

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
 Data File : BM025934.D
 Acq On : 04 Apr 2020 04:24
 Operator : CG/JU
 Sample : L2062-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E02

Manual Integrations
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Quant Time: Apr 04 05:28:09 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 : Sat Apr 04 05:10:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3173	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	14027	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	9894	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	22496m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	25931	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	28554	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	9016	0.36	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	25716	0.36	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.92	152	948	0.022	ng/ul#	80
15) Fluoranthene	19.00	202	3507	0.040	ng/ul	91
17) Pyrene	19.37	202	7425	0.080	ng/ul#	92
18) Benzo(a)anthracene	21.12	228	4633	0.050	ng/ul	93
19) Chrysene	21.17	228	8328m	0.082	ng/ul	
21) Benzo(b)fluoranthene	22.65	252	16257m	0.155	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	5258m	0.047	ng/ul	
23) Benzo(a)pyrene	23.19	252	6742	0.072	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.40	276	4599	0.037	ng/ul#	100
26) Benzo(g,h,i)perylene	26.04	276	3395	0.032	ng/ul#	88

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

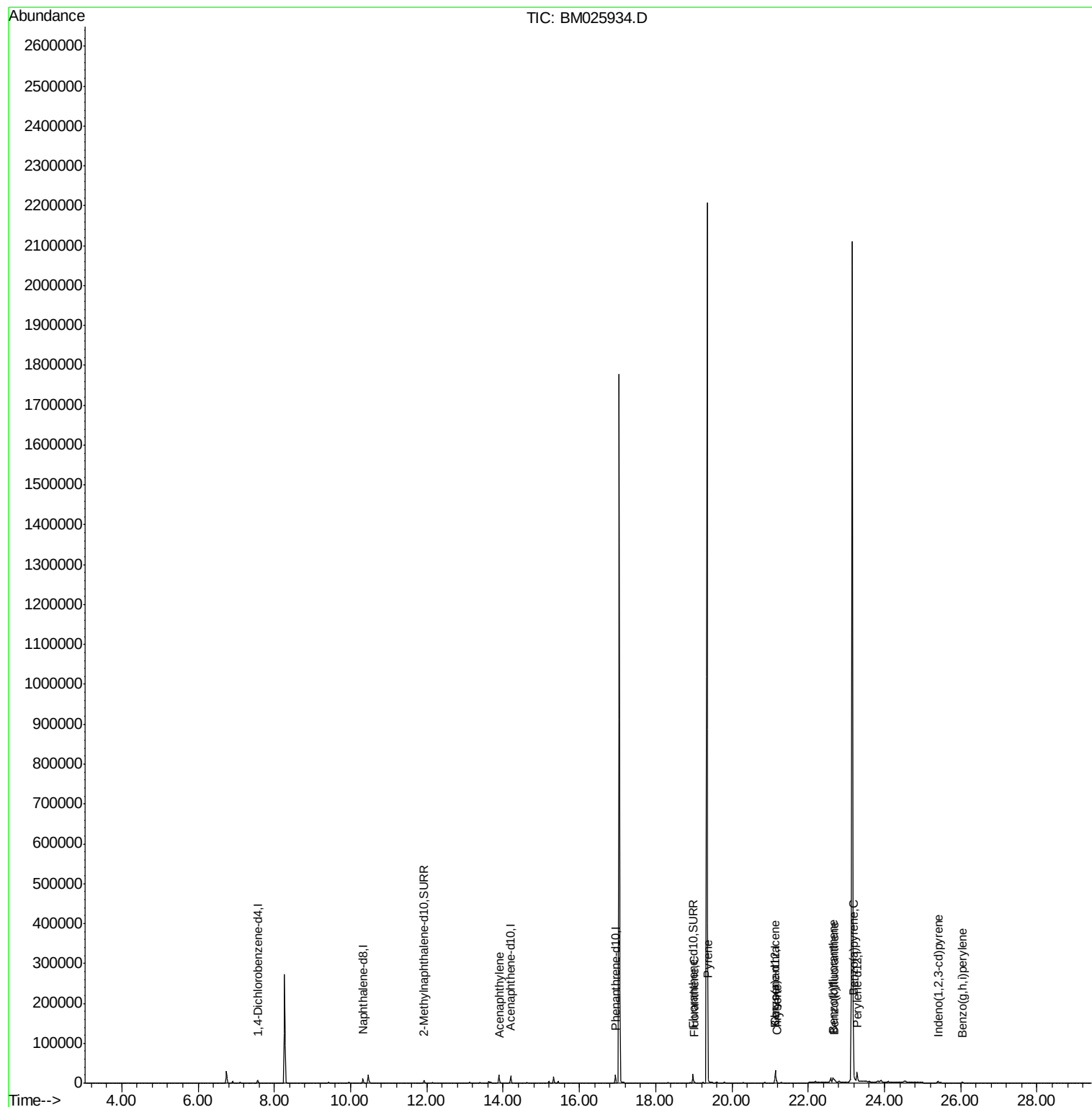
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
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ALS Vial : 12 Sample Multiplier: 1

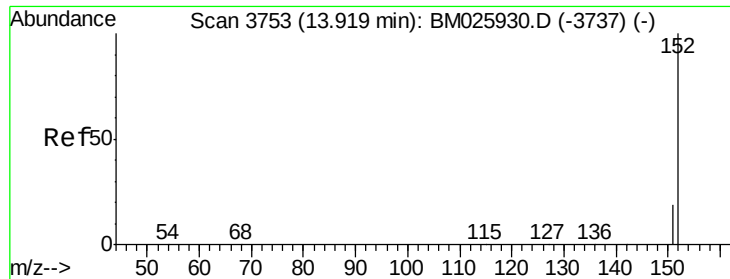
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 04 05:10:01 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 13.92 min Scan# 3753

Delta R.T. -0.00 min

Lab File: BM025934.D

Acq: 04 Apr 2020 04:24

Instrument :

BNA_M

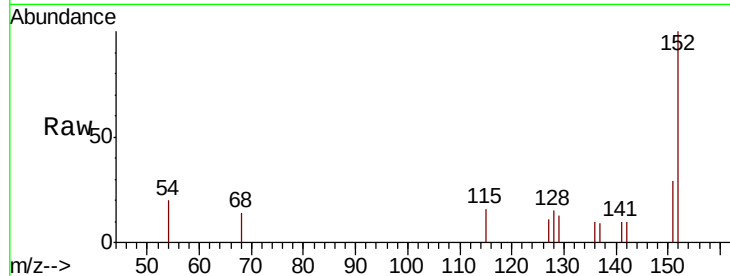
ClientSampleId :

F3E02

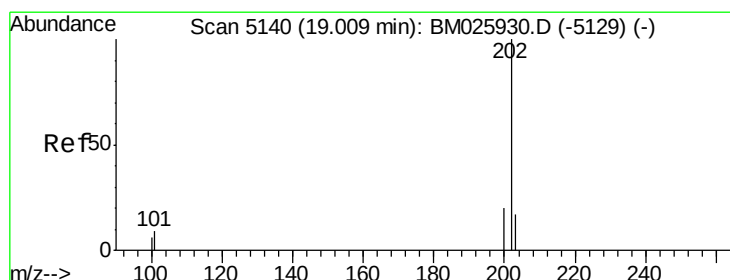
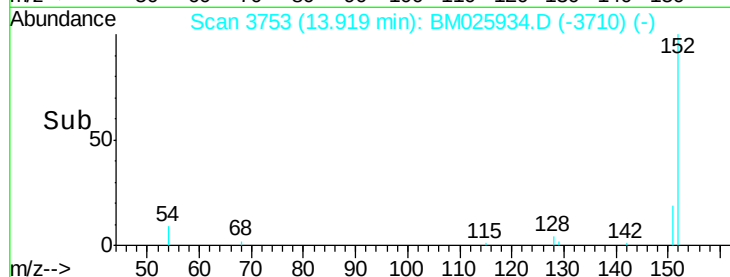
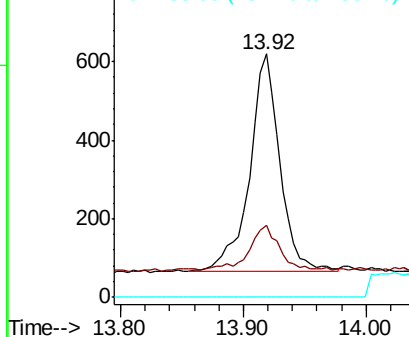
Tot Ion:	152	Resp:	948
Ion Ratio	Lower	Upper	
152	100		
151	29.4	16.1	24.1#
153	0.0	0.0	0.0

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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



#15

Fluoranthene

Concen: 0.040 ng/ul

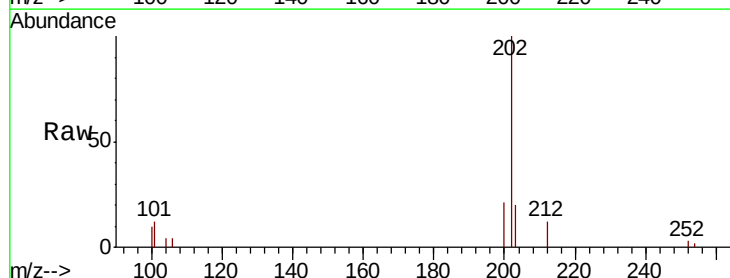
RT: 19.00 min Scan# 5139

Delta R.T. -0.01 min

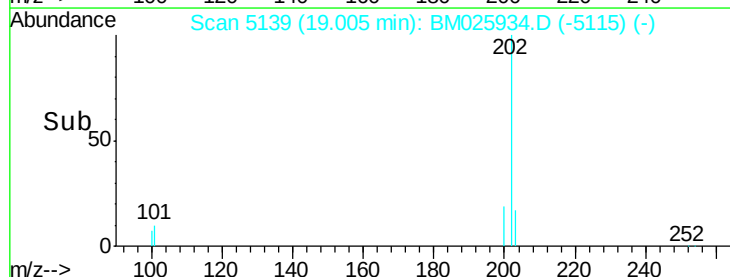
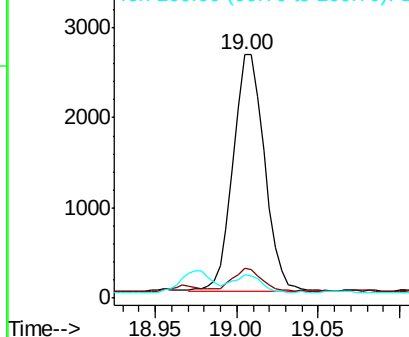
Lab File: BM025934.D

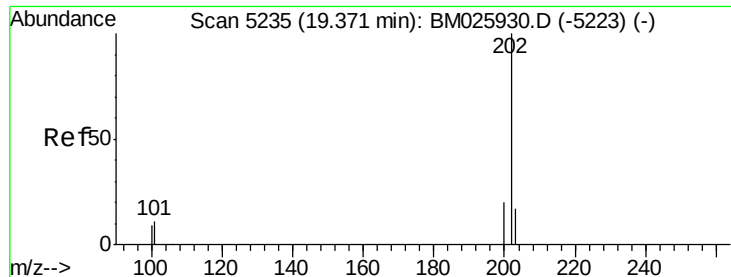
Acq: 04 Apr 2020 04:24

Tgt Ion:	202	Resp:	3507
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	28.6
100	9.6	0.0	27.0



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





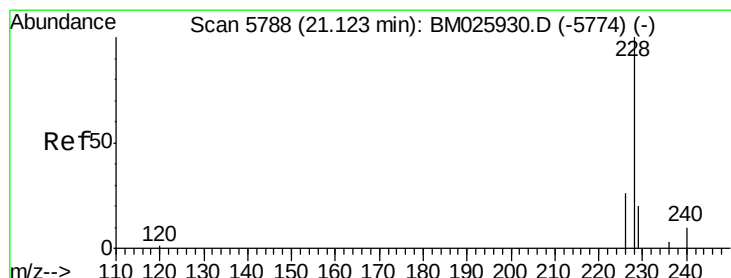
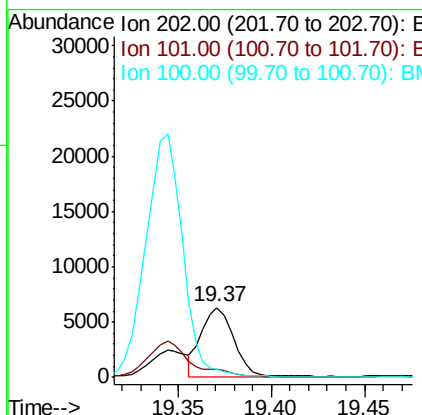
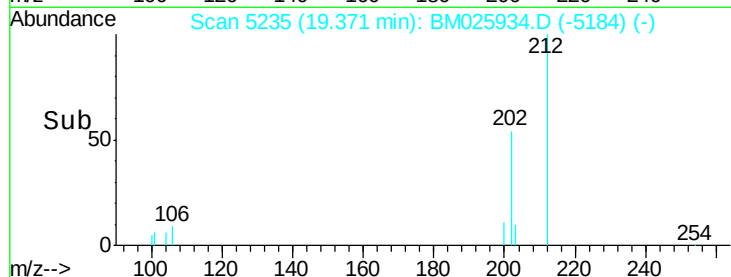
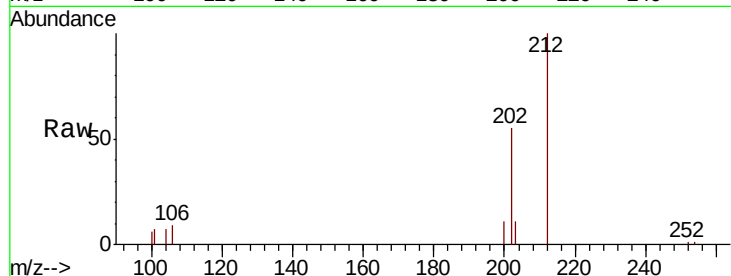
#17
Pvrene
Concen: 0.080 ng/ul
RT: 19.37 min Scan# 5235
Delta R.T. -0.00 min
Lab File: BM025934.D
Acq: 04 Apr 2020 04:24

Instrument :
BNA_M
ClientSampleId :
F3E02

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.5	11.3#
100	10.7	6.3	9.5#

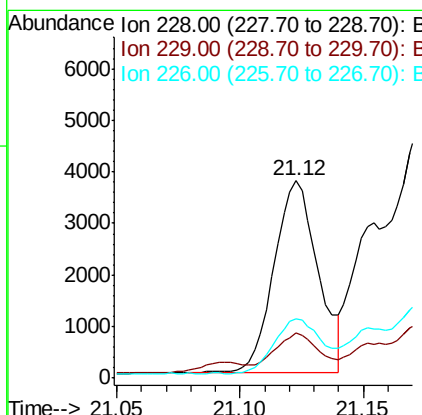
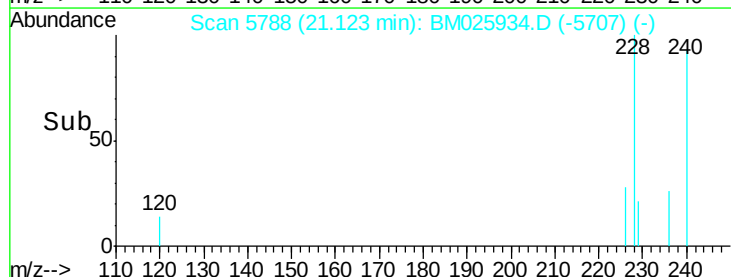
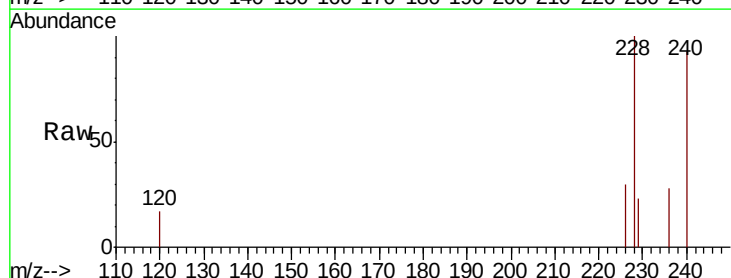
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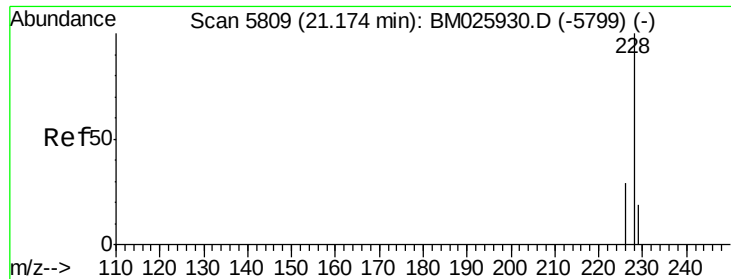
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#18
Benzo(a)anthracene
Concen: 0.050 ng/ul
RT: 21.12 min Scan# 5788
Delta R.T. -0.00 min
Lab File: BM025934.D
Acq: 04 Apr 2020 04:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.8	23.8
226	29.8	20.9	31.3





#19

Chrysene

Concen: 0.082 ng/ul m

RT: 21.17 min Scan# 5808

Delta R.T. -0.01 min

Lab File: BM025934.D

Acq: 04 Apr 2020 04:24

Instrument :

BNA_M

ClientSampleId :

F3E02

Tot Ion:228 Resp: 8328

Ion Ratio Lower Upper

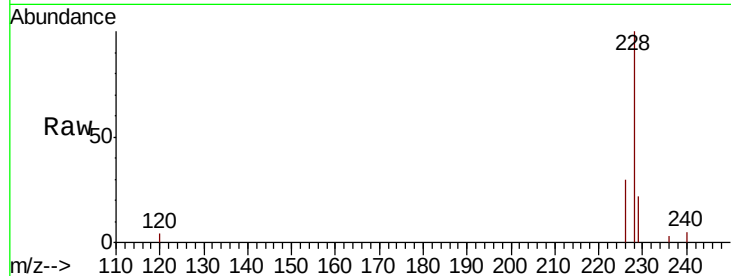
228 100

226 30.0 22.9 34.3

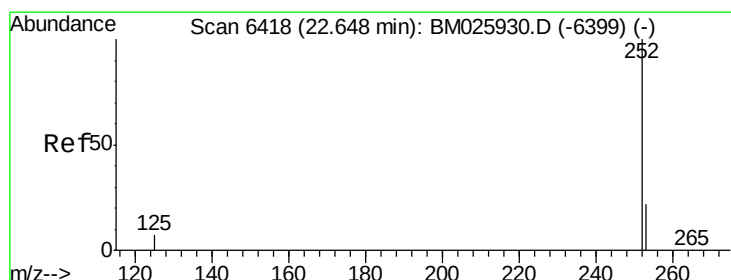
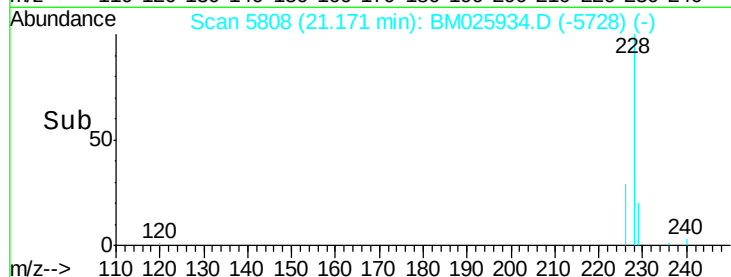
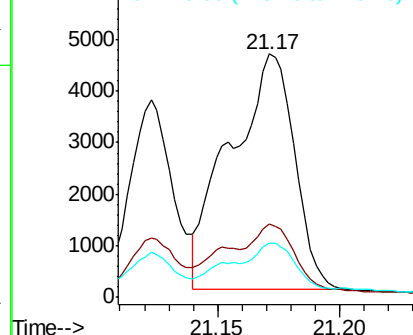
229 22.2 15.8 23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.155 ng/ul m

RT: 22.65 min Scan# 6418

Delta R.T. -0.00 min

Lab File: BM025934.D

Acq: 04 Apr 2020 04:24

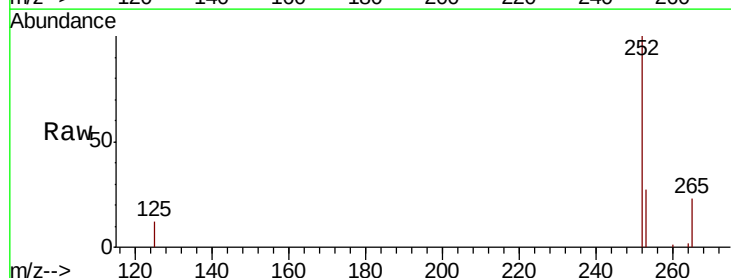
Tgt Ion:252 Resp: 16257

Ion Ratio Lower Upper

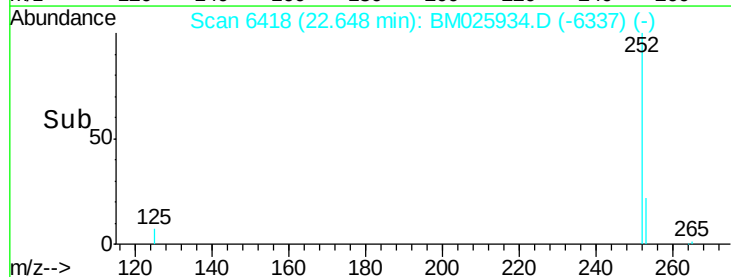
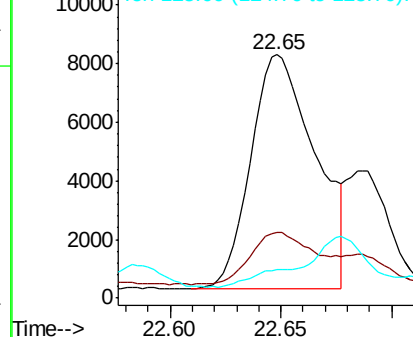
252 100

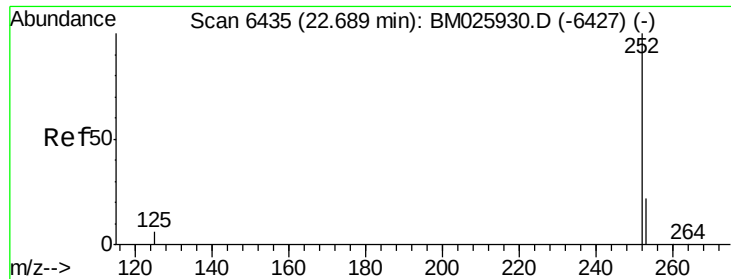
253 26.8 0.0 46.6

125 11.7 0.0 15.4



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





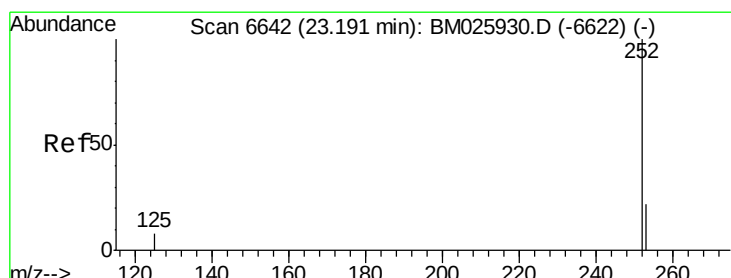
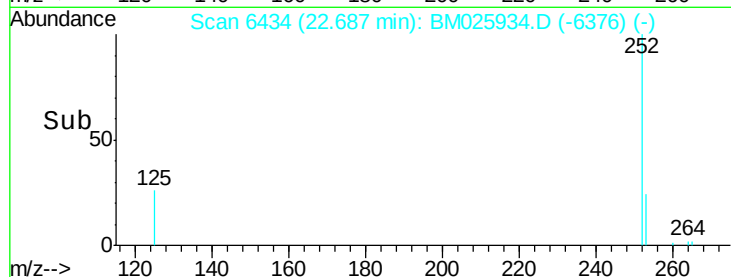
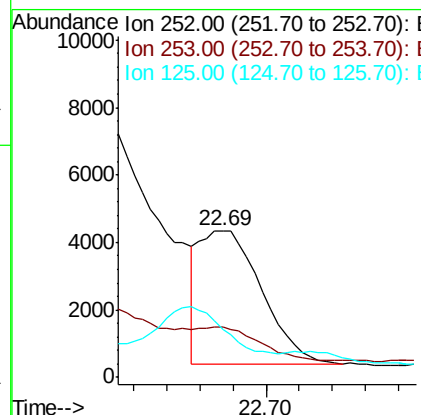
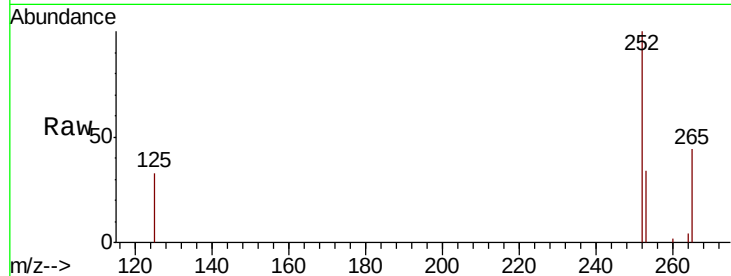
#22
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 22.69 min Scan# 6434
Delta R.T. -0.01 min
Lab File: BM025934.D
Acq: 04 Apr 2020 04:24

Instrument :
BNA_M
ClientSampleId :
F3E02

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.0	19.0	28.4#
125	33.0	6.7	10.1#

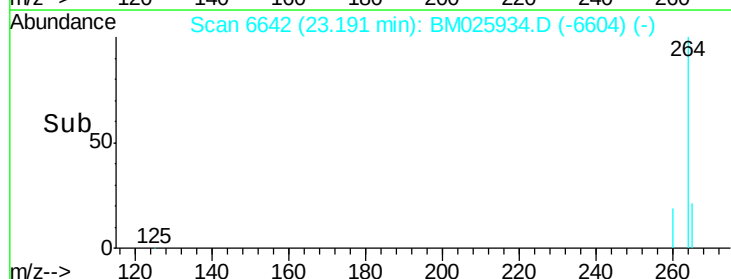
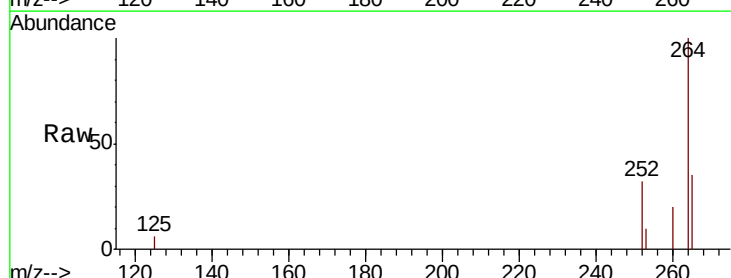
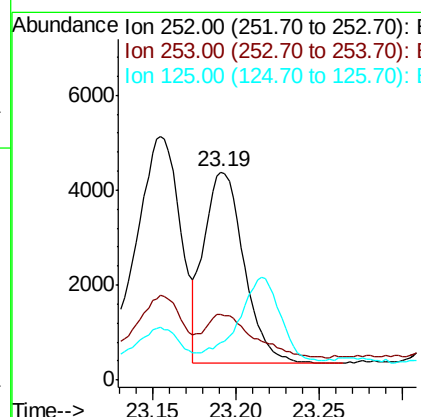
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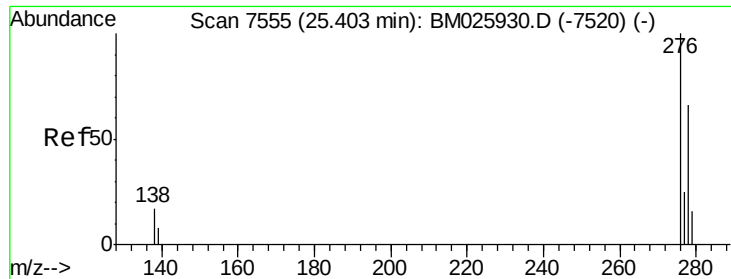
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#23
Benzo(a)pyrene
Concen: 0.072 ng/ul
RT: 23.19 min Scan# 6642
Delta R.T. -0.01 min
Lab File: BM025934.D
Acq: 04 Apr 2020 04:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.6	19.2	28.8#
125	18.2	7.4	11.0#





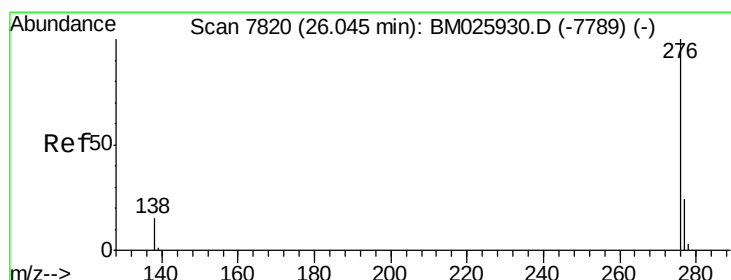
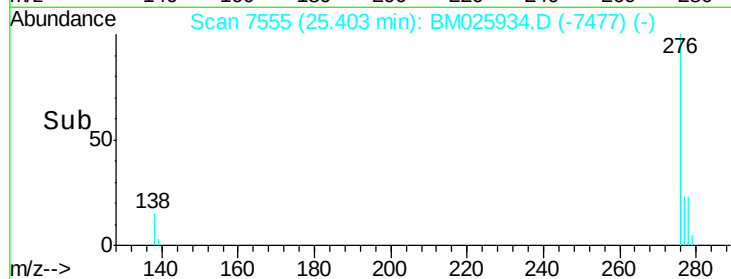
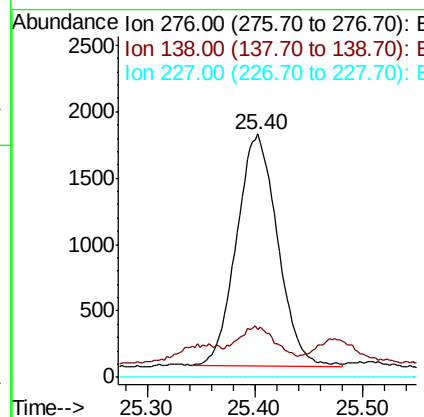
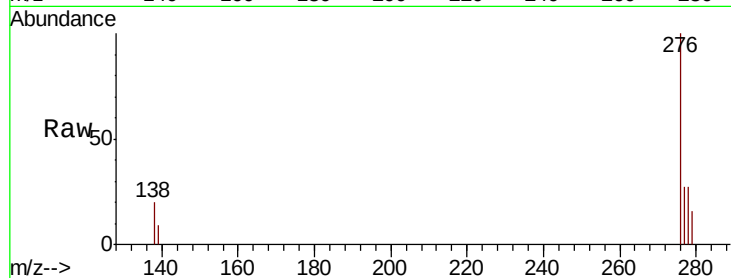
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.037 ng/ul
 RT: 25.40 min Scan# 7555
 Delta R.T. -0.01 min
 Lab File: BM025934.D
 Acq: 04 Apr 2020 04:24

Instrument :
 BNA_M
 ClientSampled :
 F3E02

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.6	19.0
227	0.0	0.0	0.0

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#26
 Benzo(g,h,i)perylene
 Concen: 0.032 ng/ul
 RT: 26.04 min Scan# 7817
 Delta R.T. -0.02 min
 Lab File: BM025934.D
 Acq: 04 Apr 2020 04:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	11.8	17.8#
277	28.5	19.2	28.8

