

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
 Data File : BM033441.D
 Acq On : 14 Dec 2021 15:12
 Operator : CG/JU
 Sample : SSTD0.417
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4024

Quant Time: Dec 15 00:39:29 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)

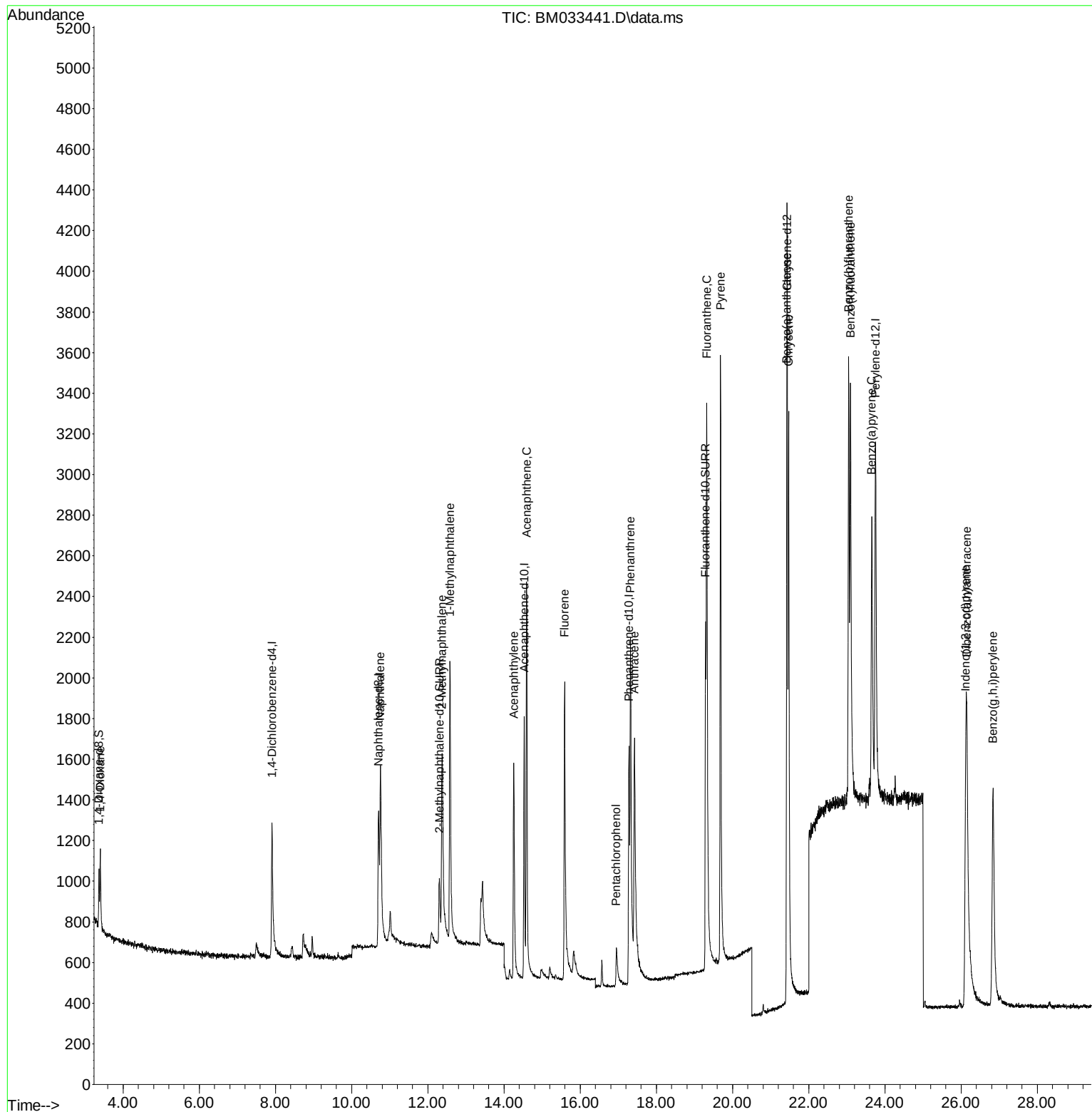
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	544	0.40	ng/ul	0.00
4) Naphthalene-d8	10.706	136	1410	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.530	164	871	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.281	188	2031	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.436	240	3065	0.40	ng/ul	0.00
23) Perylene-d12	23.751	264	3030	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	199	0.36	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.303	152	731	0.38	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	2685	0.34	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.403	88	236	0.36	ng/ul#	86
5) Naphthalene	10.756	128	1999	0.46	ng/ul	100
7) 2-Methylnaphthalene	12.371	142	1217	0.44	ng/ul	96
8) 1-Methylnaphthalene	12.582	142	1181	0.43	ng/ul	97
10) Acenaphthylene	14.257	152	1832	0.41	ng/ul	99
11) Acenaphthene	14.591	153	1474	0.43	ng/ul	99
12) Fluorene	15.592	166	1609	0.41	ng/ul	97
14) Pentachlorophenol	16.948	266	252	0.37	ng/ul	94
15) Phenanthrene	17.319	178	2500	0.37	ng/ul	98
16) Anthracene	17.424	178	2274	0.38	ng/ul	97
19) Fluoranthene	19.322	202	3164	0.28	ng/ul#	88
20) Pyrene	19.684	202	3476	0.29	ng/ul#	83
21) Benzo(a)anthracene	21.421	228	2698	0.28	ng/ul	100
22) Chrysene	21.472	228	3302	0.30	ng/ul	97
24) Benzo(b)fluoranthene	23.046	252	3251	0.29	ng/ul	95
25) Benzo(k)fluoranthene	23.095	252	3554	0.28	ng/ul#	94
26) Benzo(a)pyrene	23.654	252	2942	0.29	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.121	276	3326	0.25	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.148	278	2682	0.24	ng/ul	98
29) Benzo(g,h,i)perylene	26.840	276	2999	0.25	ng/ul#	92

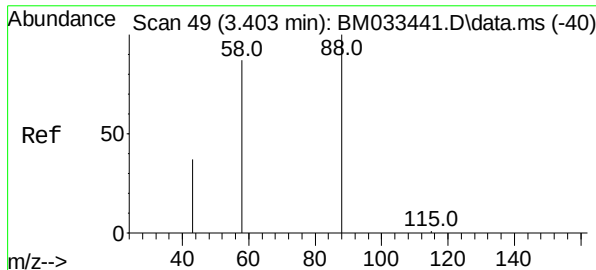
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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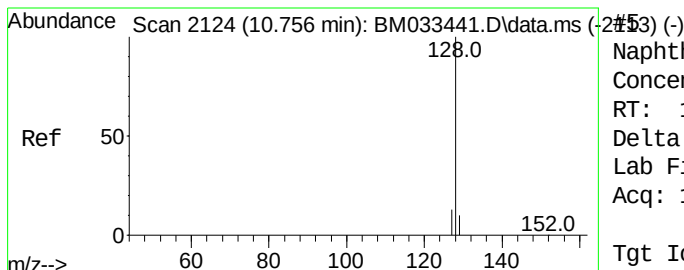
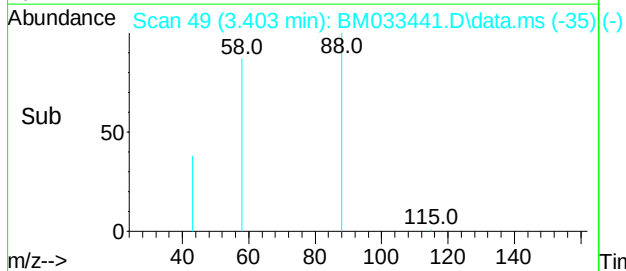
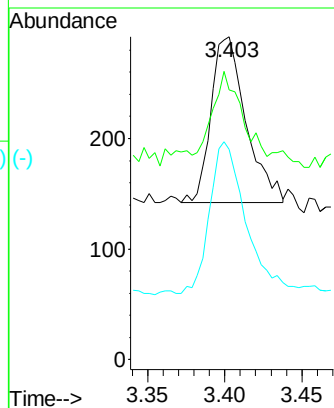
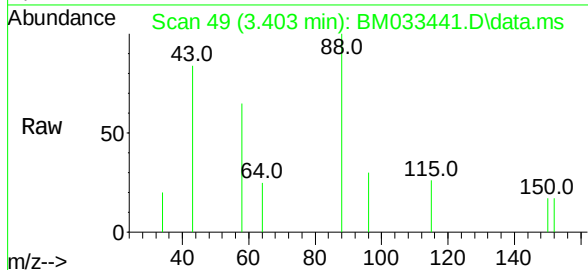




1,4-Dioxane
Concen: 0.36 ng/ul
RT: 3.403 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM033441.D
Acq: 14 Dec 2021 15:12

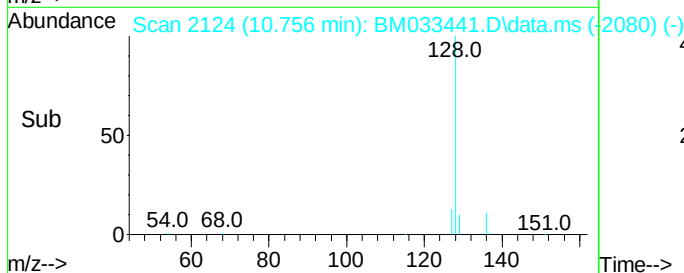
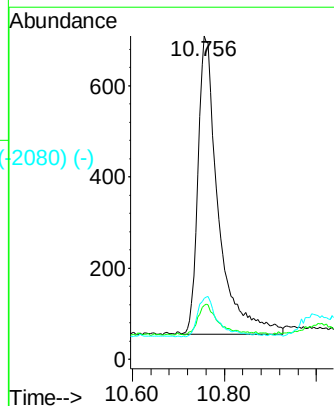
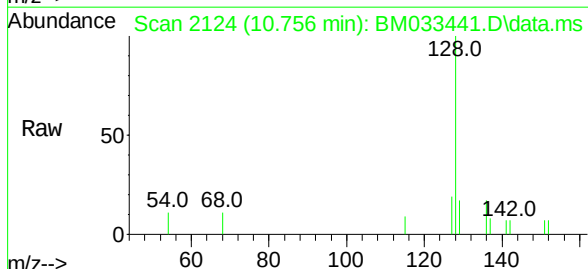
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion: 88 Resp: 236
Ion Ratio Lower Upper
88 100
43 83.6 49.7 74.5#
58 65.1 52.5 78.7



Naphthalene
Concen: 0.46 ng/ul
RT: 10.756 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM033441.D
Acq: 14 Dec 2021 15:12

Tgt Ion: 128 Resp: 1999
Ion Ratio Lower Upper
128 100
129 16.6 13.4 20.2
127 18.9 15.2 22.8



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

2-Methylnaphthalene

Concen: 0.44 ng/ul

RT: 12.371 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.4024

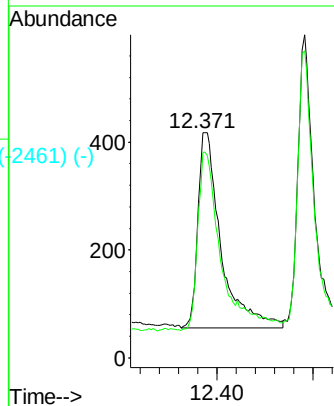
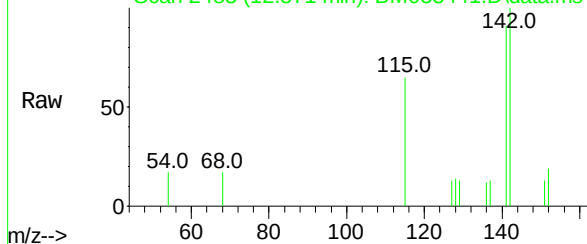
Tgt Ion:142 Resp: 1217

Ion Ratio Lower Upper

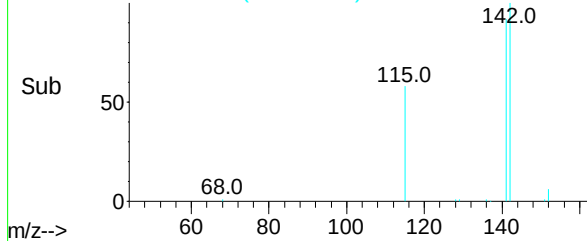
142 100

141 93.1 71.8 107.6

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



Abundance Scan 2483 (12.371 min): BM033441.D\data.ms (-2461) (-)



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

1-Methylnaphthalene

Concen: 0.43 ng/ul

RT: 12.582 min Scan# 2530

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

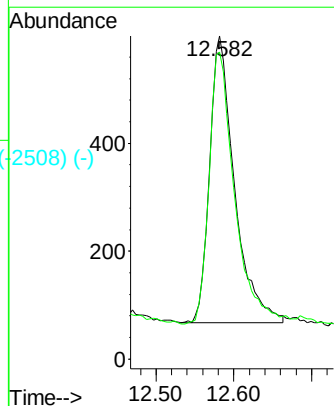
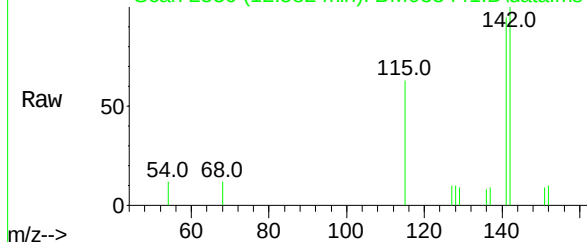
Tgt Ion:142 Resp: 1181

Ion Ratio Lower Upper

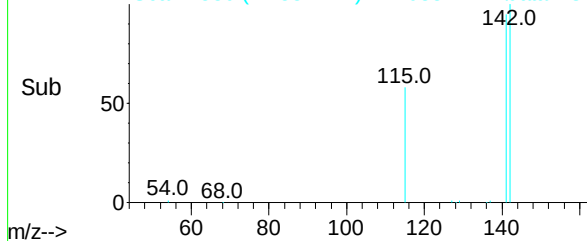
142 100

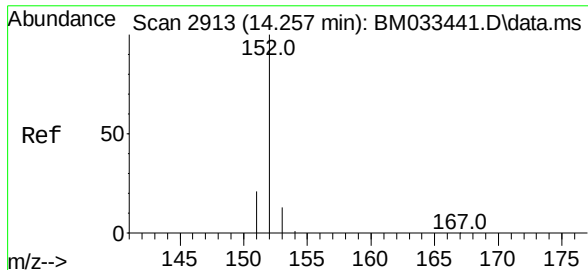
141 96.9 75.0 112.4

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



Abundance Scan 2530 (12.582 min): BM033441.D\data.ms (-2508) (-)

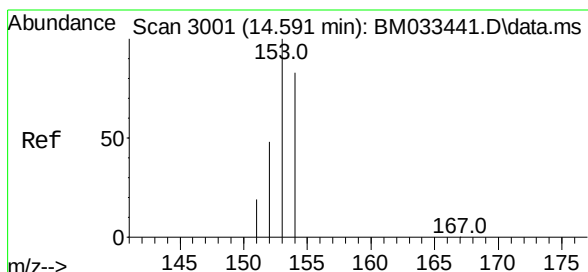
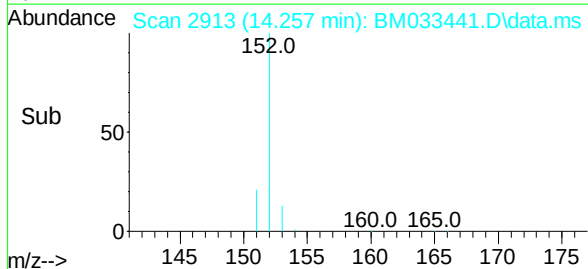
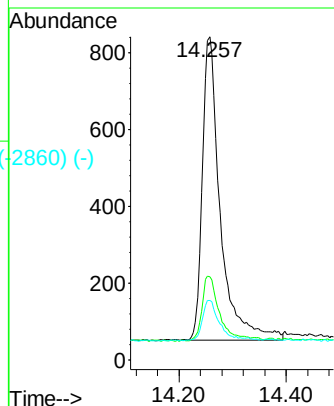
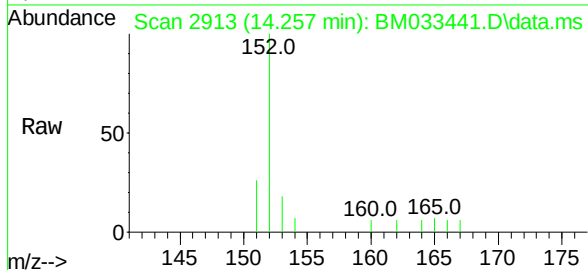




Acenaphthylene
Concen: 0.41 ng/ul
RT: 14.257 min Scan# 2913
Delta R.T. 0.000 min
Lab File: BM033441.D
Acq: 14 Dec 2021 15:12

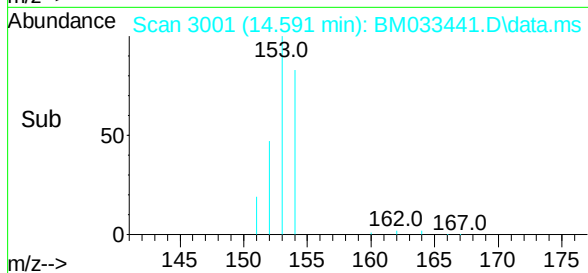
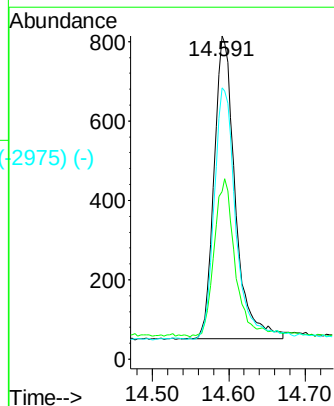
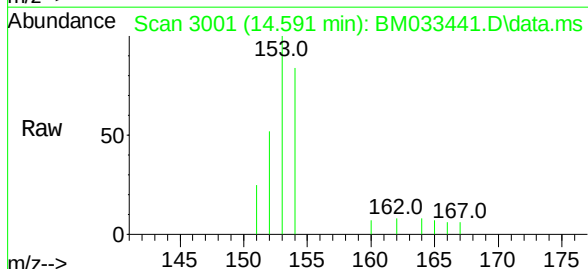
Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

Tgt Ion:	152	Resp:	1832
Ion	Ratio	Lower	Upper
152	100		
151	25.7	19.9	29.9
153	18.4	15.0	22.4

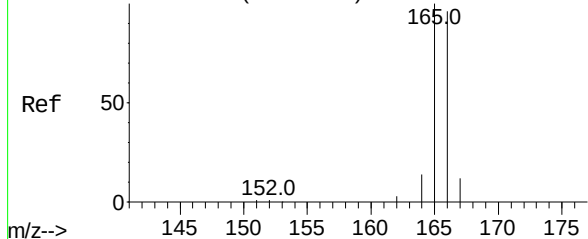


Acenaphthene
Concen: 0.43 ng/ul
RT: 14.591 min Scan# 3001
Delta R.T. 0.000 min
Lab File: BM033441.D
Acq: 14 Dec 2021 15:12

Tgt Ion:	153	Resp:	1474
Ion	Ratio	Lower	Upper
153	100		
152	52.0	42.4	63.6
154	84.0	66.2	99.2



Abundance Scan 3265 (15.592 min): BM033441.D\data.ms (-3239) (-)



Fluorene

Concen: 0.41 ng/ul

RT: 15.592 min Scan# 3265

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.4024

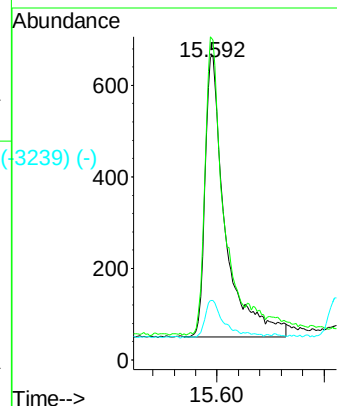
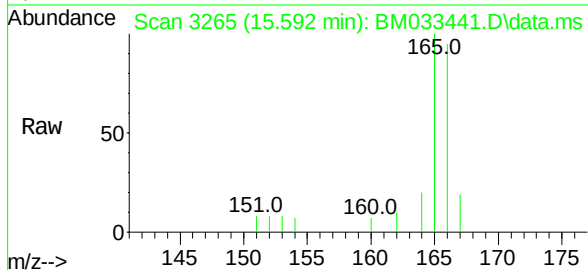
Tgt Ion:166 Resp: 1609

Ion Ratio Lower Upper

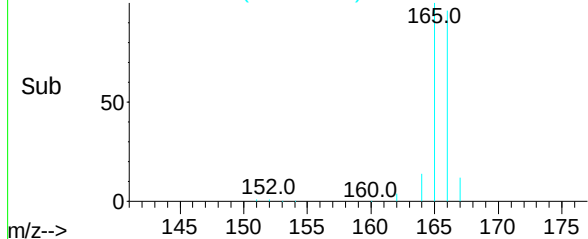
166 100

165 105.0 81.1 121.7

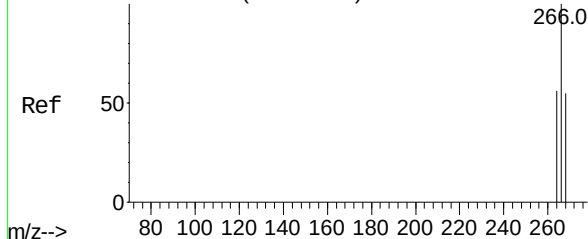
167 19.5 14.9 22.3



Abundance Scan 3265 (15.592 min): BM033441.D\data.ms (-3239) (-)



Abundance Scan 3636 (16.948 min): BM033441.D\data.ms (-3622) (-)



Pentachlorophenol

Concen: 0.37 ng/ul

RT: 16.948 min Scan# 3636

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

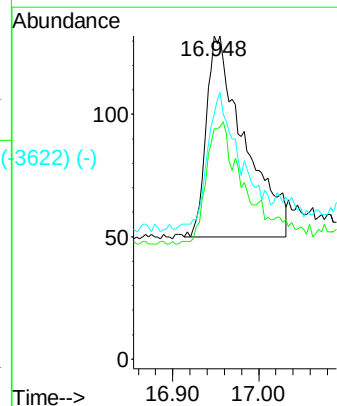
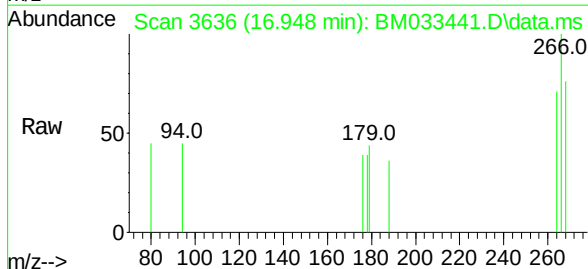
Tgt Ion:266 Resp: 252

Ion Ratio Lower Upper

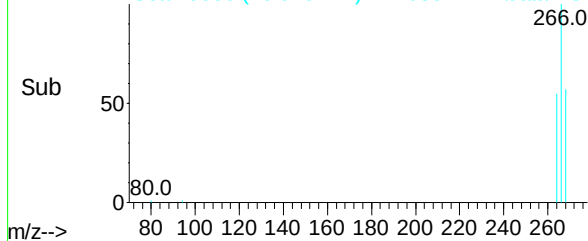
266 100

264 62.3 51.4 77.0

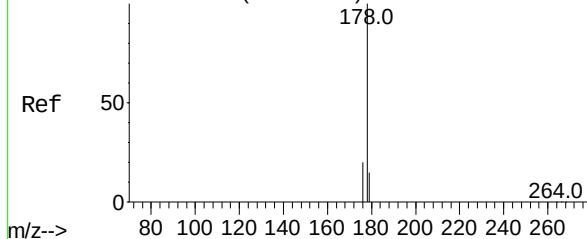
268 58.7 53.1 79.7



Abundance Scan 3636 (16.948 min): BM033441.D\data.ms (-3622) (-)



Abundance Scan 3743 (17.319 min): BM033441.D\data.ms (-3715) (-)



Phenanthrene

Concen: 0.37 ng/ul

RT: 17.319 min Scan#

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

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ClientSampleId :

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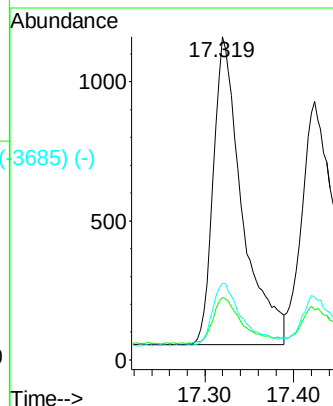
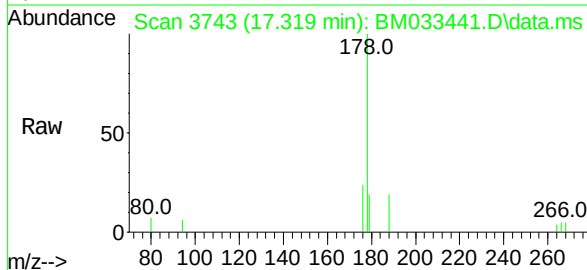
Tgt Ion:178 Resp: 2500

Ion Ratio Lower Upper

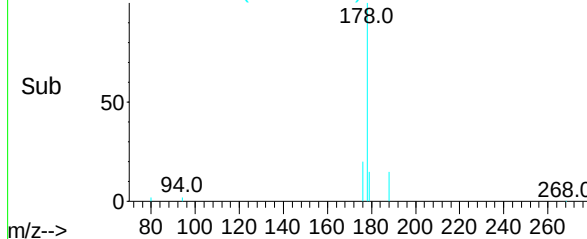
178 100

179 19.4 15.0 22.6

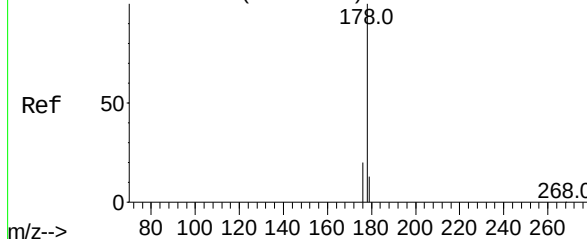
176 23.8 17.9 26.9



Abundance Scan 3743 (17.319 min): BM033441.D\data.ms (-3685) (-)



Abundance Scan 3773 (17.424 min): BM033441.D\data.ms (-3715) (-)



Anthracene

Concen: 0.38 ng/ul

RT: 17.424 min Scan# 3773

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

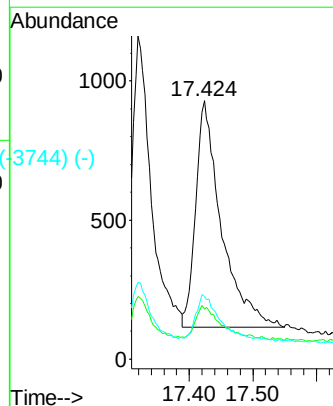
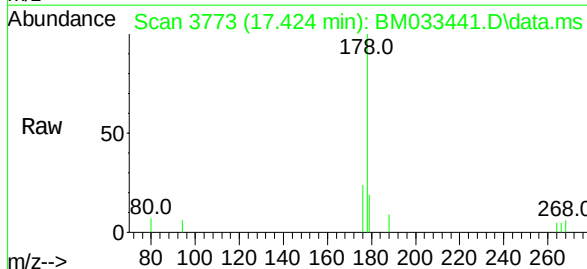
Tgt Ion:178 Resp: 2274

Ion Ratio Lower Upper

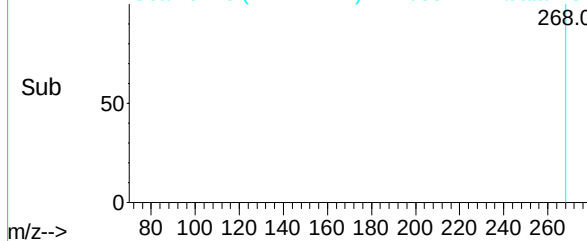
178 100

179 19.4 16.5 24.7

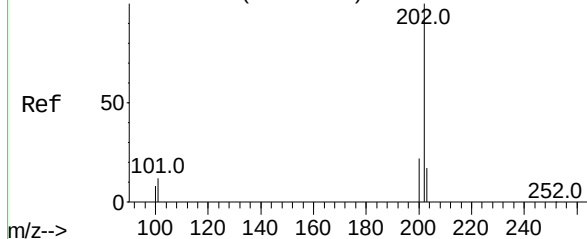
176 24.3 18.3 27.5



Abundance Scan 3773 (17.424 min): BM033441.D\data.ms (-3744) (-)



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



Fluoranthene

Concen: 0.28 ng/ul

RT: 19.322 min Scan# 4299

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

Instrument :

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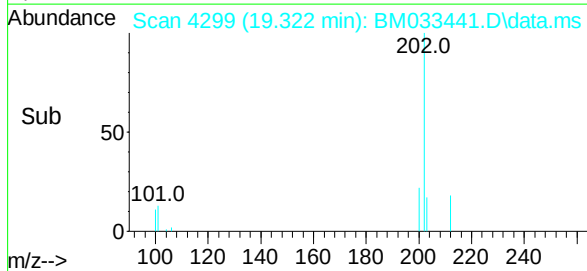
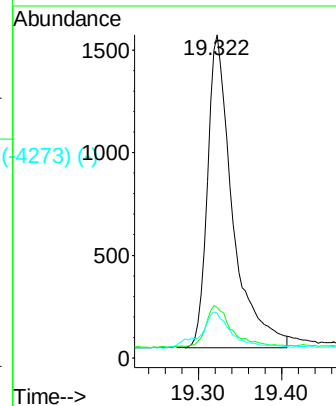
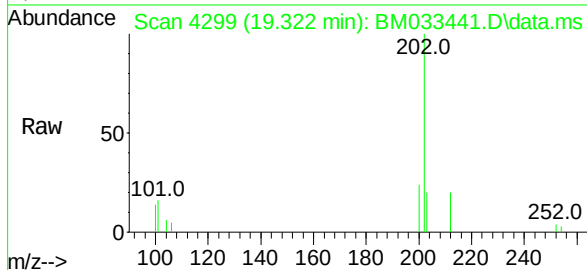
Tgt Ion:202 Resp: 3164

Ion Ratio Lower Upper

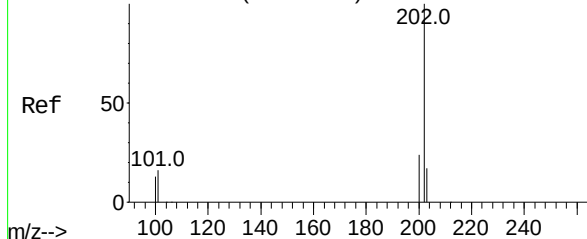
202 100

101 15.6 9.2 13.8#

100 13.9 7.2 10.8#



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



Pyrene

Concen: 0.29 ng/ul

RT: 19.684 min Scan# 4394

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

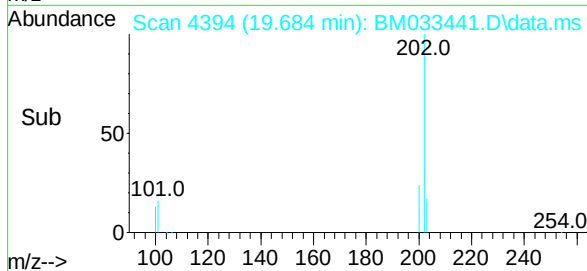
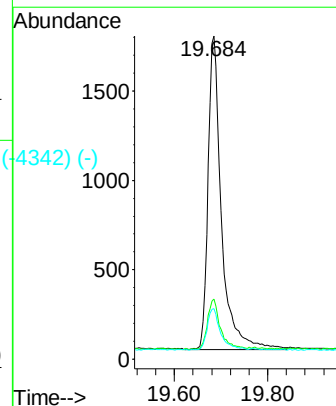
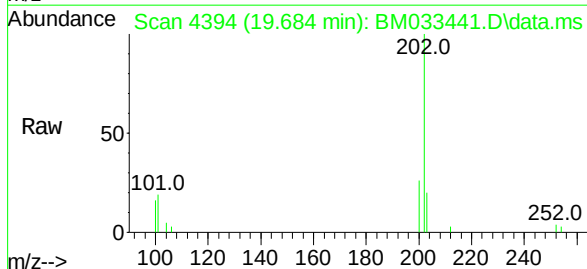
Tgt Ion:202 Resp: 3476

Ion Ratio Lower Upper

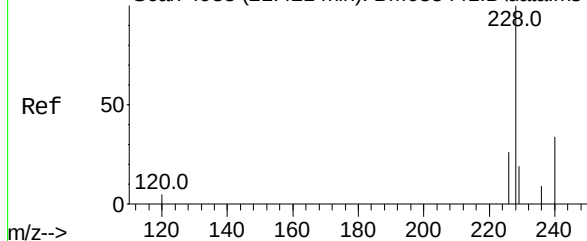
202 100

101 18.6 9.3 13.9#

100 15.6 7.8 11.6#



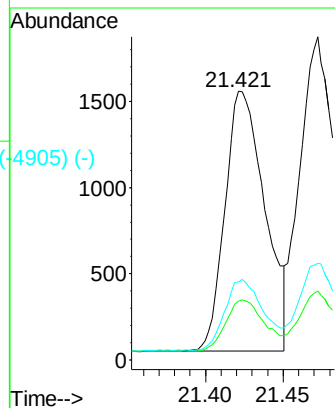
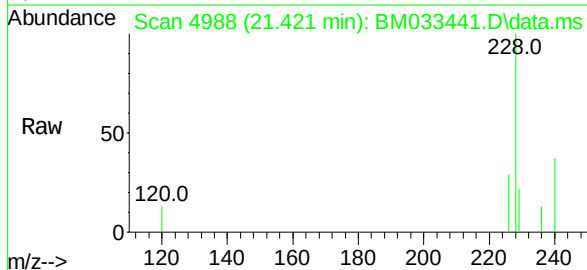
Abundance Scan 4988 (21.421 min): BM033441.D\data.ms (-4921) (-)



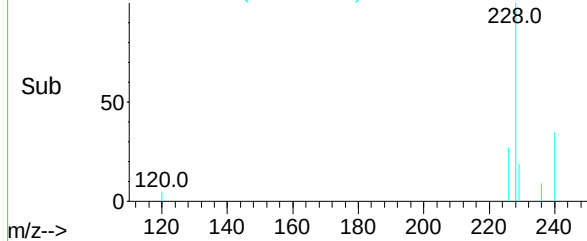
Benzo(a)anthracene
Concen: 0.28 ng/ul
RT: 21.421 min Scan# 4988
Delta R.T. 0.000 min
Lab File: BM033441.D
Acq: 14 Dec 2021 15:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

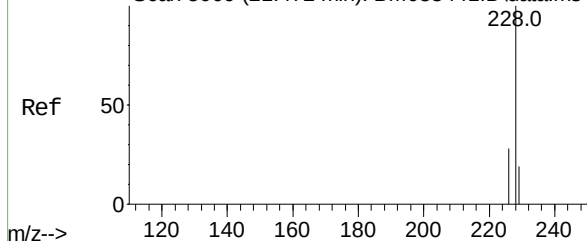
Tgt Ion:	228	Resp:	2698
Ion	Ratio	Lower	Upper
228	100		
229	22.0	17.3	25.9
226	29.1	23.2	34.8



Abundance Scan 4988 (21.421 min): BM033441.D\data.ms (-4905) (-)

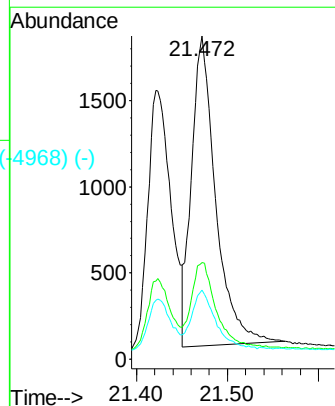
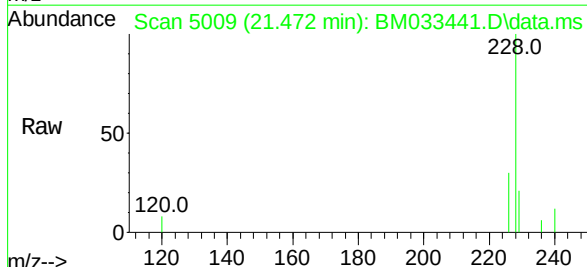


Abundance Scan 5009 (21.472 min): BM033441.D\data.ms (-5000) (-)

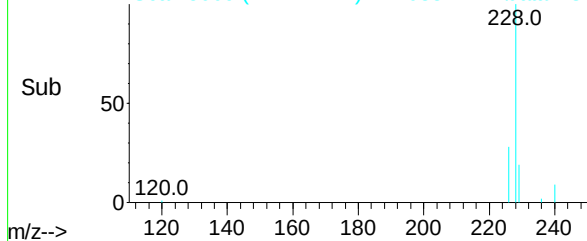


Chrysene
Concen: 0.30 ng/ul
RT: 21.472 min Scan# 5009
Delta R.T. 0.000 min
Lab File: BM033441.D
Acq: 14 Dec 2021 15:12

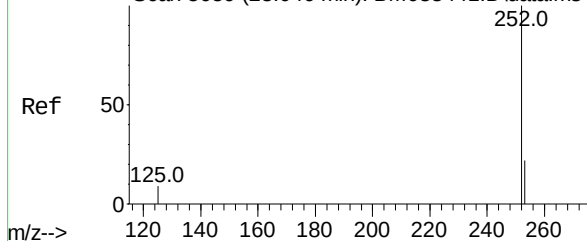
Tgt Ion:	228	Resp:	3302
Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.8	38.8
229	21.4	16.7	25.1



Abundance Scan 5009 (21.472 min): BM033441.D\data.ms (-4968) (-)



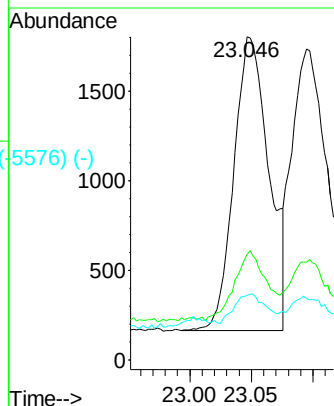
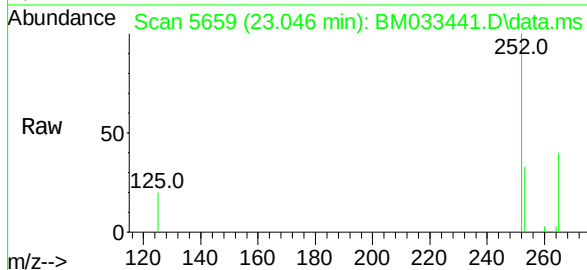
Abundance Scan 5659 (23.046 min): BM033441.D\data.ms (-5659) (-)



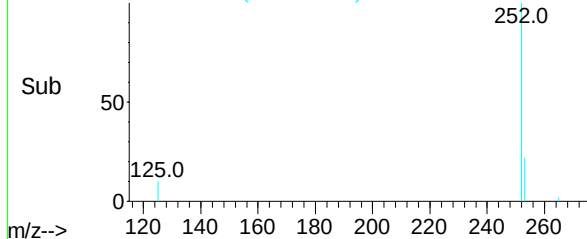
Benzo(b)fluoranthene
Concen: 0.29 ng/ul
RT: 23.046 min Scan# 5659
Delta R.T. 0.000 min
Lab File: BM033441.D
Acq: 14 Dec 2021 15:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.4024

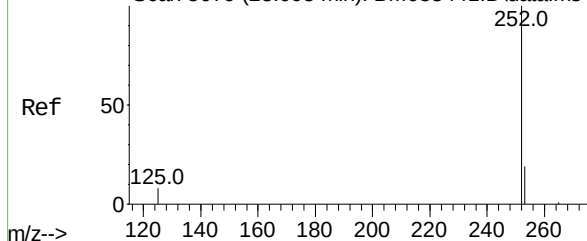
Tgt Ion:	252	Resp:	3251
Ion	Ratio	Lower	Upper
252	100		
253	32.8	0.0	64.2
125	20.0	0.0	28.8



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

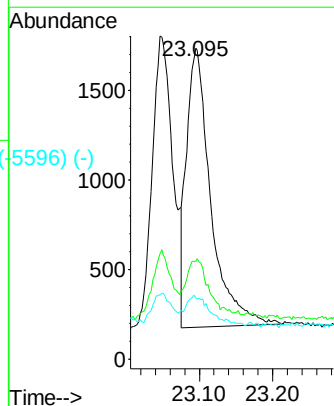
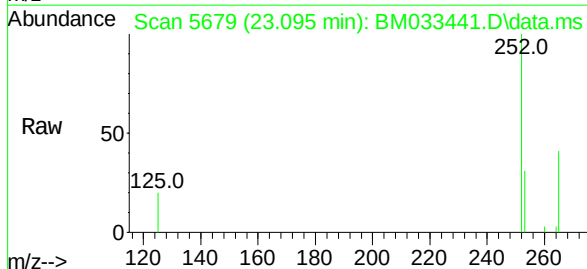


Abundance Scan 5679 (23.095 min): BM033441.D\data.ms (-5679) (-)

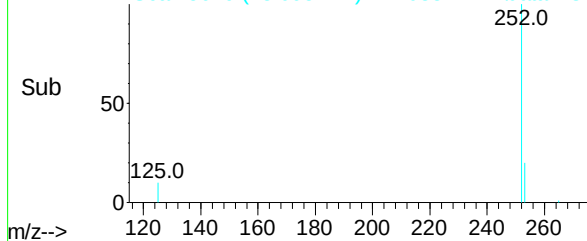


Benzo(k)fluoranthene
Concen: 0.28 ng/ul
RT: 23.095 min Scan# 5679
Delta R.T. 0.000 min
Lab File: BM033441.D
Acq: 14 Dec 2021 15:12

Tgt Ion:	252	Resp:	3554
Ion	Ratio	Lower	Upper
252	100		
253	31.4	26.8	40.2
125	19.7	12.0	18.0#



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



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

Benzo(a)pyrene

Concen: 0.29 ng/ul

RT: 23.654 min Scan# 5910

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

Instrument :

BNM

ClientSampleId :

SSTD0.4024

Tgt Ion:252 Resp: 2942

Ion Ratio Lower Upper

252 100

253 37.7 32.0 48.0

125 24.9 14.5 21.7#

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

252.0

125.0

Raw

50

125.0

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 5910 (23.654 min): BM033441.D\data.ms (-5869) (-)

252.0

125.0

Sub

50

125.0

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.654

1000

500

0

Time-->

23.60 23.70 23.80

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

Indeno(1,2,3-cd)pyrene

Concen: 0.25 ng/ul

RT: 26.121 min Scan# 6928

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

Tgt Ion:276 Resp: 3326

Ion Ratio Lower Upper

276 100

138 24.8 15.8 23.6#

227 0.0 0.0 0.0

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

276.0

138.0

Raw

50

138.0

0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 6928 (26.121 min): BM033441.D\data.ms (-6845) (-)

276.0

138.0

Sub

50

138.0

0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.121

600

400

200

0

Time-->

26.00 26.20

Abundance Scan 6939 (26.148 min): BM033441.D\data.ms (-6828) (-)

Dibenzo(a,h)anthracene

Concen: 0.24 ng/ul

RT: 26.148 min Scan# 6939

Delta R.T. 0.000 min

Lab File: BM033441.D

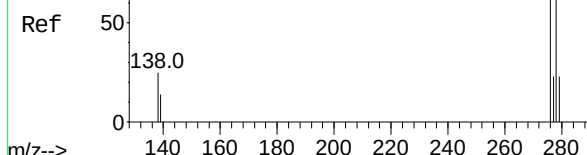
Acq: 14 Dec 2021 15:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.4024



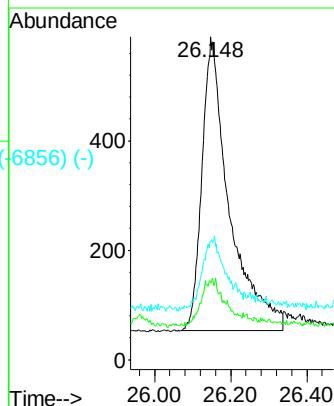
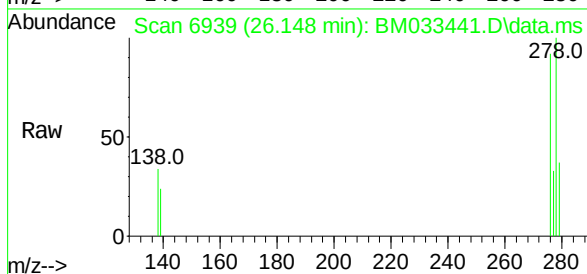
Tgt Ion:278 Resp: 2682

Ion Ratio Lower Upper

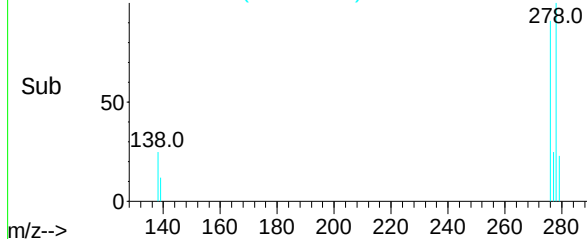
278 100

139 23.7 18.0 27.0

279 36.6 28.6 42.8



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



Abundance Scan 7225 (26.840 min): BM033441.D\data.ms (-7129) (-)

Benzo(g,h,i)perylene

Concen: 0.25 ng/ul

RT: 26.840 min Scan# 7225

Delta R.T. 0.000 min

Lab File: BM033441.D

Acq: 14 Dec 2021 15:12

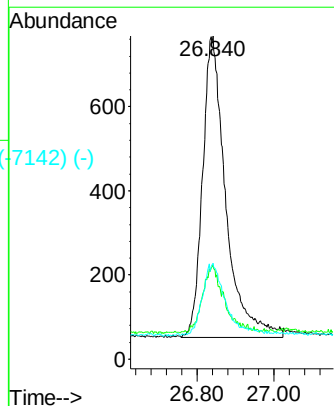
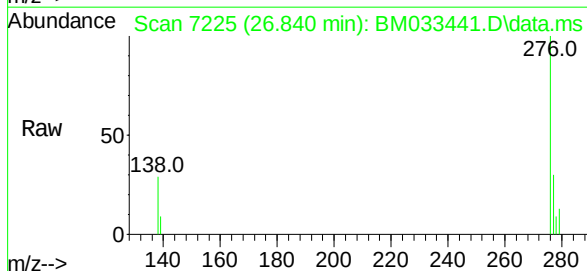
Tgt Ion:276 Resp: 2999

Ion Ratio Lower Upper

276 100

138 29.0 17.4 26.0#

277 29.7 22.6 33.8



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

