

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
 Data File : BM033443.D
 Acq On : 14 Dec 2021 16:24
 Operator : CG/JU
 Sample : SSTD1.619
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6026

Quant Time: Dec 15 00:39:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 00:38:17 2021
 Response via : Initial Calibration

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

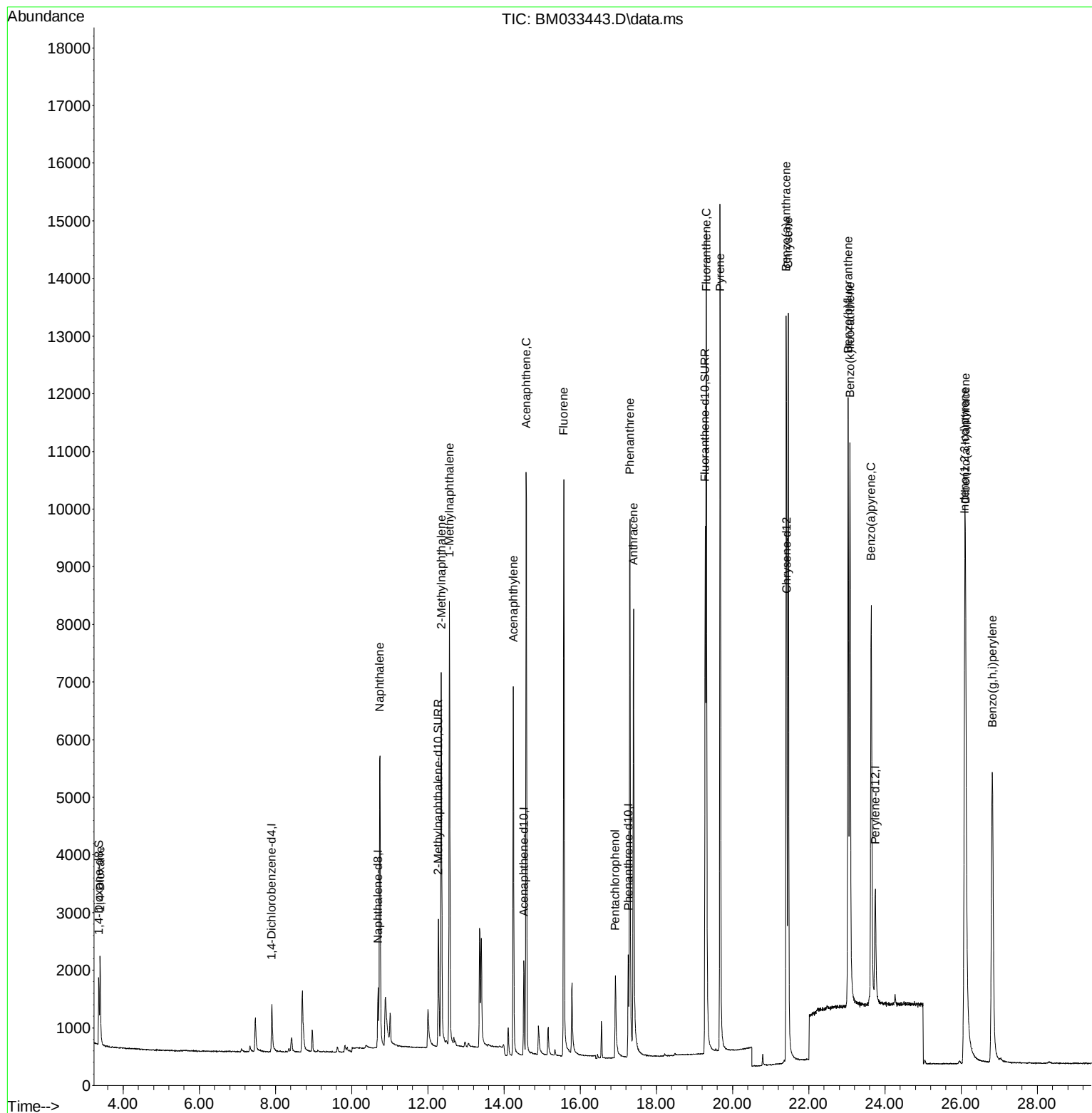
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	584	0.40	ng/ul	0.00
4) Naphthalene-d8	10.693	136	1434	0.40	ng/ul	-0.01
9) Acenaphthene-d10	14.519	164	939	0.40	ng/ul	-0.01
13) Phenanthrene-d10	17.264	188	2309	0.40	ng/ul	-0.02
17) Chrysene-d12	21.424	240	3315	0.40	ng/ul	-0.01
23) Perylene-d12	23.747	264	3177	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	704	1.18	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.276	152	3129	1.59	ng/ul	-0.03
18) Fluoranthene-d10	19.280	212	11323	1.31	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.396	88	972	1.40	ng/ul#	86
5) Naphthalene	10.742	128	8065	1.83	ng/ul#	90
7) 2-Methylnaphthalene	12.353	142	5190	1.85	ng/ul	96
8) 1-Methylnaphthalene	12.568	142	5207	1.86	ng/ul	98
10) Acenaphthylene	14.246	152	8034	1.68	ng/ul#	92
11) Acenaphthene	14.583	153	6310	1.73	ng/ul	99
12) Fluorene	15.569	166	7009	1.67	ng/ul#	97
14) Pentachlorophenol	16.924	266	1360	1.77	ng/ul	97
15) Phenanthrene	17.302	178	11164	1.47	ng/ul	95
16) Anthracene	17.399	178	10699	1.55	ng/ul#	92
19) Fluoranthene	19.311	202	13469	1.08	ng/ul#	95
20) Pyrene	19.673	202	13988	1.07	ng/ul#	89
21) Benzo(a)anthracene	21.409	228	12227	1.19	ng/ul	96
22) Chrysene	21.460	228	13401	1.12	ng/ul	96
24) Benzo(b)fluoranthene	23.034	252	14056	1.21	ng/ul	89
25) Benzo(k)fluoranthene	23.083	252	14874	1.13	ng/ul#	87
26) Benzo(a)pyrene	23.640	252	12502	1.16	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.097	276	14953	1.06	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.114	278	12637	1.09	ng/ul#	85
29) Benzo(g,h,i)perylene	26.819	276	12964	1.03	ng/ul	95

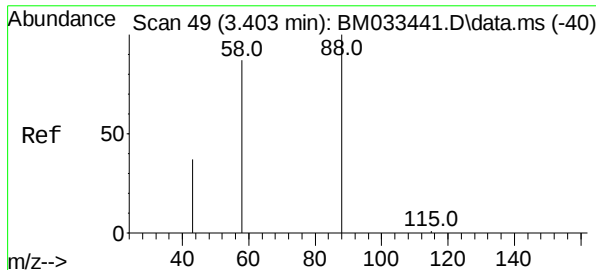
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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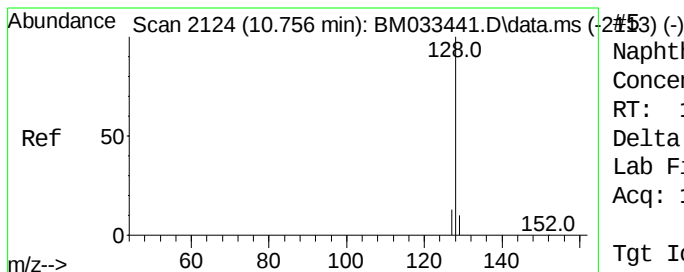
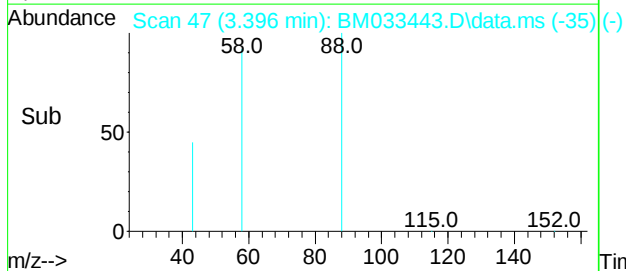
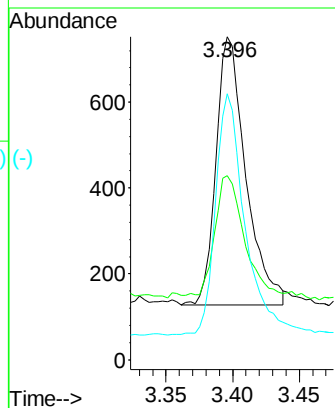
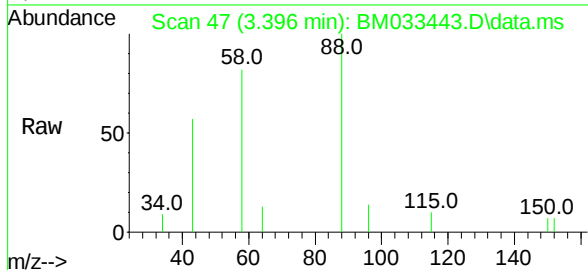




1,4-Dioxane
Concen: 1.40 ng/ul
RT: 3.396 min Scan# 41
Delta R.T. -0.007 min
Lab File: BM033443.D
Acq: 14 Dec 2021 16:24

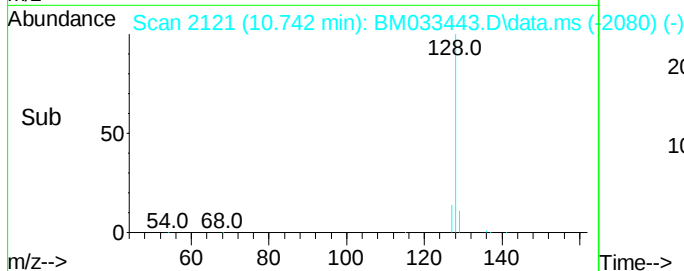
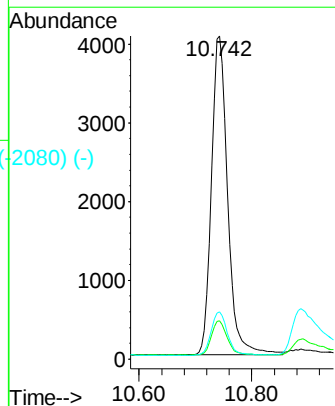
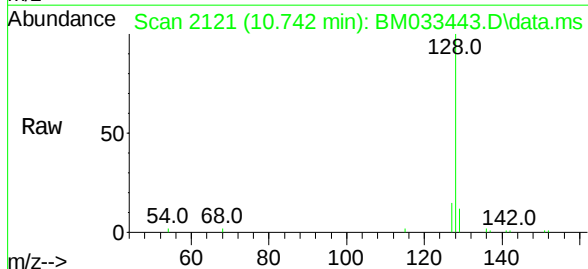
Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion: 88 Resp: 972
Ion Ratio Lower Upper
88 100
43 57.0 49.7 74.5
58 82.3 52.5 78.7#



Naphthalene
Concen: 1.83 ng/ul
RT: 10.742 min Scan# 2121
Delta R.T. -0.014 min
Lab File: BM033443.D
Acq: 14 Dec 2021 16:24

Tgt Ion:128 Resp: 8065
Ion Ratio Lower Upper
128 100
129 11.9 13.4 20.2#
127 14.6 15.2 22.8#



Abundance Scan 2483 (12.371 min): BM033441.D\data.ms (-2473) (-)

2-Methylnaphthalene

Concen: 1.85 ng/ul

RT: 12.353 min Scan# 2479

Delta R.T. -0.018 min

Lab File: BM033443.D

Acq: 14 Dec 2021 16:24

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026

Tgt Ion:142 Resp: 5190

Ion Ratio Lower Upper

142 100

141 93.7 71.8 107.6

Abundance Scan 2479 (12.353 min): BM033443.D\data.ms

Ref

54.0 68.0

115.0

142.0

m/z-->

Abundance Scan 2479 (12.353 min): BM033443.D\data.ms (-2461) (-)

Sub

115.0

142.0

m/z-->

Abundance

3000

2000

1000

0

12.353

Time-->

Abundance Scan 2530 (12.582 min): BM033441.D\data.ms (-2519) (-)

1-Methylnaphthalene

Concen: 1.86 ng/ul

RT: 12.568 min Scan# 2527

Delta R.T. -0.014 min

Lab File: BM033443.D

Acq: 14 Dec 2021 16:24

Tgt Ion:142 Resp: 5207

Ion Ratio Lower Upper

142 100

141 95.8 75.0 112.4

Abundance Scan 2527 (12.568 min): BM033443.D\data.ms

Ref

54.0 68.0

115.0

142.0

m/z-->

Abundance Scan 2527 (12.568 min): BM033443.D\data.ms (-2508) (-)

Sub

115.0

142.0

m/z-->

Abundance

3000

2000

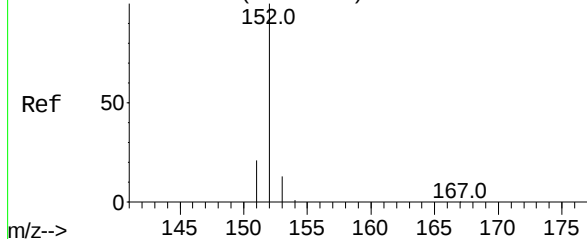
1000

0

12.568

Time-->

Abundance Scan 2913 (14.257 min): BM033441.D\data.ms (-2913) (-)



Acenaphthylene

Concen: 1.68 ng/ul

RT: 14.246 min Scan# 2910

Delta R.T. -0.011 min

Lab File: BM033443.D

Acq: 14 Dec 2021 16:24

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026

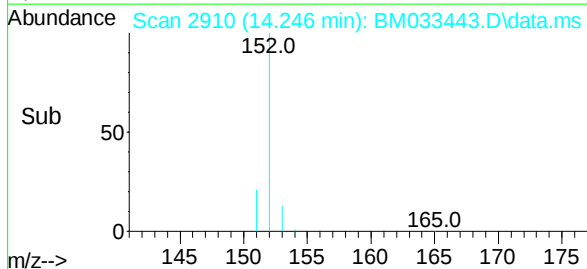
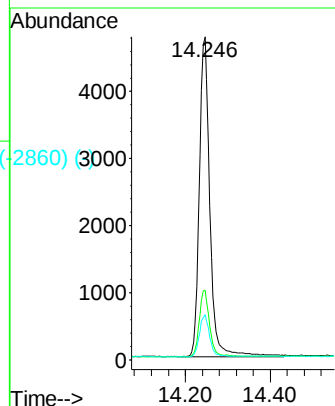
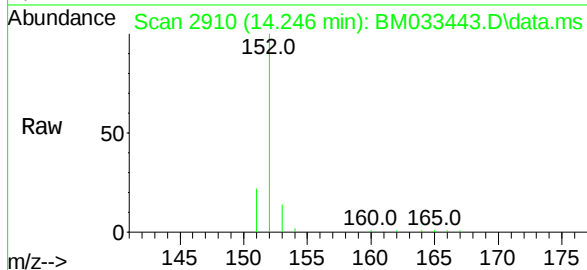
Tgt Ion:152 Resp: 8034

Ion Ratio Lower Upper

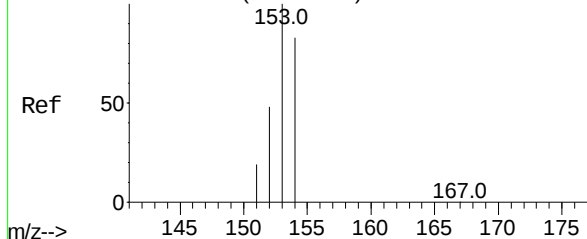
152 100

151 21.5 19.9 29.9

153 14.0 15.0 22.4#



Abundance Scan 3001 (14.591 min): BM033441.D\data.ms (-2911) (-)



Acenaphthene

Concen: 1.73 ng/ul

RT: 14.583 min Scan# 2999

Delta R.T. -0.008 min

Lab File: BM033443.D

Acq: 14 Dec 2021 16:24

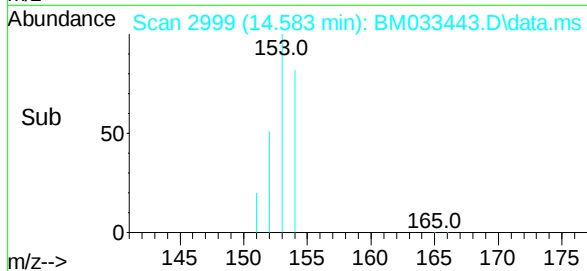
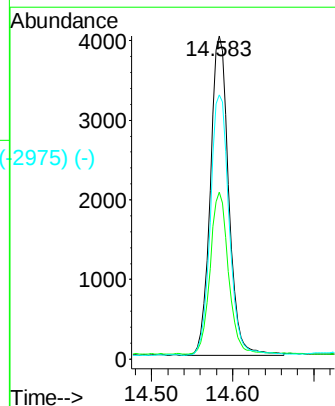
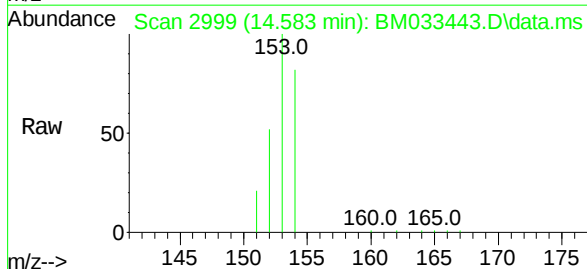
Tgt Ion:153 Resp: 6310

Ion Ratio Lower Upper

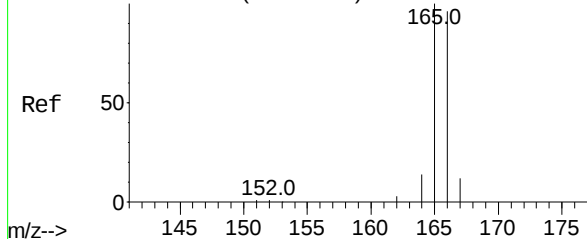
153 100

152 51.8 42.4 63.6

154 81.8 66.2 99.2



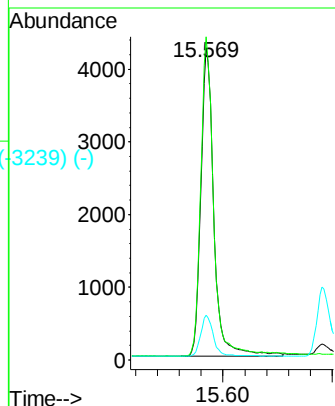
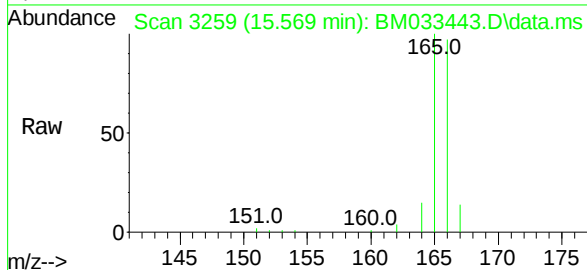
Abundance Scan 3265 (15.592 min): BM033441.D\data.ms (-3212) (-)



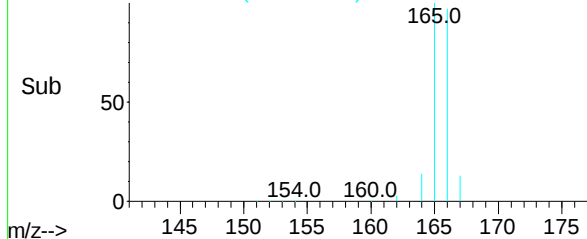
Fluorene
Concen: 1.67 ng/ul
RT: 15.569 min Scan# 3259
Delta R.T. -0.023 min
Lab File: BM033443.D
Acq: 14 Dec 2021 16:24

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

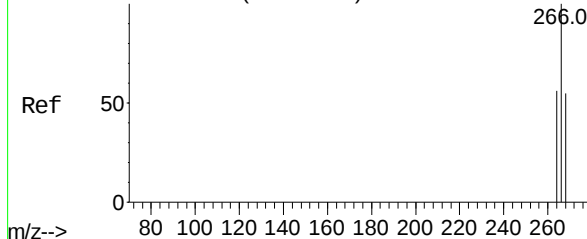
Tgt Ion:	166	Resp:	7009
Ion	Ratio	Lower	Upper
166	100		
165	103.4	81.1	121.7
167	14.4	14.9	22.3#



Abundance Scan 3259 (15.569 min): BM033443.D\data.ms (-3239) (-)

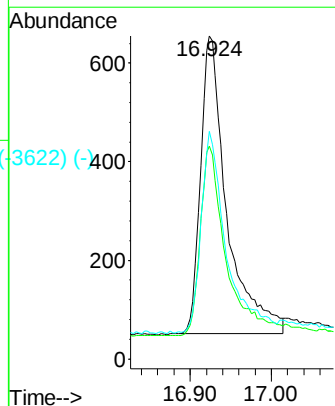
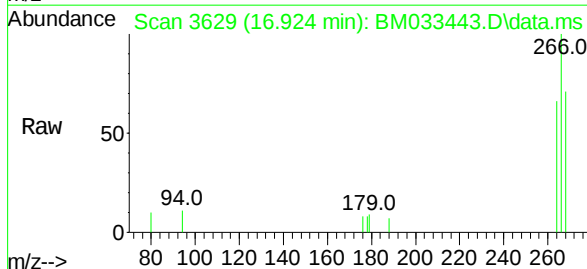


Abundance Scan 3636 (16.948 min): BM033441.D\data.ms (-3616) (-)

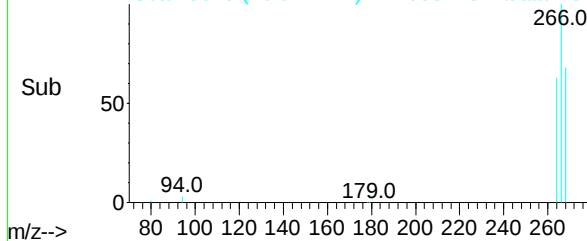


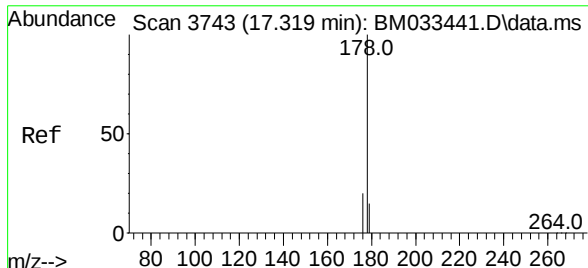
Pentachlorophenol
Concen: 1.77 ng/ul
RT: 16.924 min Scan# 3629
Delta R.T. -0.024 min
Lab File: BM033443.D
Acq: 14 Dec 2021 16:24

Tgt Ion:	266	Resp:	1360
Ion	Ratio	Lower	Upper
266	100		
264	62.4	51.4	77.0
268	64.0	53.1	79.7



Abundance Scan 3629 (16.924 min): BM033443.D\data.ms (-3622) (-)

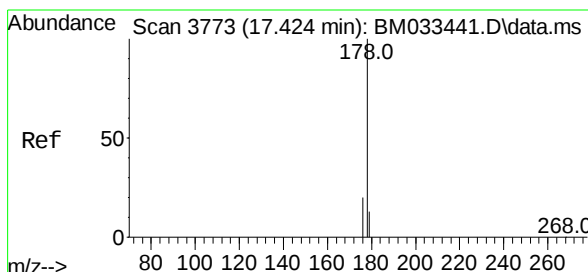
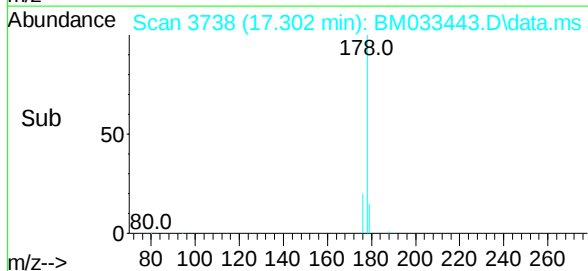
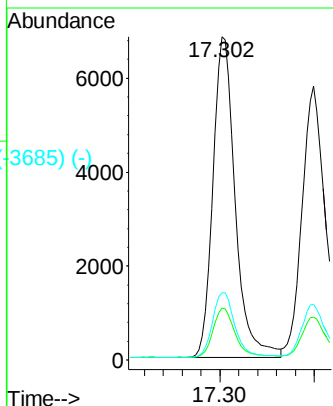
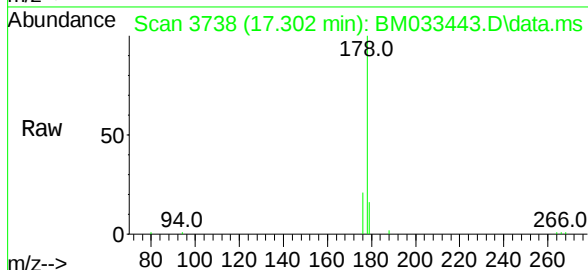




Scan 3743 (17.319 min): BM033441.D\data.ms (-3715) (-)
 Phenanthrene
 Concen: 1.47 ng/ul
 RT: 17.302 min Scan# 3735
 Delta R.T. -0.017 min
 Lab File: BM033443.D
 Acq: 14 Dec 2021 16:24

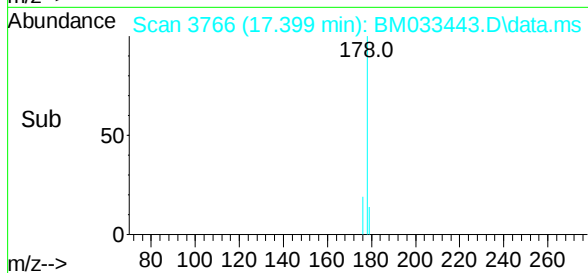
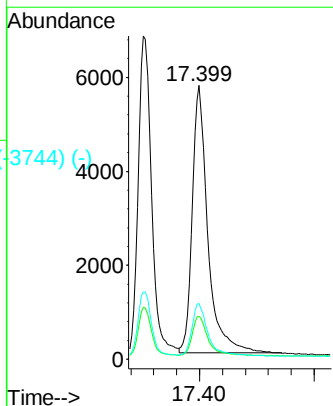
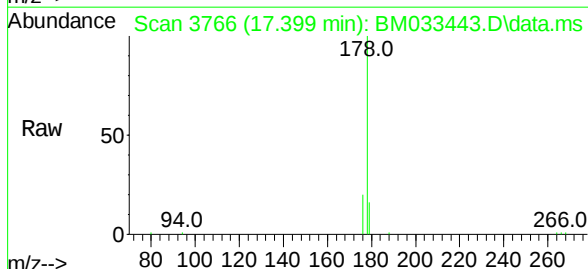
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:	178	Resp:	11164
Ion	Ratio	Lower	Upper
178	100		
179	16.0	15.0	22.6
176	20.8	17.9	26.9

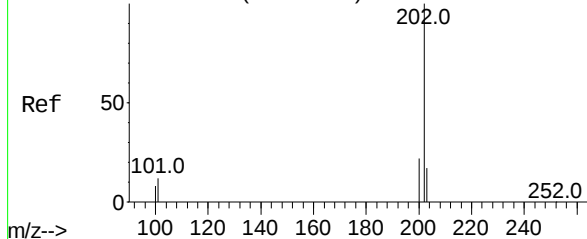


Scan 3773 (17.424 min): BM033441.D\data.ms (-3715) (-)
 Anthracene
 Concen: 1.55 ng/ul
 RT: 17.399 min Scan# 3766
 Delta R.T. -0.024 min
 Lab File: BM033443.D
 Acq: 14 Dec 2021 16:24

Tgt Ion:	178	Resp:	10699
Ion	Ratio	Lower	Upper
178	100		
179	15.6	16.5	24.7#
176	20.4	18.3	27.5



Abundance Scan 4299 (19.322 min): BM033441.D\data.ms (-4299) (-)



Fluoranthene

Concen: 1.08 ng/ul

RT: 19.311 min Scan# 4299

Delta R.T. -0.011 min

Lab File: BM033443.D

Acq: 14 Dec 2021 16:24

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026

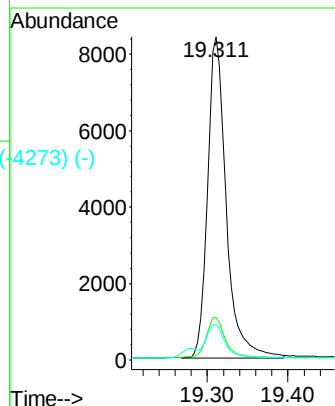
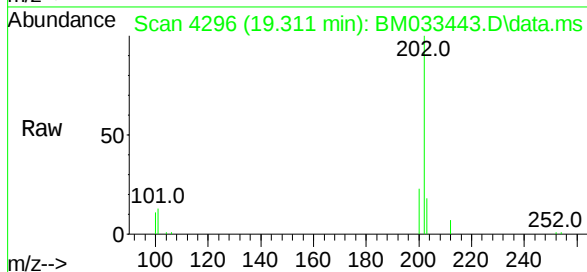
Tgt Ion:202 Resp: 13469

Ion Ratio Lower Upper

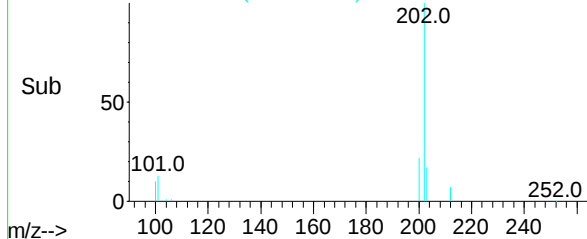
202 100

101 13.1 9.2 13.8

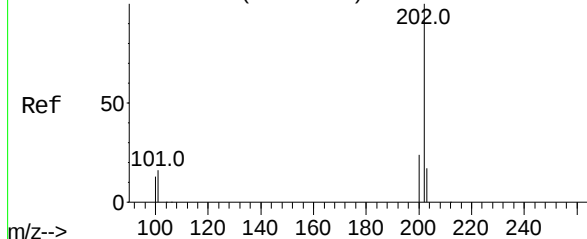
100 10.8 7.2 10.8#



Abundance Scan 4296 (19.311 min): BM033443.D\data.ms (-4273) (-)



Abundance Scan 4394 (19.684 min): BM033441.D\data.ms (-4379) (-)



Pyrene

Concen: 1.07 ng/ul

RT: 19.673 min Scan# 4391

Delta R.T. -0.011 min

Lab File: BM033443.D

Acq: 14 Dec 2021 16:24

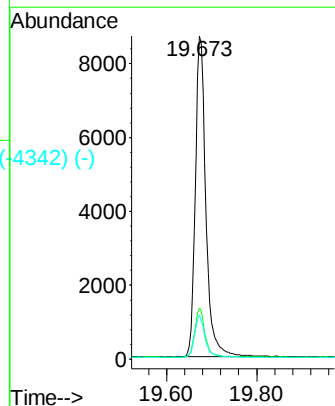
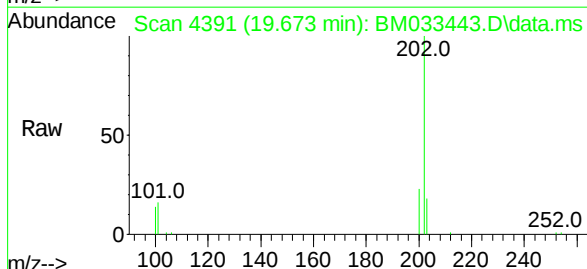
Tgt Ion:202 Resp: 13988

Ion Ratio Lower Upper

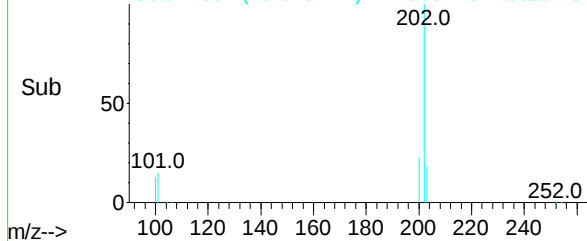
202 100

101 15.8 9.3 13.9#

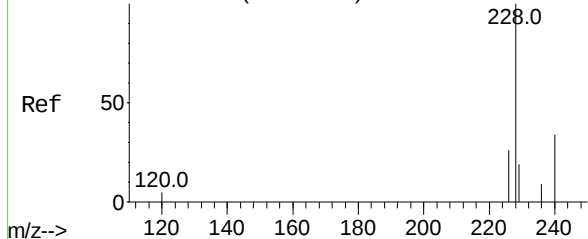
100 13.7 7.8 11.6#



Abundance Scan 4391 (19.673 min): BM033443.D\data.ms (-4342) (-)



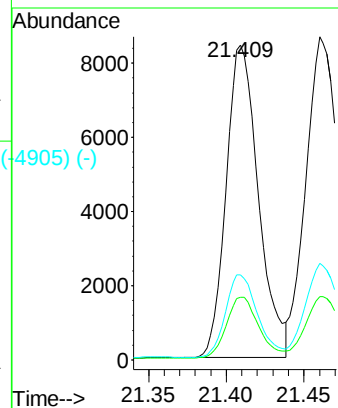
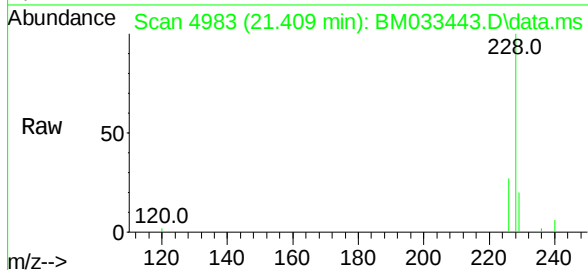
Abundance Scan 4988 (21.421 min): BM033441.D\data.ms (-4921) (-)



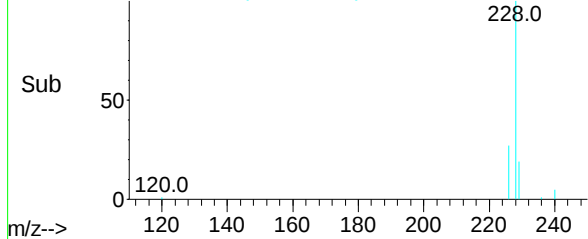
Benzo(a)anthracene
Concen: 1.19 ng/ul
RT: 21.409 min Scan# 4921
Delta R.T. -0.012 min
Lab File: BM033443.D
Acq: 14 Dec 2021 16:24

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

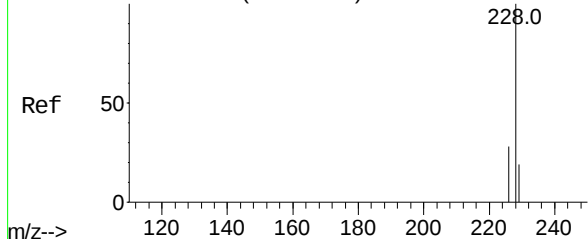
Tgt Ion:	228	Resp:	12227
Ion	Ratio	Lower	Upper
228	100		
229	20.0	17.3	25.9
226	27.1	23.2	34.8



Abundance Scan 4983 (21.409 min): BM033443.D\data.ms (-4905) (-)

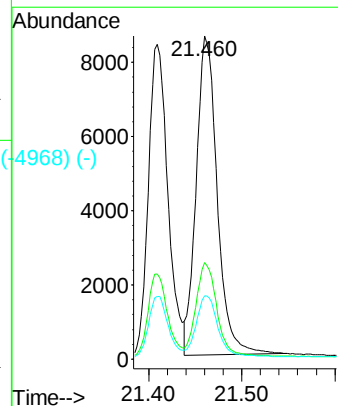
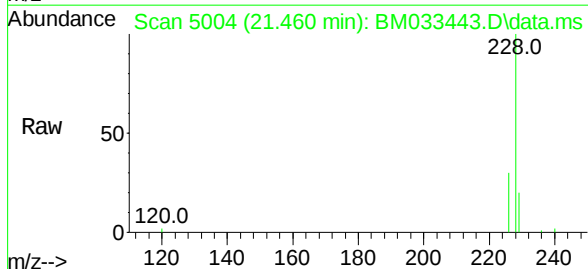


Abundance Scan 5009 (21.472 min): BM033441.D\data.ms (-5000) (-)

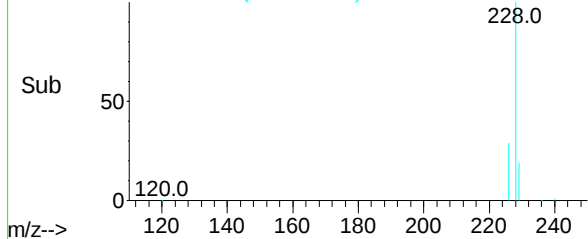


Chrysene
Concen: 1.12 ng/ul
RT: 21.460 min Scan# 5004
Delta R.T. -0.012 min
Lab File: BM033443.D
Acq: 14 Dec 2021 16:24

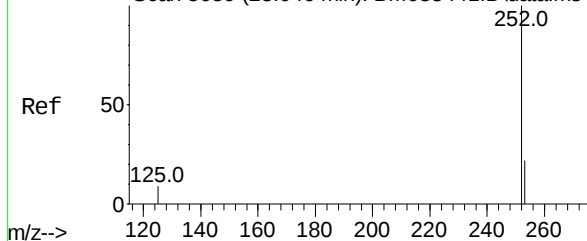
Tgt Ion:	228	Resp:	13401
Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.8	38.8
229	19.7	16.7	25.1



Abundance Scan 5004 (21.460 min): BM033443.D\data.ms (-4968) (-)



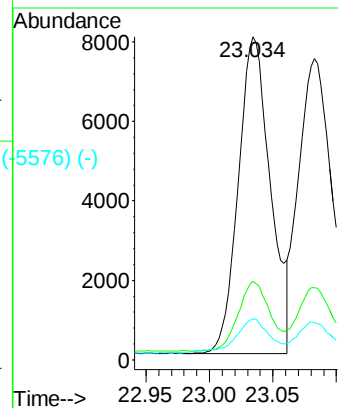
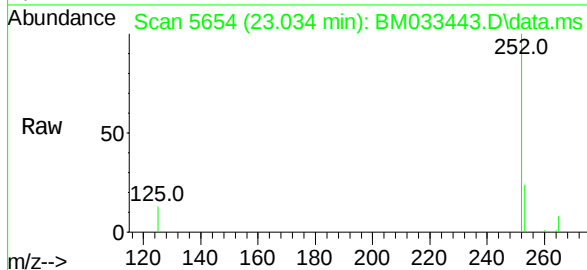
Abundance Scan 5659 (23.046 min): BM033441.D\data.ms (-5624) (-)



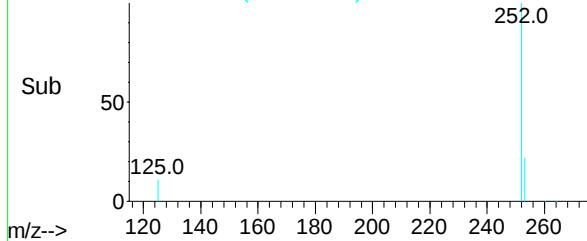
Benzo(b)fluoranthene
Concen: 1.21 ng/ul
RT: 23.034 min Scan# 5674
Delta R.T. -0.012 min
Lab File: BM033443.D
Acq: 14 Dec 2021 16:24

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

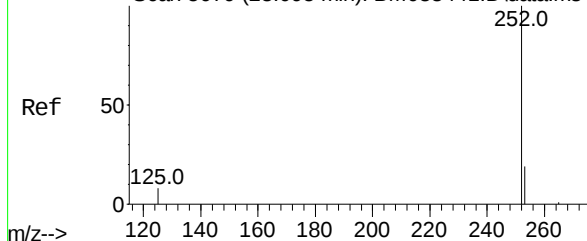
Tgt Ion:	252	Resp:	14056
Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	64.2
125	12.6	0.0	28.8



Abundance Scan 5654 (23.034 min): BM033443.D\data.ms (-5576) (-)

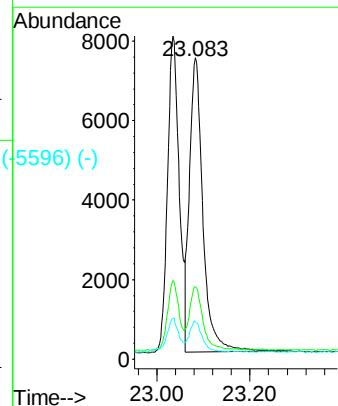
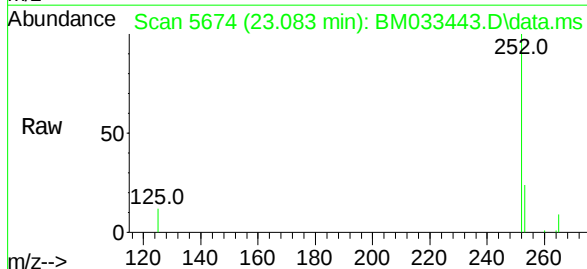


Abundance Scan 5679 (23.095 min): BM033441.D\data.ms (-5625) (-)

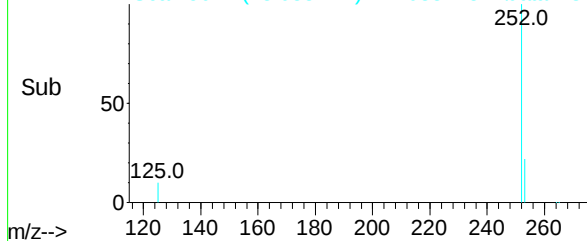


Benzo(k)fluoranthene
Concen: 1.13 ng/ul
RT: 23.083 min Scan# 5674
Delta R.T. -0.012 min
Lab File: BM033443.D
Acq: 14 Dec 2021 16:24

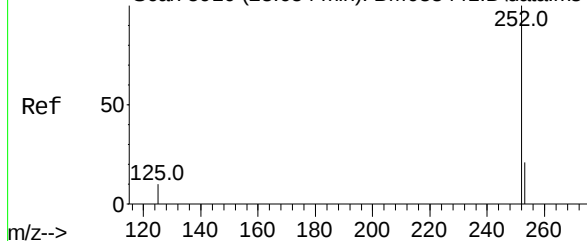
Tgt Ion:	252	Resp:	14874
Ion	Ratio	Lower	Upper
252	100		
253	24.0	26.8	40.2#
125	12.4	12.0	18.0



Abundance Scan 5674 (23.083 min): BM033443.D\data.ms (-5596) (-)



Abundance Scan 5910 (23.654 min): BM033441.D\data.ms (-5825) (-)



Benzo(a)pyrene

Concen: 1.16 ng/ul

RT: 23.640 min Scan# 5825

Delta R.T. -0.015 min

Lab File: BM033443.D

Acq: 14 Dec 2021 16:24

Instrument :

BNA_M

ClientSampleId :

SSTD1.6026

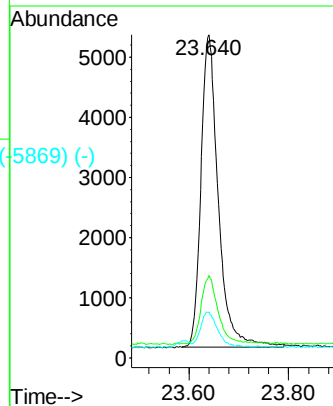
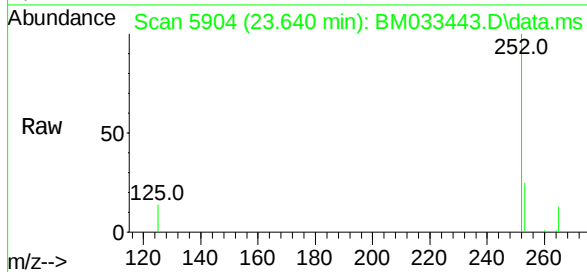
Tgt Ion:252 Resp: 12502

Ion Ratio Lower Upper

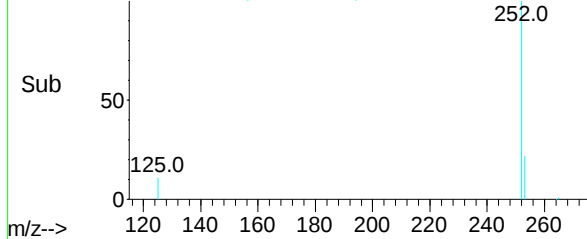
252 100

253 25.5 32.0 48.0#

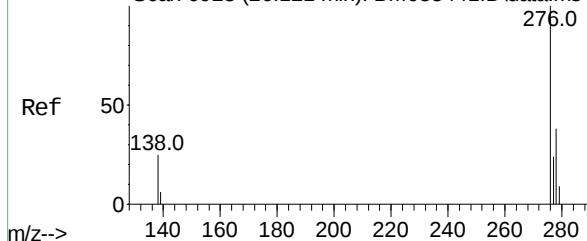
125 14.2 14.5 21.7#



Abundance Scan 5904 (23.640 min): BM033443.D\data.ms (-5869) (-)



Abundance Scan 6928 (26.121 min): BM033441.D\data.ms (-6825) (-)



Indeno(1,2,3-cd)pyrene

Concen: 1.06 ng/ul

RT: 26.097 min Scan# 6918

Delta R.T. -0.024 min

Lab File: BM033443.D

Acq: 14 Dec 2021 16:24

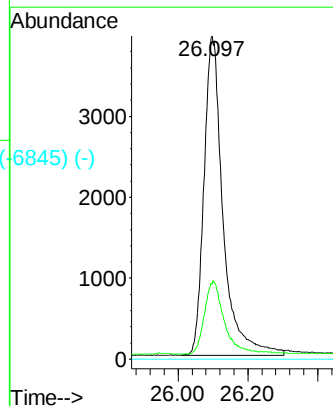
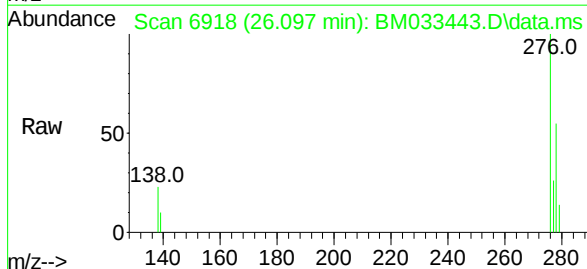
Tgt Ion:276 Resp: 14953

Ion Ratio Lower Upper

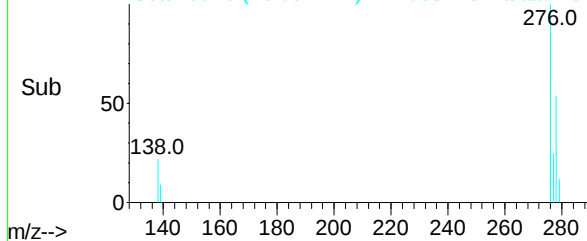
276 100

138 23.7 15.8 23.6#

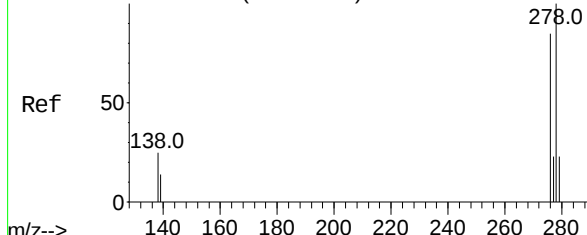
227 0.0 0.0 0.0



Abundance Scan 6918 (26.097 min): BM033443.D\data.ms (-6845) (-)



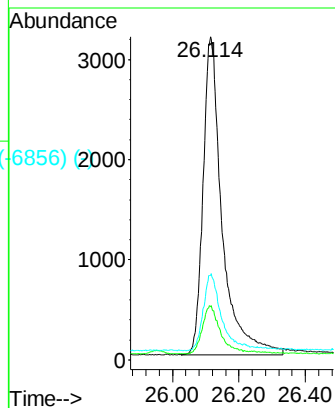
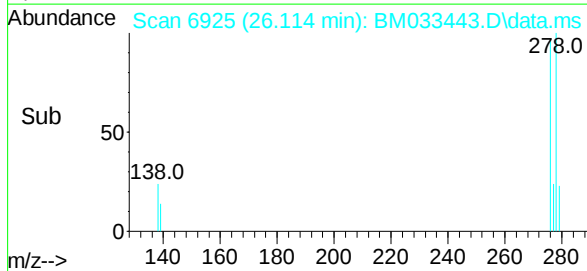
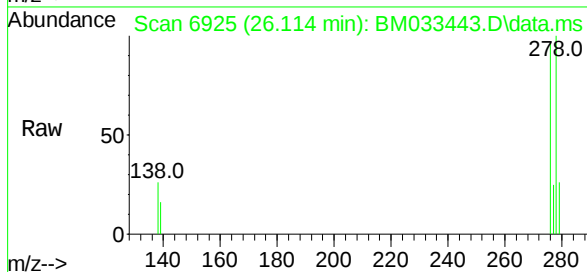
Abundance Scan 6939 (26.148 min): BM033441.D\data.ms (-6856) (-)



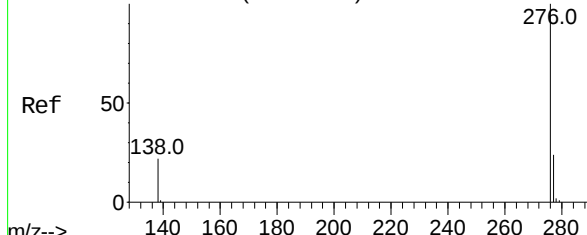
Dibenzo(a,h)anthracene
Concen: 1.09 ng/ul
RT: 26.114 min Scan# 6925
Delta R.T. -0.034 min
Lab File: BM033443.D
Acq: 14 Dec 2021 16:24

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Tgt Ion:	278	Resp:	12637
Ion	Ratio	Lower	Upper
278	100		
139	16.4	18.0	27.0#
279	26.0	28.6	42.8#



Abundance Scan 7225 (26.840 min): BM033441.D\data.ms (-7142) (-)



Benzo(g,h,i)perylene
Concen: 1.03 ng/ul
RT: 26.819 min Scan# 7216
Delta R.T. -0.022 min
Lab File: BM033443.D
Acq: 14 Dec 2021 16:24

Tgt Ion:	276	Resp:	12964
Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.4	26.0
277	24.7	22.6	33.8

