

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033610.D
 Acq On : 23 Dec 2021 12:37
 Operator : CG/JU
 Sample : PB141516BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS516

Quant Time: Dec 24 22:53:13 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)

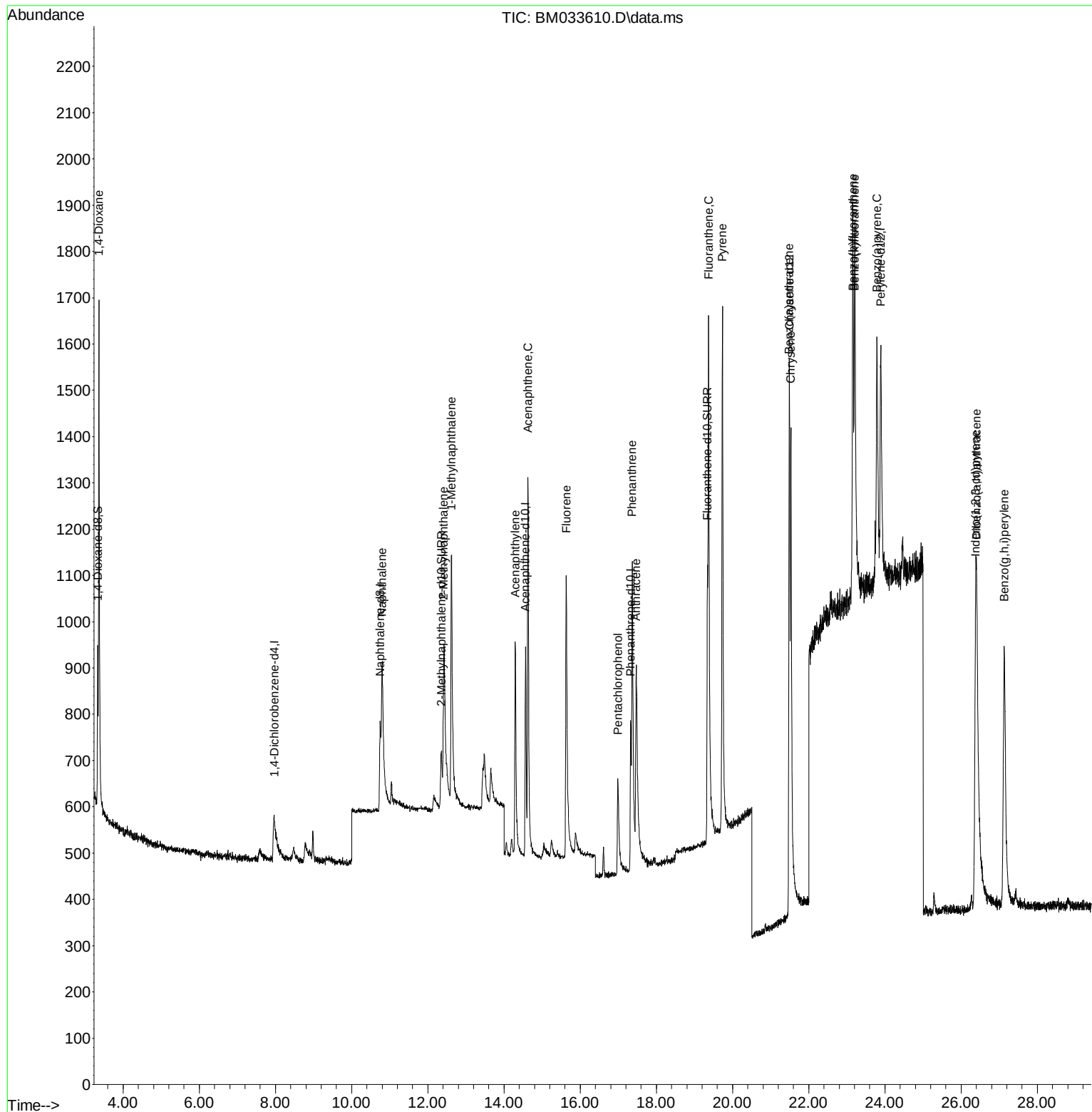
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	151	0.400	ng/ul	0.06
4) Naphthalene-d8	10.747	136	482	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.564	164	307	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	653	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.494	240	856	0.400	ng/ul	# 0.00
23) Perylene-d12	23.892	264	925	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	206	1.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	356	0.552	ng/ul	0.04
18) Fluoranthene-d10	19.341	212	1106	0.559	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	632	3.786	ng/ul	88
5) Naphthalene	10.805	128	877	0.551	ng/ul#	77
7) 2-Methylnaphthalene	12.420	142	498	0.459	ng/ul	87
8) 1-Methylnaphthalene	12.622	142	516	0.509	ng/ul	92
10) Acenaphthylene	14.295	152	868	0.528	ng/ul#	91
11) Acenaphthene	14.629	153	655	0.522	ng/ul	98
12) Fluorene	15.634	166	723	0.521	ng/ul#	93
14) Pentachlorophenol	16.986	266	268	0.819	ng/ul	96
15) Phenanthrene	17.365	178	1078	0.509	ng/ul#	86
16) Anthracene	17.476	178	914	0.460	ng/ul#	84
19) Fluoranthene	19.372	202	1379	0.525	ng/ul#	89
20) Pyrene	19.734	202	1465	0.533	ng/ul#	89
21) Benzo(a)anthracene	21.487	228	1008	0.429	ng/ul#	90
22) Chrysene	21.530	228	1346	0.508	ng/ul#	92
24) Benzo(b)fluoranthene	23.158	252	1417	0.484	ng/ul	83
25) Benzo(k)fluoranthene	23.209	252	1626	0.530	ng/ul#	82
26) Benzo(a)pyrene	23.790	252	1305	0.482	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.378	276	1827	0.487	ng/ul#	65
28) Dibenzo(a,h)anthracene	26.409	278	1470	0.488	ng/ul#	82
29) Benzo(g,h,i)perylene	27.131	276	1705	0.515	ng/ul	92

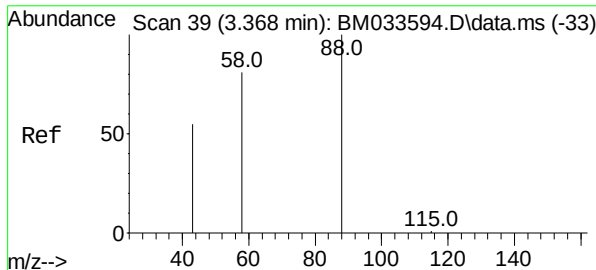
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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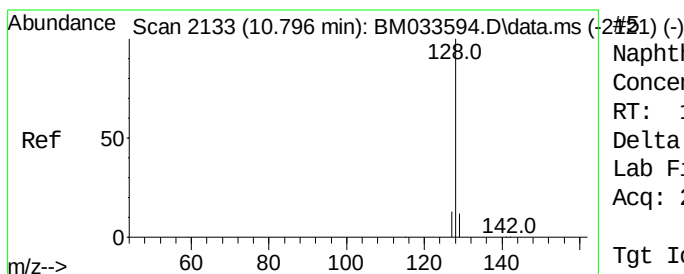
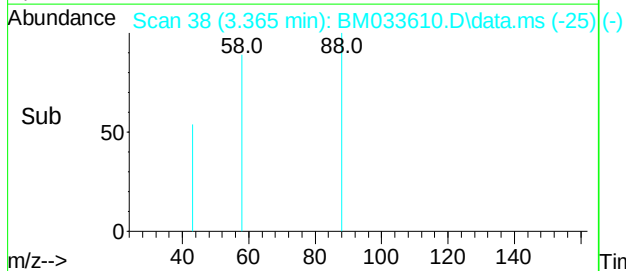
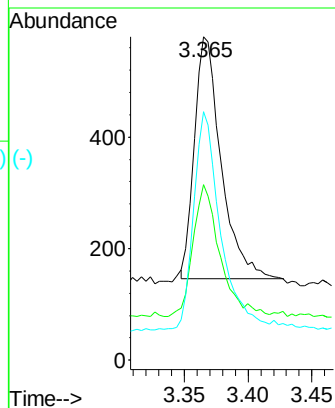
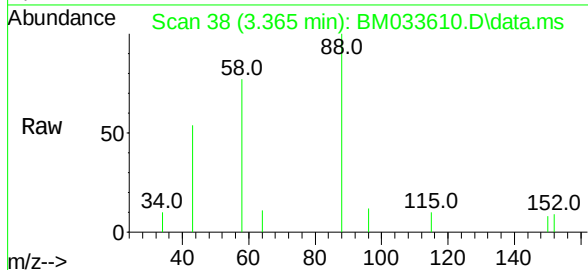




1,4-Dioxane
Concen: 3.786 ng/ul
RT: 3.365 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM033610.D
Acq: 23 Dec 2021 12:37

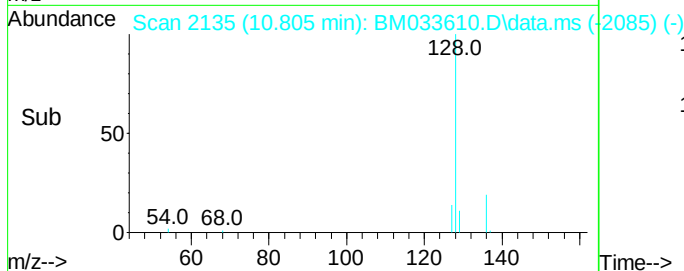
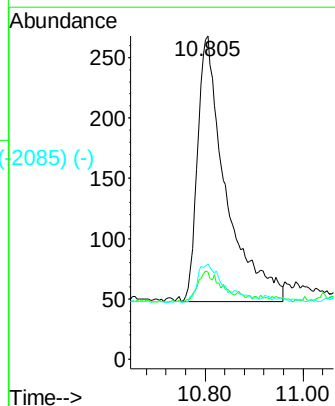
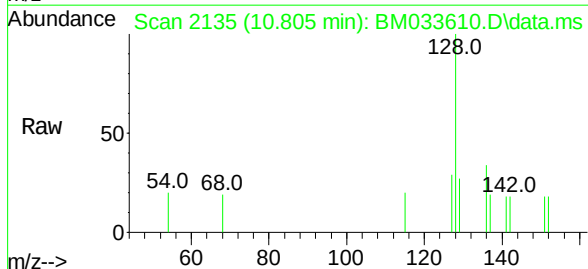
Instrument :
BNA_M
ClientSampleId :
SLCS516

Tgt Ion: 88 Resp: 632
Ion Ratio Lower Upper
88 100
43 54.3 49.7 74.5
58 76.9 52.5 78.7



Naphthalene
Concen: 0.551 ng/ul
RT: 10.805 min Scan# 2135
Delta R.T. 0.027 min
Lab File: BM033610.D
Acq: 23 Dec 2021 12:37

Tgt Ion: 128 Resp: 877
Ion Ratio Lower Upper
128 100
129 26.9 13.4 20.2#
127 29.5 15.2 22.8#



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

2-Methylnaphthalene

Concen: 0.459 ng/ul

RT: 12.420 min Scan# 2493

Delta R.T. 0.027 min

Lab File: BM033610.D

Acq: 23 Dec 2021 12:37

Instrument :

BNA_M

ClientSampleId :

SLCS516

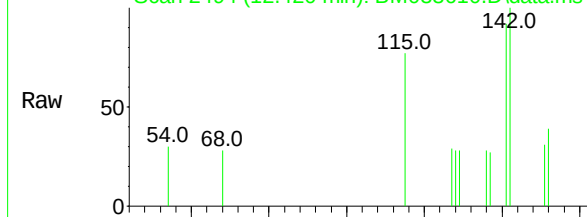
Tgt Ion:142 Resp: 498

Ion Ratio Lower Upper

142 100

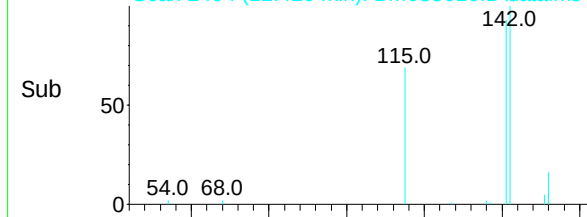
141 101.8 71.8 107.6

Abundance Scan 2494 (12.420 min): BM033610.D\data.ms

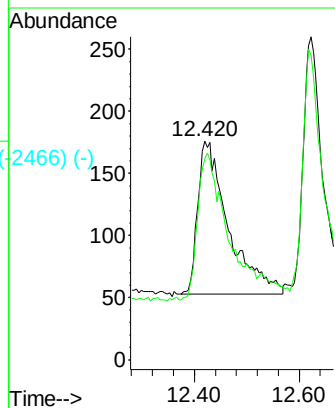


m/z-->

Abundance Scan 2494 (12.420 min): BM033610.D\data.ms (-2466) (-)



m/z-->



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

1-Methylnaphthalene

Concen: 0.509 ng/ul

RT: 12.622 min Scan# 2539

Delta R.T. 0.013 min

Lab File: BM033610.D

Acq: 23 Dec 2021 12:37

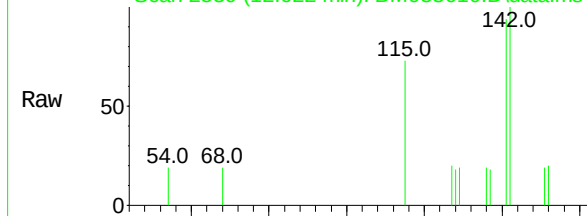
Tgt Ion:142 Resp: 516

Ion Ratio Lower Upper

142 100

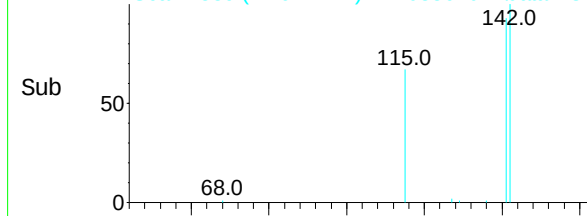
141 101.0 75.0 112.4

Abundance Scan 2539 (12.622 min): BM033610.D\data.ms

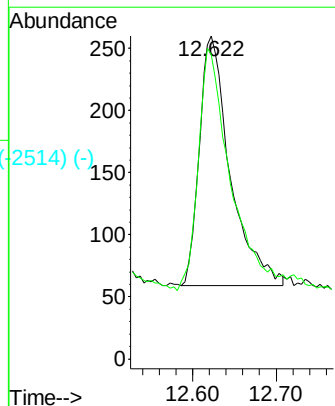


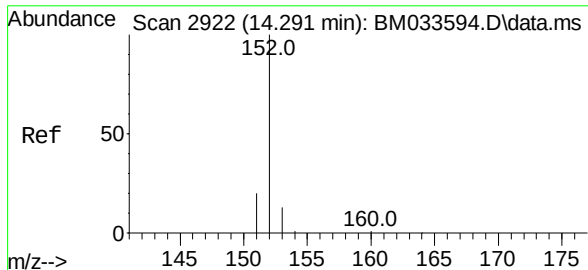
m/z-->

Abundance Scan 2539 (12.622 min): BM033610.D\data.ms (-2514) (-)



m/z-->

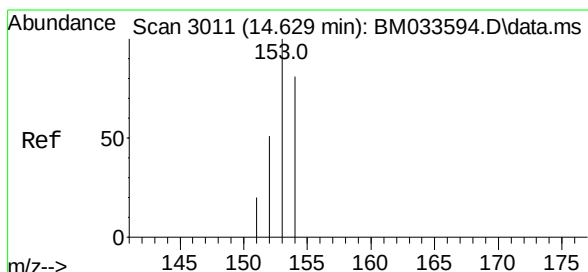
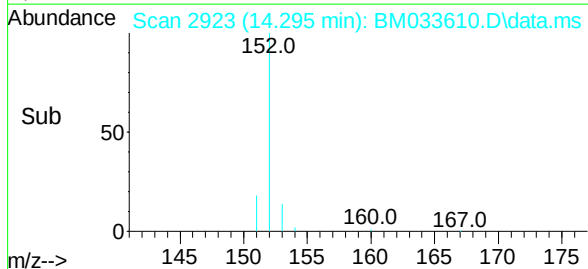
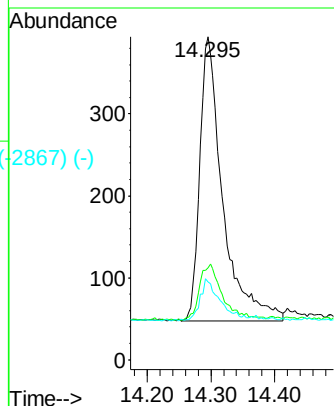
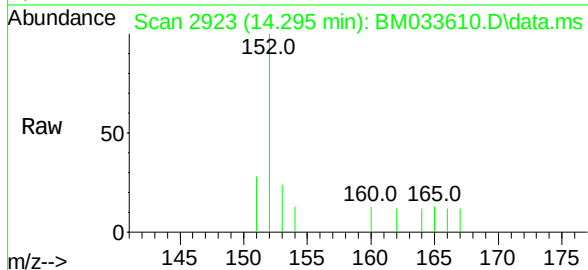




Acenaphthylene
Concen: 0.528 ng/ul
RT: 14.295 min Scan# 2922
Delta R.T. 0.011 min
Lab File: BM033610.D
Acq: 23 Dec 2021 12:37

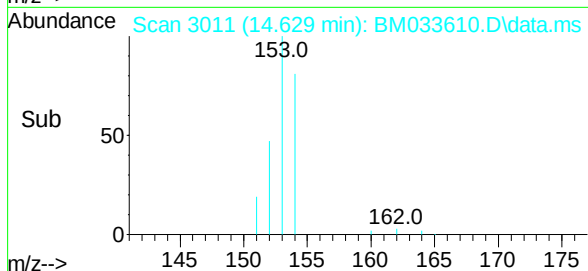
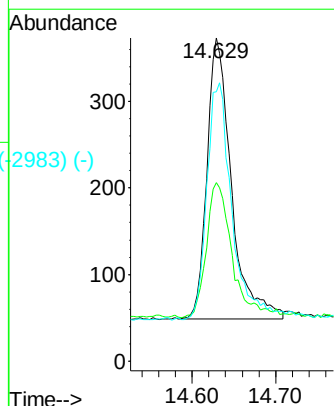
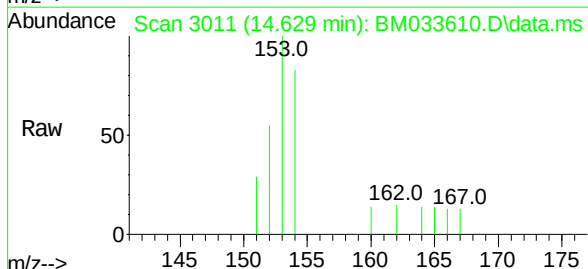
Instrument :
BNA_M
ClientSampleId :
SLCS516

Tgt Ion:	152	Resp:	868
Ion	Ratio	Lower	Upper
152	100		
151	28.4	19.9	29.9
153	24.1	15.0	22.4#

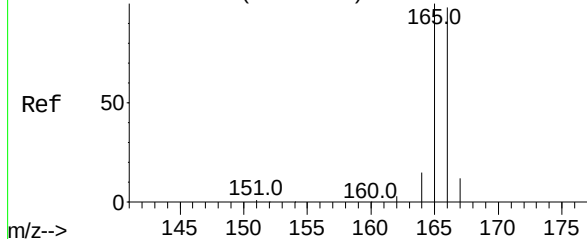


Acenaphthene
Concen: 0.522 ng/ul
RT: 14.629 min Scan# 3011
Delta R.T. 0.007 min
Lab File: BM033610.D
Acq: 23 Dec 2021 12:37

Tgt Ion:	153	Resp:	655
Ion	Ratio	Lower	Upper
153	100		
152	55.2	42.4	63.6
154	83.4	66.2	99.2



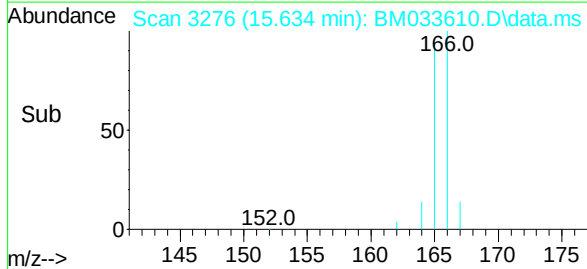
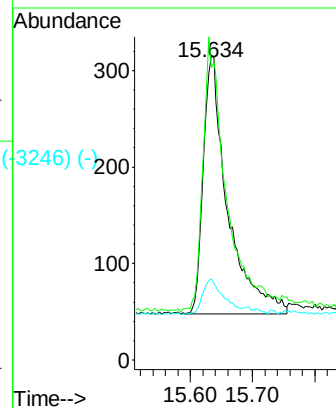
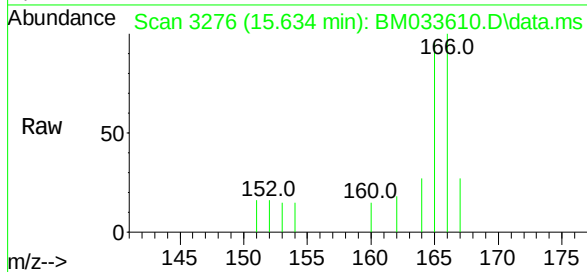
Abundance Scan 3275 (15.630 min): BM033594.D\data.ms (-3219) (-)



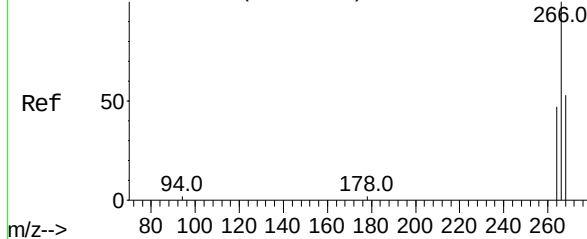
Fluorene
Concen: 0.521 ng/ul
RT: 15.634 min Scan# 3275
Delta R.T. 0.015 min
Lab File: BM033610.D
Acq: 23 Dec 2021 12:37

Instrument :
BNA_M
ClientSampleId :
SLCS516

Tgt Ion:	166	Resp:	723
Ion	Ratio	Lower	Upper
166	100		
165	95.9	81.1	121.7
167	26.6	14.9	22.3#

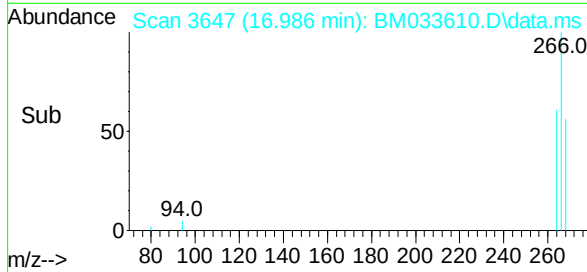
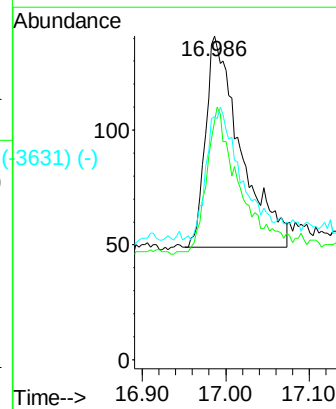
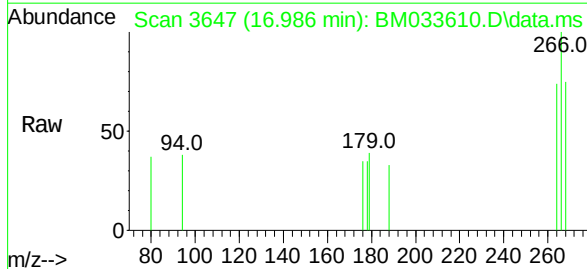


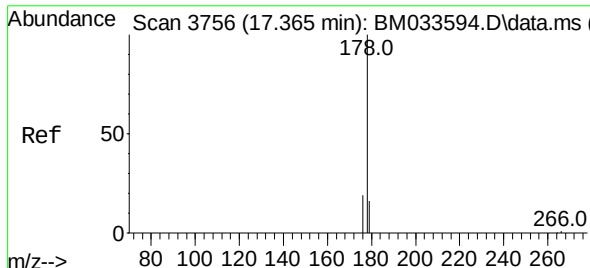
Abundance Scan 3649 (16.993 min): BM033594.D\data.ms (-3619) (-)



Pentachlorophenol
Concen: 0.819 ng/ul
RT: 16.986 min Scan# 3647
Delta R.T. 0.007 min
Lab File: BM033610.D
Acq: 23 Dec 2021 12:37

Tgt Ion:	266	Resp:	268
Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.4	77.0
268	61.6	53.1	79.7

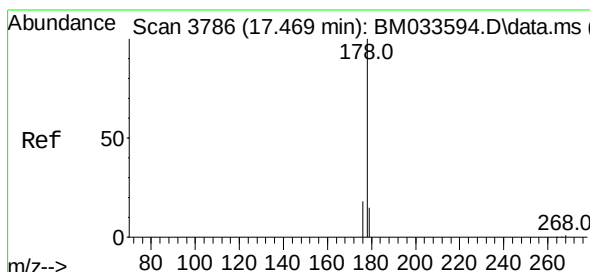
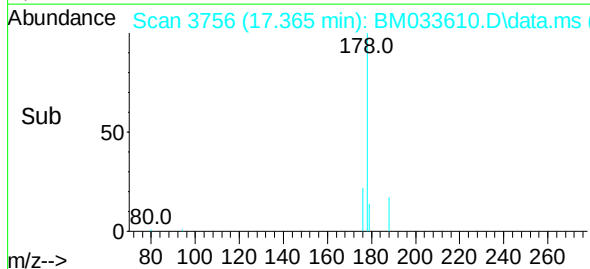
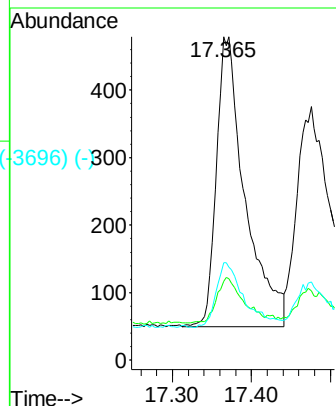
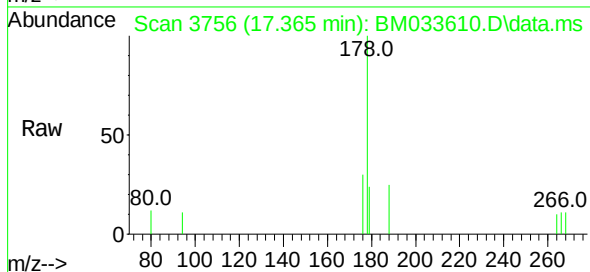




Phenanthrene
 Concen: 0.509 ng/ul
 RT: 17.365 min Scan# 3756
 Delta R.T. 0.007 min
 Lab File: BM033610.D
 Acq: 23 Dec 2021 12:37

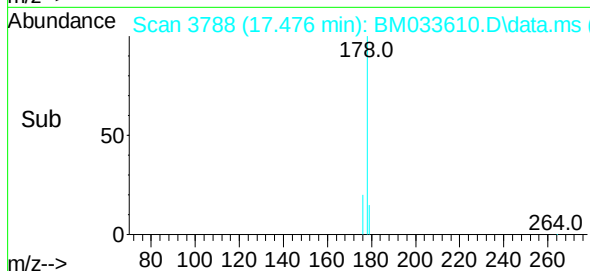
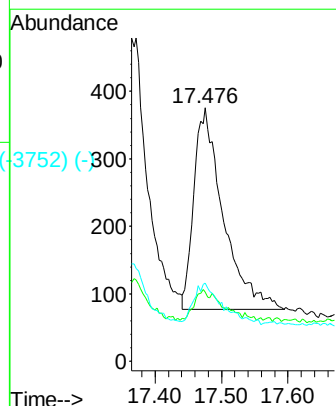
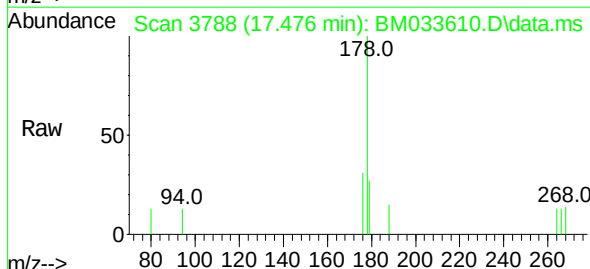
Instrument :
 BNA_M
 ClientSampleId :
 SLCS516

Tgt Ion:	178	Resp:	1078
Ion	Ratio	Lower	Upper
178	100		
179	24.4	15.0	22.6#
176	30.1	17.9	26.9#

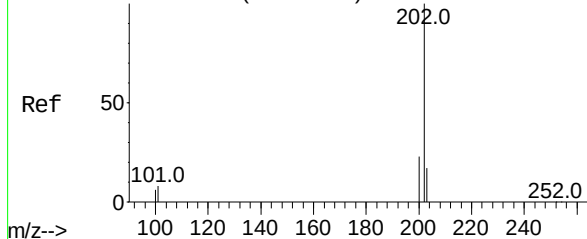


Anthracene
 Concen: 0.460 ng/ul
 RT: 17.476 min Scan# 3788
 Delta R.T. 0.024 min
 Lab File: BM033610.D
 Acq: 23 Dec 2021 12:37

Tgt Ion:	178	Resp:	914
Ion	Ratio	Lower	Upper
178	100		
179	27.4	16.5	24.7#
176	30.9	18.3	27.5#



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



Fluoranthene

Concen: 0.525 ng/ul

RT: 19.372 min Scan# 4312

Delta R.T. 0.007 min

Lab File: BM033610.D

Acq: 23 Dec 2021 12:37

Instrument :

BNA_M

ClientSampleId :

SLCS516

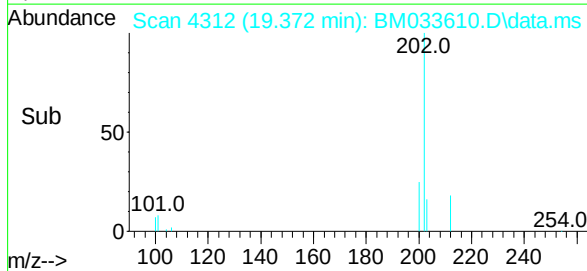
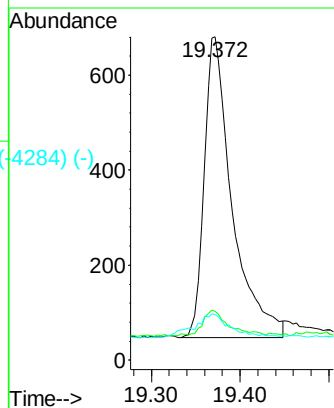
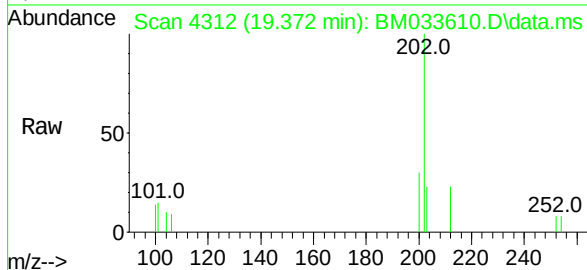
Tgt Ion:202 Resp: 1379

Ion Ratio Lower Upper

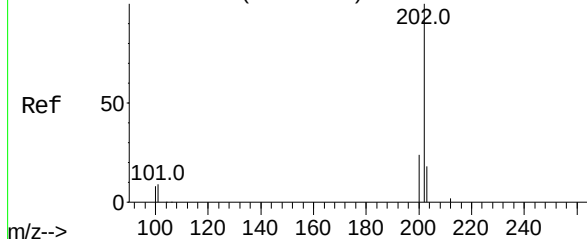
202 100

101 15.1 9.2 13.8#

100 14.1 7.2 10.8#



Abundance Scan 4406 (19.731 min): BM033594.D\data.ms (-4220) (-)



Pyrene

Concen: 0.533 ng/ul

RT: 19.734 min Scan# 4407

Delta R.T. 0.003 min

Lab File: BM033610.D

Acq: 23 Dec 2021 12:37

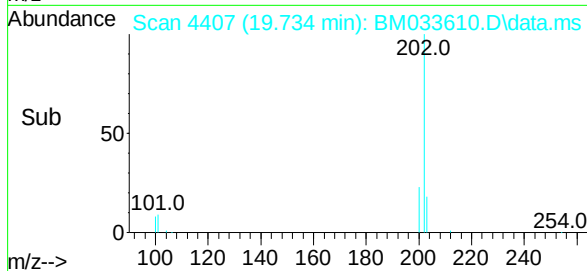
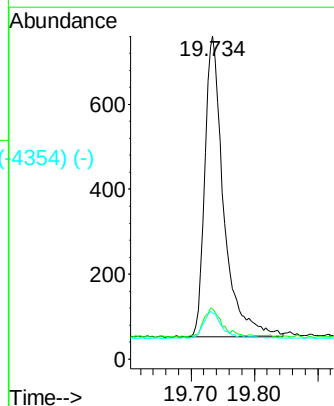
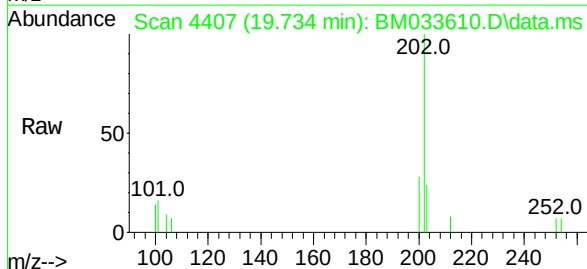
Tgt Ion:202 Resp: 1465

Ion Ratio Lower Upper

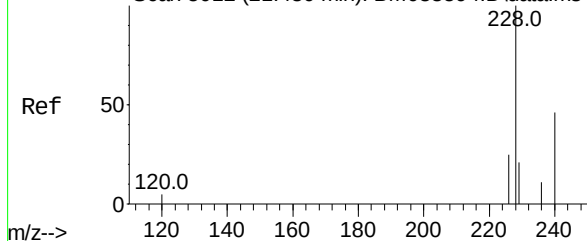
202 100

101 15.6 9.3 13.9#

100 14.2 7.8 11.6#



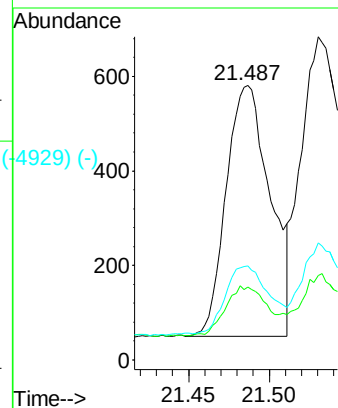
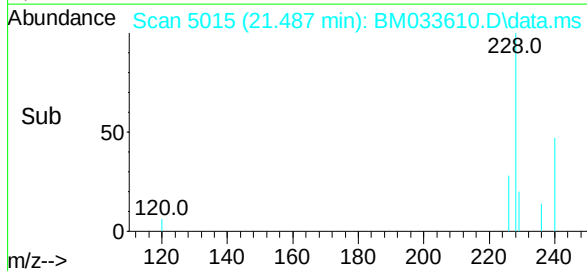
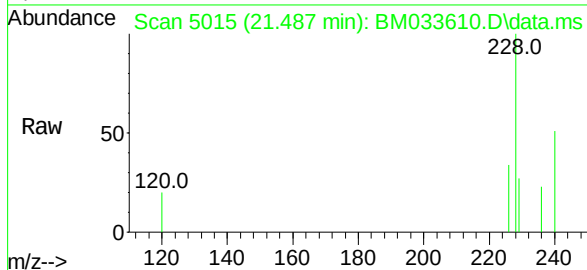
Abundance Scan 5012 (21.480 min): BM033594.D\data.ms (-4929) (-)



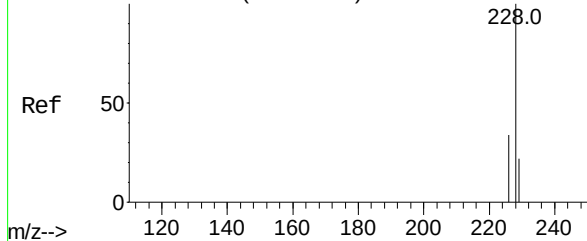
Benzo(a)anthracene
Concen: 0.429 ng/ul
RT: 21.487 min Scan# 4929
Delta R.T. 0.009 min
Lab File: BM033610.D
Acq: 23 Dec 2021 12:37

Instrument :
BNA_M
ClientSampleId :
SLCS516

Tgt Ion:	228	Resp:	1008
Ion	Ratio	Lower	Upper
228	100		
229	26.5	17.3	25.9#
226	34.1	23.2	34.8

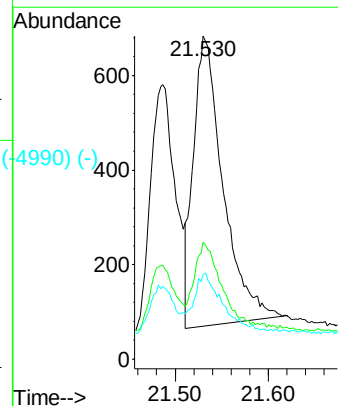
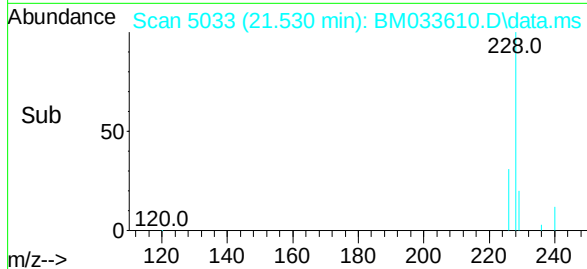
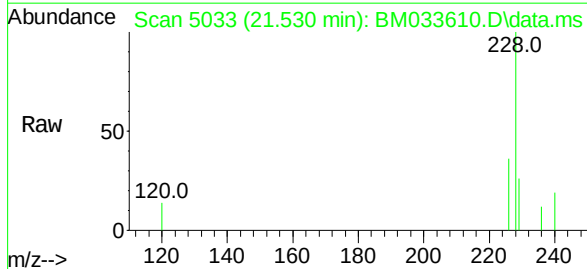


Abundance Scan 5032 (21.528 min): BM033594.D\data.ms (-5022) (-)



Chrysene
Concen: 0.508 ng/ul
RT: 21.530 min Scan# 5033
Delta R.T. 0.004 min
Lab File: BM033610.D
Acq: 23 Dec 2021 12:37

Tgt Ion:	228	Resp:	1346
Ion	Ratio	Lower	Upper
228	100		
226	36.1	25.8	38.8
229	26.0	16.7	25.1#



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

Benzo(b)fluoranthene

Concen: 0.484 ng/ul

RT: 23.158 min Scan# 5704

Delta R.T. 0.002 min

Lab File: BM033610.D

Acq: 23 Dec 2021 12:37

Instrument :

BNA_M

ClientSampleId :

SLCS516

Tgt Ion:252 Resp: 1417

Ion Ratio Lower Upper

252 100

253 42.3 0.0 64.2

125 20.8 0.0 28.8

Abundance Scan 5705 (23.158 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Ref

50

0

120 140 160 180 200 220 240 260

Abundance Scan 5705 (23.158 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Raw

50

0

120 140 160 180 200 220 240 260

Abundance Scan 5705 (23.158 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Sub

50

0

120 140 160 180 200 220 240 260

Abundance Scan 5705 (23.158 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Ref

50

0

120 140 160 180 200 220 240 260

Abundance Scan 5705 (23.158 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Raw

50

0

120 140 160 180 200 220 240 260

Abundance Scan 5705 (23.158 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Sub

50

0

120 140 160 180 200 220 240 260

Abundance Scan 5705 (23.158 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Ref

50

0

120 140 160 180 200 220 240 260

Abundance Scan 5705 (23.158 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Raw

50

0

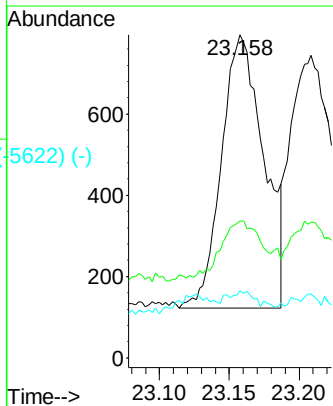
120 140 160 180 200 220 240 260

Abundance Scan 5705 (23.158 min): BM033610.D\data.ms

252.0

125.0

m/z-->



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

Benzo(k)fluoranthene

Concen: 0.530 ng/ul

RT: 23.209 min Scan# 5726

Delta R.T. 0.002 min

Lab File: BM033610.D

Acq: 23 Dec 2021 12:37

Tgt Ion:252 Resp: 1626

Ion Ratio Lower Upper

252 100

253 44.8 26.8 40.2#

125 21.1 12.0 18.0#

Abundance Scan 5726 (23.209 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Ref

50

0

120 140 160 180 200 220 240 260

Abundance Scan 5726 (23.209 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Raw

50

0

120 140 160 180 200 220 240 260

Abundance Scan 5726 (23.209 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Sub

50

0

120 140 160 180 200 220 240 260

Abundance Scan 5726 (23.209 min): BM033610.D\data.ms

252.0

125.0

m/z-->

Ref

50

0

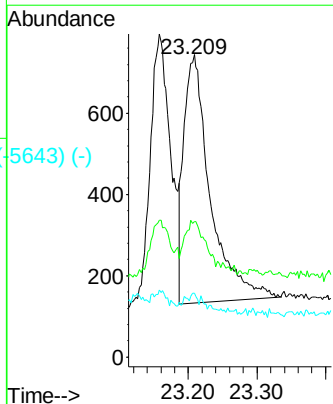
120 140 160 180 200 220 240 260

Abundance Scan 5726 (23.209 min): BM033610.D\data.ms

252.0

125.0

m/z-->



Abundance Scan 5967 (23.793 min): BM033594.D\data.ms (-5925) (-)

Benzo(a)pyrene

Concen: 0.482 ng/ul

RT: 23.790 min Scan# 5925

Delta R.T. 0.004 min

Lab File: BM033610.D

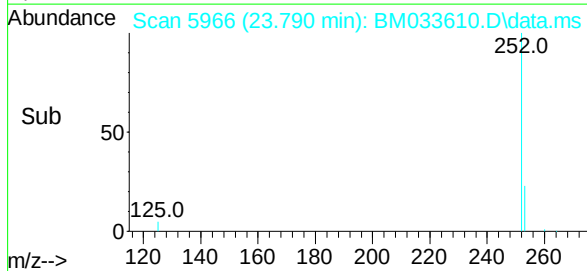
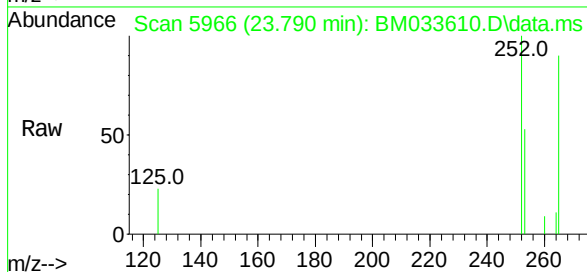
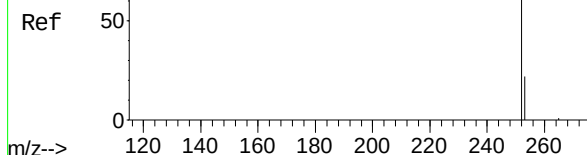
Acq: 23 Dec 2021 12:37

Instrument :

BNM

ClientSampleId :

SLCS516



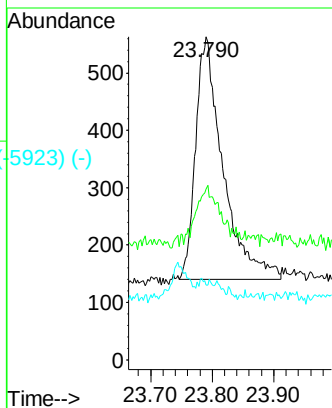
Tgt Ion:252 Resp: 1305

Ion Ratio Lower Upper

252 100

253 52.9 32.0 48.0#

125 23.1 14.5 21.7#



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

Indeno(1,2,3-cd)pyrene

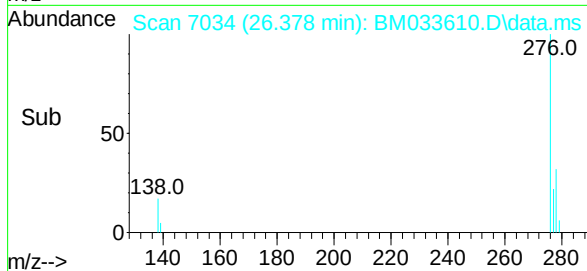
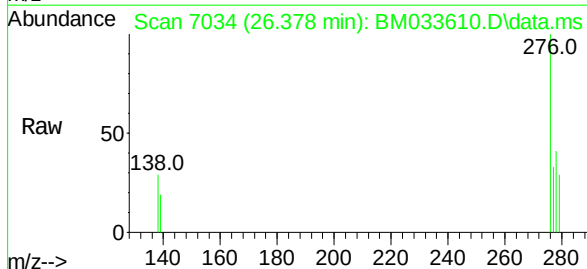
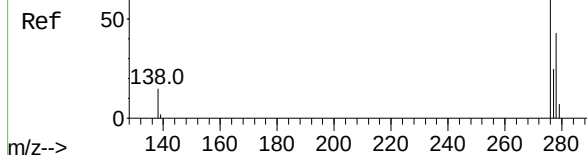
Concen: 0.487 ng/ul

RT: 26.378 min Scan# 7034

Delta R.T. -0.003 min

Lab File: BM033610.D

Acq: 23 Dec 2021 12:37



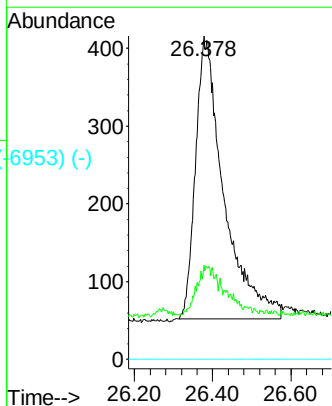
Tgt Ion:276 Resp: 1827

Ion Ratio Lower Upper

276 100

138 3.7 15.8 23.6#

227 0.0 0.0 0.0



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

Dibenzo(a,h)anthracene

Concen: 0.488 ng/ul

RT: 26.409 min Scan#

Delta R.T. 0.009 min

Lab File: BM033610.D

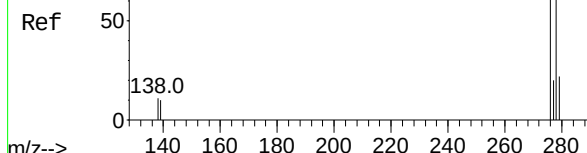
Acq: 23 Dec 2021 12:37

Instrument :

BNA_M

ClientSampleId :

SLCS516



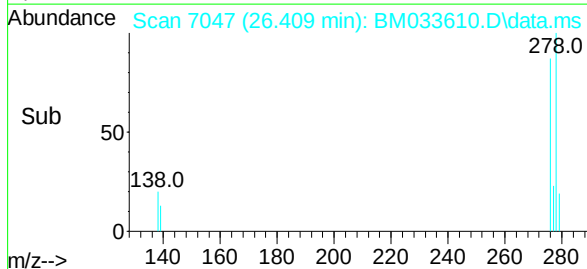
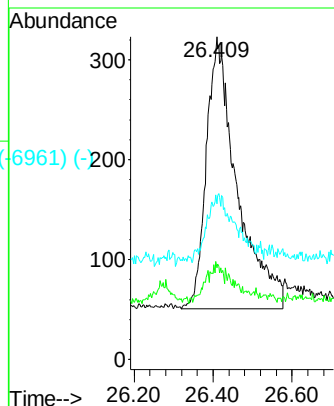
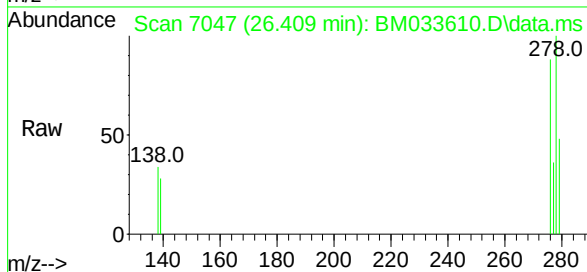
Tgt Ion:278 Resp: 1470

Ion Ratio Lower Upper

278 100

139 28.5 18.0 27.0#

279 48.3 28.6 42.8#



Abundance Scan 7343 (27.127 min): BM033594.D\data.ms (-726) (-)

Benzo(g,h,i)perylene

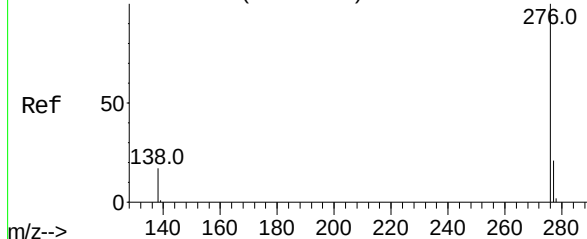
Concen: 0.515 ng/ul

RT: 27.131 min Scan# 7345

Delta R.T. -0.008 min

Lab File: BM033610.D

Acq: 23 Dec 2021 12:37



Tgt Ion:276 Resp: 1705

Ion Ratio Lower Upper

276 100

138 24.9 17.4 26.0

277 32.8 22.6 33.8

