

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033609.D
 Acq On : 23 Dec 2021 12:00
 Operator : CG/JU
 Sample : PB141515BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS515

Quant Time: Dec 24 22:53:05 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)

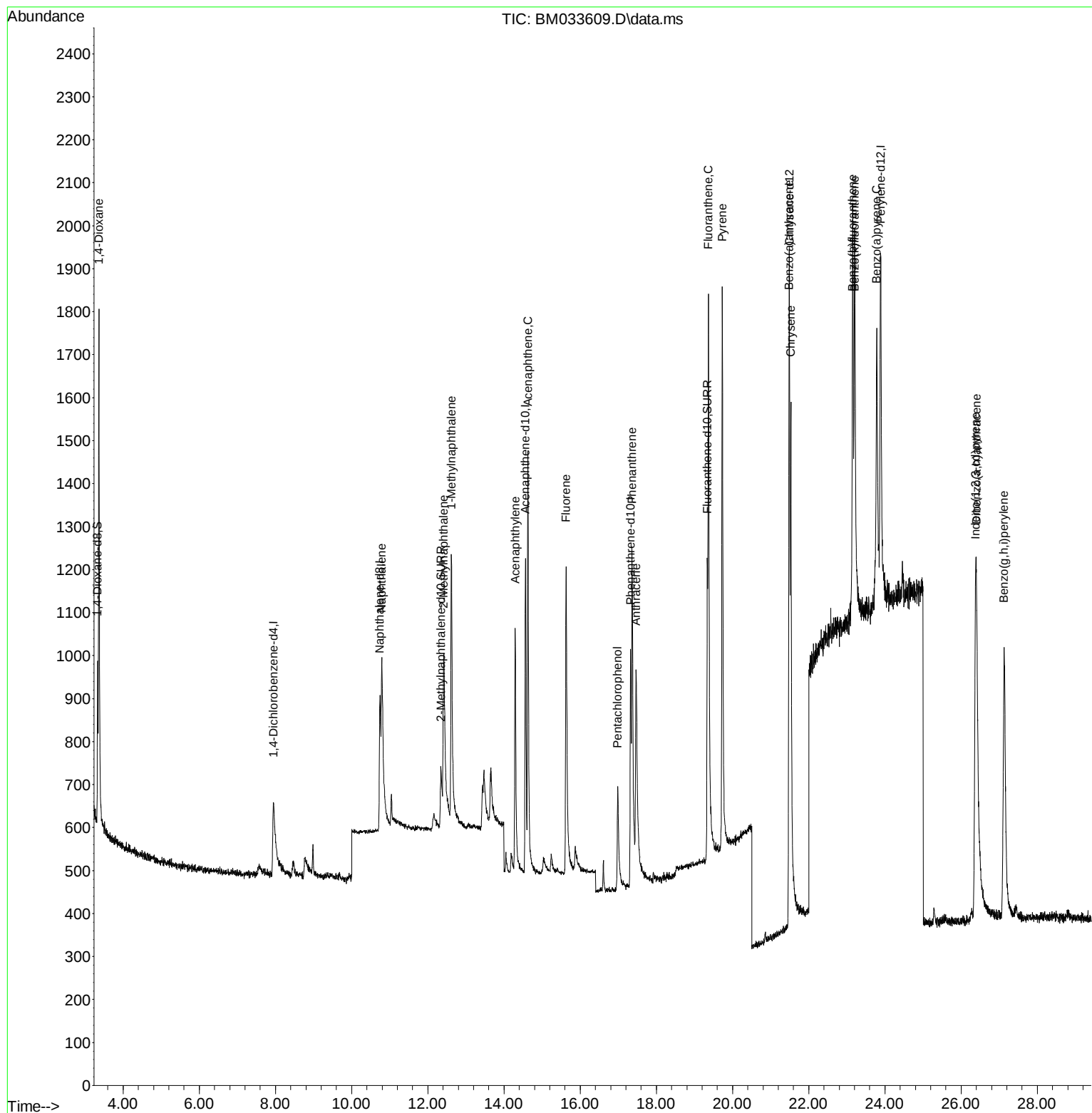
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	193	0.400	ng/ul	0.02
4) Naphthalene-d8	10.743	136	876	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.565	164	506	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	1047	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.495	240	1332	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	1445	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	227	1.378	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	422	0.360	ng/ul	0.02
18) Fluoranthene-d10	19.338	212	1233	0.400	ng/ul	0.00
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.365	88	727	3.407	ng/ul	89
5) Naphthalene	10.792	128	981	0.339	ng/ul#	82
7) 2-Methylnaphthalene	12.420	142	594	0.301	ng/ul	92
8) 1-Methylnaphthalene	12.618	142	584	0.317	ng/ul	95
10) Acenaphthylene	14.292	152	955	0.352	ng/ul#	89
11) Acenaphthene	14.629	153	752	0.364	ng/ul	97
12) Fluorene	15.630	166	806	0.352	ng/ul#	98
14) Pentachlorophenol	16.983	266	296	0.564	ng/ul	98
15) Phenanthrene	17.365	178	1220	0.359	ng/ul#	93
16) Anthracene	17.465	178	1046	0.328	ng/ul#	85
19) Fluoranthene	19.369	202	1517	0.371	ng/ul#	91
20) Pyrene	19.731	202	1649	0.386	ng/ul#	87
21) Benzo(a)anthracene	21.482	228	1144	0.313	ng/ul	93
22) Chrysene	21.531	228	1503	0.364	ng/ul	95
24) Benzo(b)fluoranthene	23.154	252	1486	0.325	ng/ul	85
25) Benzo(k)fluoranthene	23.207	252	1839	0.384	ng/ul#	88
26) Benzo(a)pyrene	23.786	252	1416	0.335	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.378	276	2009	0.343	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.400	278	1582	0.336	ng/ul#	86
29) Benzo(g,h,i)perylene	27.127	276	1801	0.348	ng/ul#	90

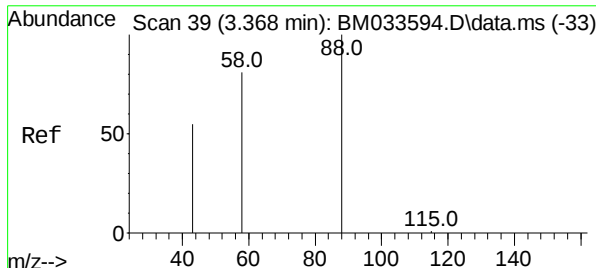
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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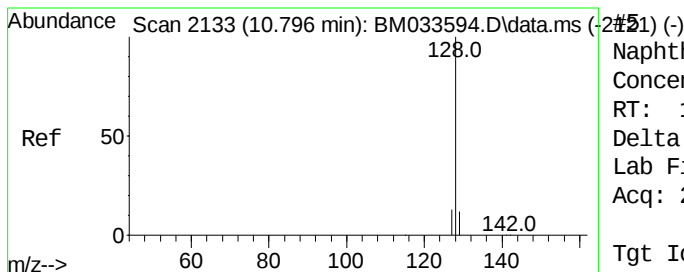
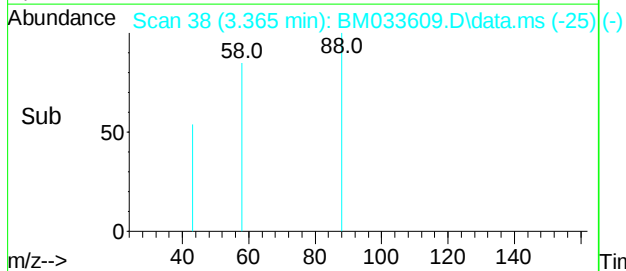
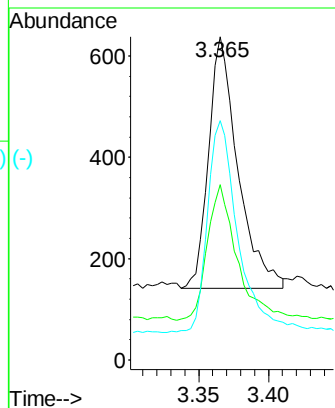
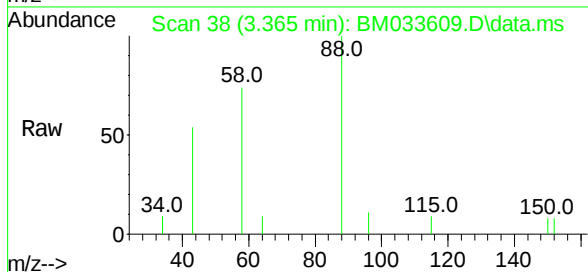




1,4-Dioxane
 Concen: 3.407 ng/ul
 RT: 3.365 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BM033609.D
 Acq: 23 Dec 2021 12:00

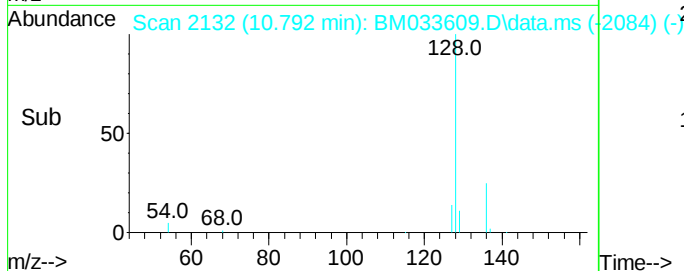
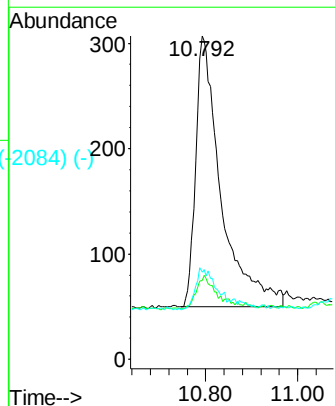
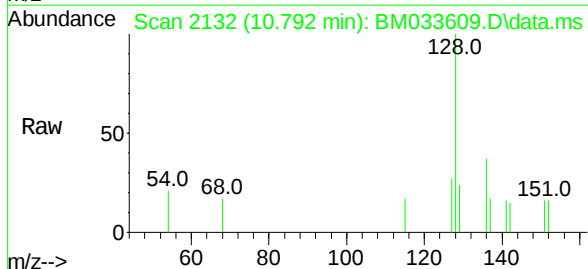
Instrument :
 BNA_M
 ClientSampleId :
 SLCS515

Tgt Ion: 88 Resp: 727
 Ion Ratio Lower Upper
 88 100
 43 54.2 49.7 74.5
 58 74.1 52.5 78.7



Naphthalene
 Concen: 0.339 ng/ul
 RT: 10.792 min Scan# 2132
 Delta R.T. 0.014 min
 Lab File: BM033609.D
 Acq: 23 Dec 2021 12:00

Tgt Ion: 128 Resp: 981
 Ion Ratio Lower Upper
 128 100
 129 24.4 13.4 20.2#
 127 27.0 15.2 22.8#



Abundance Scan 2493 (12.416 min): BM033594.D\data.ms (-2471) (-)

2-Methylnaphthalene

Concen: 0.301 ng/u1

RT: 12.420 min Scan# 2493

Delta R.T. 0.027 min

Lab File: BM033609.D

Acq: 23 Dec 2021 12:00

Instrument :

BNA_M

ClientSampleId :

SLCS515

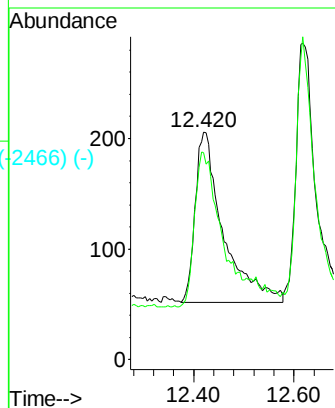
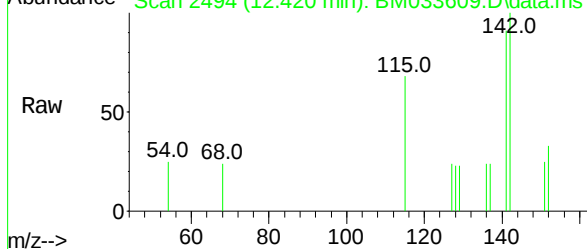
Tgt Ion:142 Resp: 594

Ion Ratio Lower Upper

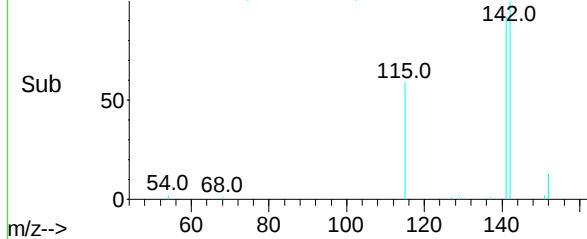
142 100

141 97.5 71.8 107.6

Abundance Scan 2494 (12.420 min): BM033609.D\data.ms



Abundance Scan 2494 (12.420 min): BM033609.D\data.ms (-2466) (-)



Abundance Scan 2538 (12.618 min): BM033594.D\data.ms (-2530) (-)

1-Methylnaphthalene

Concen: 0.317 ng/u1

RT: 12.618 min Scan# 2538

Delta R.T. 0.009 min

Lab File: BM033609.D

Acq: 23 Dec 2021 12:00

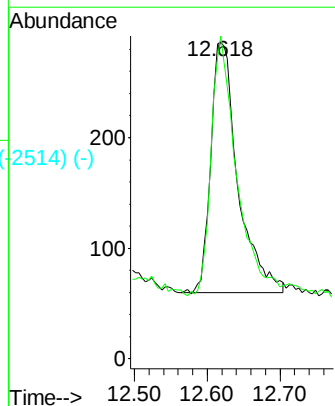
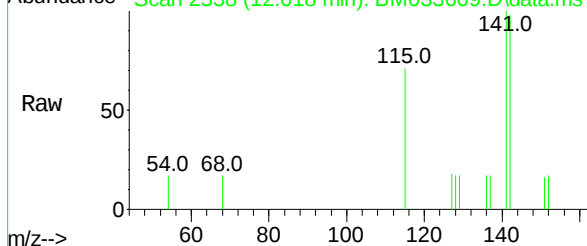
Tgt Ion:142 Resp: 584

Ion Ratio Lower Upper

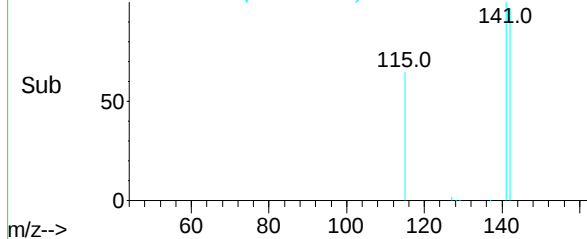
142 100

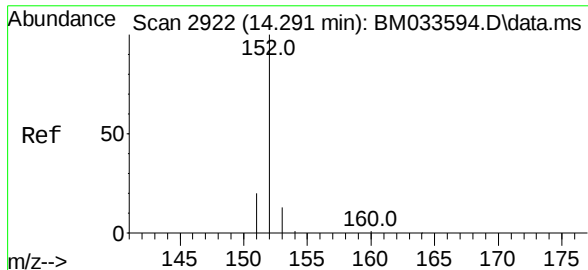
141 98.5 75.0 112.4

Abundance Scan 2538 (12.618 min): BM033609.D\data.ms



Abundance Scan 2538 (12.618 min): BM033609.D\data.ms (-2514) (-)

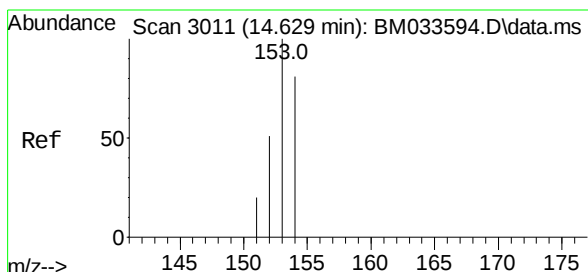
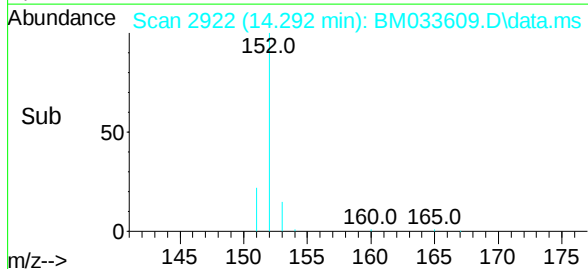
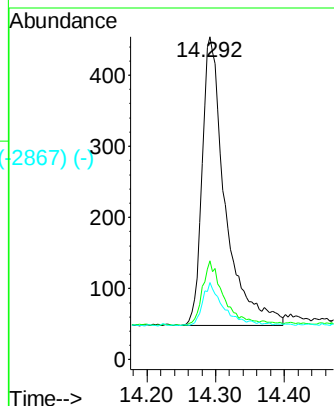
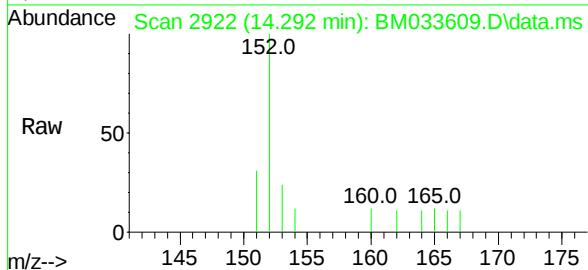




Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.292 min Scan# 2922
Delta R.T. 0.008 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

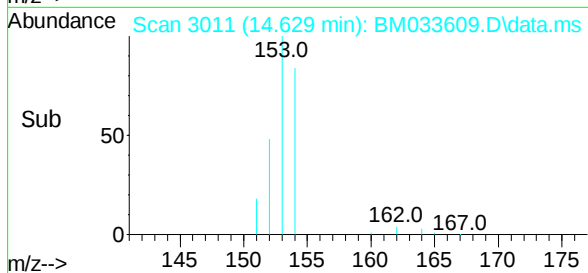
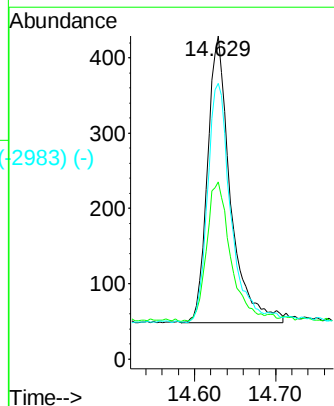
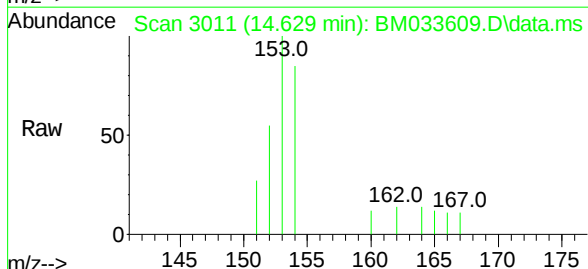
Instrument :
BNA_M
ClientSampleId :
SLCS515

Tgt Ion:	152	Resp:	955
Ion	Ratio	Lower	Upper
152	100		
151	30.6	19.9	29.9#
153	23.8	15.0	22.4#

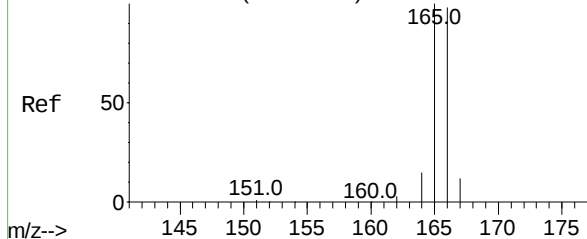


Acenaphthene
Concen: 0.364 ng/ul
RT: 14.629 min Scan# 3011
Delta R.T. 0.008 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

Tgt Ion:	153	Resp:	752
Ion	Ratio	Lower	Upper
153	100		
152	54.8	42.4	63.6
154	85.3	66.2	99.2



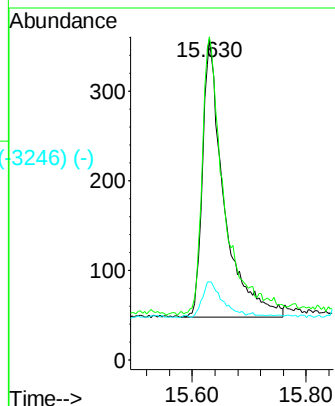
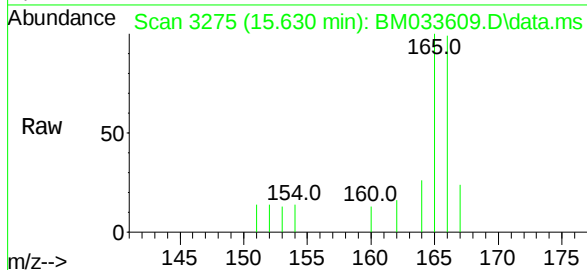
Abundance Scan 3275 (15.630 min): BM033594.D\data.ms (-3219) (-)



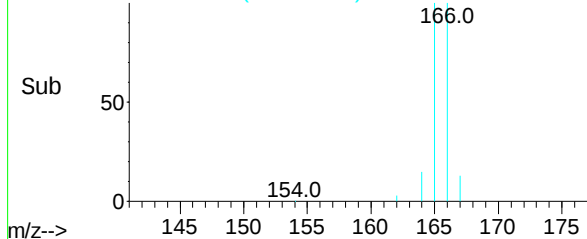
Fluorene
Concen: 0.352 ng/u1
RT: 15.630 min Scan# 3275
Delta R.T. 0.012 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

Instrument :
BNA_M
ClientSampleId :
SLCS515

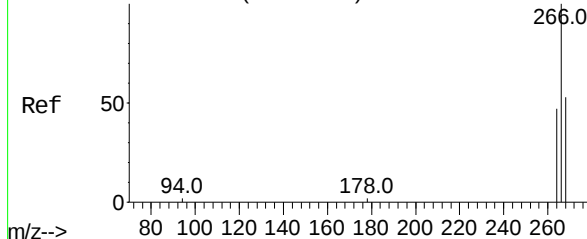
Tgt Ion:166 Resp: 806
Ion Ratio Lower Upper
166 100
165 100.8 81.1 121.7
167 24.3 14.9 22.3#



Abundance Scan 3275 (15.630 min): BM033609.D\data.ms (-3246) (-)

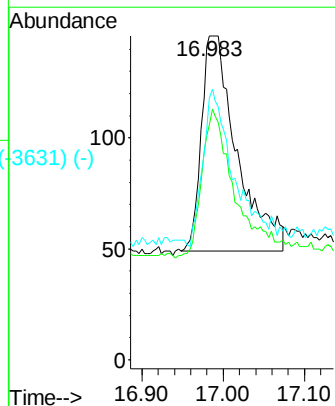
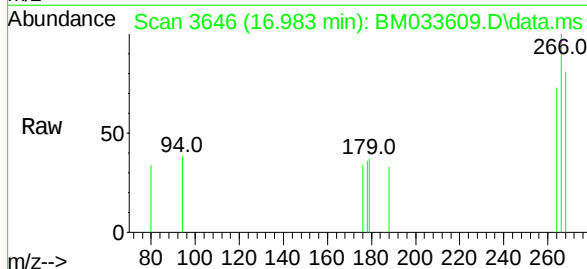


Abundance Scan 3649 (16.993 min): BM033594.D\data.ms (-3619) (-)

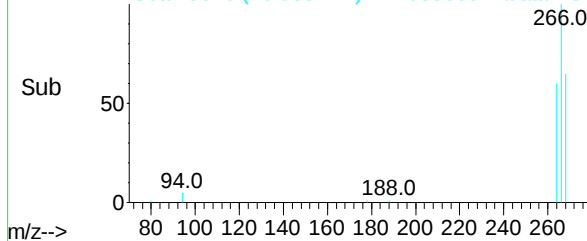


Pentachlorophenol
Concen: 0.564 ng/u1
RT: 16.983 min Scan# 3646
Delta R.T. 0.004 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

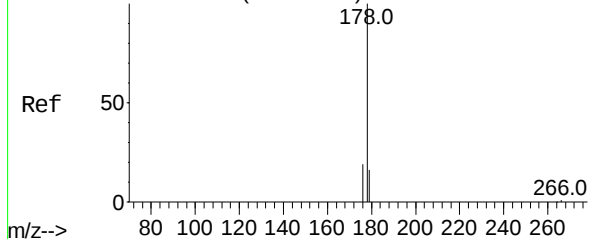
Tgt Ion:266 Resp: 296
Ion Ratio Lower Upper
266 100
264 61.5 51.4 77.0
268 65.2 53.1 79.7



Abundance Scan 3646 (16.983 min): BM033609.D\data.ms (-3631) (-)



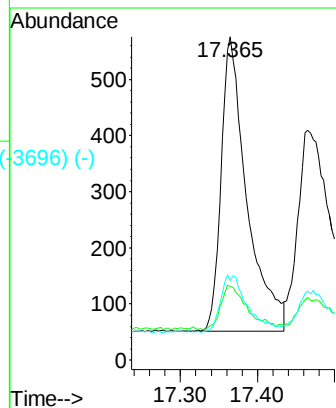
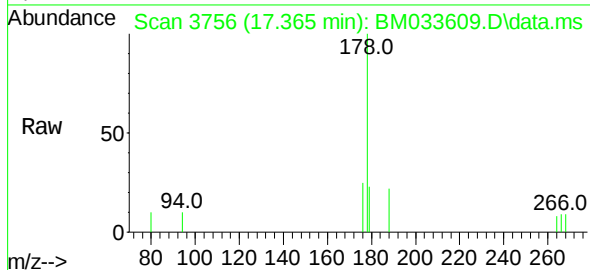
Abundance Scan 3756 (17.365 min): BM033594.D\data.ms (-3715) (-)



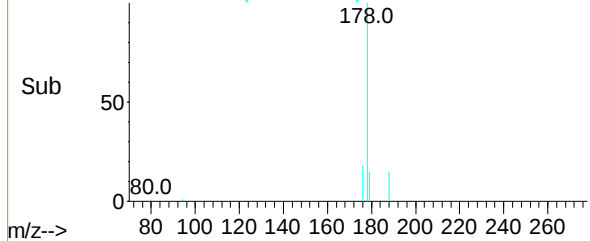
Phenanthrene
Concen: 0.359 ng/u1
RT: 17.365 min Scan# 3715
Delta R.T. 0.007 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

Instrument :
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ClientSampleId :
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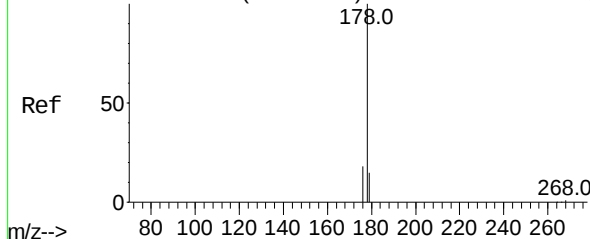
Tgt Ion:	178	Resp:	1220
Ion	Ratio	Lower	Upper
178	100		
179	22.7	15.0	22.6#
176	24.7	17.9	26.9



Abundance Scan 3756 (17.365 min): BM033609.D\data.ms (-3696) (-)

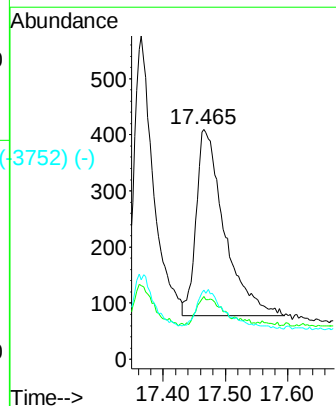
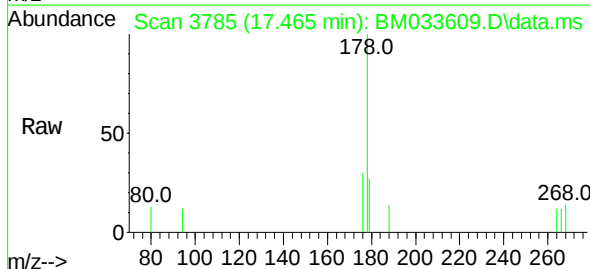


Abundance Scan 3786 (17.469 min): BM033594.D\data.ms (-3716) (-)

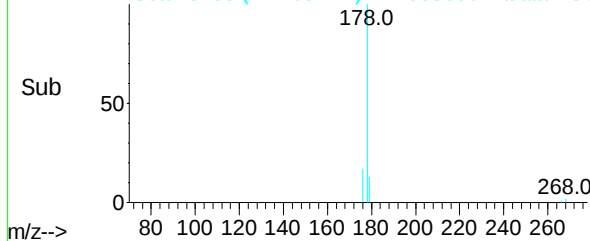


Anthracene
Concen: 0.328 ng/u1
RT: 17.465 min Scan# 3785
Delta R.T. 0.014 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

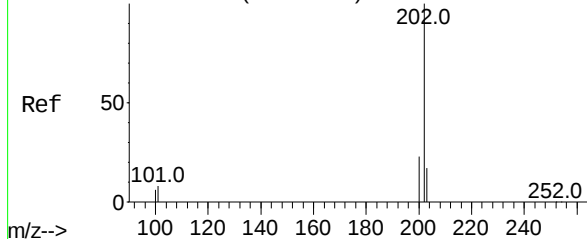
Tgt Ion:	178	Resp:	1046
Ion	Ratio	Lower	Upper
178	100		
179	27.3	16.5	24.7#
176	30.0	18.3	27.5#



Abundance Scan 3785 (17.465 min): BM033609.D\data.ms (-3752) (-)



Abundance Scan 4312 (19.372 min): BM033594.D\data.ms (-4219) (-)



Fluoranthene

Concen: 0.371 ng/ul

RT: 19.369 min Scan# 419

Delta R.T. 0.004 min

Lab File: BM033609.D

Acq: 23 Dec 2021 12:00

Instrument :

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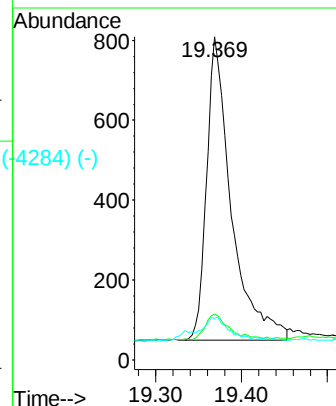
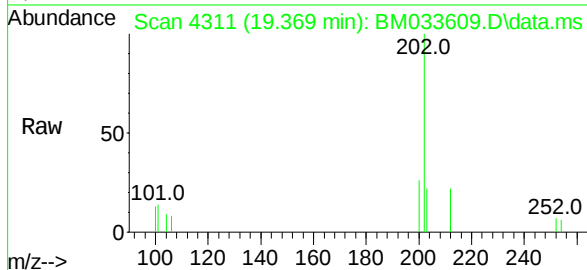
Tgt Ion:202 Resp: 1517

Ion Ratio Lower Upper

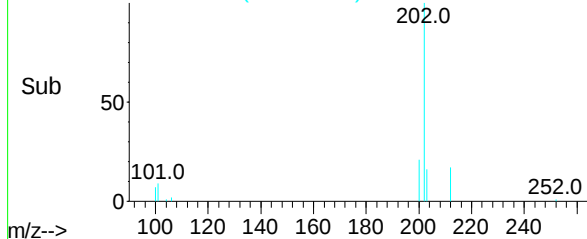
202 100

101 14.3 9.2 13.8#

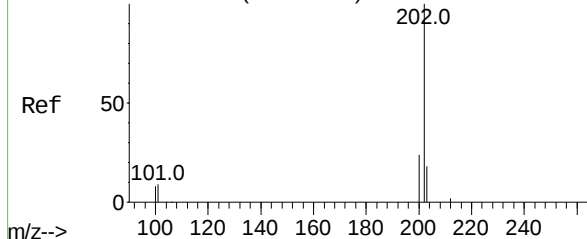
100 12.9 7.2 10.8#



Abundance Scan 4311 (19.369 min): BM033609.D\data.ms (-4284) (-)



Abundance Scan 4406 (19.731 min): BM033594.D\data.ms (-4320) (-)



Pyrene

Concen: 0.386 ng/ul

RT: 19.731 min Scan# 4406

Delta R.T. 0.000 min

Lab File: BM033609.D

Acq: 23 Dec 2021 12:00

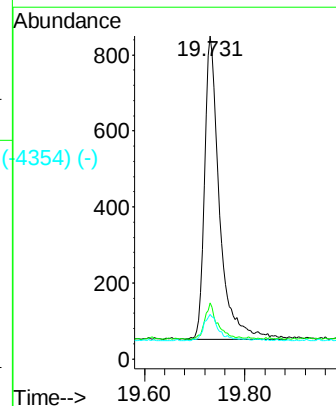
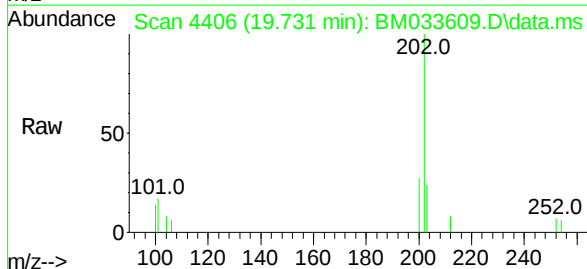
Tgt Ion:202 Resp: 1649

Ion Ratio Lower Upper

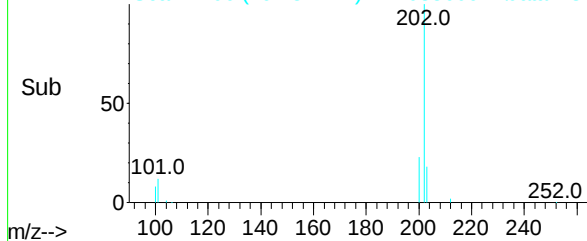
202 100

101 17.3 9.3 13.9#

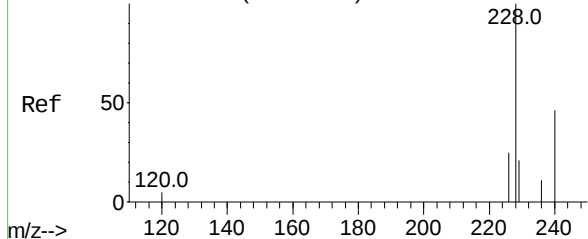
100 13.9 7.8 11.6#



Abundance Scan 4406 (19.731 min): BM033609.D\data.ms (-4354) (-)



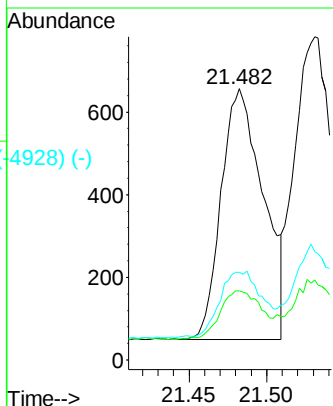
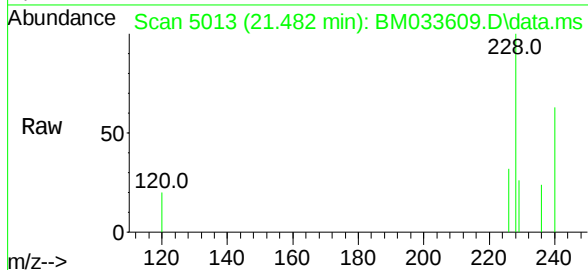
Abundance Scan 5012 (21.480 min): BM033594.D\data.ms (-4929) (-)



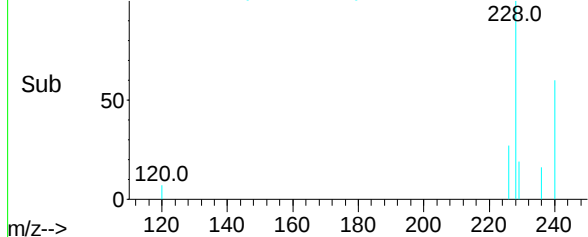
Benzo(a)anthracene
Concen: 0.313 ng/u1
RT: 21.482 min Scan# 4929
Delta R.T. 0.005 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

Instrument :
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ClientSampleId :
SLCS515

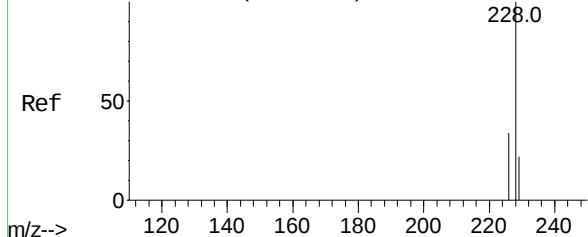
Tgt Ion:228 Resp: 1144
Ion Ratio Lower Upper
228 100
229 25.6 17.3 25.9
226 32.3 23.2 34.8



Abundance Scan 5013 (21.482 min): BM033609.D\data.ms (-4928) (-)

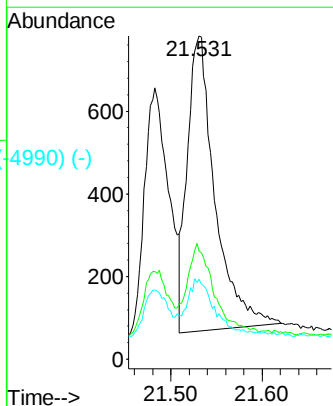
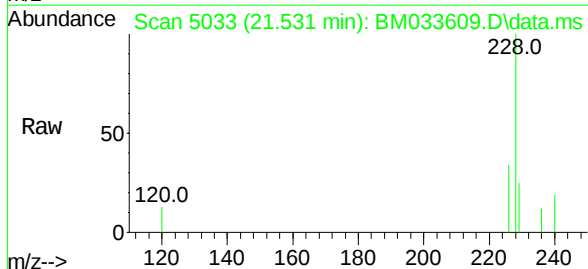


Abundance Scan 5032 (21.528 min): BM033594.D\data.ms (-5022) (-)

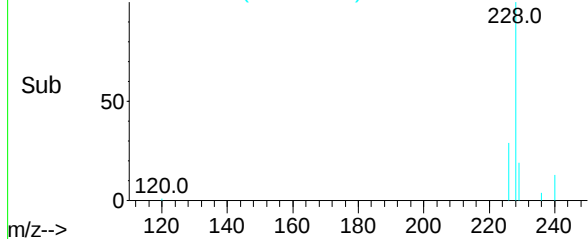


Chrysene
Concen: 0.364 ng/u1
RT: 21.531 min Scan# 5033
Delta R.T. 0.005 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

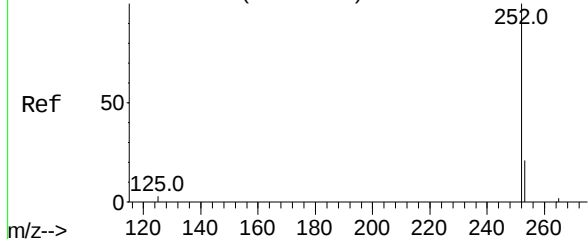
Tgt Ion:228 Resp: 1503
Ion Ratio Lower Upper
228 100
226 33.5 25.8 38.8
229 24.8 16.7 25.1



Abundance Scan 5033 (21.531 min): BM033609.D\data.ms (-4990) (-)



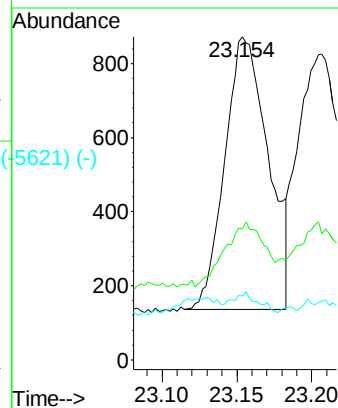
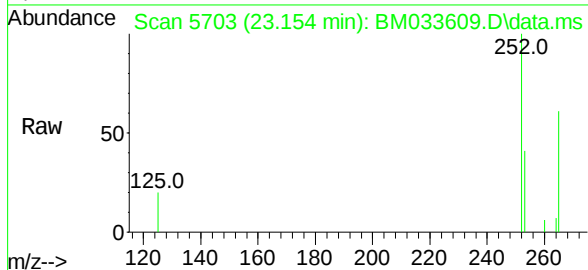
Abundance Scan 5704 (23.156 min): BM033594.D\data.ms (-5624) (-)



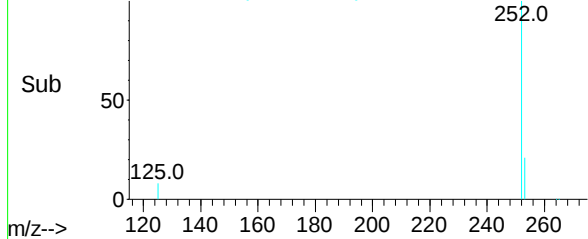
Benzo(b)fluoranthene
Concen: 0.325 ng/u1
RT: 23.154 min Scan# 5704
Delta R.T. -0.002 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

Instrument :
BNA_M
ClientSampleId :
SLCS515

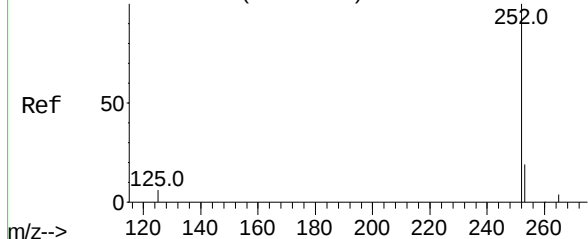
Tgt Ion:	252	Resp:	1486
Ion	Ratio	Lower	Upper
252	100		
253	40.6	0.0	64.2
125	19.8	0.0	28.8



Abundance Scan 5703 (23.154 min): BM033609.D\data.ms (-5621) (-)

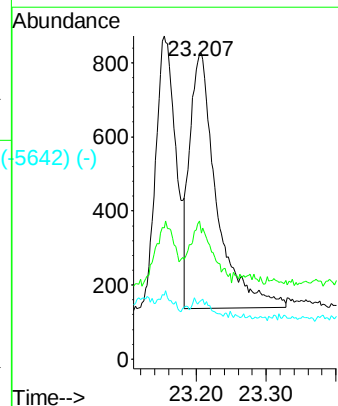
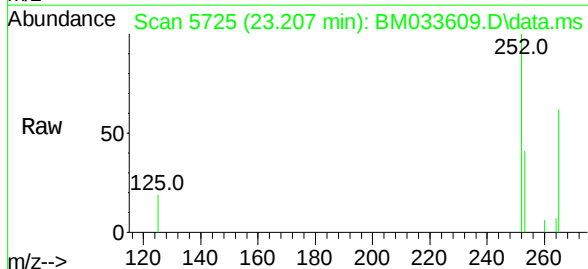


Abundance Scan 5725 (23.207 min): BM033594.D\data.ms (-5725) (-)

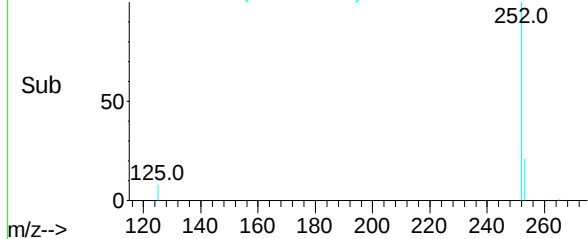


Benzo(k)fluoranthene
Concen: 0.384 ng/u1
RT: 23.207 min Scan# 5725
Delta R.T. 0.000 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

Tgt Ion:	252	Resp:	1839
Ion	Ratio	Lower	Upper
252	100		
253	41.2	26.8	40.2#
125	19.2	12.0	18.0#



Abundance Scan 5725 (23.207 min): BM033609.D\data.ms (-5642) (-)



Abundance Scan 5967 (23.793 min): BM033594.D\data.ms (-5926) (-)

Benzo(a)pyrene

Concen: 0.335 ng/u1

RT: 23.786 min Scan# 5926

Delta R.T. 0.000 min

Lab File: BM033609.D

Acq: 23 Dec 2021 12:00

Instrument :

BNA_M

ClientSampleId :

SLCS515

Tgt Ion:252 Resp: 1416

Ion Ratio Lower Upper

252 100

253 50.4 32.0 48.0#

125 23.2 14.5 21.7#

Abundance Scan 5964 (23.786 min): BM033609.D\data.ms

252.0

125.0

Raw

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 5964 (23.786 min): BM033609.D\data.ms (-5923) (-)

252.0

125.0

Sub

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

600

23.786

400

200

0

Time-->

23.70 23.80 23.90

Abundance Scan 7035 (26.381 min): BM033594.D\data.ms (-7001) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.343 ng/u1

RT: 26.378 min Scan# 7034

Delta R.T. -0.002 min

Lab File: BM033609.D

Acq: 23 Dec 2021 12:00

Tgt Ion:276 Resp: 2009

Ion Ratio Lower Upper

276 100

138 15.4 15.8 23.6#

227 0.0 0.0 0.0

Abundance Scan 7034 (26.378 min): BM033609.D\data.ms

276.0

138.0

Raw

50

0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 7034 (26.378 min): BM033609.D\data.ms (-6952) (-)

276.0

138.0

Sub

50

0

m/z-->

140 160 180 200 220 240 260 280

Abundance

400

26.378

300

200

100

0

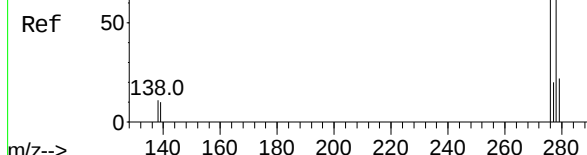
Time-->

26.20 26.40 26.60

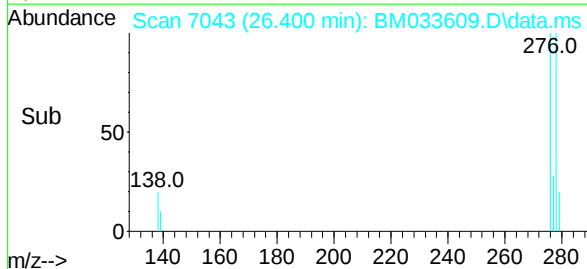
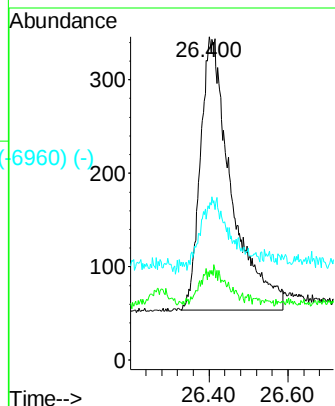
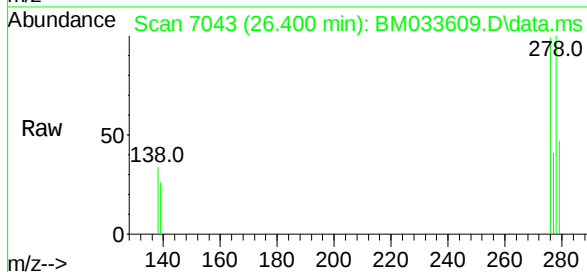
Abundance Scan 7048 (26.412 min): BM033594.D\data.ms (-728) (-)

Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 26.400 min Scan#
Delta R.T. 0.000 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

Instrument :
BNA_M
ClientSampleId :
SLCS515



Tgt Ion:	278	Resp:	1582
Ion	Ratio	Lower	Upper
278	100		
139	25.7	18.0	27.0
279	46.8	28.6	42.8#



Abundance Scan 7343 (27.127 min): BM033594.D\data.ms (-729) (-)

Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 27.127 min Scan# 7343
Delta R.T. -0.012 min
Lab File: BM033609.D
Acq: 23 Dec 2021 12:00

Tgt Ion:	276	Resp:	1801
Ion	Ratio	Lower	Upper
276	100		
138	26.8	17.4	26.0#
277	33.2	22.6	33.8

