

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
 Data File : BM033442.D
 Acq On : 14 Dec 2021 15:48
 Operator : CG/JU
 Sample : SST0.818
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8025

Quant Time: Dec 15 00:39:36 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)

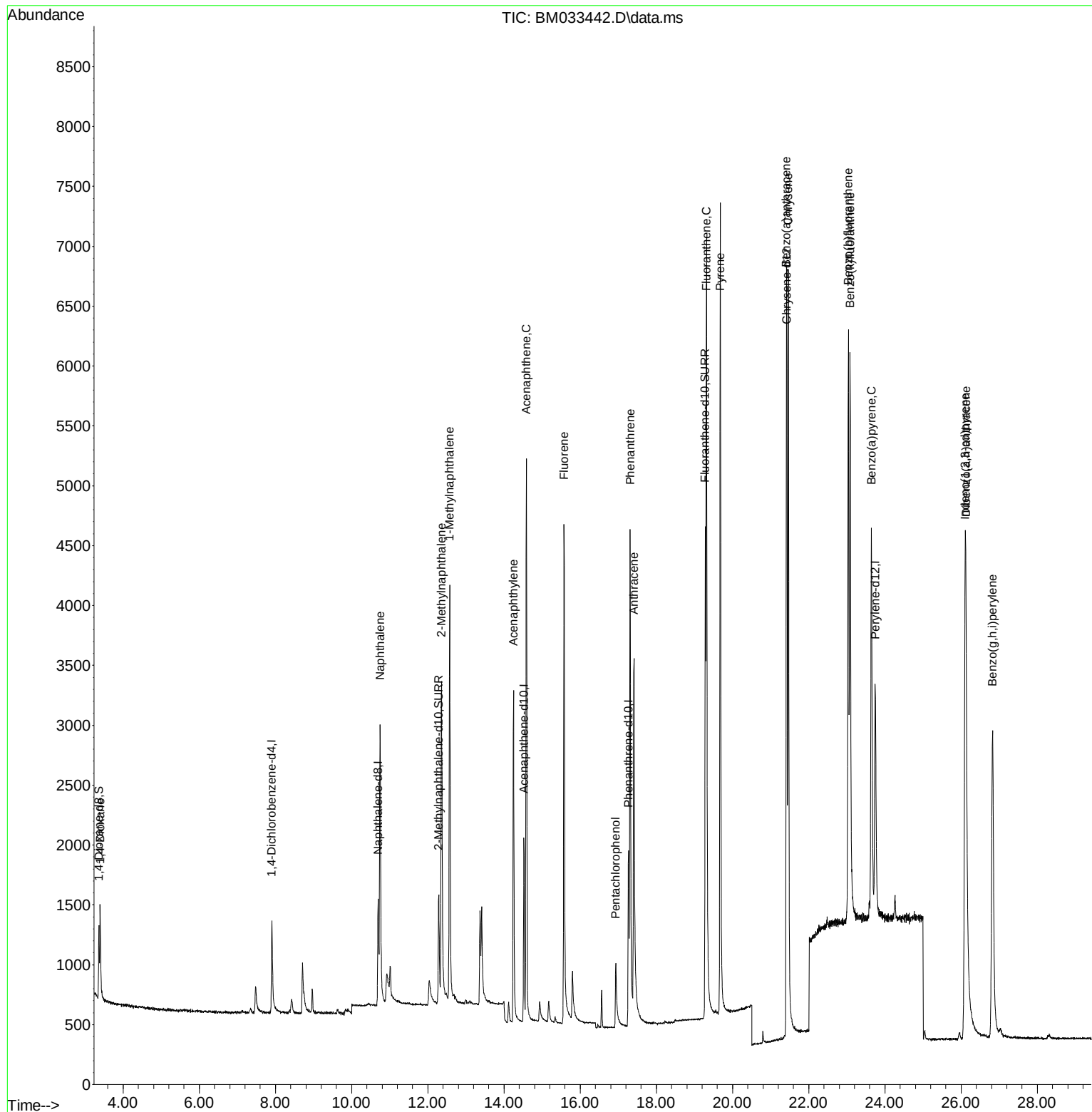
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	598	0.40	ng/ul	0.00
4) Naphthalene-d8	10.697	136	1446	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.523	164	919	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	2195	0.40	ng/ul	-0.01
17) Chrysene-d12	21.426	240	3244	0.40	ng/ul	0.00
23) Perylene-d12	23.744	264	3218	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.365	96	377	0.62	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.285	152	1527	0.77	ng/ul	-0.02
18) Fluoranthene-d10	19.284	212	5517	0.65	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.400	88	489	0.69	ng/ul	93
5) Naphthalene	10.747	128	4093	0.92	ng/ul#	93
7) 2-Methylnaphthalene	12.357	142	2546	0.90	ng/ul	96
8) 1-Methylnaphthalene	12.573	142	2548	0.90	ng/ul	98
10) Acenaphthylene	14.250	152	3937	0.84	ng/ul	94
11) Acenaphthene	14.587	153	3120	0.87	ng/ul	97
12) Fluorene	15.577	166	3419	0.83	ng/ul	99
14) Pentachlorophenol	16.934	266	608	0.83	ng/ul	98
15) Phenanthrene	17.309	178	5412	0.75	ng/ul	97
16) Anthracene	17.410	178	4987	0.76	ng/ul	95
19) Fluoranthene	19.315	202	6636	0.55	ng/ul#	94
20) Pyrene	19.677	202	7001	0.55	ng/ul#	88
21) Benzo(a)anthracene	21.414	228	5774	0.58	ng/ul	98
22) Chrysene	21.462	228	6801	0.58	ng/ul	97
24) Benzo(b)fluoranthene	23.039	252	6869	0.58	ng/ul	92
25) Benzo(k)fluoranthene	23.085	252	7777	0.59	ng/ul	92
26) Benzo(a)pyrene	23.645	252	6209	0.57	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.101	276	7604	0.53	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.123	278	6394	0.55	ng/ul	91
29) Benzo(g,h,i)perylene	26.826	276	6747	0.53	ng/ul	97

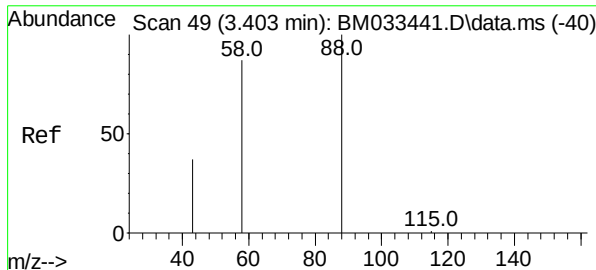
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SST00.818
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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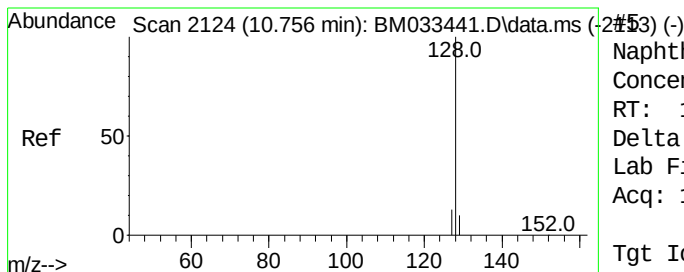
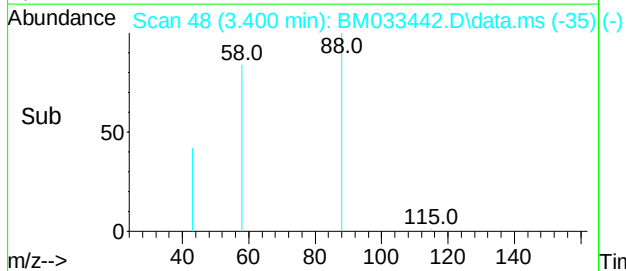
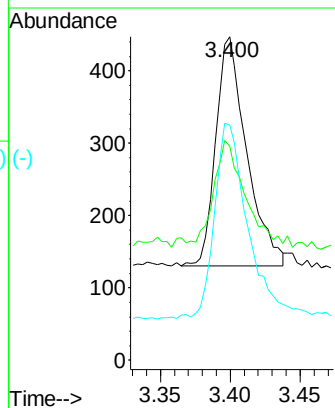
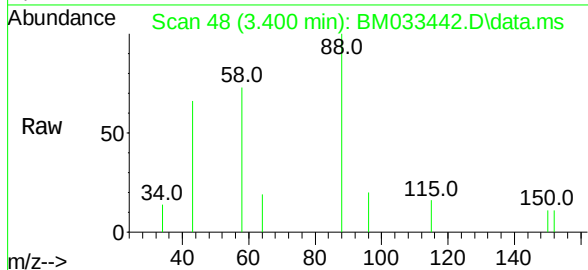




1,4-Dioxane
Concen: 0.69 ng/ul
RT: 3.400 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM033442.D
Acq: 14 Dec 2021 15:48

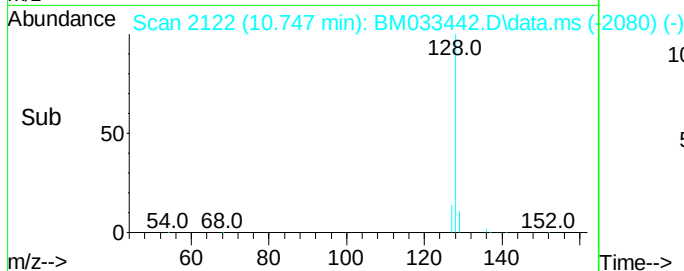
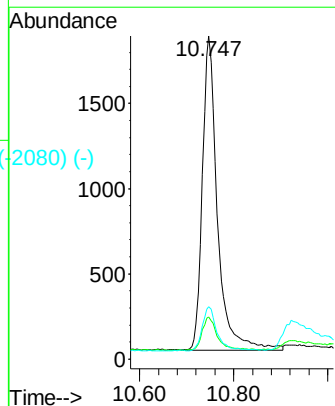
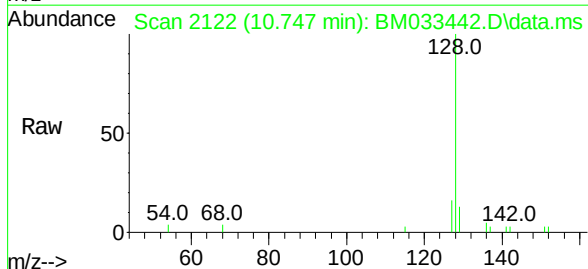
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:	88	Resp:	489
Ion	Ratio	Lower	Upper
88	100		
43	66.2	49.7	74.5
58	72.7	52.5	78.7



Naphthalene
Concen: 0.92 ng/ul
RT: 10.747 min Scan# 2122
Delta R.T. -0.009 min
Lab File: BM033442.D
Acq: 14 Dec 2021 15:48

Tgt Ion:	128	Resp:	4093
Ion	Ratio	Lower	Upper
128	100		
129	13.1	13.4	20.2#
127	16.2	15.2	22.8



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

2-Methylnaphthalene

Concen: 0.90 ng/ul

RT: 12.357 min Scan# 2528

Delta R.T. -0.014 min

Lab File: BM033442.D

Acq: 14 Dec 2021 15:48

Instrument :

BNA_M

ClientSampleId :

SSTD0.8025

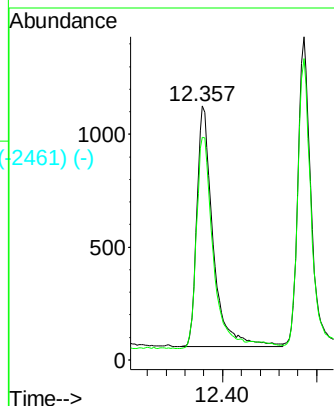
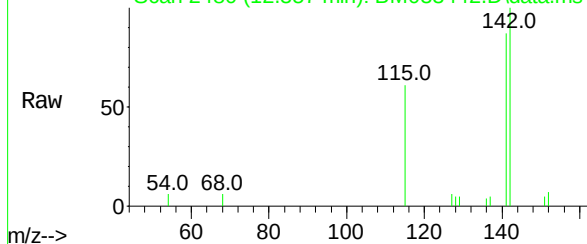
Tgt Ion:142 Resp: 2546

Ion Ratio Lower Upper

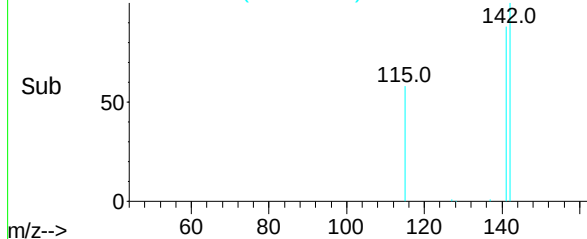
142 100

141 93.4 71.8 107.6

Abundance Scan 2480 (12.357 min): BM033442.D\data.ms



Abundance Scan 2480 (12.357 min): BM033442.D\data.ms (-2461) (-)



Abundance Scan 2530 (12.582 min): BM033441.D\data.ms (-2529) (-)

1-Methylnaphthalene

Concen: 0.90 ng/ul

RT: 12.573 min Scan# 2528

Delta R.T. -0.009 min

Lab File: BM033442.D

Acq: 14 Dec 2021 15:48

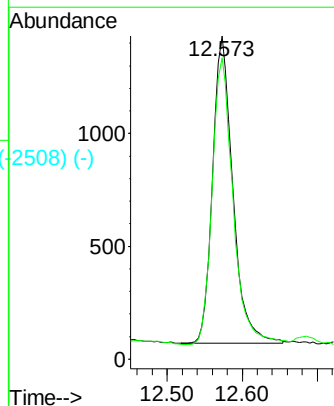
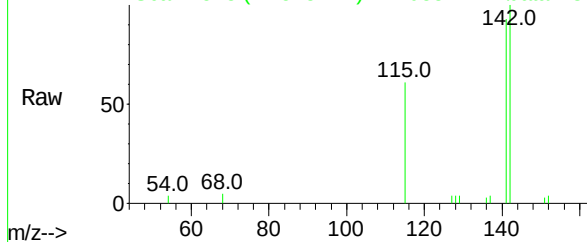
Tgt Ion:142 Resp: 2548

Ion Ratio Lower Upper

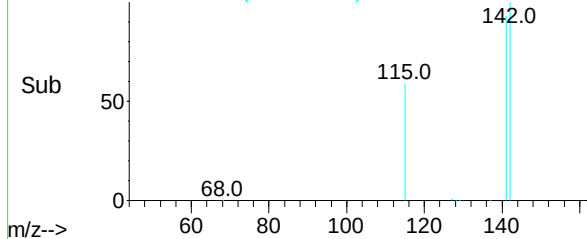
142 100

141 96.0 75.0 112.4

Abundance Scan 2528 (12.573 min): BM033442.D\data.ms



Abundance Scan 2528 (12.573 min): BM033442.D\data.ms (-2508) (-)



Abundance Scan 2913 (14.257 min): BM033441.D\data.ms (-2819) (-)

Acenaphthylene

Concen: 0.84 ng/ul

RT: 14.250 min Scan# 2910

Delta R.T. -0.008 min

Lab File: BM033442.D

Acq: 14 Dec 2021 15:48

Instrument :

BNA_M

ClientSampleId :

SSTD0.8025

Tgt Ion:152 Resp: 3937

Ion Ratio Lower Upper

152 100

151 22.8 19.9 29.9

153 15.0 15.0 22.4

Abundance Scan 2911 (14.250 min): BM033442.D\data.ms

Ref 50

152.0

160.0 165.0

167.0

m/z-->

145 150 155 160 165 170 175

152.0

160.0 165.0

m/z-->

145 150 155 160 165 170 175

152.0

160.0 165.0

m/z-->

145 150 155 160 165 170 175

152.0

160.0 165.0

m/z-->

145 150 155 160 165 170 175

Abundance

2000

1500

1000

500

0

14.250

14.20 14.40

Time-->

Abundance Scan 3001 (14.591 min): BM033441.D\data.ms (-2811) (-)

Acenaphthene

Concen: 0.87 ng/ul

RT: 14.587 min Scan# 3000

Delta R.T. -0.004 min

Lab File: BM033442.D

Acq: 14 Dec 2021 15:48

Tgt Ion:153 Resp: 3120

Ion Ratio Lower Upper

153 100

152 54.3 42.4 63.6

154 85.6 66.2 99.2

Abundance Scan 3000 (14.587 min): BM033442.D\data.ms

Ref 50

153.0

160.0 165.0

167.0

m/z-->

145 150 155 160 165 170 175

153.0

160.0 165.0

m/z-->

145 150 155 160 165 170 175

153.0

160.0 165.0

m/z-->

145 150 155 160 165 170 175

Abundance

1500

1000

500

0

14.587

14.50 14.70

Time-->

Abundance Scan 3000 (14.587 min): BM033442.D\data.ms (-2975) (-)

Ref 50

153.0

160.0 165.0

167.0

m/z-->

145 150 155 160 165 170 175

153.0

160.0 165.0

m/z-->

145 150 155 160 165 170 175

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

Fluorene

Concen: 0.83 ng/ul

RT: 15.577 min Scan# 3261

Delta R.T. -0.015 min

Lab File: BM033442.D

Acq: 14 Dec 2021 15:48

Instrument :

BNA_M

ClientSampleId :

SSTD0.8025

Tgt Ion:166 Resp: 3419

Ion Ratio Lower Upper

166 100

165 101.2 81.1 121.7

167 15.6 14.9 22.3

Abundance Scan 3261 (15.577 min): BM033442.D\data.ms

Ref 50

165.0

152.0

154.0 160.0

165.0

166.0

167.0

168.0

169.0

170.0

171.0

172.0

173.0

174.0

175.0

176.0

177.0

178.0

179.0

180.0

181.0

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183.0

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406.0

407.0

408.0

409.0

410.0

411.0

412.0

413.0

414.0

415.0

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427.0

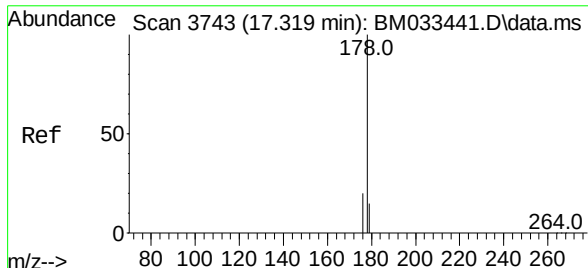
428.0

429.0

430.0

431.0

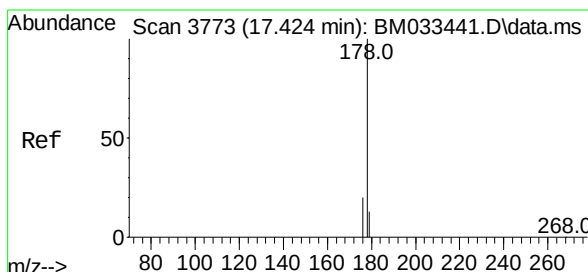
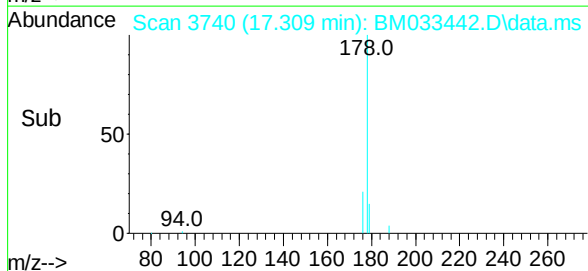
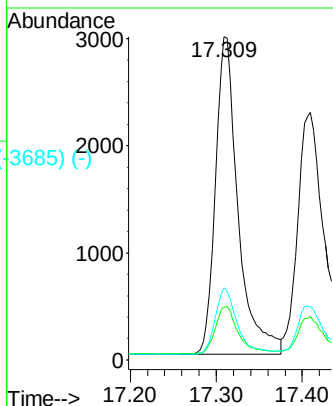
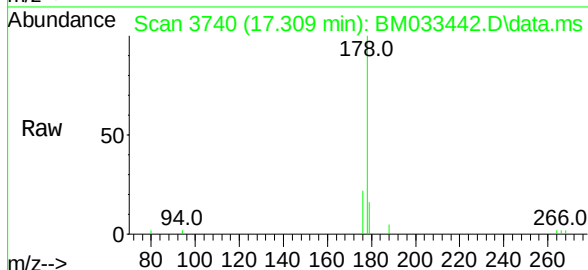
432.0



Phenanthrene
Concen: 0.75 ng/ul
RT: 17.309 min Scan# 3740
Delta R.T. -0.010 min
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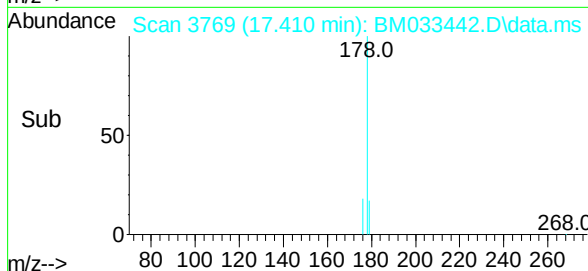
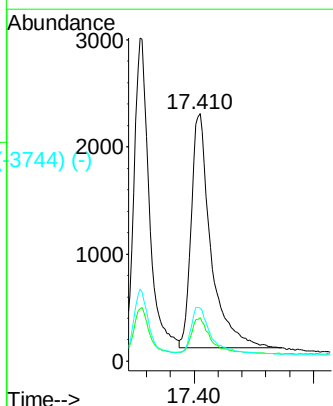
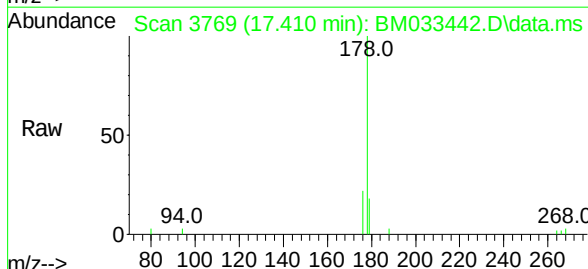
Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

Tgt Ion:	178	Resp:	5412
Ion	Ratio	Lower	Upper
178	100		
179	16.3	15.0	22.6
176	22.3	17.9	26.9

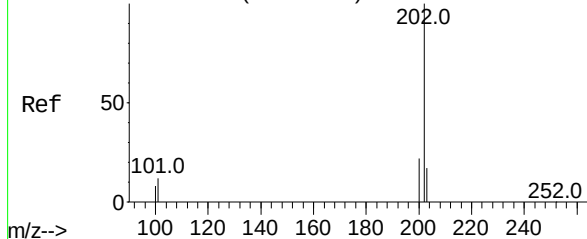


Anthracene
Concen: 0.76 ng/ul
RT: 17.410 min Scan# 3769
Delta R.T. -0.014 min
Lab File: BM033442.D
Acq: 14 Dec 2021 15:48

Tgt Ion:	178	Resp:	4987
Ion	Ratio	Lower	Upper
178	100		
179	17.6	16.5	24.7
176	21.5	18.3	27.5



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



Fluoranthene

Concen: 0.55 ng/ul

RT: 19.315 min Scan# 4297

Delta R.T. -0.008 min

Lab File: BM033442.D

Acq: 14 Dec 2021 15:48

Instrument :

BNA_M

ClientSampleId :

SSTD0.8025

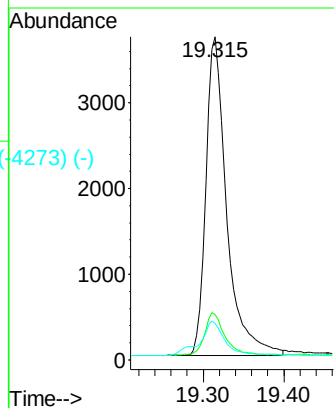
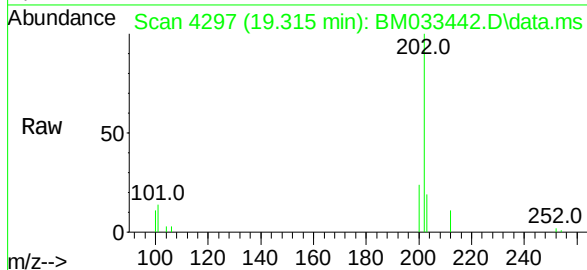
Tgt Ion:202 Resp: 6636

Ion Ratio Lower Upper

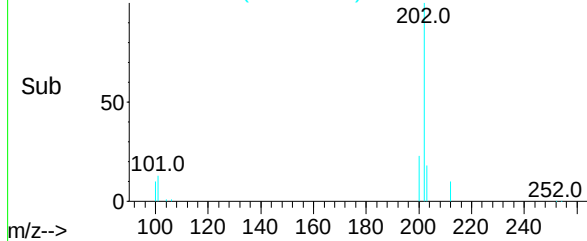
202 100

101 14.0 9.2 13.8#

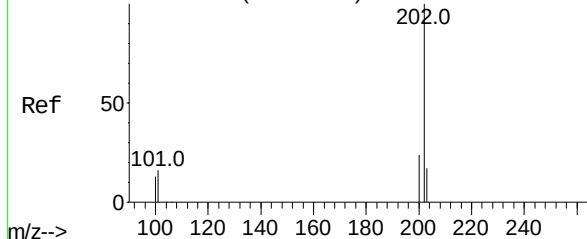
100 11.2 7.2 10.8#



Abundance Scan 4297 (19.315 min): BM033442.D\data.ms (-4273) (-)



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



Pyrene

Concen: 0.55 ng/ul

RT: 19.677 min Scan# 4392

Delta R.T. -0.008 min

Lab File: BM033442.D

Acq: 14 Dec 2021 15:48

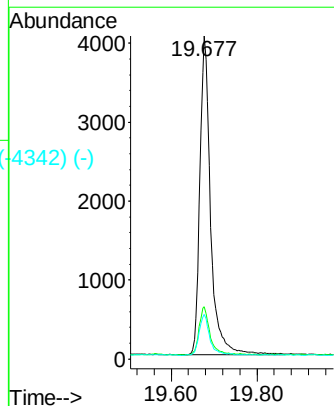
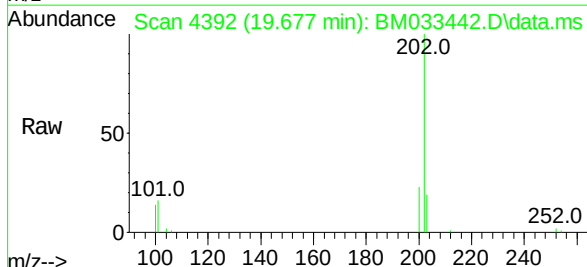
Tgt Ion:202 Resp: 7001

Ion Ratio Lower Upper

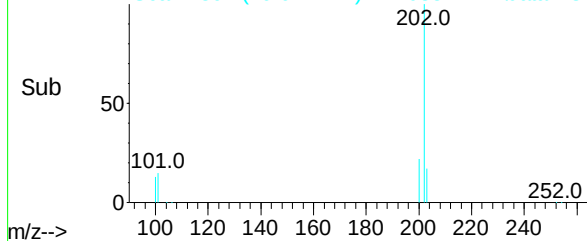
202 100

101 16.3 9.3 13.9#

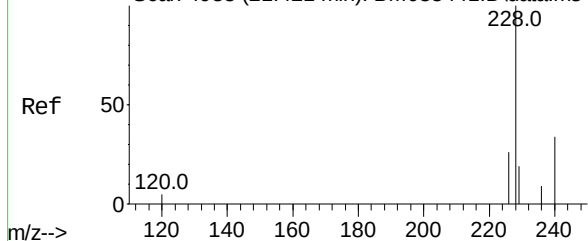
100 13.8 7.8 11.6#



Abundance Scan 4392 (19.677 min): BM033442.D\data.ms (-4342) (-)



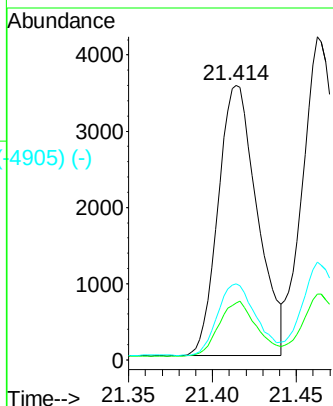
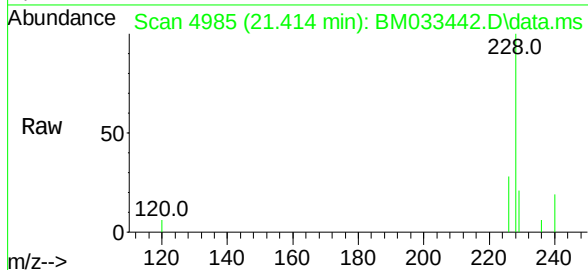
Abundance Scan 4988 (21.421 min): BM033441.D\data.ms (-4971) (-)



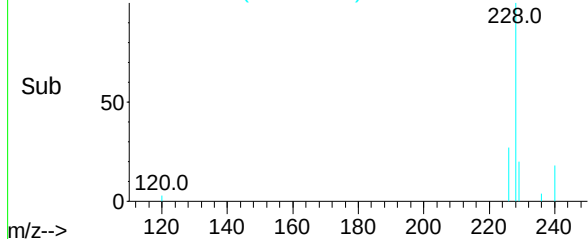
Benzo(a)anthracene
Concen: 0.58 ng/ul
RT: 21.414 min Scan# 4988
Delta R.T. -0.007 min
Lab File: BM033442.D
Acq: 14 Dec 2021 15:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

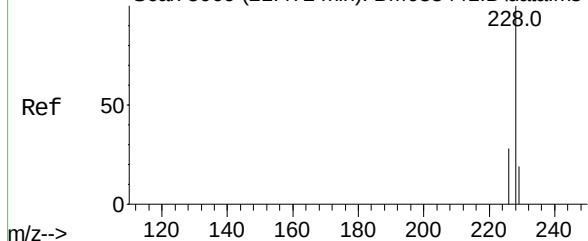
Tgt Ion:228 Resp: 5774
Ion Ratio Lower Upper
228 100
229 20.7 17.3 25.9
226 27.7 23.2 34.8



Abundance Scan 4985 (21.414 min): BM033442.D\data.ms (-4905) (-)

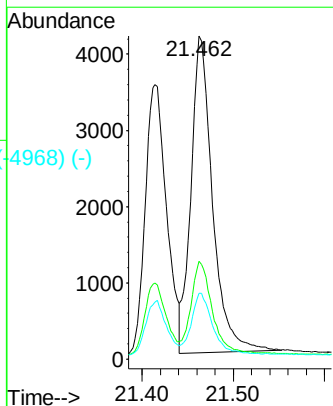
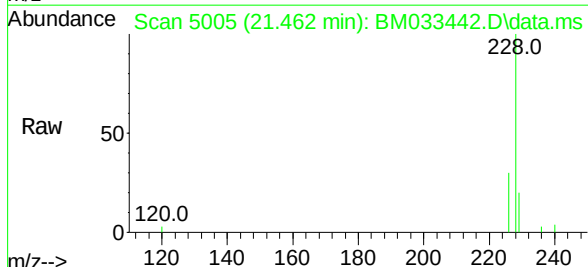


Abundance Scan 5009 (21.472 min): BM033441.D\data.ms (-5000) (-)

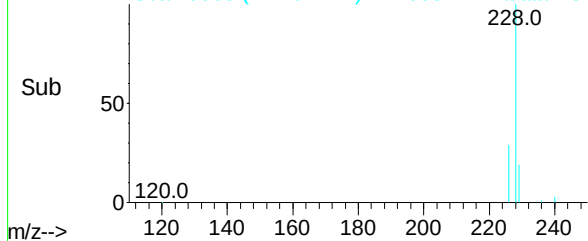


Chrysene
Concen: 0.58 ng/ul
RT: 21.462 min Scan# 5005
Delta R.T. -0.010 min
Lab File: BM033442.D
Acq: 14 Dec 2021 15:48

Tgt Ion:228 Resp: 6801
Ion Ratio Lower Upper
228 100
226 30.3 25.8 38.8
229 20.3 16.7 25.1



Abundance Scan 5005 (21.462 min): BM033442.D\data.ms (-4968) (-)



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

Benzo(b)fluoranthene

Concen: 0.58 ng/ul

RT: 23.039 min Scan# 5624

Delta R.T. -0.007 min

Lab File: BM033442.D

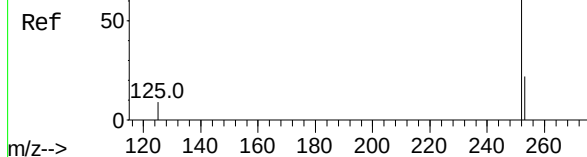
Acq: 14 Dec 2021 15:48

Instrument :

BNA_M

ClientSampleId :

SSTD0.8025



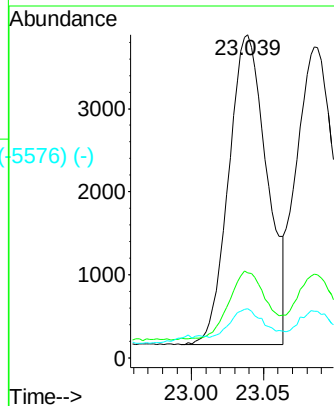
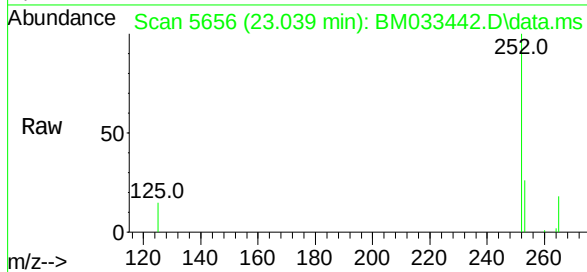
Tgt Ion:252 Resp: 6869

Ion Ratio Lower Upper

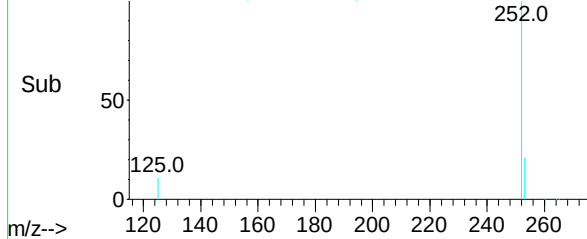
252 100

253 26.4 0.0 64.2

125 15.2 0.0 28.8



Abundance Scan 5656 (23.039 min): BM033442.D\data.ms (-5576) (-)



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

Benzo(k)fluoranthene

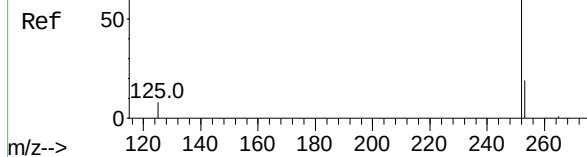
Concen: 0.59 ng/ul

RT: 23.085 min Scan# 5675

Delta R.T. -0.010 min

Lab File: BM033442.D

Acq: 14 Dec 2021 15:48



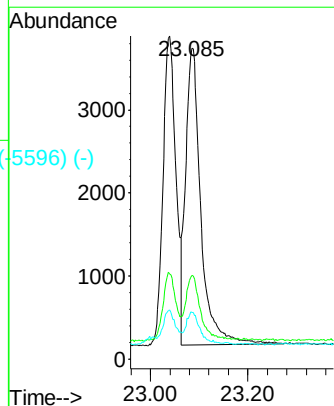
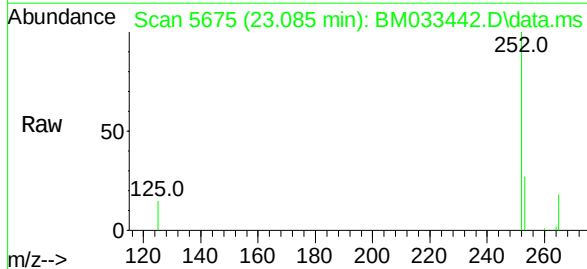
Tgt Ion:252 Resp: 7777

Ion Ratio Lower Upper

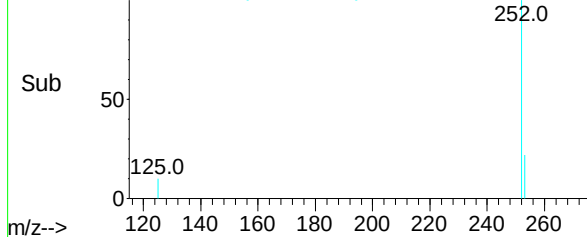
252 100

253 27.0 26.8 40.2

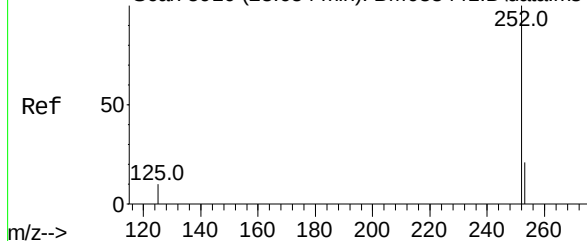
125 14.9 12.0 18.0



Abundance Scan 5675 (23.085 min): BM033442.D\data.ms (-5596) (-)



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



Benzo(a)pyrene

Concen: 0.57 ng/ul

RT: 23.645 min Scan# 5910

Delta R.T. -0.010 min

Lab File: BM033442.D

Acq: 14 Dec 2021 15:48

Instrument :

BNA_M

ClientSampleId :

SSTD0.8025

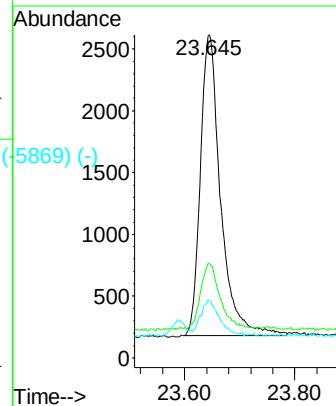
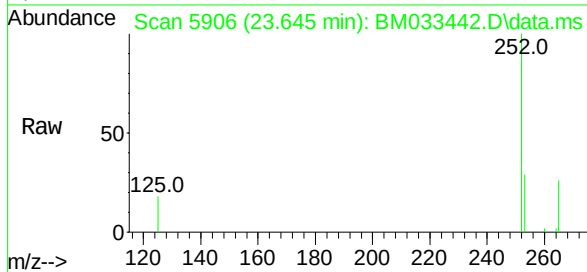
Tgt Ion:252 Resp: 6209

Ion Ratio Lower Upper

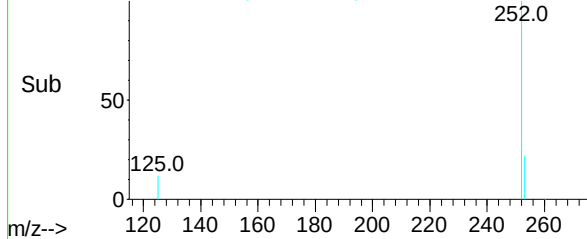
252 100

253 29.3 32.0 48.0#

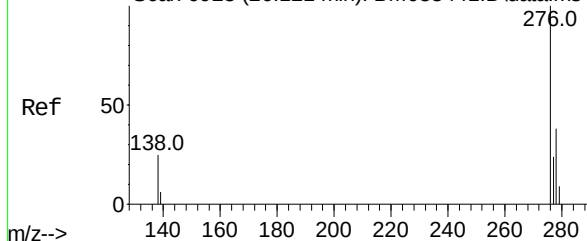
125 17.7 14.5 21.7



Abundance Scan 5906 (23.645 min): BM033442.D\data.ms (-5869) (-)



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



Indeno(1,2,3-cd)pyrene

Concen: 0.53 ng/ul

RT: 26.101 min Scan# 6920

Delta R.T. -0.019 min

Lab File: BM033442.D

Acq: 14 Dec 2021 15:48

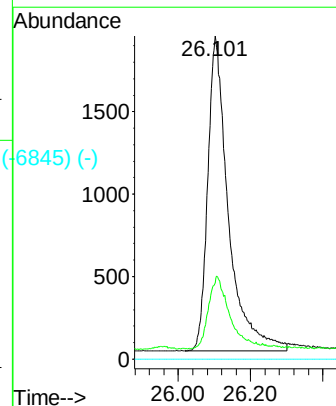
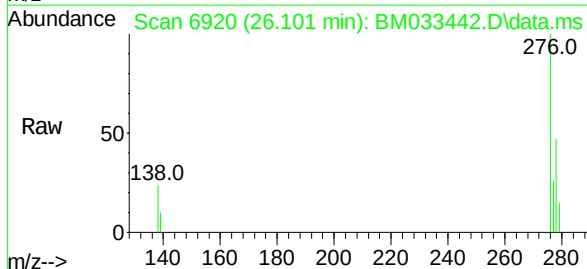
Tgt Ion:276 Resp: 7604

Ion Ratio Lower Upper

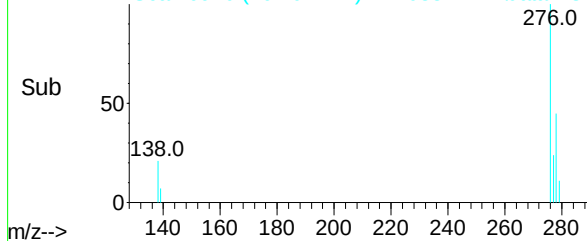
276 100

138 23.8 15.8 23.6#

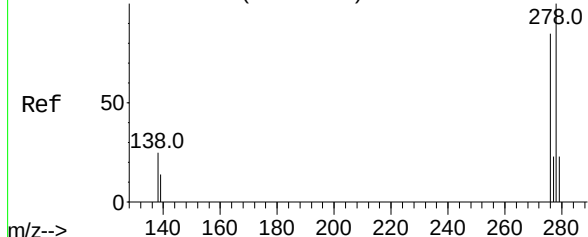
227 0.0 0.0 0.0



Abundance Scan 6920 (26.101 min): BM033442.D\data.ms (-6845) (-)



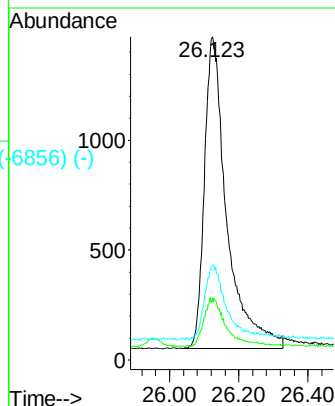
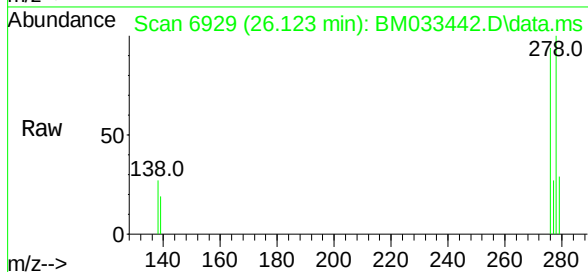
Abundance Scan 6939 (26.148 min): BM033441.D\data.ms (-6939) (-)



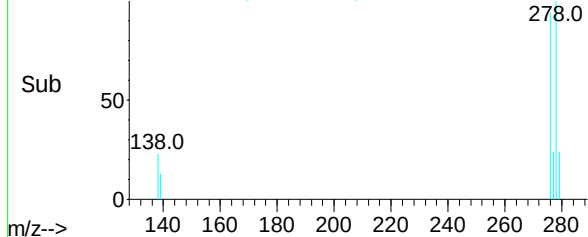
Dibenzo(a,h)anthracene
Concen: 0.55 ng/ul
RT: 26.123 min Scan# 6929
Delta R.T. -0.024 min
Lab File: BM033442.D
Acq: 14 Dec 2021 15:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8025

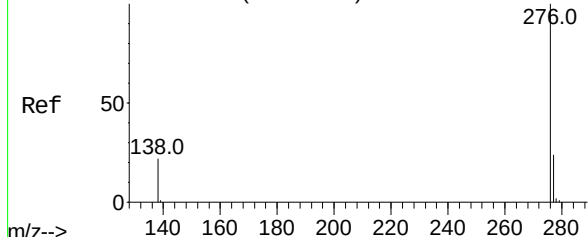
Tgt Ion:	278	Resp:	6394
Ion	Ratio	Lower	Upper
278	100		
139	19.2	18.0	27.0
279	29.4	28.6	42.8



Abundance Scan 6929 (26.123 min): BM033442.D\data.ms (-6856) (-)

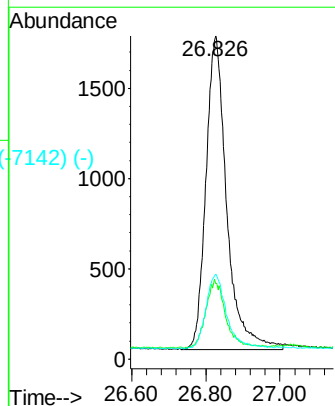
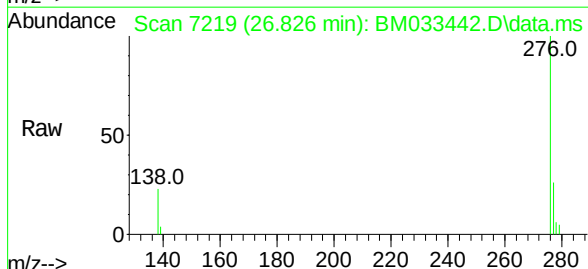


Abundance Scan 7225 (26.840 min): BM033441.D\data.ms (-7225) (-)



Benzo(g,h,i)perylene
Concen: 0.53 ng/ul
RT: 26.826 min Scan# 7219
Delta R.T. -0.015 min
Lab File: BM033442.D
Acq: 14 Dec 2021 15:48

Tgt Ion:	276	Resp:	6747
Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.4	26.0
277	26.3	22.6	33.8



Abundance Scan 7219 (26.826 min): BM033442.D\data.ms (-7142) (-)

