

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033592.D
 Acq On : 23 Dec 2021 01:16
 Operator : CG/JU
 Sample : M5090-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG3C6

Quant Time: Dec 23 02:56:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 12:43:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

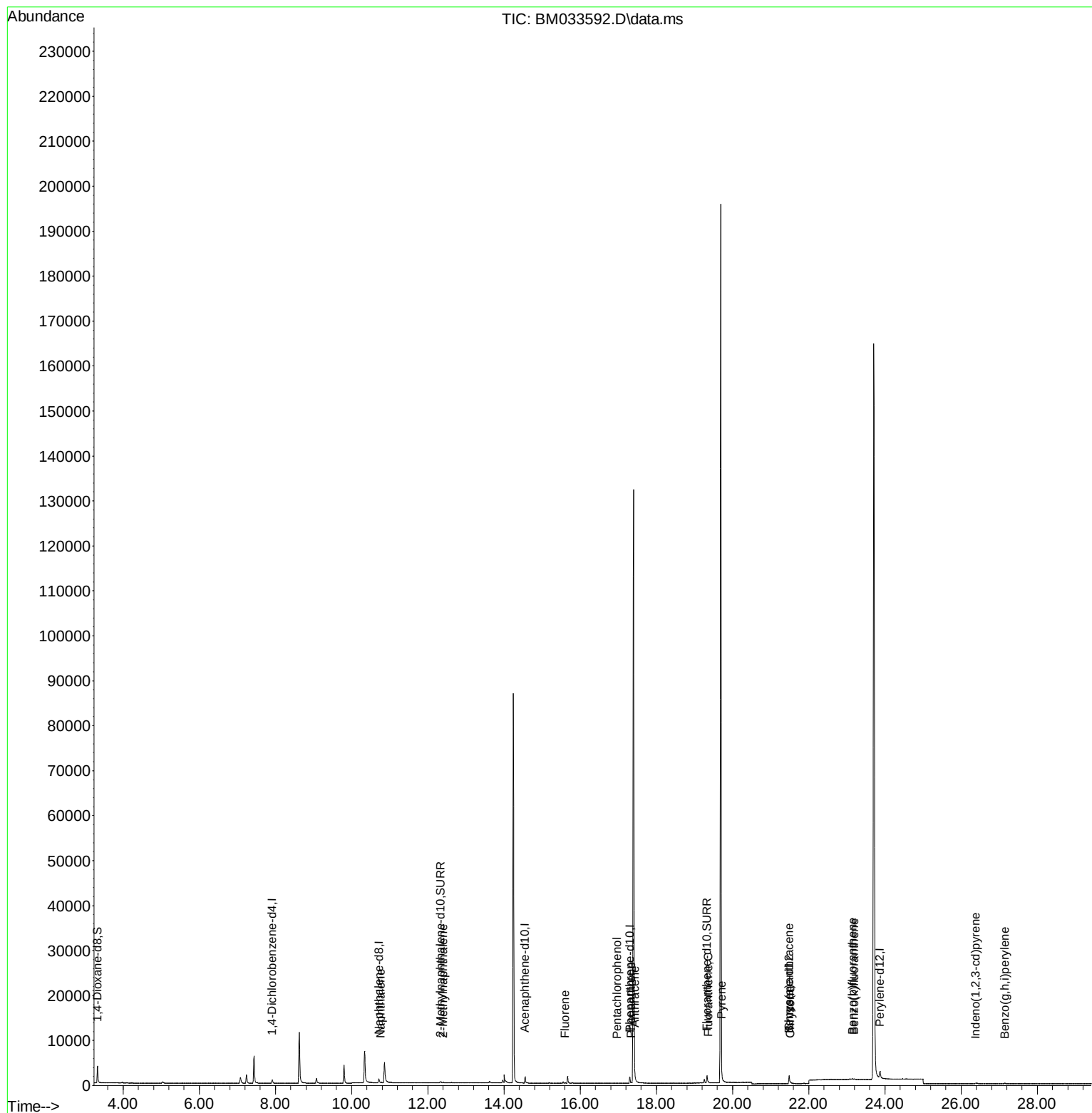
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	483	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	1205	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.553	164	795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.302	188	1798	0.400	ng/ul	-0.01
17) Chrysene-d12	21.487	240	2101	0.400	ng/ul	0.00
23) Perylene-d12	23.871	264	2634	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	2121	5.144	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	507	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.330	212	2001	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	143	0.036	ng/ul#	35
7) 2-Methylnaphthalene	12.402	142	75	0.028	ng/ul	93
12) Fluorene	15.607	166	93	0.026	ng/ul#	84
14) Pentachlorophenol	16.973	266	34	0.038	ng/ul#	77
15) Phenanthrene	17.344	178	236	0.040	ng/ul#	59
16) Anthracene	17.434	178	170	0.031	ng/ul#	43
19) Fluoranthene	19.361	202	279	0.043	ng/ul#	46
20) Pyrene	19.716	202	268	0.040	ng/ul#	2
21) Benzo(a)anthracene	21.478	228	192	0.033	ng/ul#	50
22) Chrysene	21.523	228	232	0.036	ng/ul#	59
24) Benzo(b)fluoranthene	23.144	252	270	0.032	ng/ul#	1
25) Benzo(k)fluoranthene	23.195	252	221	0.025	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.381	276	243	0.023	ng/ul#	69
29) Benzo(g,h,i)perylene	27.141	276	213	0.023	ng/ul#	24

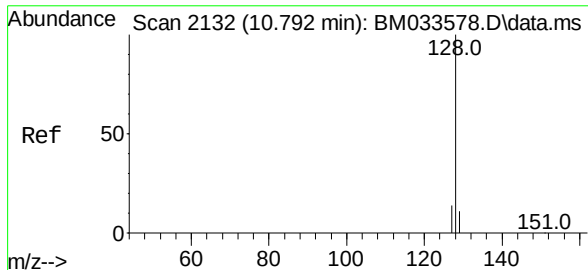
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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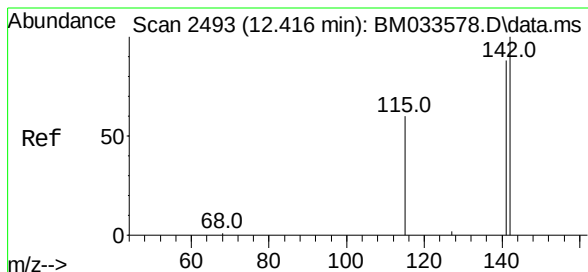
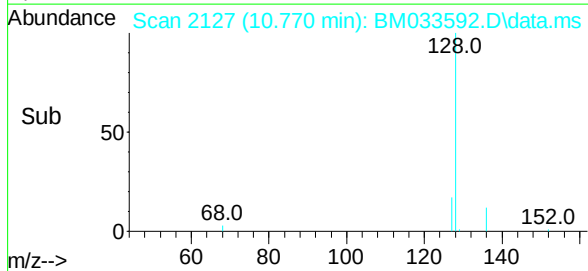
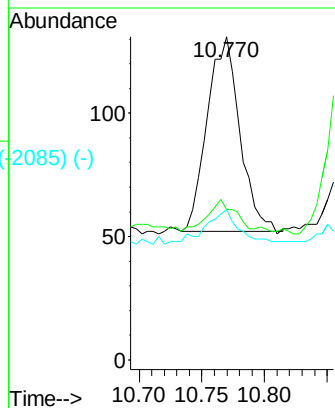
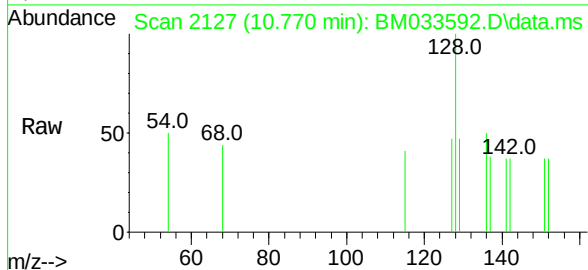




Naphthalene
 Concen: 0.036 ng/ul
 RT: 10.770 min Scan# 2127
 Delta R.T. -0.009 min
 Lab File: BM033592.D
 Acq: 23 Dec 2021 01:16

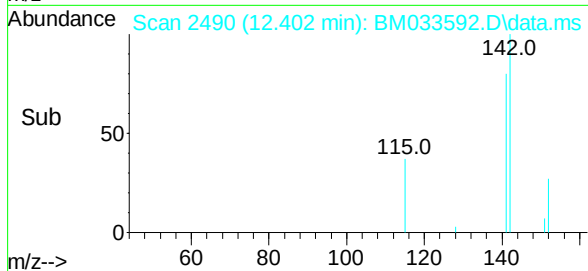
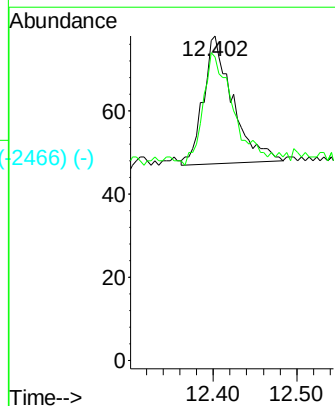
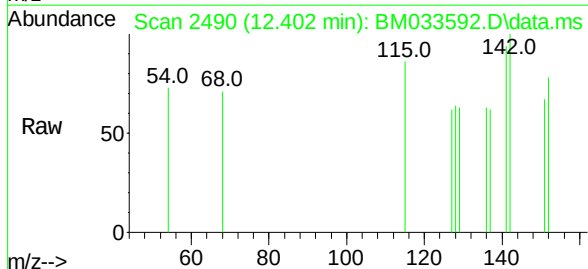
Instrument :
 BNA_M
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 BG3C6

Tgt Ion:	128	Resp:	143
Ion	Ratio	Lower	Upper
128	100		
129	46.6	13.4	20.2#
127	46.6	15.2	22.8#



2-Methylnaphthalene
 Concen: 0.028 ng/ul
 RT: 12.402 min Scan# 2490
 Delta R.T. 0.009 min
 Lab File: BM033592.D
 Acq: 23 Dec 2021 01:16

Tgt Ion:	142	Resp:	75
Ion	Ratio	Lower	Upper
142	100		
141	96.0	71.8	107.6



Abundance Scan 3275 (15.630 min): BM033578.D\data.ms (-3275) (-)

Fluorene

Concen: 0.026 ng/ul

RT: 15.607 min Scan#

Delta R.T. -0.011 min

Lab File: BM033592.D

Acq: 23 Dec 2021 01:16

Instrument :

BNA_M

ClientSampleId :

BG3C6

Tgt Ion:166 Resp: 93

Ion Ratio Lower Upper

166 100

165 96.4 81.1 121.7

167 52.7 14.9 22.3#

Abundance Scan 3269 (15.607 min): BM033592.D\data.ms

Raw

m/z-->

151.0 160.0 166.0

152.0 166.0

152.0 166.0

152.0 166.0

152.0 166.0

152.0 166.0

152.0 166.0

152.0 166.0

152.0 166.0

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152.0 166.0

152.0 166.0

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152.0 166.0

152.0 166.0

152.0 166.0

Abundance

200

150

100

50

0

15.55 15.60 15.65

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Abundance Scan 3649 (16.993 min): BM033578.D\data.ms (-3649) (-)

Pentachlorophenol

Concen: 0.038 ng/ul

RT: 16.973 min Scan# 3643

Delta R.T. -0.007 min

Lab File: BM033592.D

Acq: 23 Dec 2021 01:16

Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 47.1 51.4 77.0#

268 47.1 53.1 79.7#

Abundance Scan 3643 (16.973 min): BM033592.D\data.ms

Raw

m/z-->

80.0 178.0 266.0

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80.0 178.0 266.0

Abundance

60

40

20

0

16.90 16.95 17.00

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16.90 16.95 17.00

16.90 16.95 17.00

16.90 16.95 17.00

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Abundance Scan 3756 (17.365 min): BM033578.D\data.ms (-3715) (-)

Phenanthrene

Concen: 0.040 ng/ul

RT: 17.344 min Scan#

Delta R.T. -0.014 min

Lab File: BM033592.D

Acq: 23 Dec 2021 01:16

Instrument :

BNA_M

ClientSampleId :

BG3C6

Tgt Ion:178 Resp: 236

Ion Ratio Lower Upper

178 100

179 39.9 15.0 22.6#

176 39.9 17.9 26.9#

Abundance Scan 3750 (17.344 min): BM033592.D\data.ms

Raw

80.0 178.0 268.0

m/z-->

Abundance Scan 3750 (17.344 min): BM033592.D\data.ms (-3696) (-)

Sub

80.0 178.0 268.0

m/z-->

Abundance

17.344

Time-->

Abundance Scan 3786 (17.469 min): BM033578.D\data.ms (-3716) (-)

Anthracene

Concen: 0.031 ng/ul

RT: 17.434 min Scan# 3776

Delta R.T. -0.017 min

Lab File: BM033592.D

Acq: 23 Dec 2021 01:16

Tgt Ion:178 Resp: 170

Ion Ratio Lower Upper

178 100

179 51.5 16.5 24.7#

176 46.2 18.3 27.5#

Abundance Scan 3776 (17.434 min): BM033592.D\data.ms

Raw

80.0 188.0 266.0

m/z-->

Abundance Scan 3776 (17.434 min): BM033592.D\data.ms (-3752) (-)

Sub

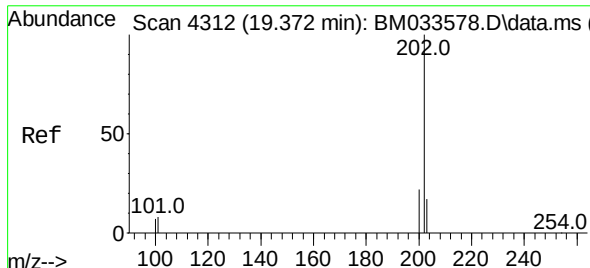
80.0 188.0 266.0

m/z-->

Abundance

17.434

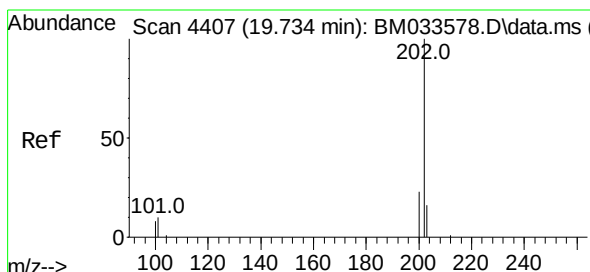
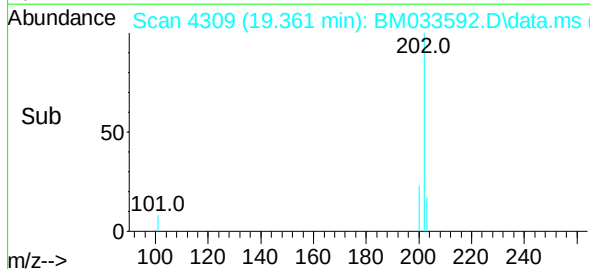
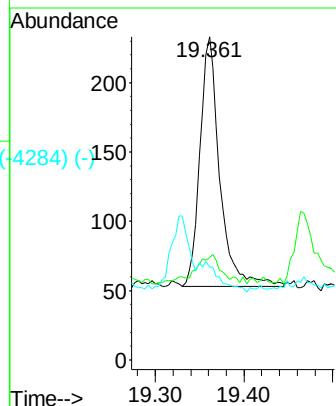
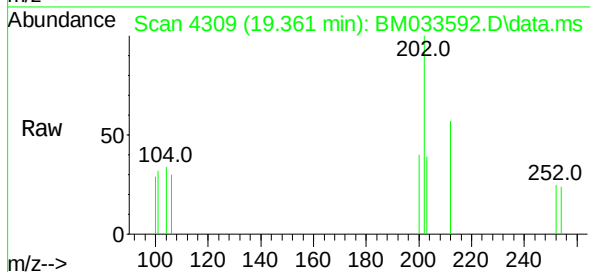
Time-->



Scan 4312 (19.372 min): BM033578.D\data.ms (-4312) (-)
 Fluoranthene
 Concen: 0.043 ng/ul
 RT: 19.361 min Scan# 4309
 Delta R.T. -0.004 min
 Lab File: BM033592.D
 Acq: 23 Dec 2021 01:16

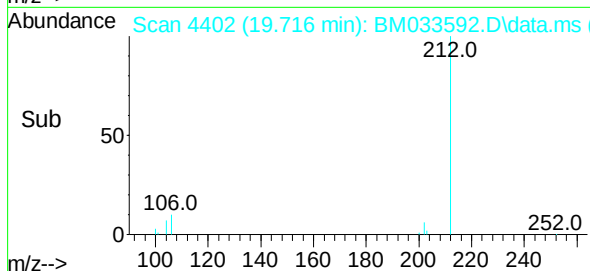
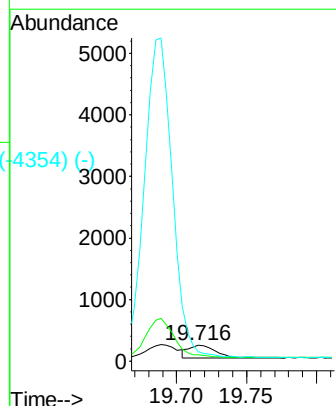
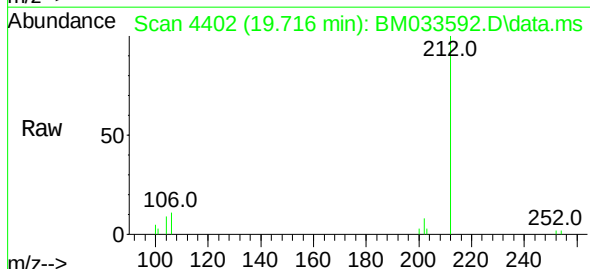
Instrument :
 BNA_M
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 BG3C6

Tgt Ion:	202	Resp:	279
Ion	Ratio	Lower	Upper
202	100		
101	31.8	9.2	13.8#
100	28.8	7.2	10.8#

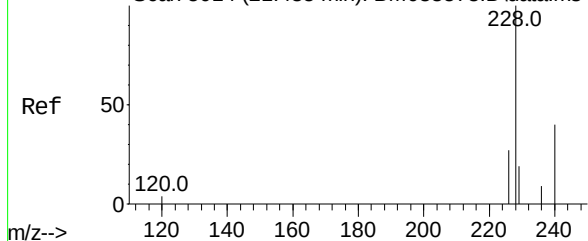


Scan 4407 (19.734 min): BM033578.D\data.ms (-4407) (-)
 Pyrene
 Concen: 0.040 ng/ul
 RT: 19.716 min Scan# 4402
 Delta R.T. -0.015 min
 Lab File: BM033592.D
 Acq: 23 Dec 2021 01:16

Tgt Ion:	202	Resp:	268
Ion	Ratio	Lower	Upper
202	100		
101	37.5	9.3	13.9#
100	59.4	7.8	11.6#



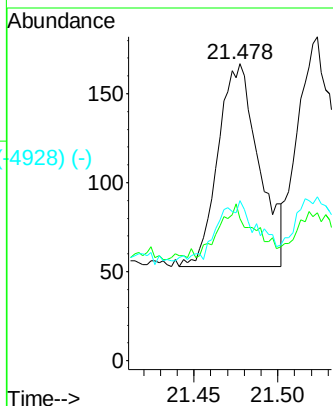
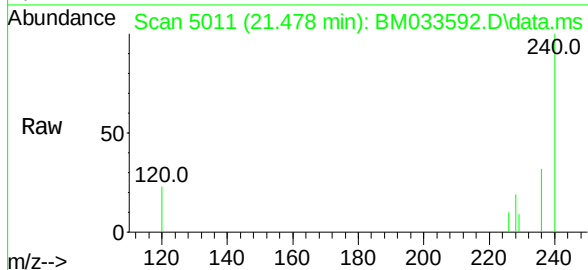
Abundance Scan 5014 (21.485 min): BM033578.D\data.ms (-500) (-)



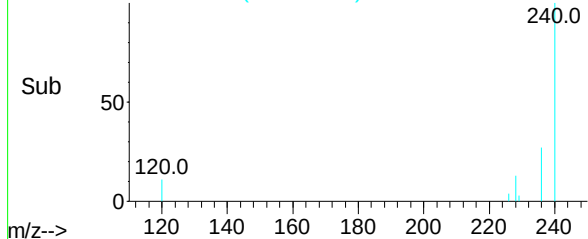
Benzo(a)anthracene
Concen: 0.033 ng/ul
RT: 21.478 min Scan# 5010
Delta R.T. 0.000 min
Lab File: BM033592.D
Acq: 23 Dec 2021 01:16

Instrument :
BNA_M
ClientSampleId :
BG3C6

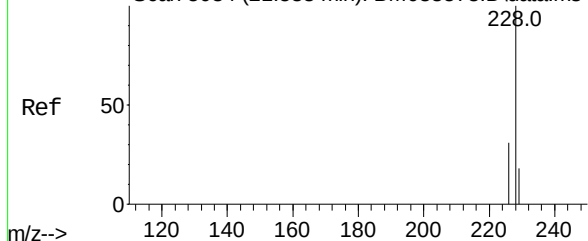
Tgt Ion:228 Resp: 192
Ion Ratio Lower Upper
228 100
229 47.9 17.3 25.9#
226 53.9 23.2 34.8#



Abundance Scan 5011 (21.478 min): BM033592.D\data.ms (-4928) (-)

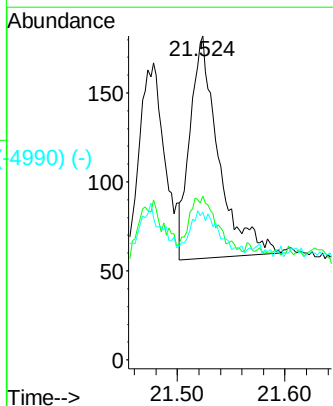
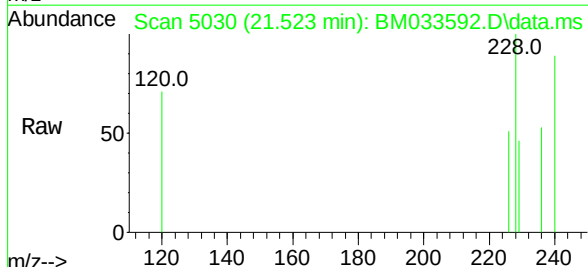


Abundance Scan 5034 (21.533 min): BM033578.D\data.ms (-5020) (-)

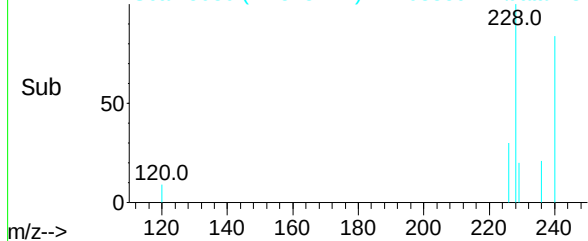


Chrysene
Concen: 0.036 ng/ul
RT: 21.523 min Scan# 5030
Delta R.T. -0.002 min
Lab File: BM033592.D
Acq: 23 Dec 2021 01:16

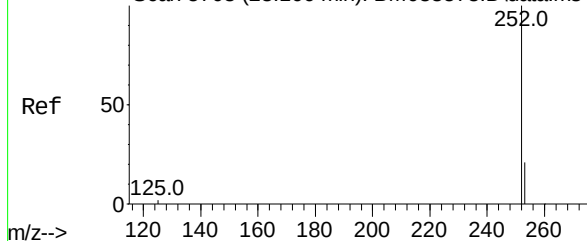
Tgt Ion:228 Resp: 232
Ion Ratio Lower Upper
228 100
226 50.5 25.8 38.8#
229 45.6 16.7 25.1#



Abundance Scan 5030 (21.523 min): BM033592.D\data.ms (-4990) (-)



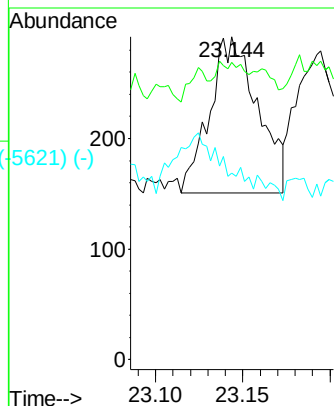
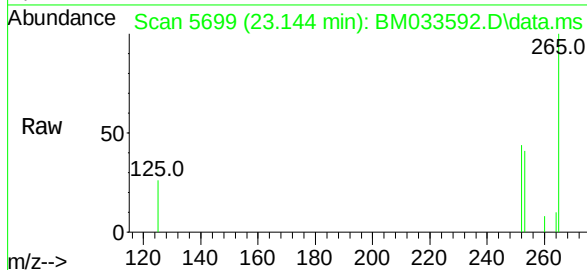
Abundance Scan 5708 (23.166 min): BM033578.D\data.ms (-5624) (-)



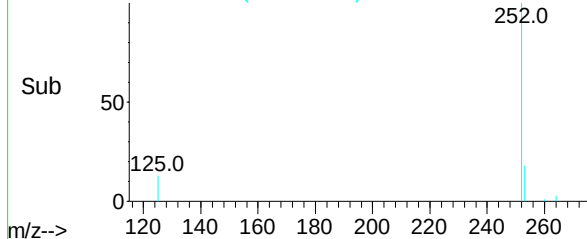
Benzo(b)fluoranthene
Concen: 0.032 ng/ul
RT: 23.144 min Scan# 5708
Delta R.T. -0.012 min
Lab File: BM033592.D
Acq: 23 Dec 2021 01:16

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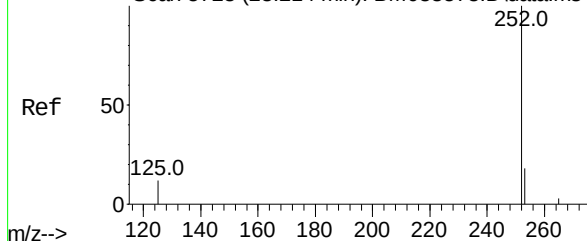
Tgt Ion:	252	Resp:	270
Ion	Ratio	Lower	Upper
252	100		
253	92.1	0.0	64.2#
125	57.9	0.0	28.8#



Abundance Scan 5699 (23.144 min): BM033592.D\data.ms (-5621) (-)

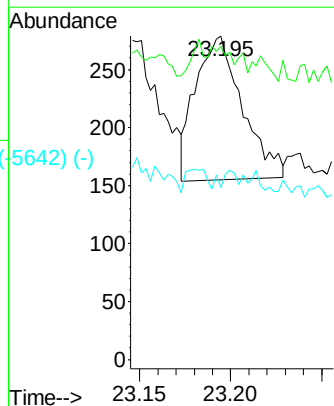
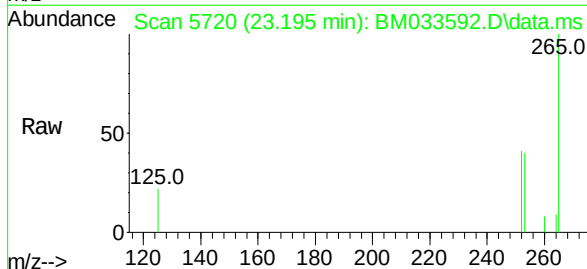


Abundance Scan 5728 (23.214 min): BM033578.D\data.ms (-5725) (-)

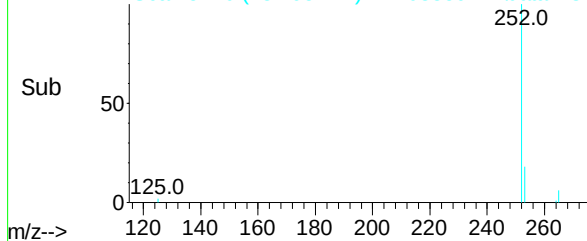


Benzo(k)fluoranthene
Concen: 0.025 ng/ul
RT: 23.195 min Scan# 5720
Delta R.T. -0.012 min
Lab File: BM033592.D
Acq: 23 Dec 2021 01:16

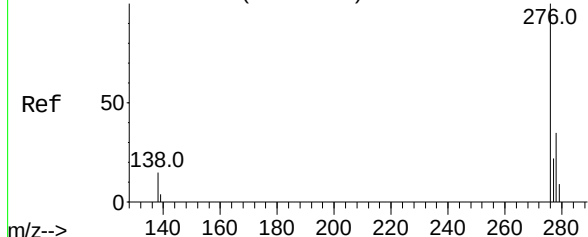
Tgt Ion:	252	Resp:	221
Ion	Ratio	Lower	Upper
252	100		
253	96.8	26.8	40.2#
125	53.0	12.0	18.0#



Abundance Scan 5720 (23.195 min): BM033592.D\data.ms (-5642) (-)



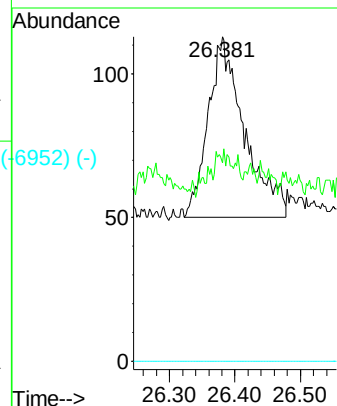
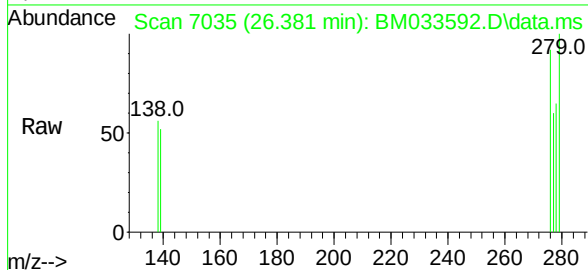
Abundance Scan 7039 (26.390 min): BM033578.D\data.ms (-727) (-)



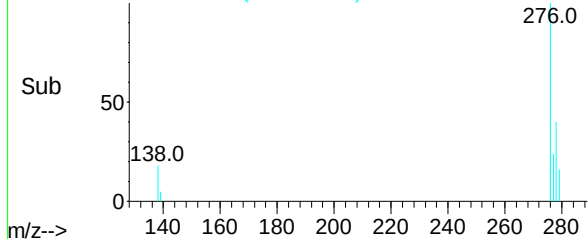
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 26.381 min Scan#
Delta R.T. 0.000 min
Lab File: BM033592.D
Acq: 23 Dec 2021 01:16

Instrument :
BNA_M
ClientSampleId :
BG3C6

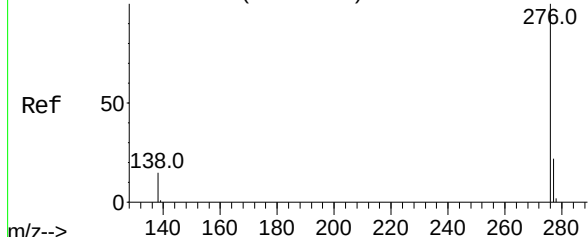
Tgt Ion:	276	Resp:	243
Ion	Ratio	Lower	Upper
276	100		
138	5.3	15.8	23.6#
227	0.0	0.0	0.0



Abundance Scan 7035 (26.381 min): BM033592.D\data.ms (-6952) (-)

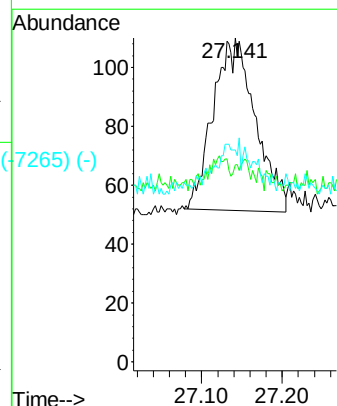
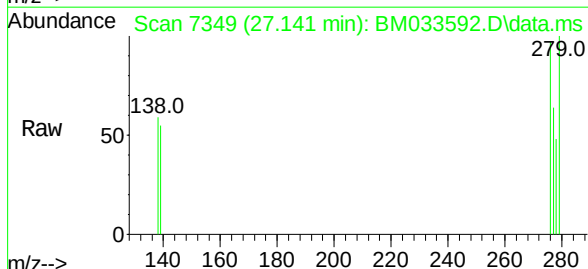


Abundance Scan 7350 (27.144 min): BM033578.D\data.ms (-729) (-)



Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.141 min Scan# 7349
Delta R.T. 0.003 min
Lab File: BM033592.D
Acq: 23 Dec 2021 01:16

Tgt Ion:	276	Resp:	213
Ion	Ratio	Lower	Upper
276	100		
138	60.9	17.4	26.0#
277	65.5	22.6	33.8#



Abundance Scan 7349 (27.141 min): BM033592.D\data.ms (-7265) (-)

