

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040620\
 Data File : BM025943.D
 Acq On : 06 Apr 2020 12:38
 Operator : CG/JU
 Sample : L2065-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBF08

Manual Integrations
 APPROVED

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 4/7/2020 8:28:26 AM

Quant Time: Apr 06 13:13:03 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	2674	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	11673	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	10624	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	19216m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	19616	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	20579	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	7243	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	23387	0.39	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.38	128	11084	0.323	ng/ul	99
5) 2-Methylnaphthalene	12.00	142	259137	10.790	ng/ul	100
7) Acenaphthylene	13.92	152	47060	1.036	ng/ul	100
8) Acenaphthene	14.27	153	1463113	38.816	ng/ul	97
9) Fluorene	15.25	166	543442	11.622	ng/ul	99
13) Anthracene	17.08	178	5186	0.097	ng/ul	96
15) Fluoranthene	19.01	202	257432	3.441	ng/ul	98
17) Pyrene	19.37	202	122132	1.738	ng/ul	97
18) Benzo(a)anthracene	21.13	228	2250	0.032	ng/ul#	86
19) Chrysene	21.18	228	2482	0.032	ng/ul#	84

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

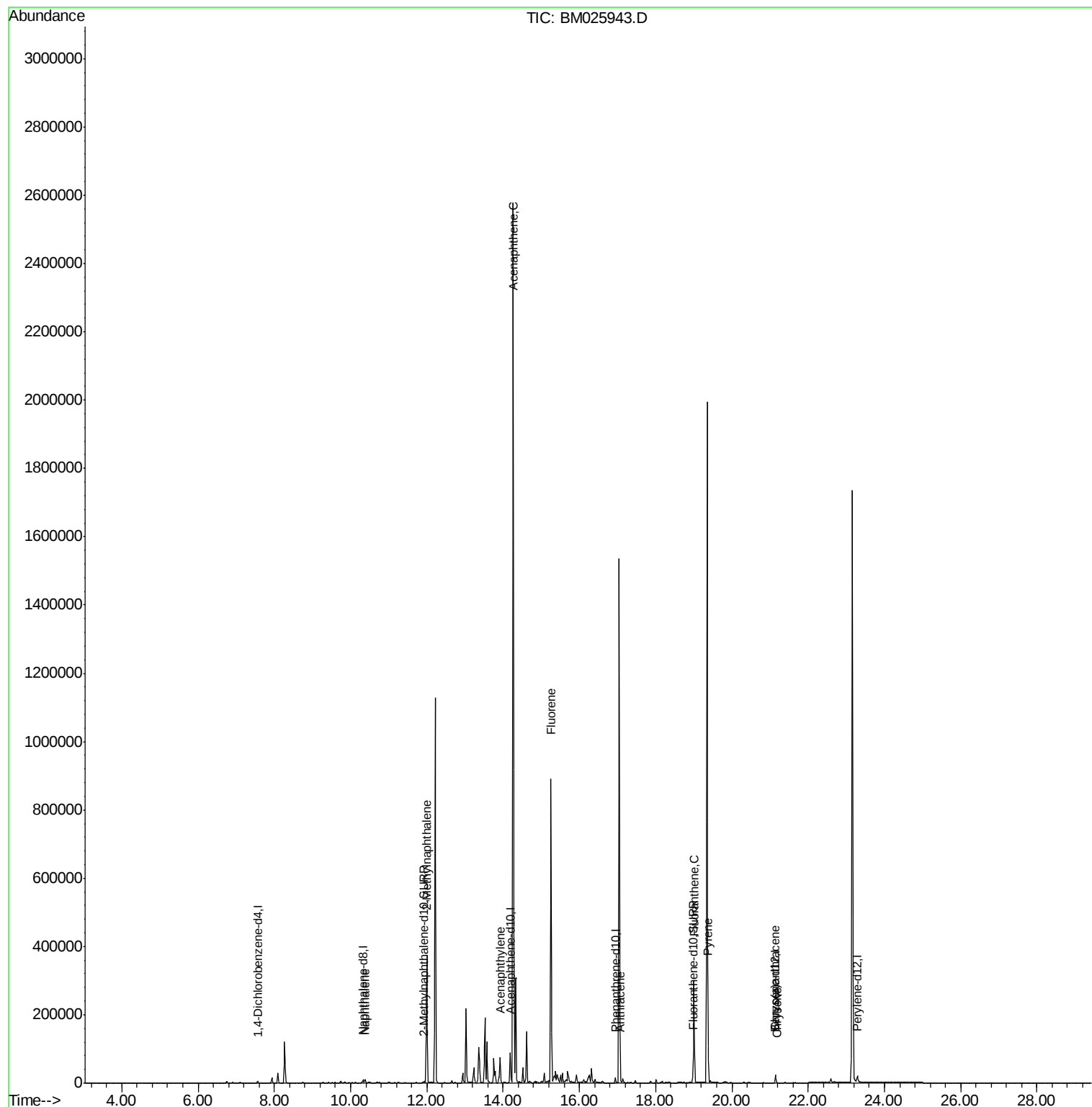
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040620\
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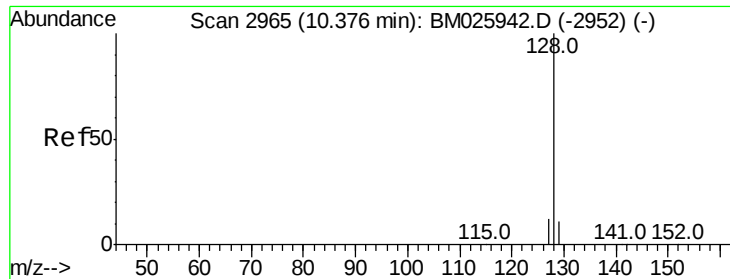
Instrument :
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QLast Update : Thu Apr 02 10:49:07 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.323 ng/ul

RT: 10.38 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BM025943.D

Acq: 06 Apr 2020 12:38

Instrument :

BNA_M

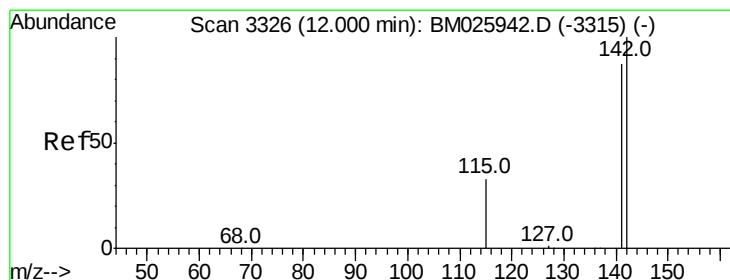
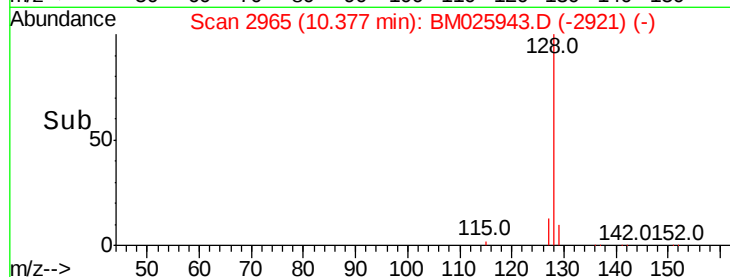
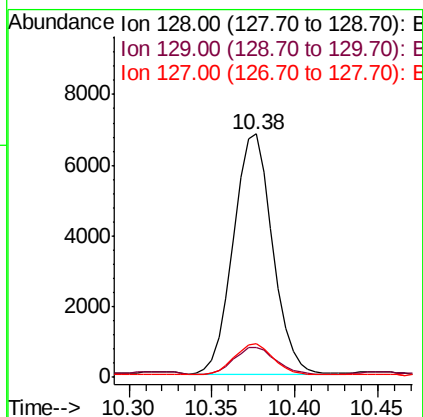
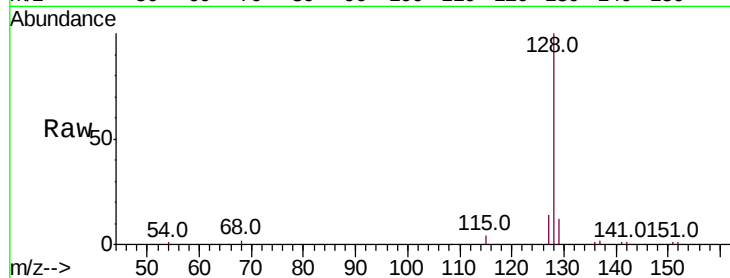
ClientSampleId :

DBF08

Tot Ion:	128	Resp:	11084
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.1	13.7
127	13.9	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 10.790 ng/ul

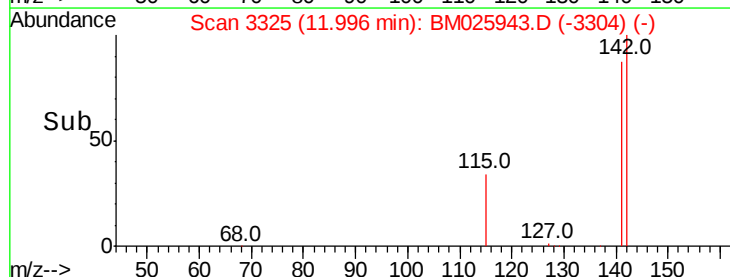
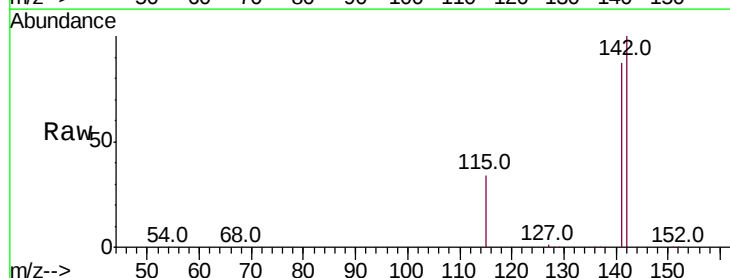
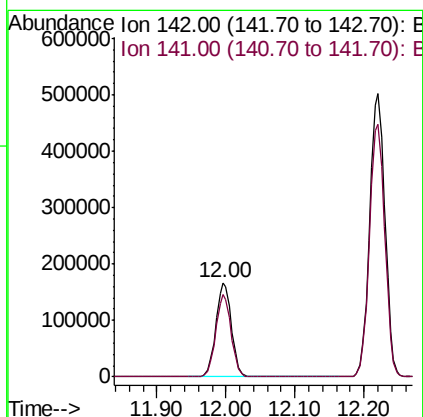
RT: 12.00 min Scan# 3325

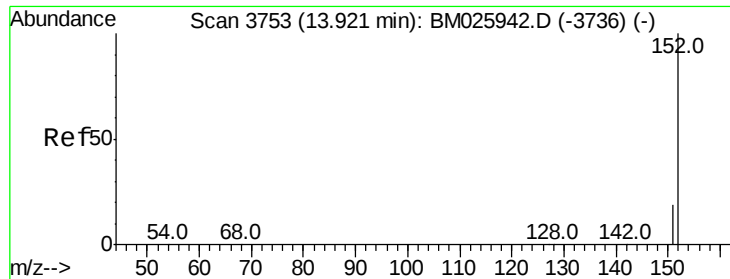
Delta R.T. -0.01 min

Lab File: BM025943.D

Acq: 06 Apr 2020 12:38

Tgt Ion:	142	Resp:	259137
Ion Ratio	Lower	Upper	
142	100		
141	86.7	69.0	103.6





#7

Acenaphthylene

Concen: 1.036 ng/ul

RT: 13.92 min Scan# 3753

Delta R.T. -0.00 min

Lab File: BM025943.D

Acq: 06 Apr 2020 12:38

Instrument :

BNA_M

ClientSampleId :

DBF08

Tot Ion:152 Resp: 47060

Ion Ratio Lower Upper

152 100

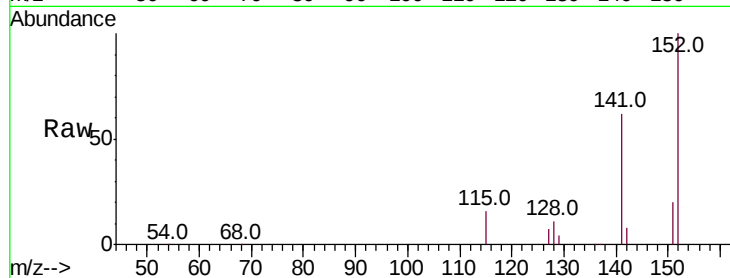
151 20.1 16.1 24.1

153 0.0 0.0 0.0

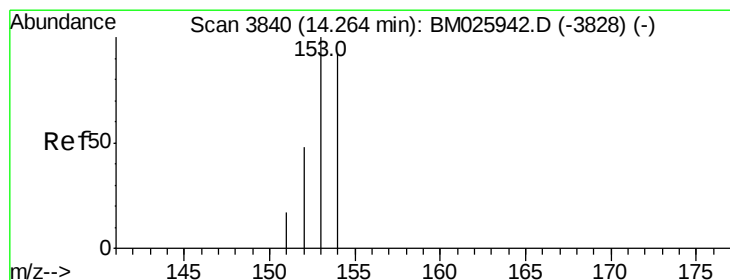
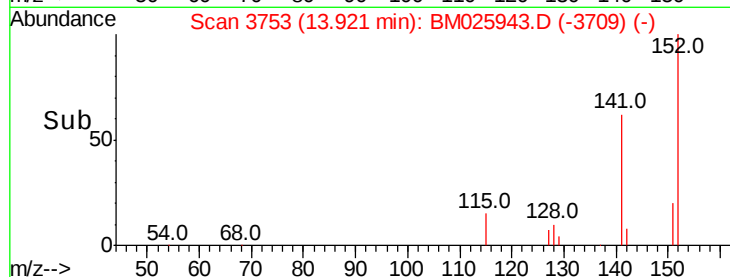
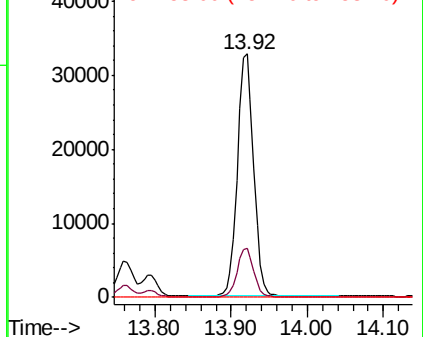
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 38.816 ng/ul

RT: 14.27 min Scan# 3841

Delta R.T. 0.00 min

Lab File: BM025943.D

Acq: 06 Apr 2020 12:38

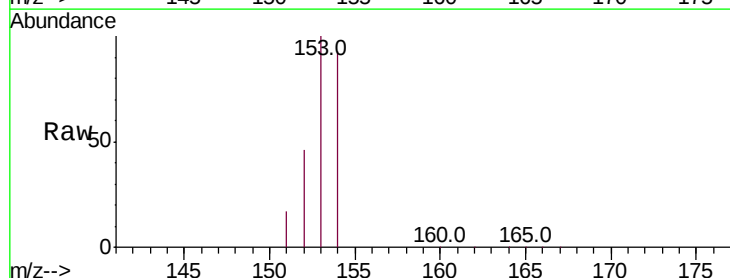
Tgt Ion:153 Resp: 1463113

Ion Ratio Lower Upper

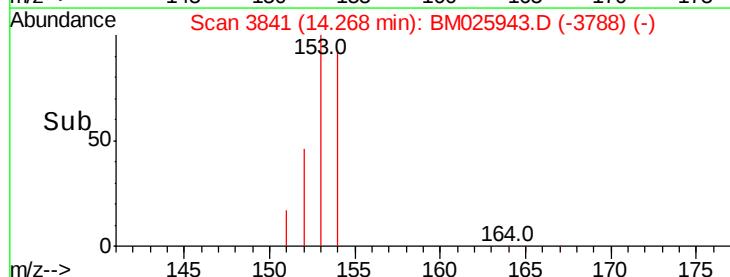
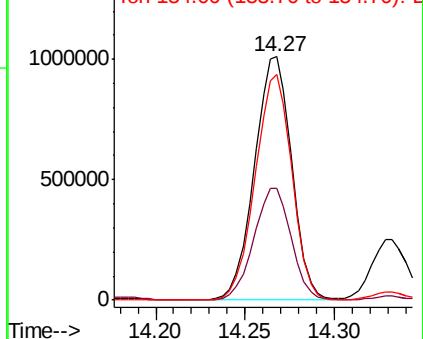
153 100

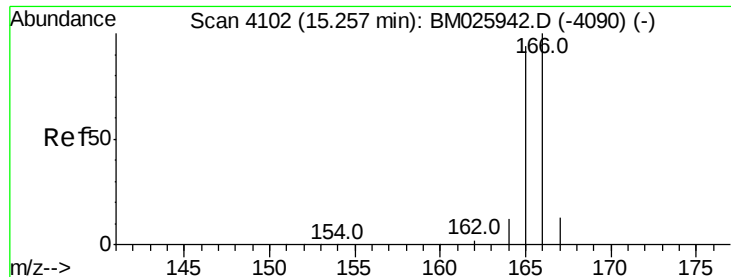
152 45.7 38.8 58.2

154 92.6 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: 11.622 ng/ul

RT: 15.25 min Scan# 4101

Delta R.T. -0.01 min

Lab File: BM025943.D

Acq: 06 Apr 2020 12:38

Instrument :

BNA_M

ClientSampleId :

DBF08

Tot Ion:166 Resp: 543442

Ion Ratio Lower Upper

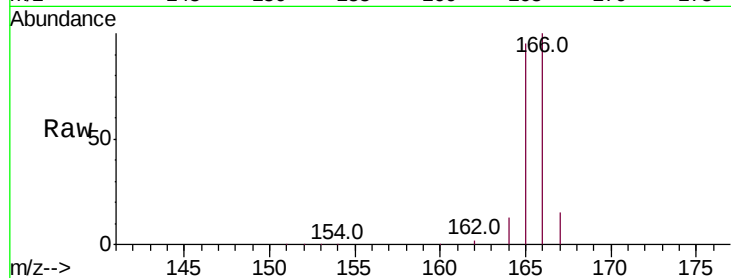
166 100

165 94.9 76.6 115.0

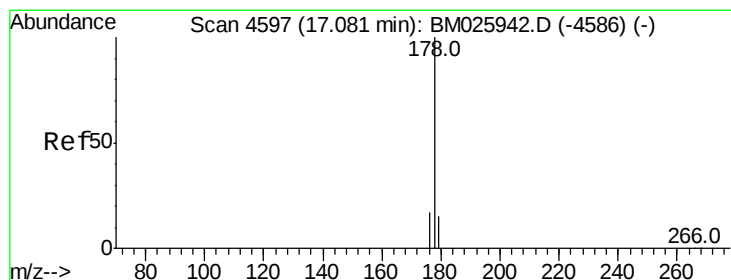
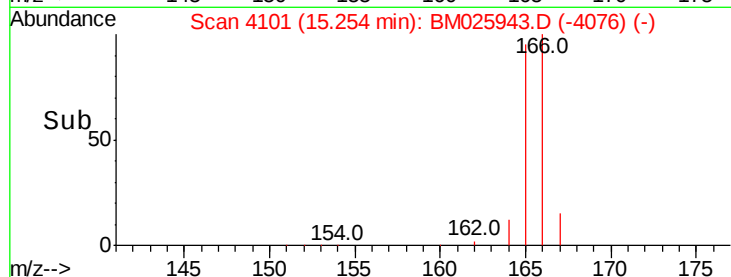
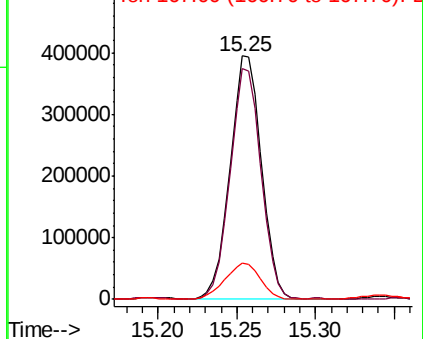
167 15.0 11.4 17.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#13

Anthracene

Concen: 0.097 ng/ul

RT: 17.08 min Scan# 4597

Delta R.T. -0.00 min

Lab File: BM025943.D

Acq: 06 Apr 2020 12:38

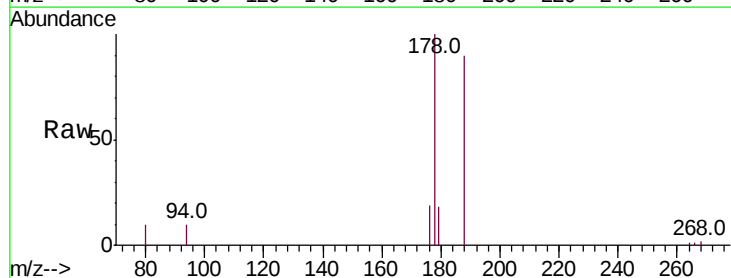
Tgt Ion:178 Resp: 5186

Ion Ratio Lower Upper

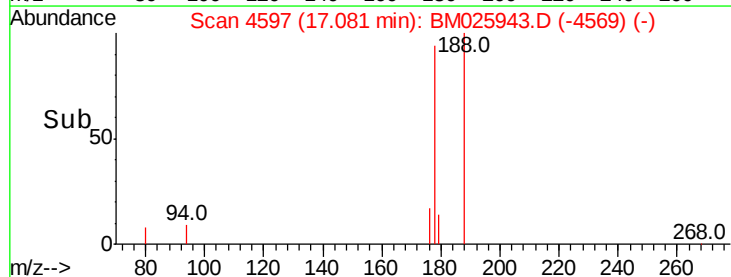
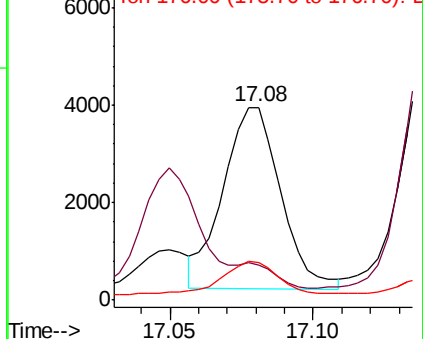
178 100

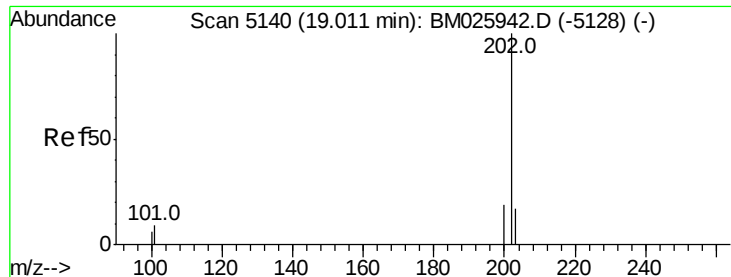
179 18.4 12.8 19.2

176 19.2 14.5 21.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





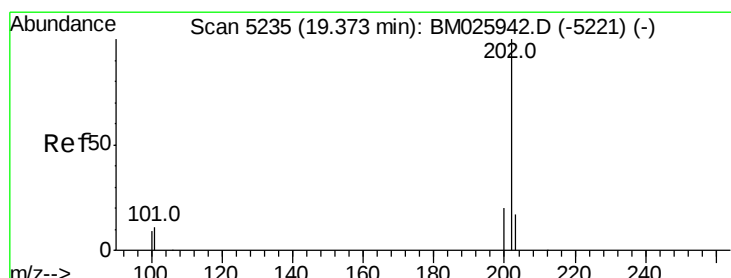
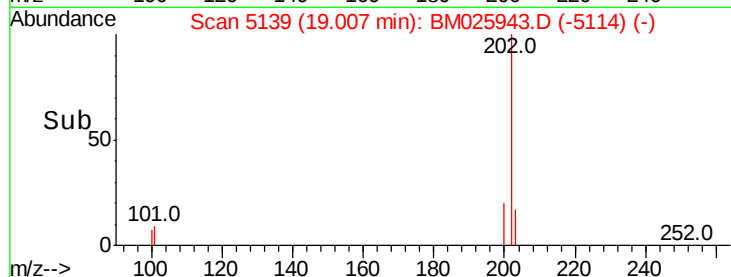
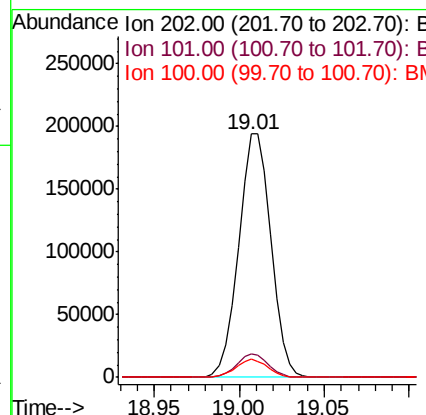
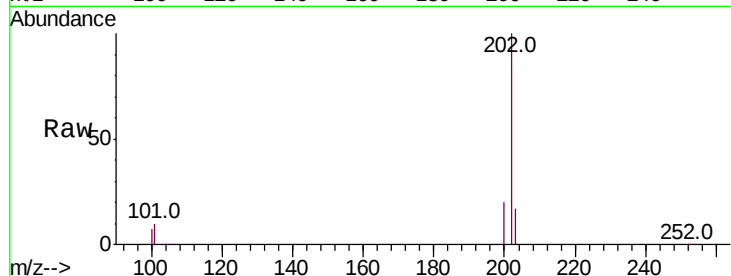
#15
Fluoranthene
Concen: 3.441 ng/ul
RT: 19.01 min Scan# 5139
Delta R.T. -0.01 min
Lab File: BM025943.D
Acq: 06 Apr 2020 12:38

Instrument :
BNA_M
ClientSampled :
DBF08

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.5	0.0	28.6
100	7.3	0.0	27.0

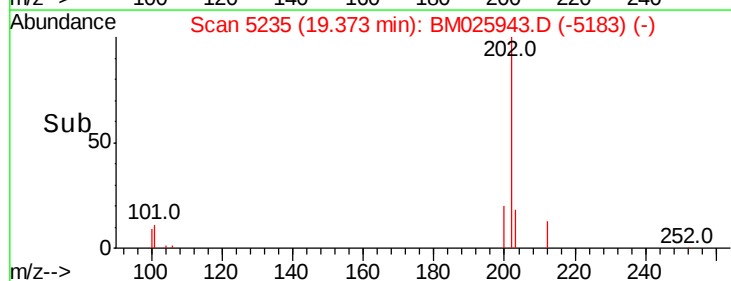
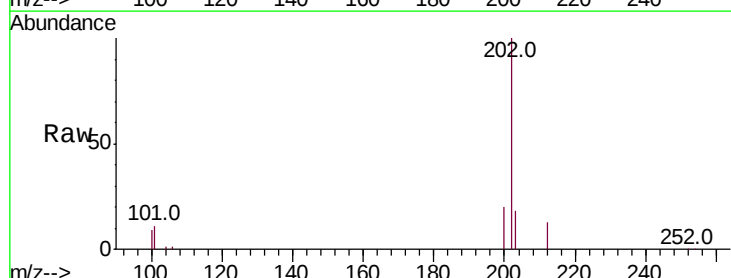
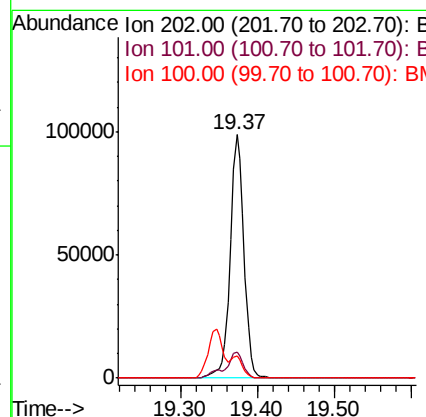
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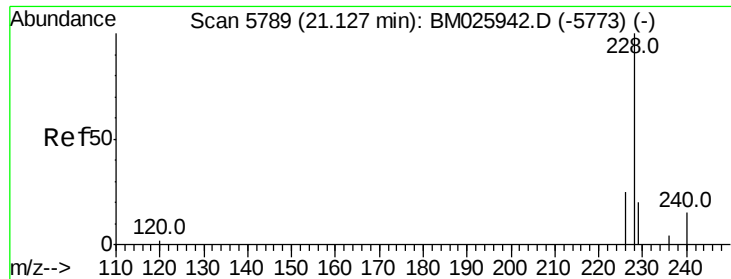
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#17
Pyrene
Concen: 1.738 ng/ul
RT: 19.37 min Scan# 5235
Delta R.T. -0.00 min
Lab File: BM025943.D
Acq: 06 Apr 2020 12:38

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	7.5	11.3
100	8.9	6.3	9.5





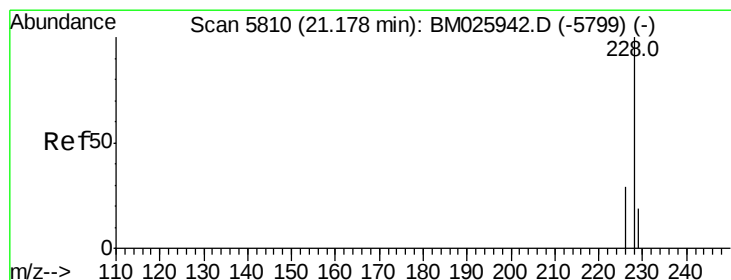
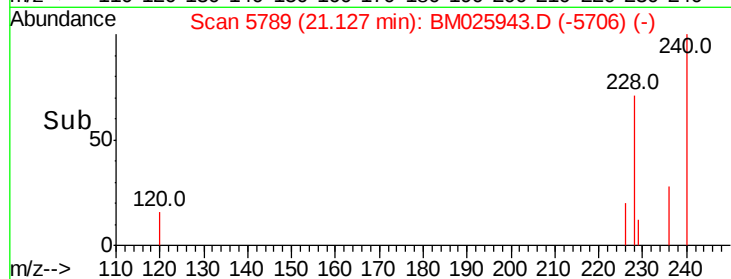
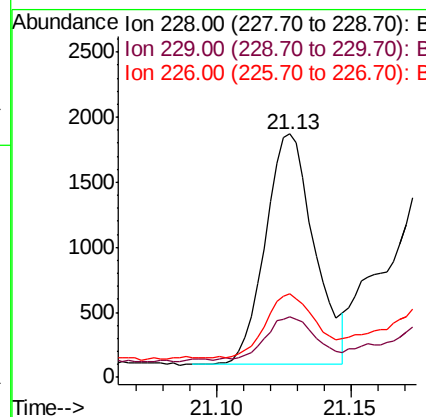
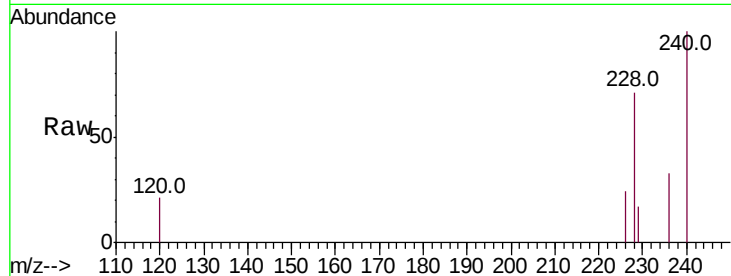
#18
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.13 min Scan# 5789
Delta R.T. -0.00 min
Lab File: BM025943.D
Acq: 06 Apr 2020 12:38

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.8	23.8#
226	34.6	20.9	31.3#

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#19
Chrysene
Concen: 0.032 ng/ul
RT: 21.18 min Scan# 5810
Delta R.T. -0.00 min
Lab File: BM025943.D
Acq: 06 Apr 2020 12:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.9	22.9	34.3#
229	26.3	15.8	23.8#

