

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033593.D
 Acq On : 23 Dec 2021 01:52
 Operator : CG/JU
 Sample : PB141487BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS487

Quant Time: Dec 23 02:56:49 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)

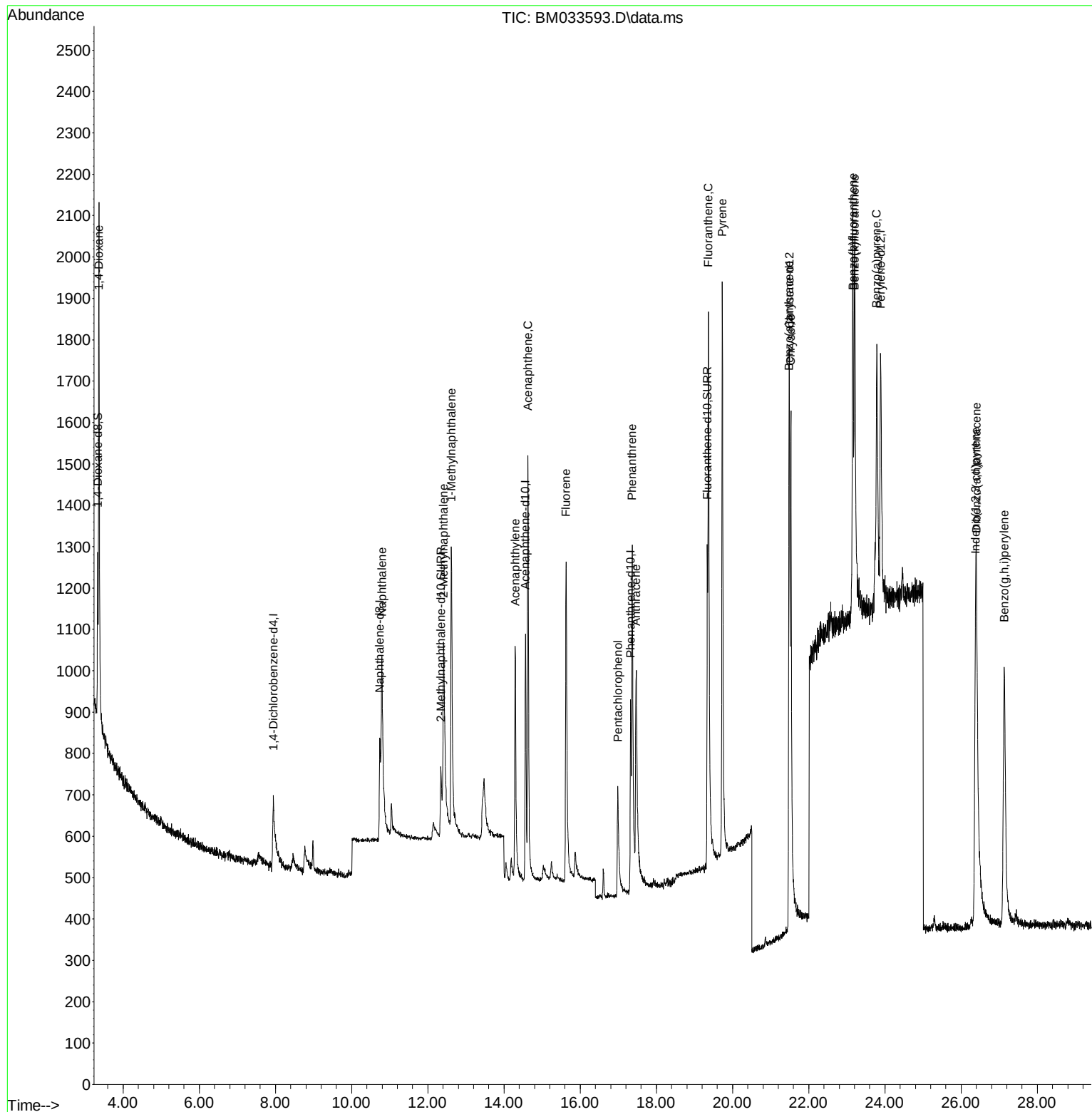
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	225	0.400	ng/ul	0.02
4) Naphthalene-d8	10.738	136	696	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.564	164	425	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	842	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.491	240	1072	0.400	ng/ul	# 0.00
23) Perylene-d12	23.887	264	1104	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	242	1.260	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	458	0.492	ng/ul	0.02
18) Fluoranthene-d10	19.337	212	1273	0.513	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	775	3.115	ng/ul#	77
5) Naphthalene	10.796	128	1067	0.464	ng/ul#	86
7) 2-Methylnaphthalene	12.415	142	628	0.401	ng/ul	92
8) 1-Methylnaphthalene	12.618	142	633	0.433	ng/ul	98
10) Acenaphthylene	14.295	152	1013	0.445	ng/ul	93
11) Acenaphthene	14.629	153	814	0.469	ng/ul	98
12) Fluorene	15.630	166	851	0.443	ng/ul#	96
14) Pentachlorophenol	16.990	266	321	0.761	ng/ul	98
15) Phenanthrene	17.365	178	1272	0.466	ng/ul#	88
16) Anthracene	17.472	178	1111	0.434	ng/ul#	87
19) Fluoranthene	19.368	202	1587	0.482	ng/ul#	90
20) Pyrene	19.730	202	1686	0.490	ng/ul#	88
21) Benzo(a)anthracene	21.479	228	1210	0.411	ng/ul#	89
22) Chrysene	21.530	228	1574	0.474	ng/ul	95
24) Benzo(b)fluoranthene	23.155	252	1608	0.461	ng/ul	85
25) Benzo(k)fluoranthene	23.206	252	1841	0.503	ng/ul#	87
26) Benzo(a)pyrene	23.783	252	1471	0.455	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.378	276	2046	0.457	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.404	278	1651	0.460	ng/ul#	86
29) Benzo(g,h,i)perylene	27.131	276	1863	0.471	ng/ul#	89

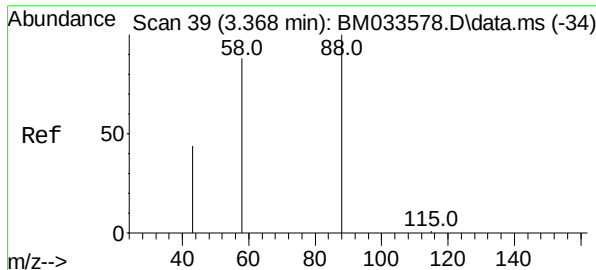
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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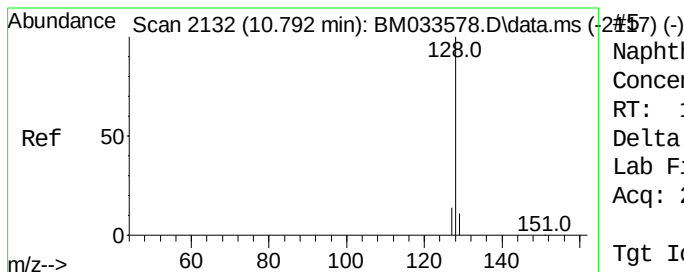
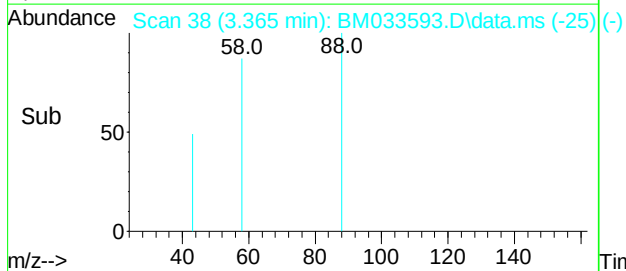
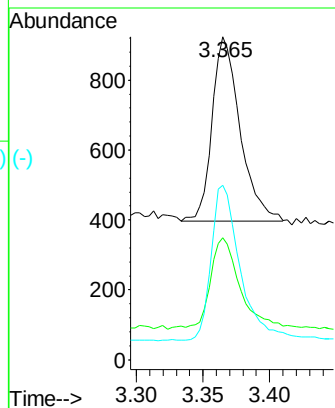
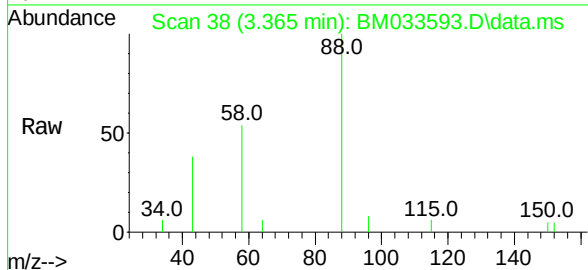




1,4-Dioxane
Concen: 3.115 ng/ul
RT: 3.365 min Scan# 1
Delta R.T. -0.004 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

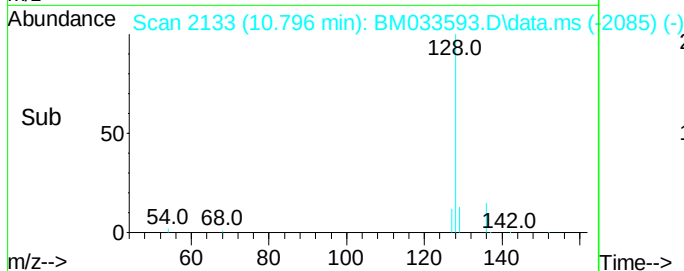
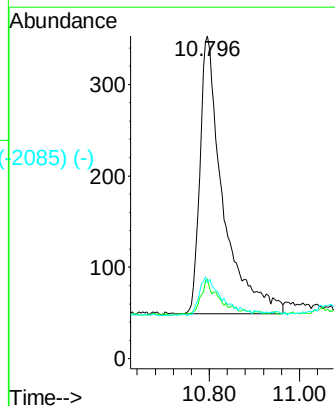
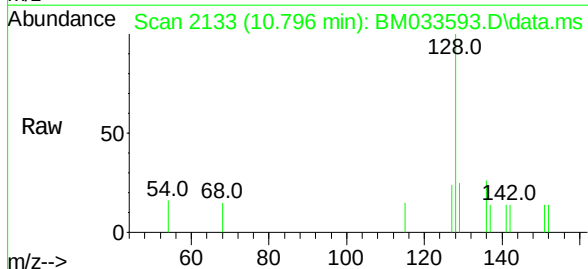
Instrument :
BNA_M
ClientSampleId :
SLCS487

Tgt Ion: 88 Resp: 775
Ion Ratio Lower Upper
88 100
43 37.9 49.7 74.5#
58 54.1 52.5 78.7



Naphthalene
Concen: 0.464 ng/ul
RT: 10.796 min Scan# 2133
Delta R.T. 0.018 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

Tgt Ion:128 Resp: 1067
Ion Ratio Lower Upper
128 100
129 24.6 13.4 20.2#
127 23.5 15.2 22.8#



Abundance Scan 2493 (12.416 min): BM033578.D\data.ms (-2472) (-)

2-Methylnaphthalene

Concen: 0.401 ng/ul

RT: 12.415 min Scan# 2493

Delta R.T. 0.022 min

Lab File: BM033593.D

Acq: 23 Dec 2021 01:52

Instrument :

BNA_M

ClientSampleId :

SLCS487

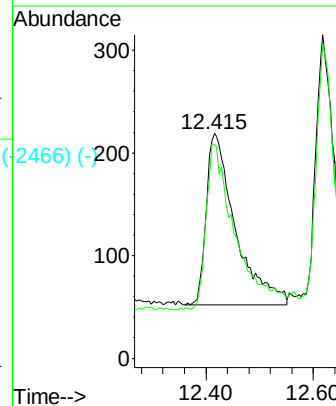
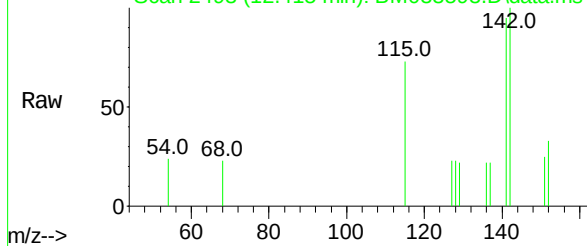
Tgt Ion:142 Resp: 628

Ion Ratio Lower Upper

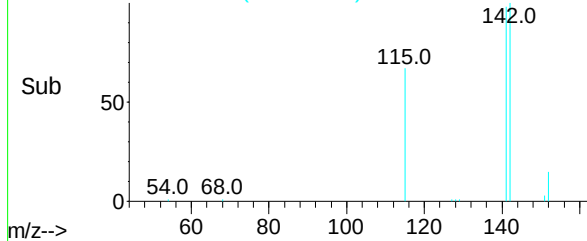
142 100

141 97.0 71.8 107.6

Abundance Scan 2493 (12.415 min): BM033593.D\data.ms



Abundance Scan 2493 (12.415 min): BM033593.D\data.ms (-2466) (-)



Abundance Scan 2538 (12.618 min): BM033578.D\data.ms (-2530) (-)

1-Methylnaphthalene

Concen: 0.433 ng/ul

RT: 12.618 min Scan# 2538

Delta R.T. 0.009 min

Lab File: BM033593.D

Acq: 23 Dec 2021 01:52

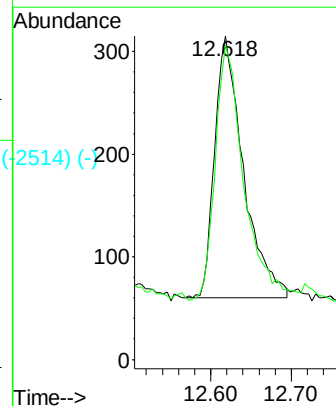
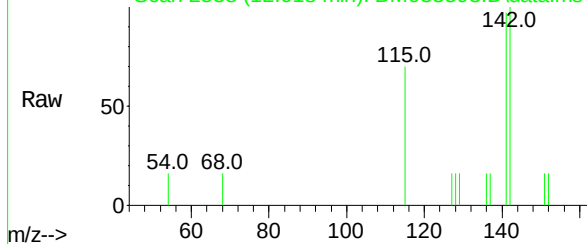
Tgt Ion:142 Resp: 633

Ion Ratio Lower Upper

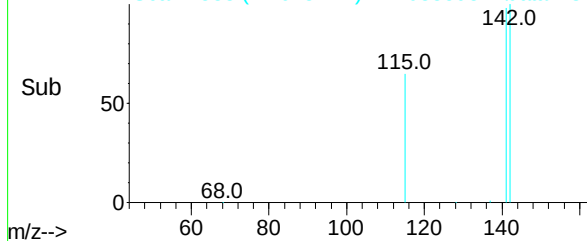
142 100

141 95.6 75.0 112.4

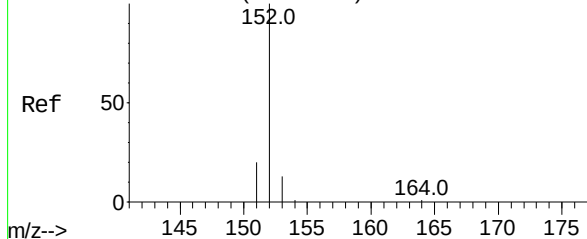
Abundance Scan 2538 (12.618 min): BM033593.D\data.ms



Abundance Scan 2538 (12.618 min): BM033593.D\data.ms (-2514) (-)



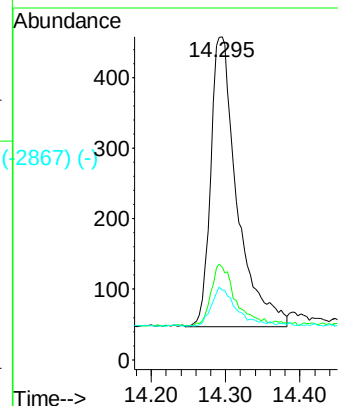
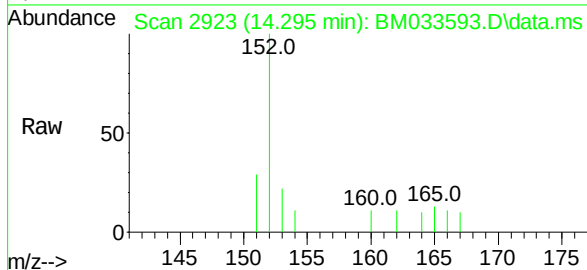
Abundance Scan 2922 (14.291 min): BM033578.D\data.ms (-2919) (-)



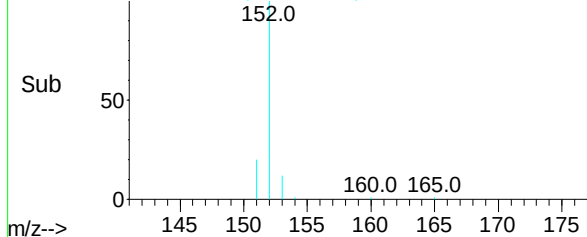
Acenaphthylene
Concen: 0.445 ng/ul
RT: 14.295 min Scan# 2919
Delta R.T. 0.011 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

Instrument :
BNA_M
ClientSampleId :
SLCS487

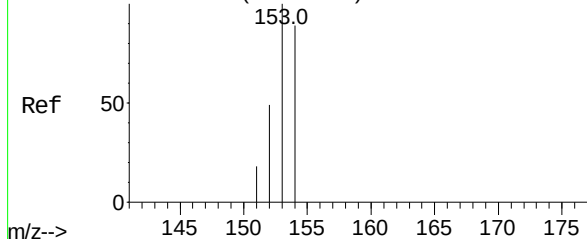
Tgt Ion:	152	Resp:	1013
Ion	Ratio	Lower	Upper
152	100		
151	28.6	19.9	29.9
153	21.6	15.0	22.4



Abundance Scan 2923 (14.295 min): BM033593.D\data.ms (-2867) (-)

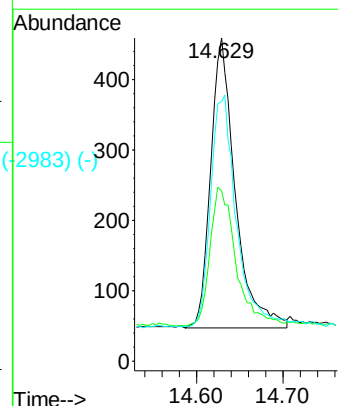
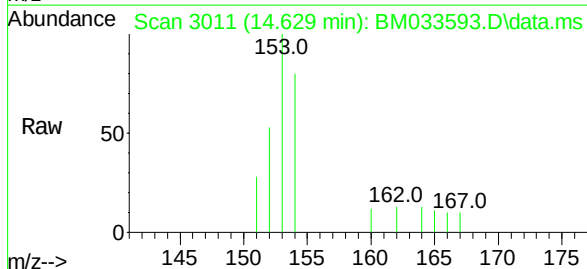


Abundance Scan 3012 (14.633 min): BM033578.D\data.ms (-2919) (-)

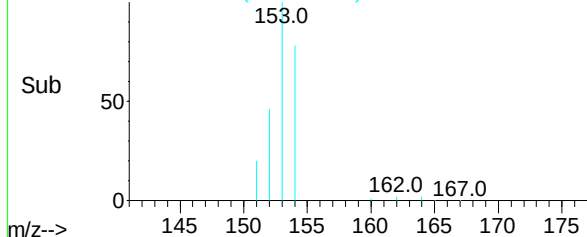


Acenaphthene
Concen: 0.469 ng/ul
RT: 14.629 min Scan# 3011
Delta R.T. 0.007 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

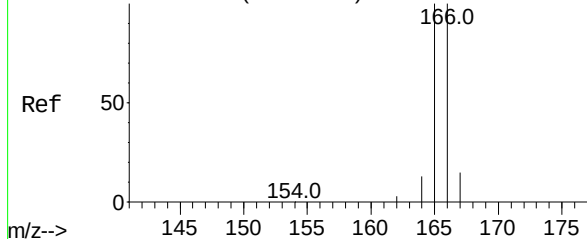
Tgt Ion:	153	Resp:	814
Ion	Ratio	Lower	Upper
153	100		
152	52.7	42.4	63.6
154	80.4	66.2	99.2



Abundance Scan 3011 (14.629 min): BM033593.D\data.ms (-2983) (-)



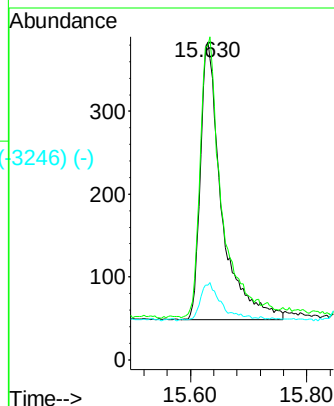
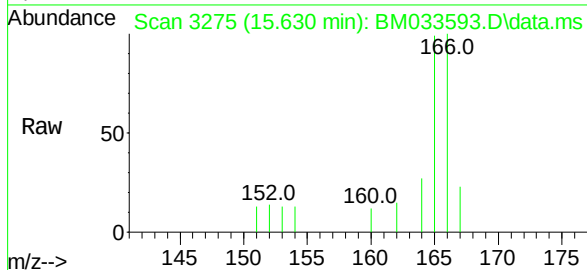
Abundance Scan 3275 (15.630 min): BM033578.D\data.ms (-3275) (-)



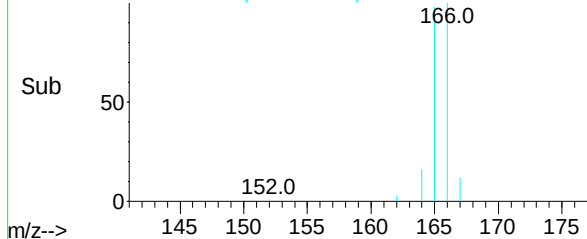
Fluorene
Concen: 0.443 ng/ul
RT: 15.630 min Scan# 3275
Delta R.T. 0.011 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

Instrument :
BNA_M
ClientSampleId :
SLCS487

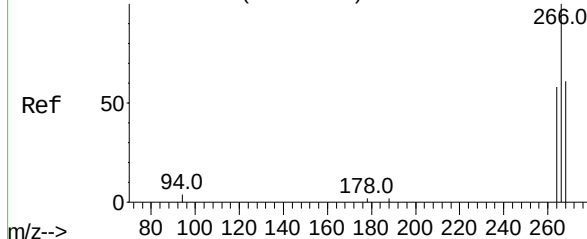
Tgt Ion:	166	Resp:	851
Ion	Ratio	Lower	Upper
166	100		
165	99.0	81.1	121.7
167	23.4	14.9	22.3#



Abundance Scan 3275 (15.630 min): BM033593.D\data.ms (-3246) (-)

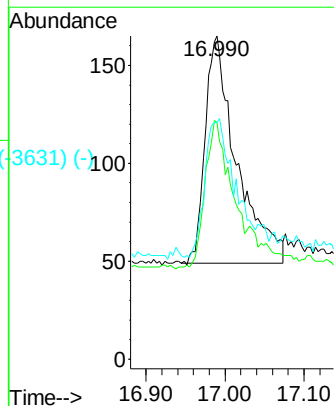
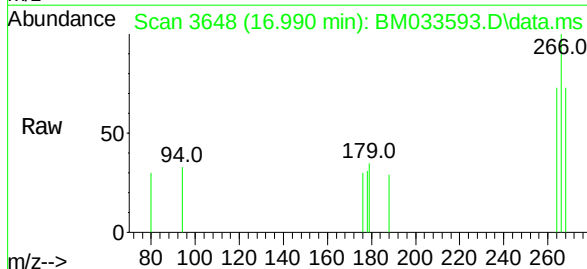


Abundance Scan 3649 (16.993 min): BM033578.D\data.ms (-3649) (-)

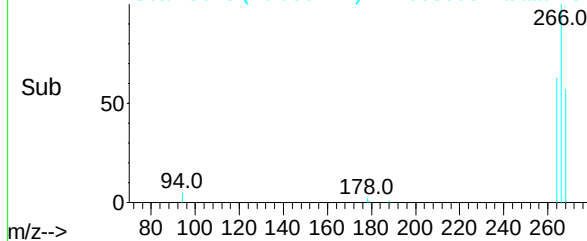


Pentachlorophenol
Concen: 0.761 ng/ul
RT: 16.990 min Scan# 3648
Delta R.T. 0.010 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

Tgt Ion:	266	Resp:	321
Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.4	77.0
268	65.1	53.1	79.7



Abundance Scan 3648 (16.990 min): BM033593.D\data.ms (-3631) (-)



Abundance Scan 3756 (17.365 min): BM033578.D\data.ms (-3715) (-)

Phenanthrene

Concen: 0.466 ng/ul

RT: 17.365 min Scan#

Delta R.T. 0.007 min

Lab File: BM033593.D

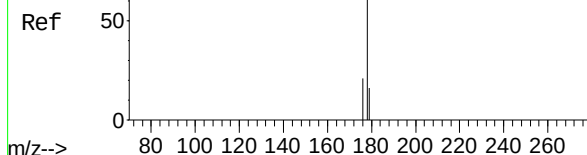
Acq: 23 Dec 2021 01:52

Instrument :

BNA_M

ClientSampleId :

SLCS487



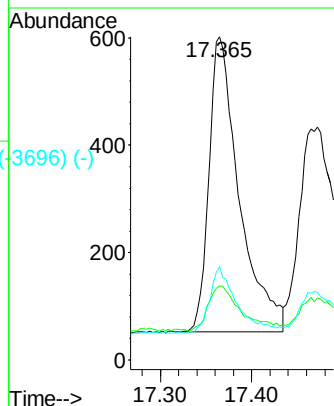
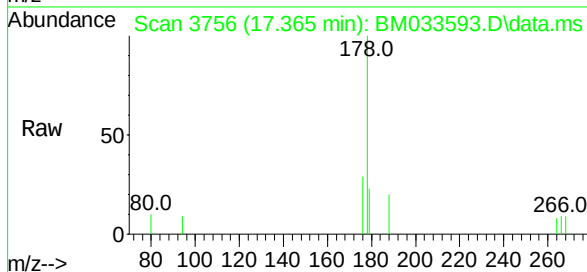
Tgt Ion:178 Resp: 1272

Ion Ratio Lower Upper

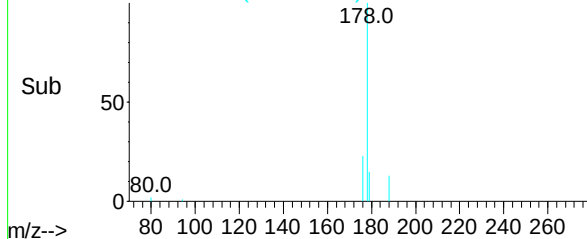
178 100

179 22.9 15.0 22.6#

176 28.9 17.9 26.9#



Abundance Scan 3756 (17.365 min): BM033593.D\data.ms (-3696) (-)



Abundance Scan 3786 (17.469 min): BM033578.D\data.ms (-3716) (-)

Anthracene

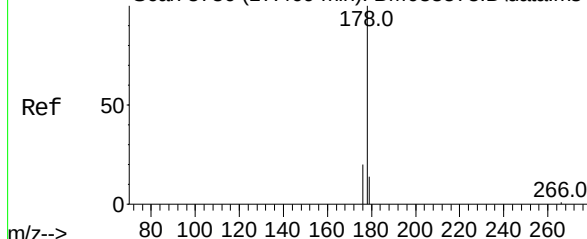
Concen: 0.434 ng/ul

RT: 17.472 min Scan# 3787

Delta R.T. 0.021 min

Lab File: BM033593.D

Acq: 23 Dec 2021 01:52



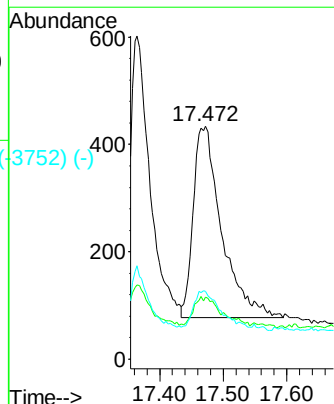
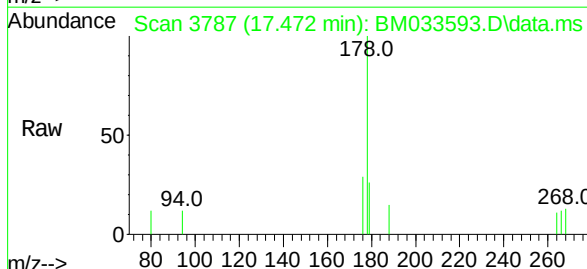
Tgt Ion:178 Resp: 1111

Ion Ratio Lower Upper

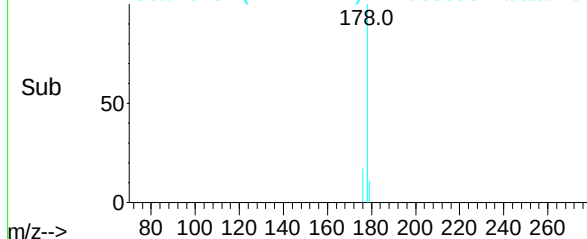
178 100

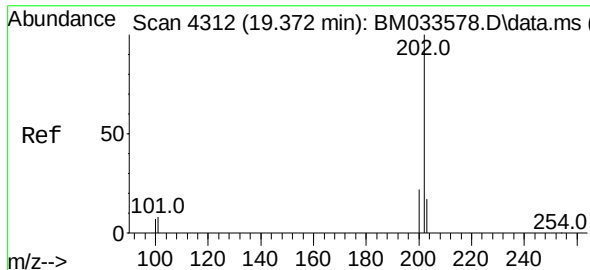
179 26.5 16.5 24.7#

176 29.0 18.3 27.5#



Abundance Scan 3787 (17.472 min): BM033593.D\data.ms (-3752) (-)

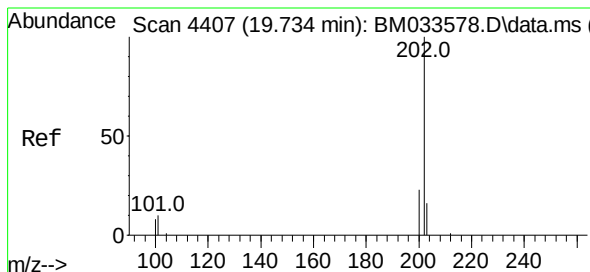
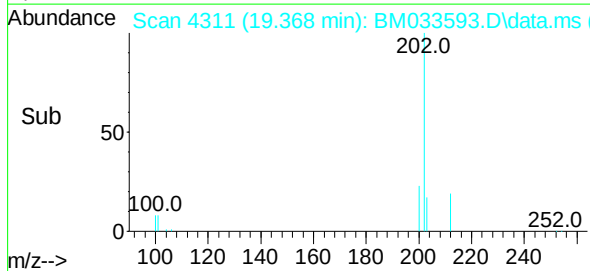
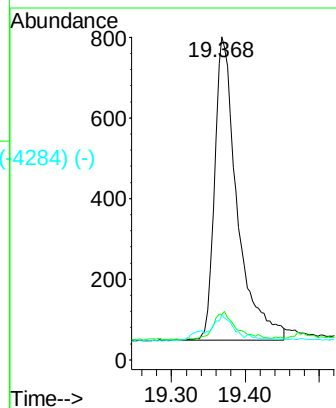
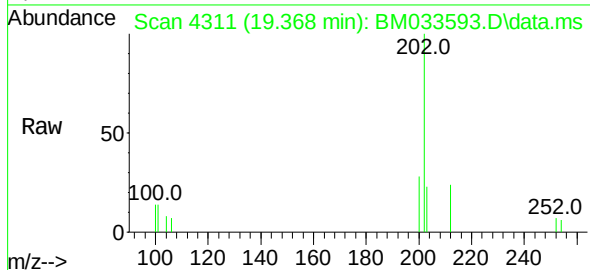




Fluoranthene
Concen: 0.482 ng/ul
RT: 19.368 min Scan# 4311
Delta R.T. 0.003 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

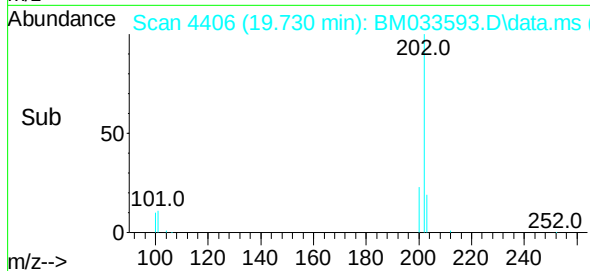
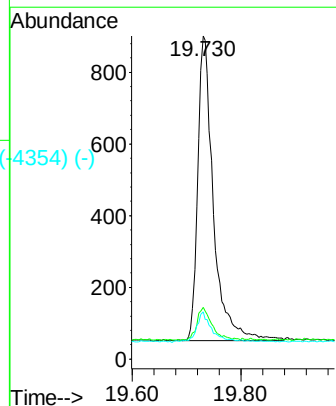
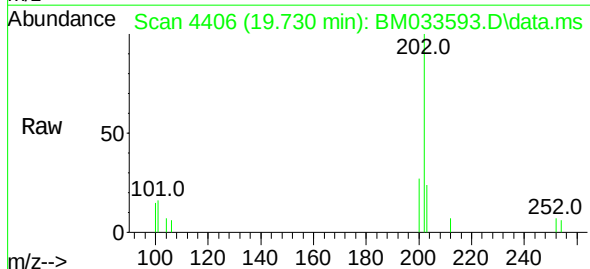
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Tgt Ion:	202	Resp:	1587
Ion	Ratio	Lower	Upper
202	100		
101	14.1	9.2	13.8#
100	13.9	7.2	10.8#

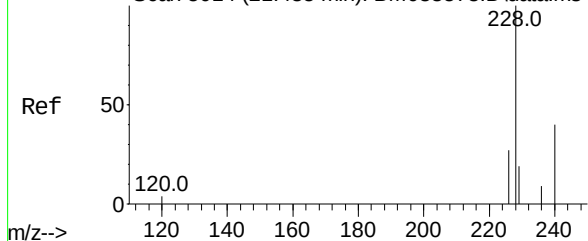


Pyrene
Concen: 0.490 ng/ul
RT: 19.730 min Scan# 4406
Delta R.T. -0.001 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

Tgt Ion:	202	Resp:	1686
Ion	Ratio	Lower	Upper
202	100		
101	16.1	9.3	13.9#
100	14.5	7.8	11.6#



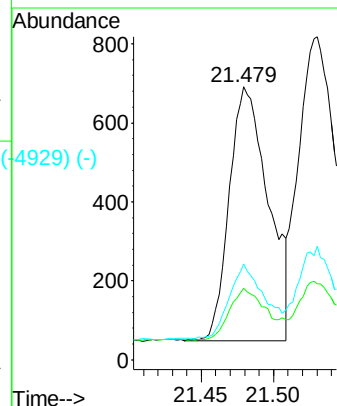
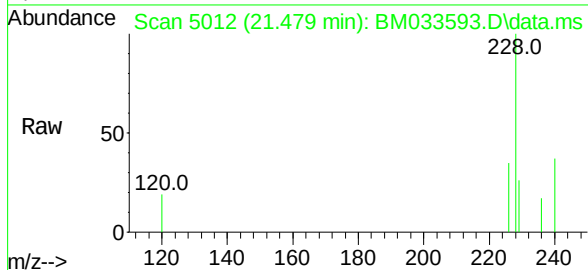
Abundance Scan 5014 (21.485 min): BM033578.D\data.ms (-500) (-)



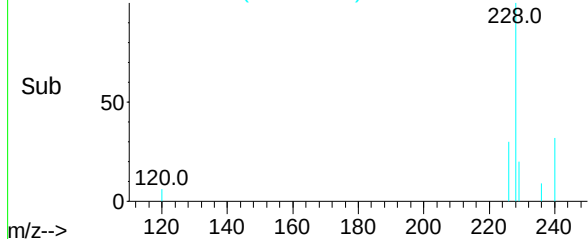
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.479 min Scan# 5012
Delta R.T. 0.002 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

Instrument :
BNA_M
ClientSampleId :
SLCS487

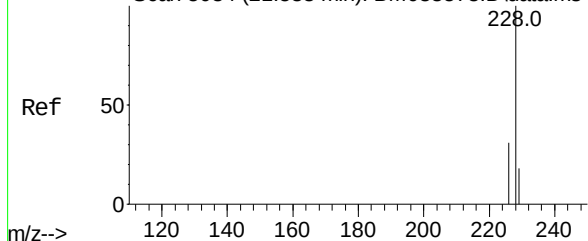
Tgt Ion:	228	Resp:	1210
Ion	Ratio	Lower	Upper
228	100		
229	26.2	17.3	25.9#
226	35.0	23.2	34.8#



Abundance Scan 5012 (21.479 min): BM033593.D\data.ms (-4929) (-)

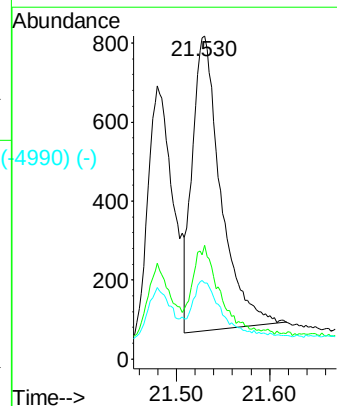
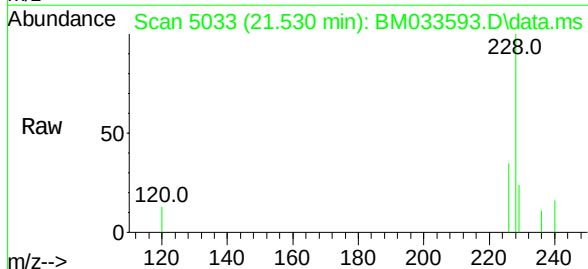


Abundance Scan 5034 (21.533 min): BM033578.D\data.ms (-5020) (-)

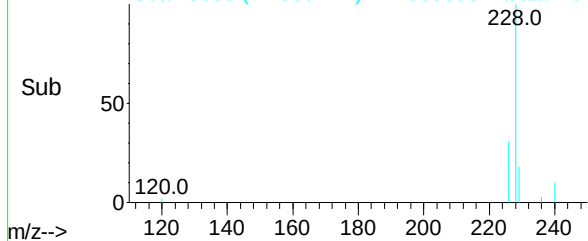


Chrysene
Concen: 0.474 ng/ul
RT: 21.530 min Scan# 5033
Delta R.T. 0.004 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

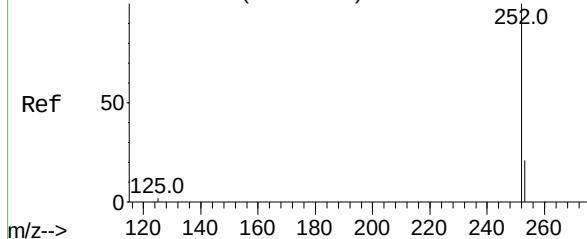
Tgt Ion:	228	Resp:	1574
Ion	Ratio	Lower	Upper
228	100		
226	35.2	25.8	38.8
229	23.6	16.7	25.1



Abundance Scan 5033 (21.530 min): BM033593.D\data.ms (-4990) (-)



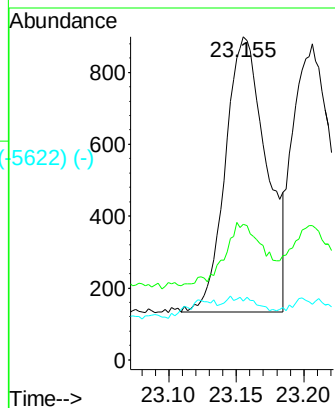
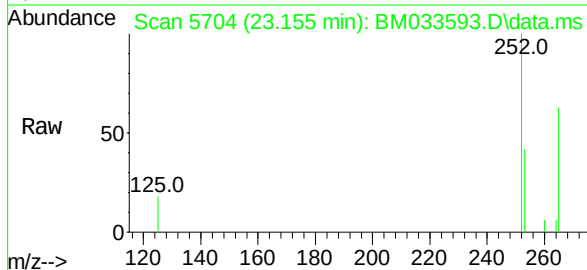
Abundance Scan 5708 (23.166 min): BM033578.D\data.ms (-5624) (-)



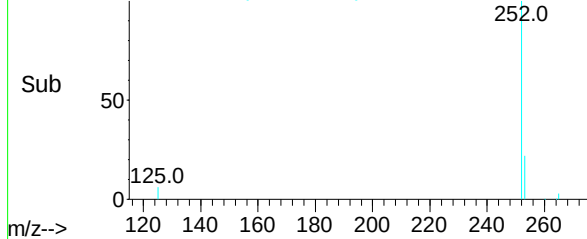
Benzo(b)fluoranthene
Concen: 0.461 ng/ul
RT: 23.155 min Scan# 5704
Delta R.T. -0.000 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

Instrument :
BNA_M
ClientSampleId :
SLCS487

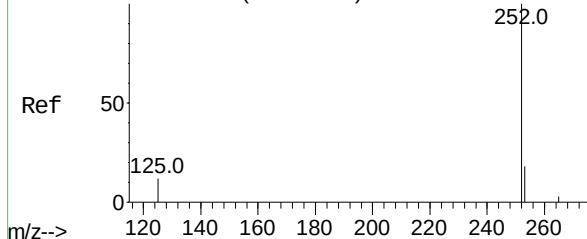
Tgt Ion:	252	Resp:	1608
Ion	Ratio	Lower	Upper
252	100		
253	42.0	0.0	64.2
125	18.1	0.0	28.8



Abundance Scan 5704 (23.155 min): BM033593.D\data.ms (-5622) (-)

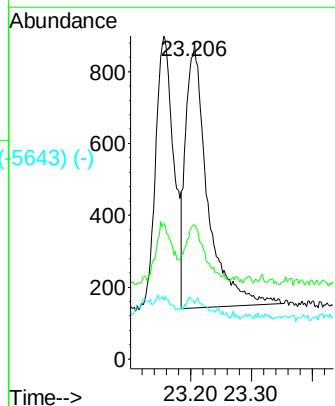
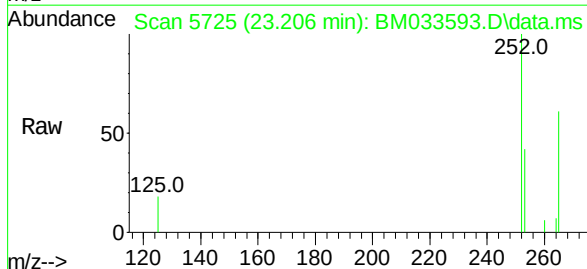


Abundance Scan 5728 (23.214 min): BM033578.D\data.ms (-5725) (-)

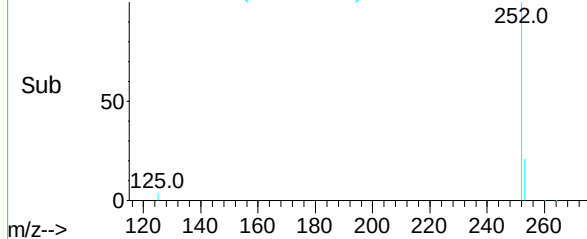


Benzo(k)fluoranthene
Concen: 0.503 ng/ul
RT: 23.206 min Scan# 5725
Delta R.T. -0.001 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

Tgt Ion:	252	Resp:	1841
Ion	Ratio	Lower	Upper
252	100		
253	42.4	26.8	40.2#
125	17.5	12.0	18.0



Abundance Scan 5725 (23.206 min): BM033593.D\data.ms (-5643) (-)



Abundance Scan 5966 (23.791 min): BM033578.D\data.ms (-5926) (-)

Benzo(a)pyrene

Concen: 0.455 ng/ul

RT: 23.783 min Scan# 5926

Delta R.T. -0.003 min

Lab File: BM033593.D

Acq: 23 Dec 2021 01:52

Instrument :

BNA_M

ClientSampleId :

SLCS487

Tgt Ion:252 Resp: 1471

Ion Ratio Lower Upper

252 100

253 49.7 32.0 48.0#

125 24.8 14.5 21.7#

Abundance Scan 5963 (23.783 min): BM033593.D\data.ms

252.0

125.0

Raw

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 5963 (23.783 min): BM033593.D\data.ms (-5923) (-)

252.0

125.0

Sub

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

600

23.783

400

200

0

Time-->

23.70 23.80 23.90

Abundance Scan 7039 (26.390 min): BM033578.D\data.ms (-7027) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.457 ng/ul

RT: 26.378 min Scan# 7034

Delta R.T. -0.003 min

Lab File: BM033593.D

Acq: 23 Dec 2021 01:52

Tgt Ion:276 Resp: 2046

Ion Ratio Lower Upper

276 100

138 11.7 15.8 23.6#

227 0.0 0.0 0.0

Abundance Scan 7034 (26.378 min): BM033593.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): BM033593.D\data.ms (-6953) (-)

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

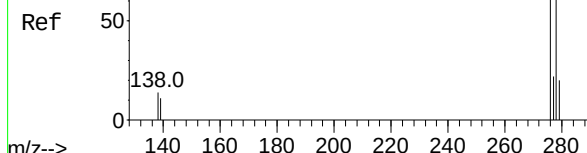
Time-->

26.20 26.40 26.60

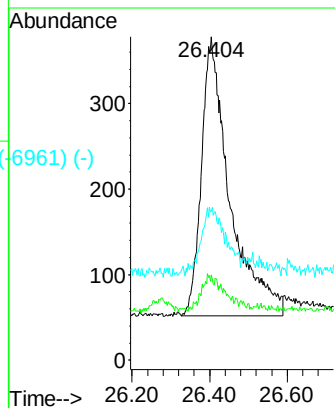
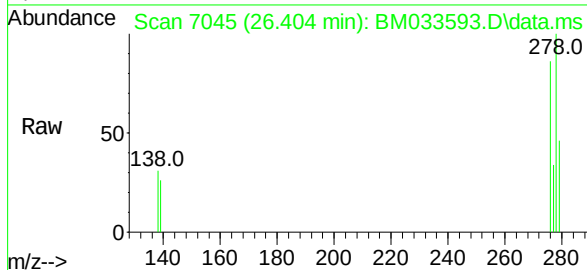
Abundance Scan 7053 (26.424 min): BM033578.D\data.ms (-726) (-)

Dibenzo(a,h)anthracene
Concen: 0.460 ng/ul
RT: 26.404 min Scan#
Delta R.T. 0.004 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

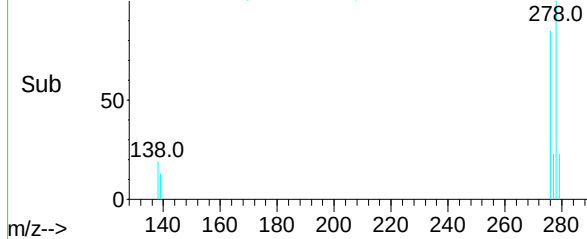
Instrument :
BNA_M
ClientSampleId :
SLCS487



Tgt Ion:	278	Resp:	1651
Ion	Ratio	Lower	Upper
278	100		
139	26.5	18.0	27.0
279	46.0	28.6	42.8#



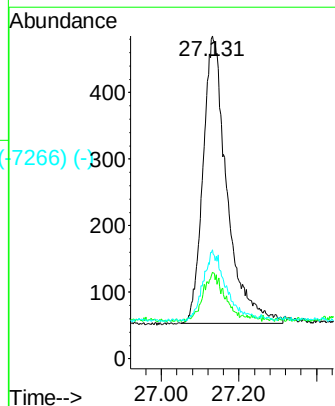
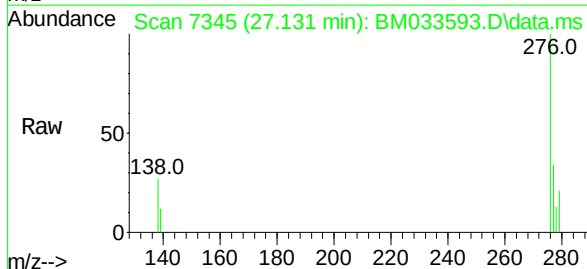
Abundance Scan 7045 (26.404 min): BM033593.D\data.ms (-6961) (-)



Abundance Scan 7350 (27.144 min): BM033578.D\data.ms (-726) (-)

Benzo(g,h,i)perylene
Concen: 0.471 ng/ul
RT: 27.131 min Scan# 7345
Delta R.T. -0.008 min
Lab File: BM033593.D
Acq: 23 Dec 2021 01:52

Tgt Ion:	276	Resp:	1863
Ion	Ratio	Lower	Upper
276	100		
138	26.8	17.4	26.0#
277	33.8	22.6	33.8



Abundance Scan 7345 (27.131 min): BM033593.D\data.ms (-7266) (-)

