

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
 Data File : BM033439.D
 Acq On : 14 Dec 2021 14:00
 Operator : CG/JU
 Sample : SSTD0.115
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.1022

Quant Time: Dec 15 00:39:11 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

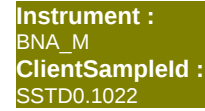
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

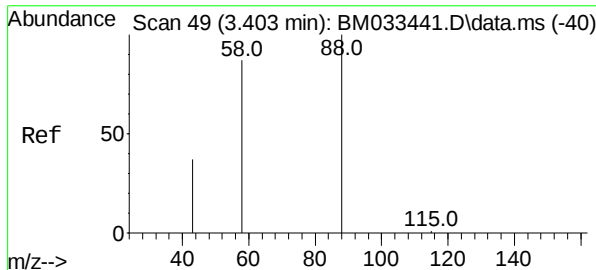
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	604	0.40	ng/ul	0.00
4) Naphthalene-d8	10.751	136	1511	0.40	ng/ul	# 0.05
9) Acenaphthene-d10	0.000	164	0	0.00	ng/ul	-14.53
13) Phenanthrene-d10	17.309	188	1679	0.40	ng/ul	# 0.03
17) Chrysene-d12	21.443	240	3336	0.40	ng/ul	# 0.00
23) Perylene-d12	23.754	264	3210	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	47	0.08	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	151	0.07	ng/ul	0.07
18) Fluoranthene-d10	19.307	212	739	0.08	ng/ul	0.02
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.403	88	85	0.12	ng/ul#	36
5) Naphthalene	10.792	128	600	0.13	ng/ul#	48
7) 2-Methylnaphthalene	12.438	142	281	0.09	ng/ul	85
8) 1-Methylnaphthalene	12.622	142	319	0.11	ng/ul	94
14) Pentachlorophenol	17.000	266	64	0.11	ng/ul#	40
15) Phenanthrene	17.347	178	725	0.13	ng/ul#	68
16) Anthracene	17.458	178	590	0.12	ng/ul#	66
19) Fluoranthene	19.341	202	929	0.07	ng/ul#	61
20) Pyrene	19.692	202	1115	0.08	ng/ul#	64
21) Benzo(a)anthracene	21.436	228	735	0.07	ng/ul#	85
22) Chrysene	21.479	228	1040	0.09	ng/ul#	91
24) Benzo(b)fluoranthene	23.058	252	820	0.07	ng/ul#	47
25) Benzo(k)fluoranthene	23.107	252	1073	0.08	ng/ul#	51
26) Benzo(a)pyrene	23.667	252	977	0.09	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.165	276	896	0.06	ng/ul#	63
28) Dibenzo(a,h)anthracene	26.184	278	731	0.06	ng/ul#	47
29) Benzo(g,h,i)perylene	26.860	276	820	0.06	ng/ul#	60

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

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1,4-Dioxane

Concen: 0.12 ng/ul

RT: 3.403 min Scan# 4

Delta R.T. 0.000 min

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ClientSampleId :

SSTD0.1022

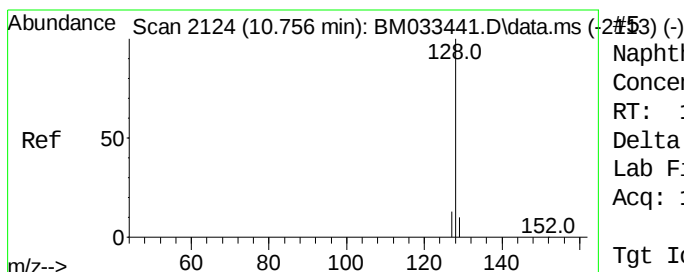
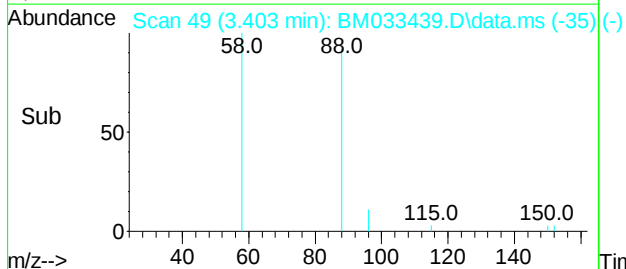
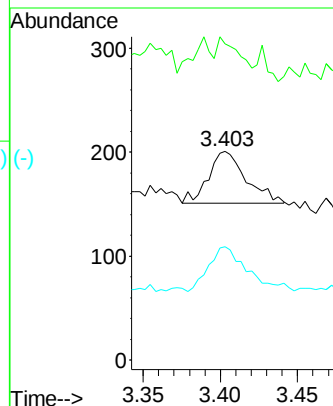
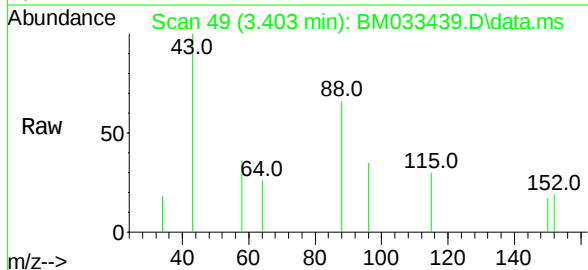
Tgt Ion: 88 Resp: 85

Ion Ratio Lower Upper

88 100

43 151.2 49.7 74.5#

58 54.2 52.5 78.7



Naphthalene

Concen: 0.13 ng/ul

RT: 10.792 min Scan# 2132

Delta R.T. 0.036 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

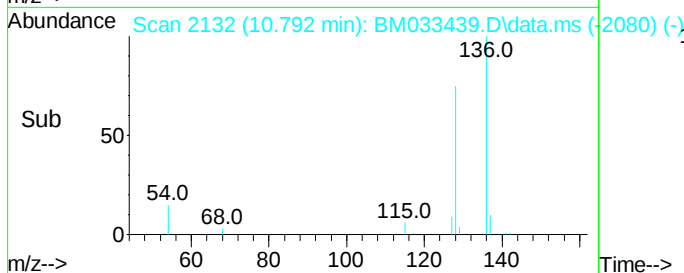
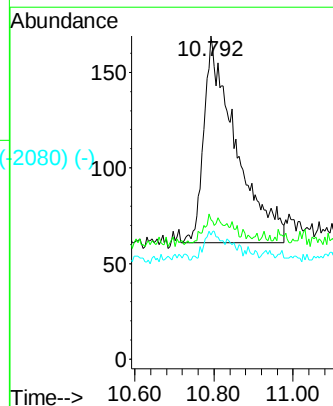
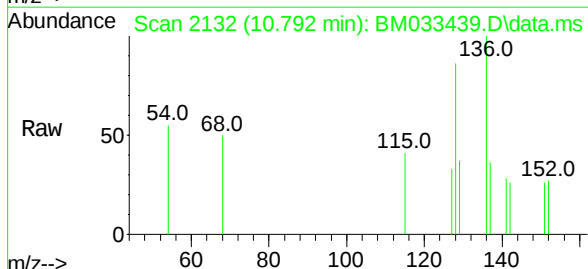
Tgt Ion: 128 Resp: 600

Ion Ratio Lower Upper

128 100

129 43.2 13.4 20.2#

127 38.5 15.2 22.8#



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

2-Methylnaphthalene

Concen: 0.09 ng/ul

RT: 12.438 min Scan# 2498

Delta R.T. 0.067 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.1022

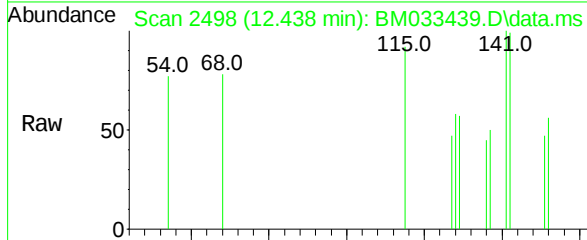
Tgt Ion:142 Resp: 281

Ion Ratio Lower Upper

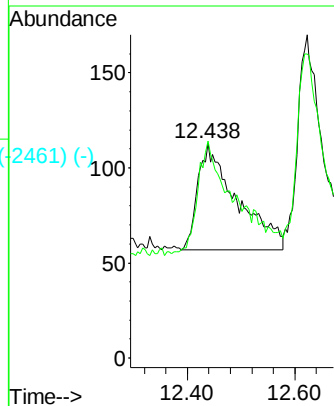
142 100

141 103.6 71.8 107.6

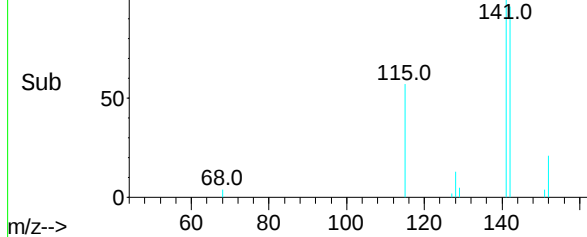
Abundance Scan 2498 (12.438 min): BM033439.D\data.ms



m/z-->



Abundance Scan 2498 (12.438 min): BM033439.D\data.ms (-2461) (-)



m/z-->

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

1-Methylnaphthalene

Concen: 0.11 ng/ul

RT: 12.622 min Scan# 2539

Delta R.T. 0.040 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

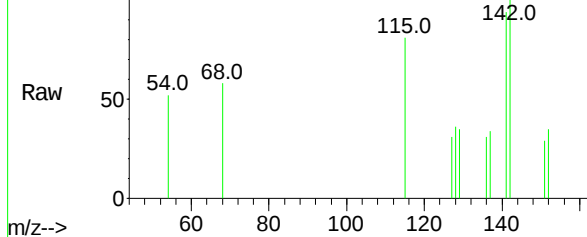
Tgt Ion:142 Resp: 319

Ion Ratio Lower Upper

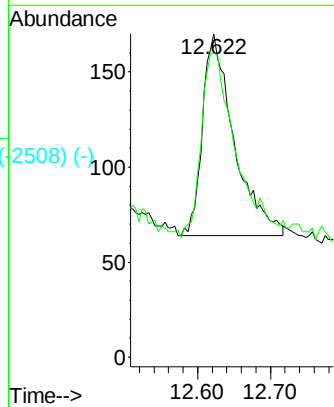
142 100

141 99.7 75.0 112.4

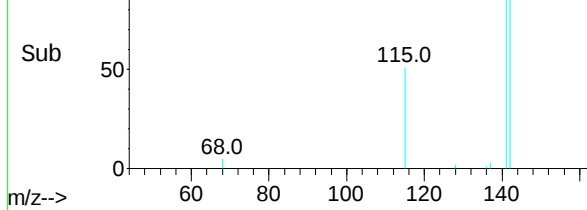
Abundance Scan 2539 (12.622 min): BM033439.D\data.ms



m/z-->



Abundance Scan 2539 (12.622 min): BM033439.D\data.ms (-2508) (-)



m/z-->

Abundance Scan 3636 (16.948 min): BM033441.D\data.ms (-3619) (-)

Pentachlorophenol

Concen: 0.11 ng/ul

RT: 17.000 min Scan# 3619

Delta R.T. 0.052 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

Instrument :

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Tgt Ion:266 Resp: 64

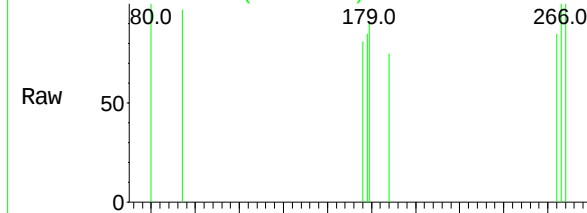
Ion Ratio Lower Upper

266 100

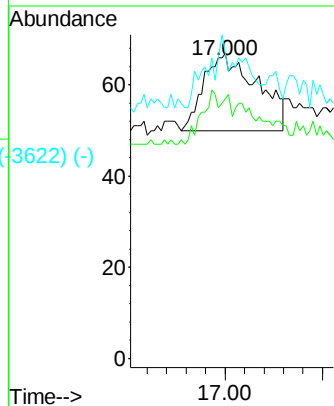
264 0.0 51.4 77.0#

268 35.9 53.1 79.7#

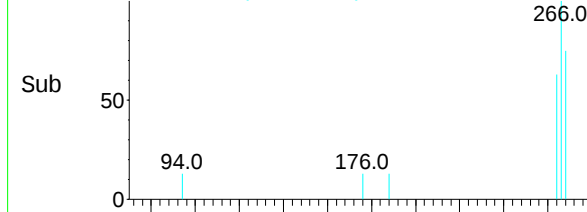
Abundance Scan 3651 (17.000 min): BM033439.D\data.ms



m/z-->



Abundance Scan 3651 (17.000 min): BM033439.D\data.ms (-3622) (-)



m/z-->

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

Phenanthrene

Concen: 0.13 ng/ul

RT: 17.347 min Scan# 3751

Delta R.T. 0.028 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

Tgt Ion:178 Resp: 725

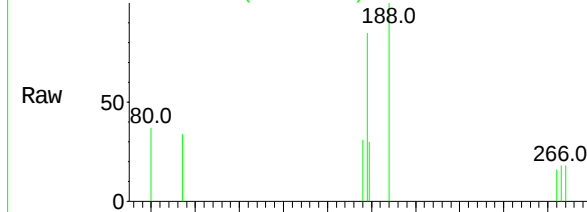
Ion Ratio Lower Upper

178 100

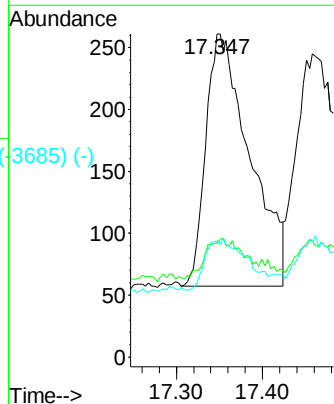
179 35.2 15.0 22.6#

176 36.0 17.9 26.9#

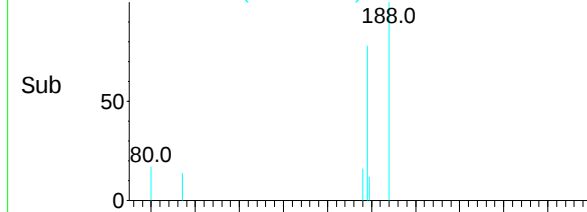
Abundance Scan 3751 (17.347 min): BM033439.D\data.ms



m/z-->

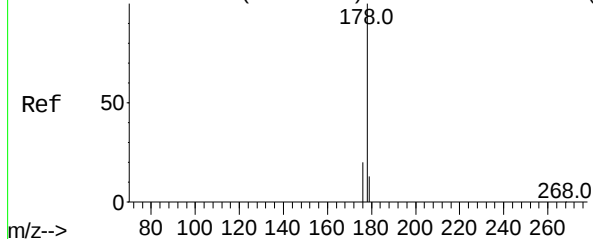


Abundance Scan 3751 (17.347 min): BM033439.D\data.ms (-3685) (-)



m/z-->

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



Anthracene

Concen: 0.12 ng/ul

RT: 17.458 min Scan#

Delta R.T. 0.035 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

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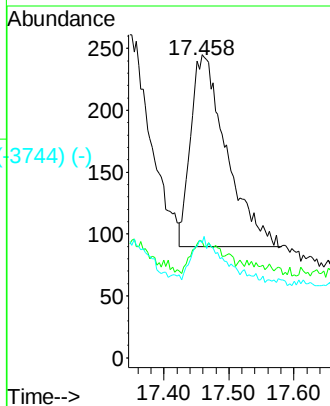
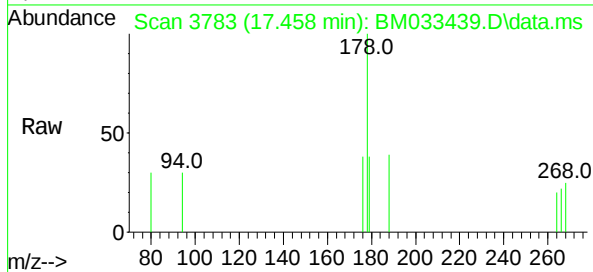
Tgt Ion:178 Resp: 590

Ion Ratio Lower Upper

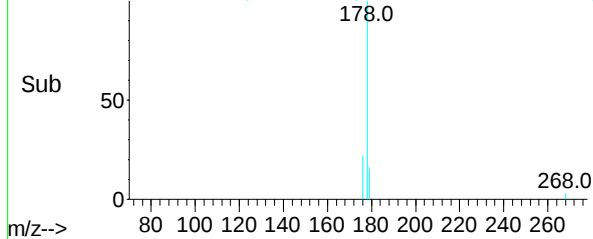
178 100

179 38.4 16.5 24.7#

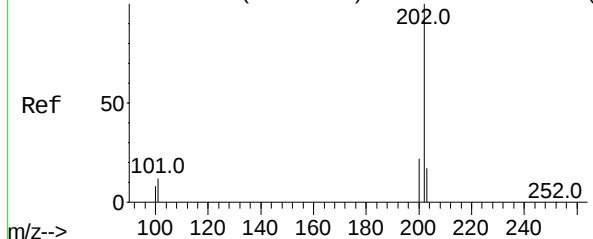
176 38.0 18.3 27.5#



Abundance Scan 3783 (17.458 min): BM033439.D\data.ms (-3744) (-)



Abundance Scan 4299 (19.322 min): BM033441.D\data.ms (-4219) (-)



Fluoranthene

Concen: 0.07 ng/ul

RT: 19.341 min Scan# 4304

Delta R.T. 0.019 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

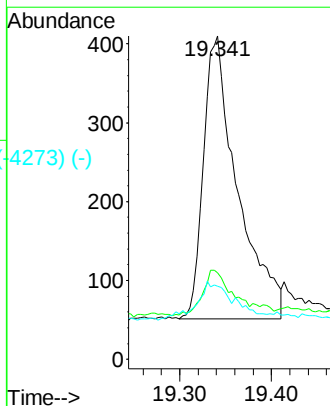
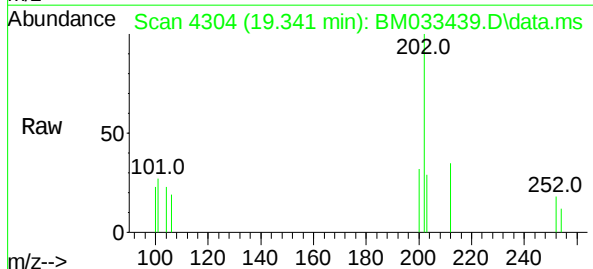
Tgt Ion:202 Resp: 929

Ion Ratio Lower Upper

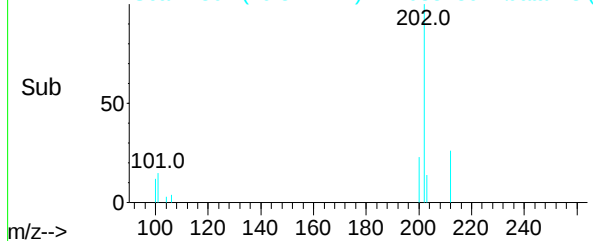
202 100

101 26.8 9.2 13.8#

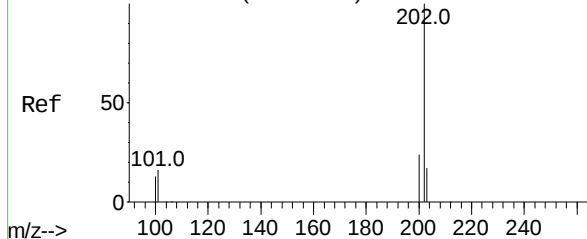
100 22.7 7.2 10.8#



Abundance Scan 4304 (19.341 min): BM033439.D\data.ms (-4273) (-)



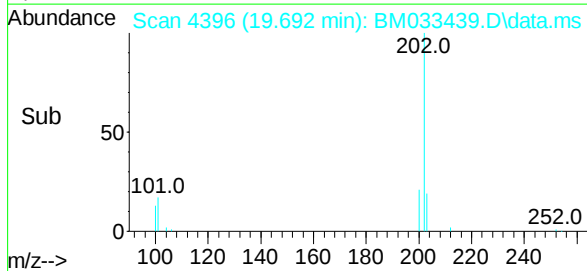
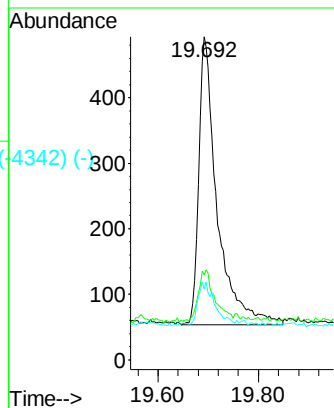
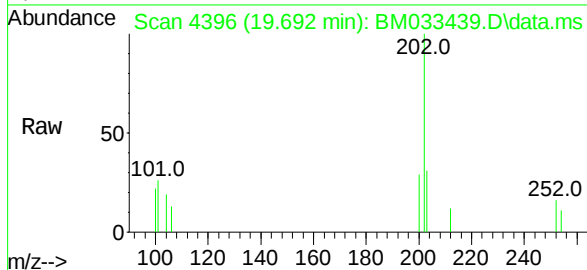
Abundance Scan 4394 (19.684 min): BM033441.D\data.ms (-4320) (-)



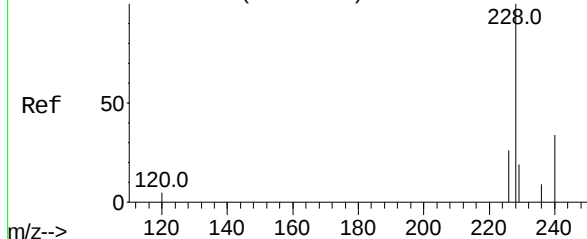
Pyrene
Concen: 0.08 ng/ul
RT: 19.692 min Scan# 4394
Delta R.T. 0.008 min
Lab File: BM033439.D
Acq: 14 Dec 2021 14:00

Instrument :
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Tgt Ion:	202	Resp:	1115
Ion	Ratio	Lower	Upper
202	100		
101	26.4	9.3	13.9#
100	21.9	7.8	11.6#

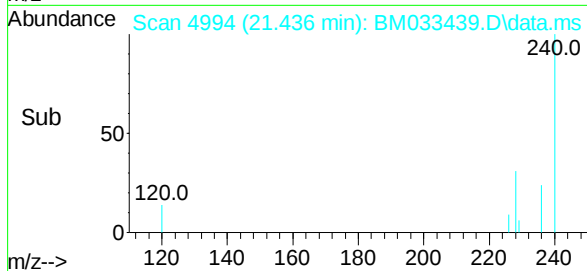
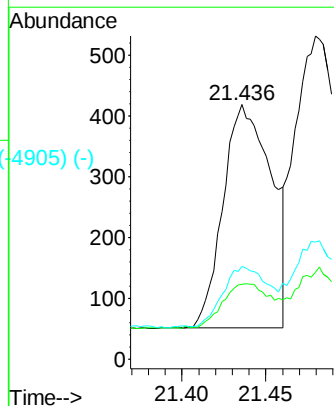
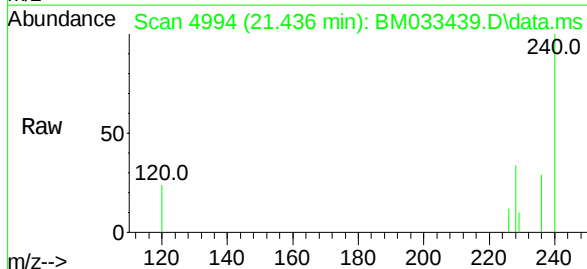


Abundance Scan 4988 (21.421 min): BM033441.D\data.ms (-4921) (-)



Benzo(a)anthracene
Concen: 0.07 ng/ul
RT: 21.436 min Scan# 4994
Delta R.T. 0.015 min
Lab File: BM033439.D
Acq: 14 Dec 2021 14:00

Tgt Ion:	228	Resp:	735
Ion	Ratio	Lower	Upper
228	100		
229	29.4	17.3	25.9#
226	36.5	23.2	34.8#



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

Chrysene

Concen: 0.09 ng/ul

RT: 21.479 min Scan# 5009

Delta R.T. 0.007 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.1022

Tgt Ion:228 Resp: 1040

Ion Ratio Lower Upper

228 100

226 36.3 25.8 38.8

229 26.9 16.7 25.1#

Abundance Scan 5012 (21.479 min): BM033439.D\data.ms

228.0

120.0

Raw

50

0

m/z-->

120 140 160 180 200 220 240

Abundance Scan 5012 (21.479 min): BM033439.D\data.ms (-4968) (-)

228.0

120.0

Sub

50

0

m/z-->

120 140 160 180 200 220 240

Abundance

500

400

300

200

100

0

Time-->

21.50

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

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

RT: 23.058 min Scan# 5664

Delta R.T. 0.012 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

Tgt Ion:252 Resp: 820

Ion Ratio Lower Upper

252 100

253 56.0 0.0 64.2

125 45.3 0.0 28.8#

Abundance Scan 5664 (23.058 min): BM033439.D\data.ms

265.0

125.0

Raw

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 5664 (23.058 min): BM033439.D\data.ms (-5576) (-)

252.0

125.0

Sub

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

600

400

200

0

Time-->

23.00 23.05 23.10

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

Benzo(k)fluoranthene

Concen: 0.08 ng/ul

RT: 23.107 min Scan# 5915

Delta R.T. 0.012 min

Lab File: BM033439.D

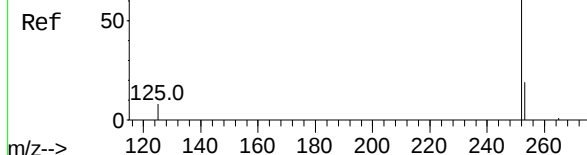
Acq: 14 Dec 2021 14:00

Instrument :

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ClientSampleId :

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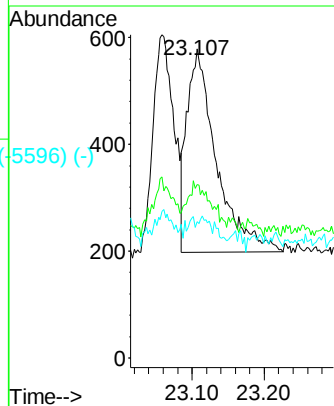
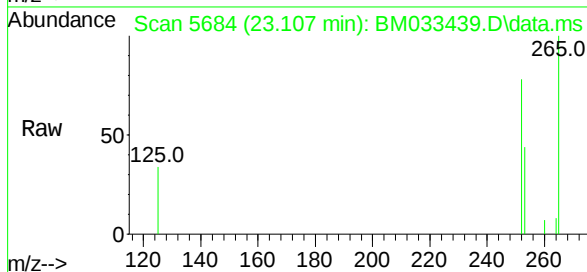
Tgt Ion:252 Resp: 1073

Ion Ratio Lower Upper

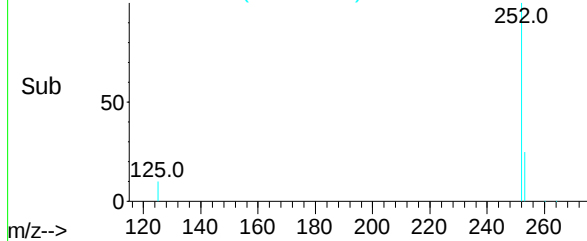
252 100

253 56.1 26.8 40.2#

125 44.0 12.0 18.0#



Abundance Scan 5684 (23.107 min): BM033439.D\data.ms (-5596) (-)



Abundance Scan 5910 (23.654 min): BM033441.D\data.ms (-5625) (-)

Benzo(a)pyrene

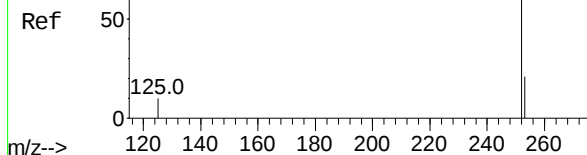
Concen: 0.09 ng/ul

RT: 23.667 min Scan# 5915

Delta R.T. 0.012 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00



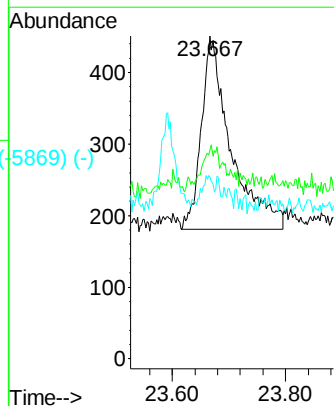
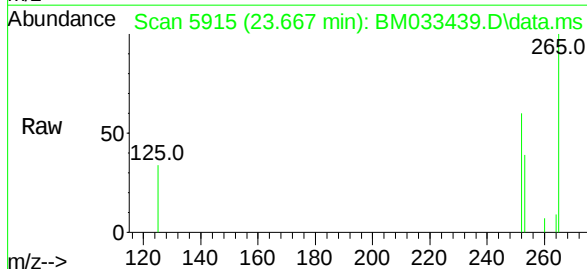
Tgt Ion:252 Resp: 977

Ion Ratio Lower Upper

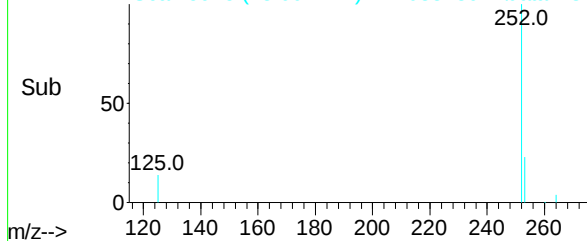
252 100

253 64.7 32.0 48.0#

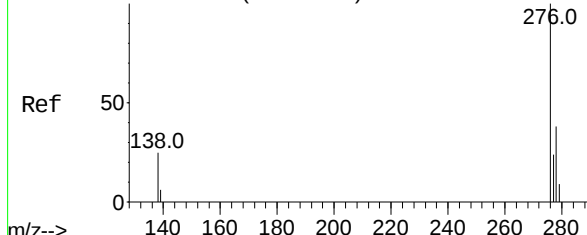
125 56.3 14.5 21.7#



Abundance Scan 5915 (23.667 min): BM033439.D\data.ms (-5869) (-)



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



Indeno(1,2,3-cd)pyrene

Concen: 0.06 ng/ul

RT: 26.165 min Scan# 6946

Delta R.T. 0.044 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

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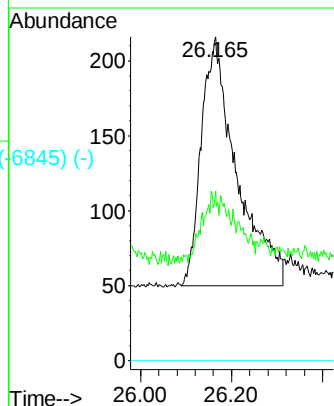
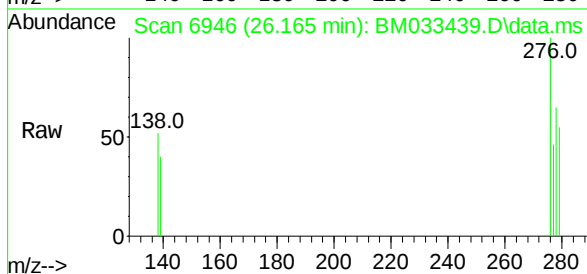
Tgt Ion:276 Resp: 896

Ion Ratio Lower Upper

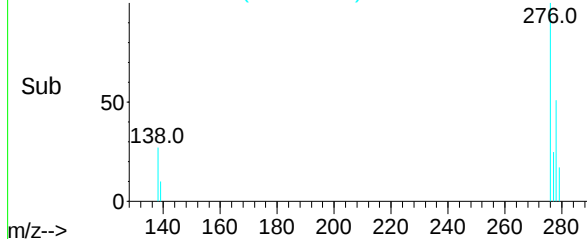
276 100

138 2.9 15.8 23.6#

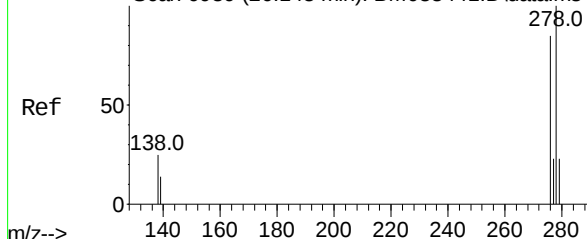
227 0.0 0.0 0.0



Abundance Scan 6946 (26.165 min): BM033439.D\data.ms (-6845) (-)



Abundance Scan 6939 (26.148 min): BM033441.D\data.ms (-6928) (-)



Dibenzo(a,h)anthracene

Concen: 0.06 ng/ul

RT: 26.184 min Scan# 6954

Delta R.T. 0.036 min

Lab File: BM033439.D

Acq: 14 Dec 2021 14:00

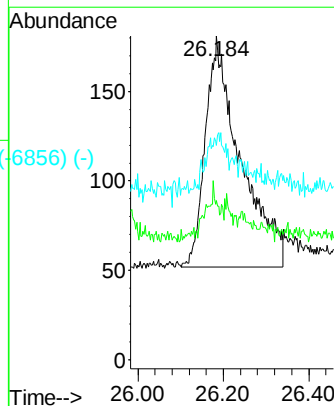
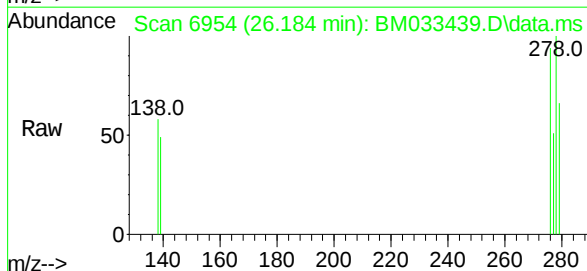
Tgt Ion:278 Resp: 731

Ion Ratio Lower Upper

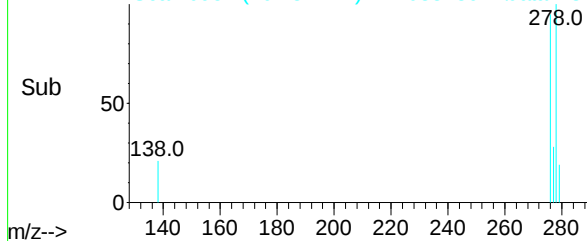
278 100

139 49.2 18.0 27.0#

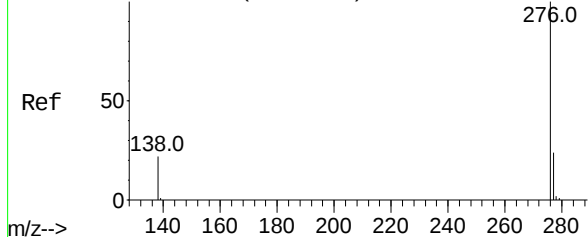
279 66.3 28.6 42.8#



Abundance Scan 6954 (26.184 min): BM033439.D\data.ms (-6856) (-)

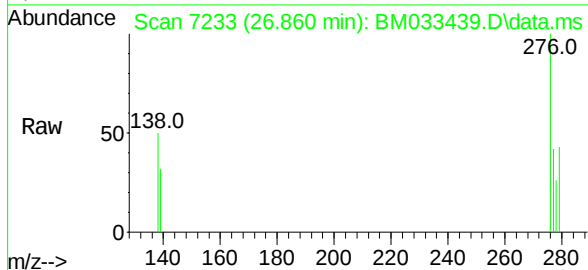


Abundance Scan 7225 (26.840 min): BM033441.D\data.ms (-7129) (-)



Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 26.860 min Scan#
Delta R.T. 0.019 min
Lab File: BM033439.D
Acq: 14 Dec 2021 14:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.1022



Tgt Ion:	276	Resp:	820
Ion	Ratio	Lower	Upper
276	100		
138	49.8	17.4	26.0#
277	41.8	22.6	33.8#

Abundance Scan 7233 (26.860 min): BM033439.D\data.ms (-7142) (-)

