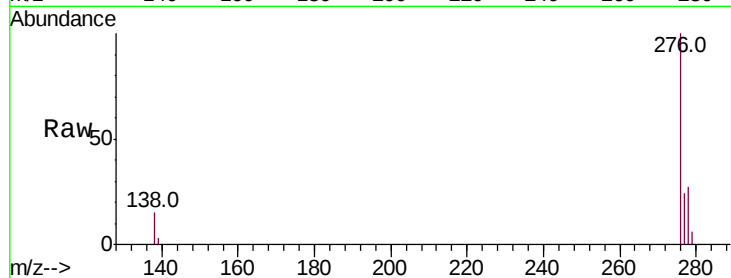
#25
Dibenzo(a,h)anthracene
Concen: 2.563 ng/ul
RT: 25.41 min Scan# 7558
Delta R.T. -0.01 min
Lab File: BM025947.D
Acq: 06 Apr 2020 15:39

Instrument :
BNA_M
ClientSampled :
F3E06

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.9	13.3
279	23.7	20.0	30.0

Manual Integrations
APPROVED

mohammad
4/7/2020 8:28:37 AM



#26
Benzo(g,h,i)perylene
Concen: 4.486 ng/ul
RT: 26.05 min Scan# 7821
Delta R.T. -0.00 min
Lab File: BM025947.D
Acq: 06 Apr 2020 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	11.8	17.8
277	23.9	19.2	28.8

