

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
 Data File : BM032752.D
 Acq On : 27 Oct 2021 06:28
 Operator : CG/JU
 Sample : PB140189BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS189

Quant Time: Oct 27 07:17:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 26 17:09:29 2021
 Response via : Initial Calibration

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

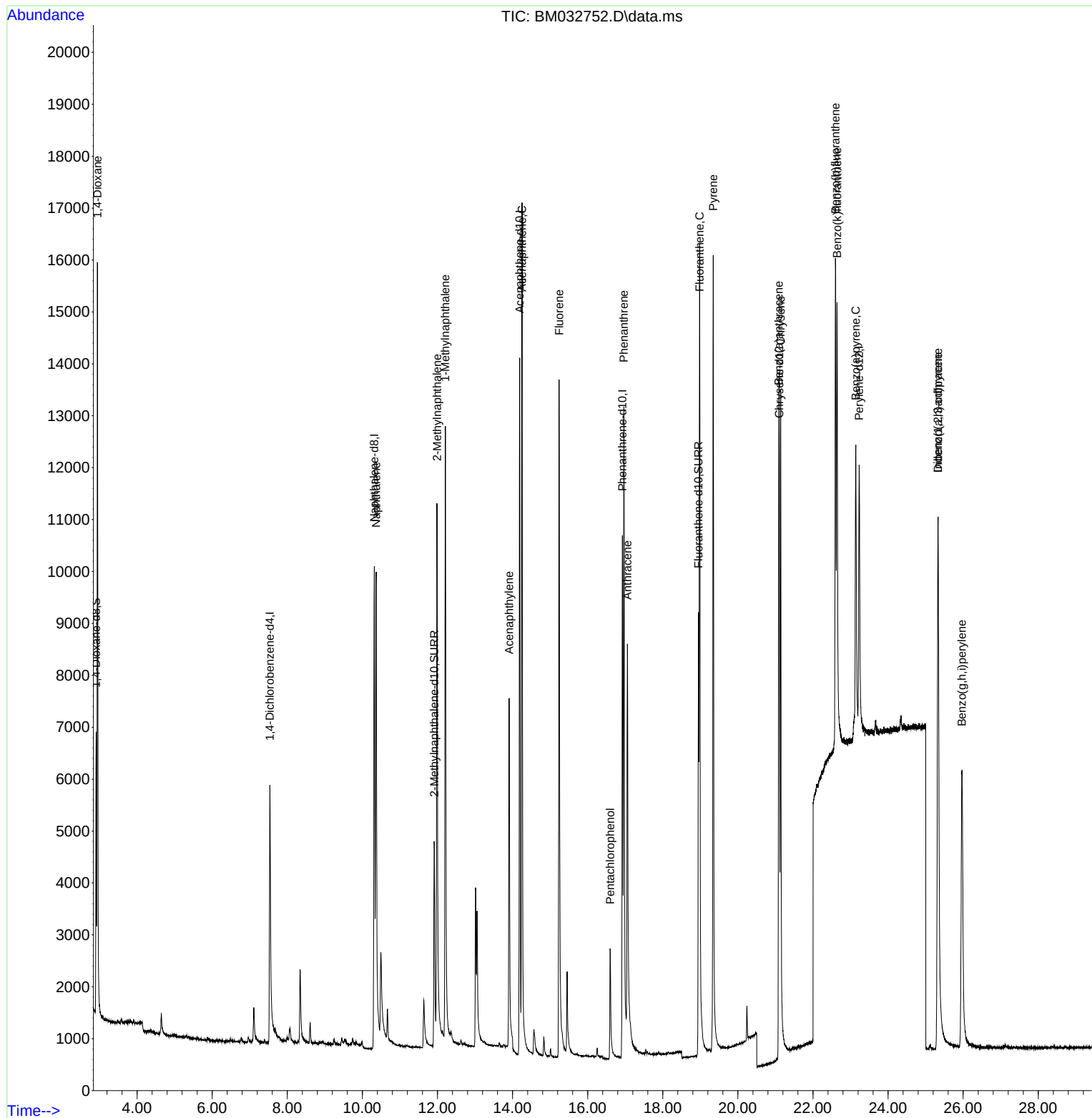
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	3875	0.400	ng/ul	0.00
4) Naphthalene-d8	10.317	136	14557	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.190	164	7748	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.925	188	13030	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.104	240	8320	0.400	ng/ul	0.00
23) Perylene-d12	23.230	264	7120	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.910	96	3176	0.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.913	152	6798	0.350	ng/ul	0.00
18) Fluoranthene-d10	18.950	212	9882	0.377	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.944	88	9109	1.904	ng/ul#	81
5) Naphthalene	10.366	128	15160	0.343	ng/ul	99
7) 2-Methylnaphthalene	11.990	142	9449	0.327	ng/ul	99
8) 1-Methylnaphthalene	12.210	142	8983	0.315	ng/ul	99
10) Acenaphthylene	13.910	152	10082	0.305	ng/ul	99
11) Acenaphthene	14.251	153	10114	0.335	ng/ul	99
12) Fluorene	15.241	166	10672	0.314	ng/ul	99
14) Pentachlorophenol	16.599	266	1856	0.554	ng/ul	98
15) Phenanthrene	16.963	178	14581	0.333	ng/ul	99
16) Anthracene	17.057	178	11508	0.299	ng/ul	98
19) Fluoranthene	18.981	202	14488	0.352	ng/ul	99
20) Pyrene	19.343	202	14627	0.346	ng/ul	100
21) Benzo(a)anthracene	21.089	228	9831	0.302	ng/ul	99
22) Chrysene	21.140	228	12458	0.348	ng/ul	99
24) Benzo(b)fluoranthene	22.600	252	11515	0.350	ng/ul	89
25) Benzo(k)fluoranthene	22.641	252	12825	0.392	ng/ul#	88
26) Benzo(a)pyrene	23.140	252	9552	0.346	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.330	276	12490	0.371	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.330	278	9826	0.370	ng/ul#	93
29) Benzo(g,h,i)perylene	25.965	276	11843	0.403	ng/ul	99

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

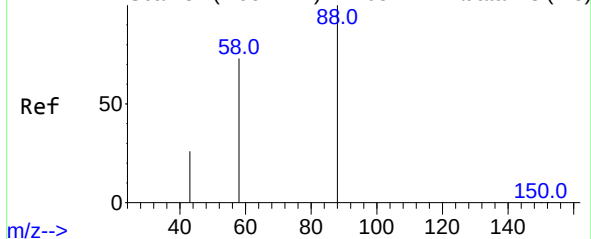
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
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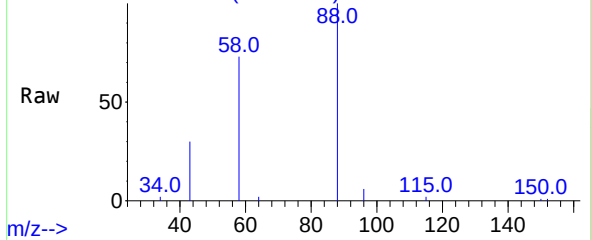


Abundance Scan 34 (2.951 min): BM032747.D\data.ms (-25)



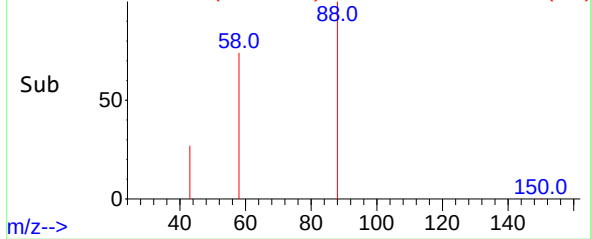
m/z-->

Abundance Scan 32 (2.944 min): BM032752.D\data.ms



m/z-->

Abundance Scan 32 (2.944 min): BM032752.D\data.ms (-20)



m/z-->

#2

1,4-Dioxane

Concen: 1.904 ng/ul

RT: 2.944 min Scan# 32

Delta R.T. -0.007 min

Lab File: BM032752.D

Acq: 27 Oct 2021 06:28

Tgt Ion: 88 Resp: 9109

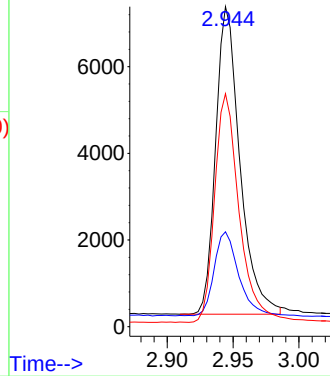
Ion Ratio Lower Upper

88 100

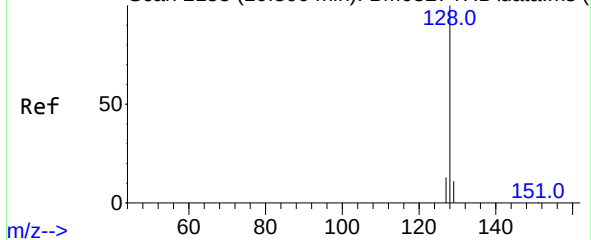
43 29.7 46.6 69.8#

58 72.8 60.7 91.1

Abundance

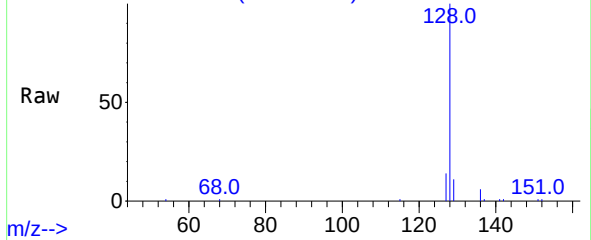


Abundance Scan 2153 (10.366 min): BM032747.D\data.ms (-20)



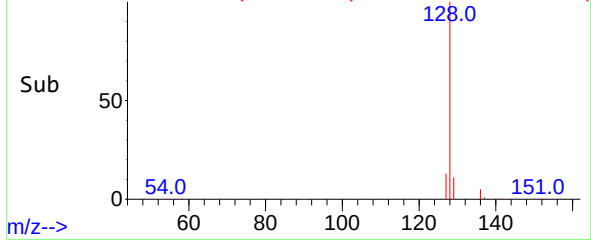
m/z-->

Abundance Scan 2153 (10.366 min): BM032752.D\data.ms



m/z-->

Abundance Scan 2153 (10.366 min): BM032752.D\data.ms (-20)



m/z-->

#5

Naphthalene

Concen: 0.343 ng/ul

RT: 10.366 min Scan# 2153

Delta R.T. -0.004 min

Lab File: BM032752.D

Acq: 27 Oct 2021 06:28

Tgt Ion: 128 Resp: 15160

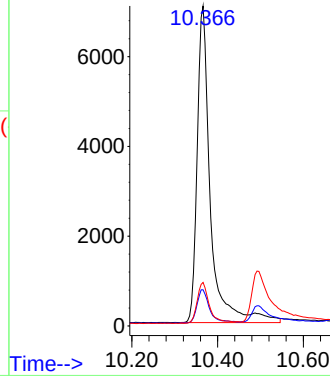
Ion Ratio Lower Upper

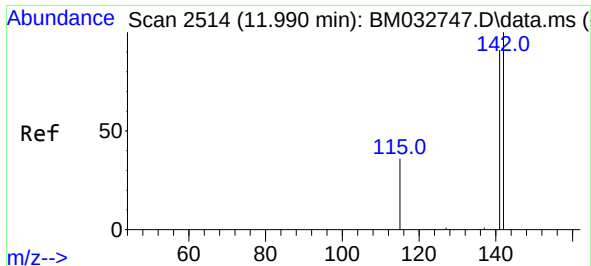
128 100

129 11.3 9.1 13.7

127 13.6 11.1 16.7

Abundance

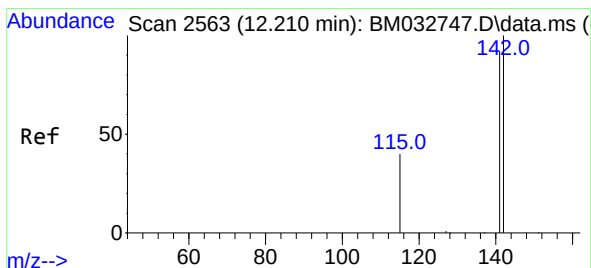
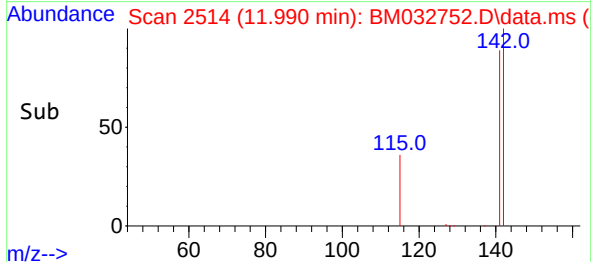
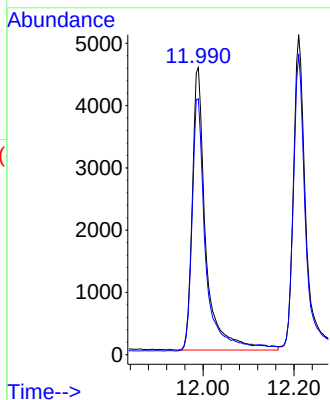
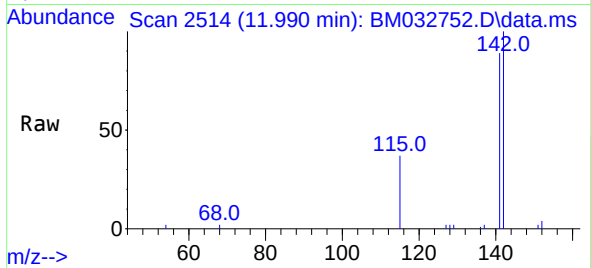




#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 11.990 min Scan# 2514
Delta R.T. -0.004 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

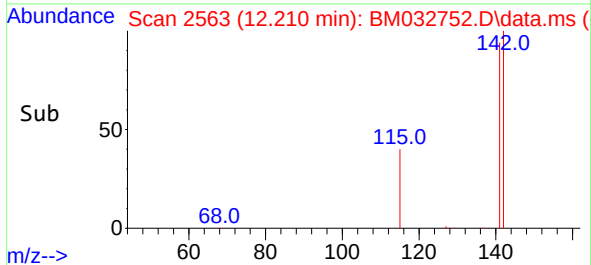
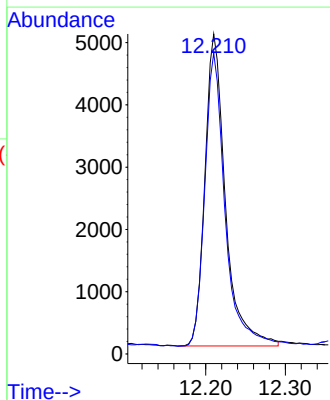
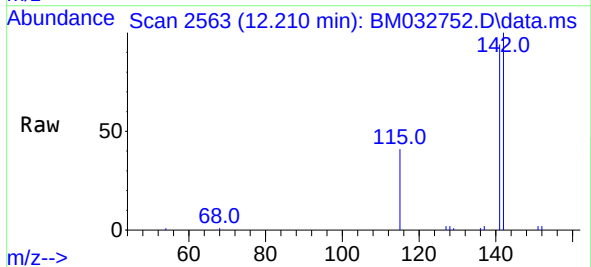
Instrument :
BNA_M
ClientSampled :
SLCS189

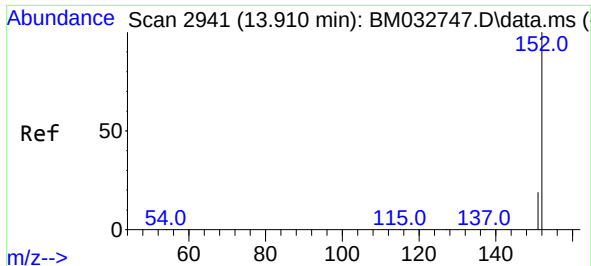
Tgt Ion:142 Resp: 9449
Ion Ratio Lower Upper
142 100
141 91.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.210 min Scan# 2563
Delta R.T. -0.004 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

Tgt Ion:142 Resp: 8983
Ion Ratio Lower Upper
142 100
141 93.0 74.9 112.3

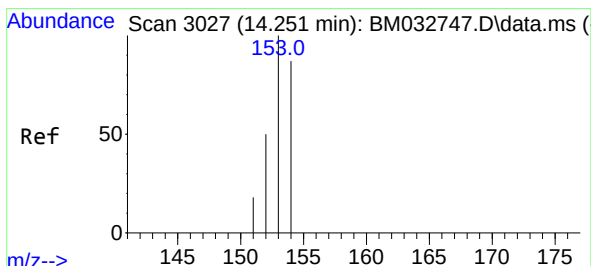
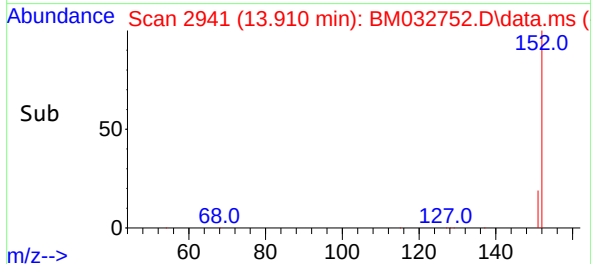
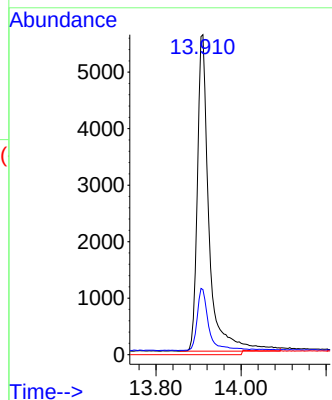
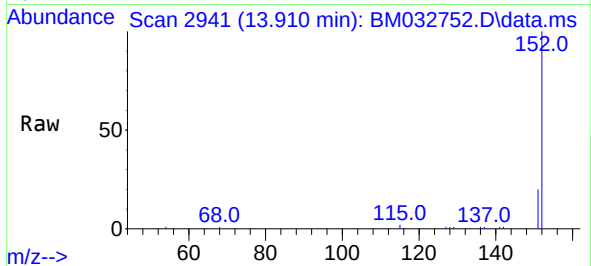




#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 13.910 min Scan# 2941
Delta R.T. -0.004 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

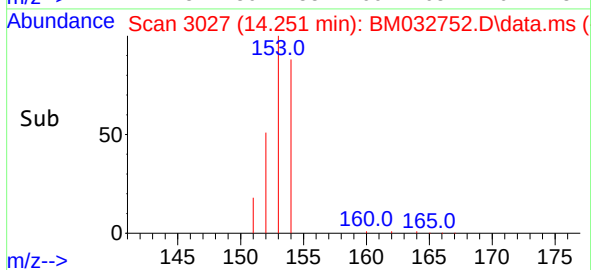
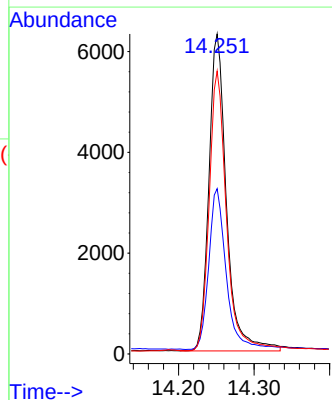
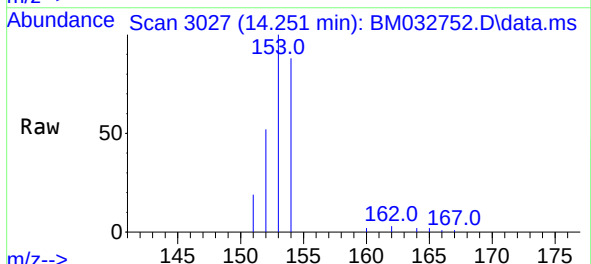
Instrument :
BNA_M
ClientSampleId :
SLCS189

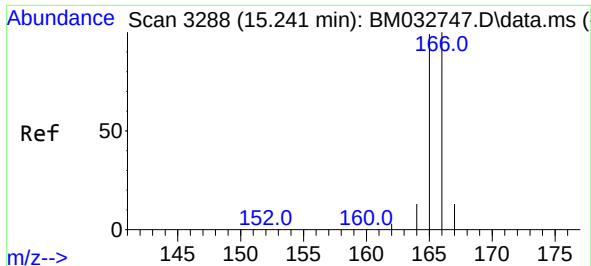
Tgt Ion:152 Resp: 10082
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.251 min Scan# 3027
Delta R.T. -0.004 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

Tgt Ion:153 Resp: 10114
Ion Ratio Lower Upper
153 100
152 51.7 40.4 60.6
154 88.4 70.8 106.2

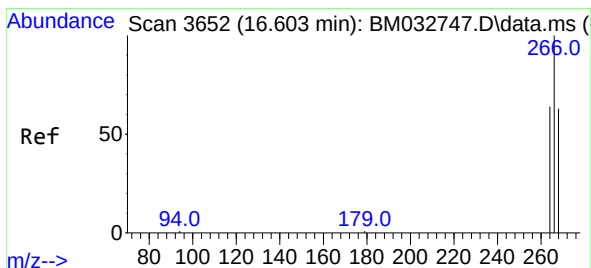
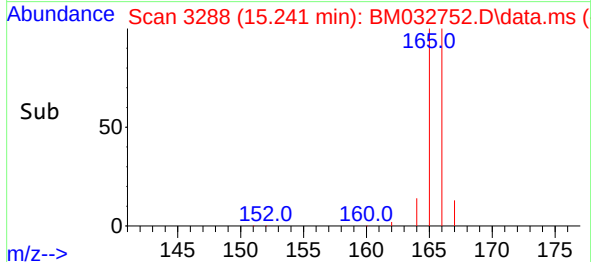
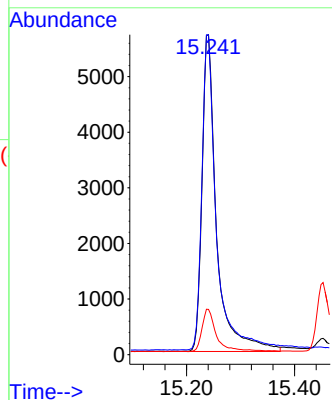
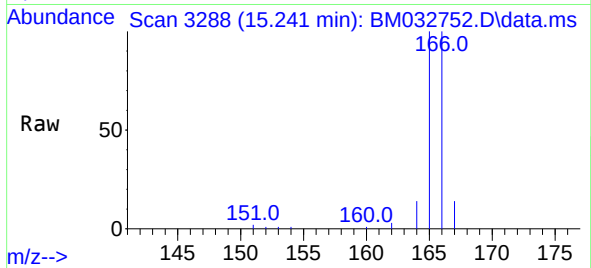




#12
Fluorene
Concen: 0.314 ng/ul
RT: 15.241 min Scan# 3288
Delta R.T. -0.004 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

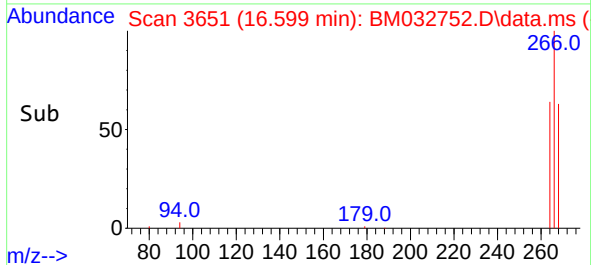
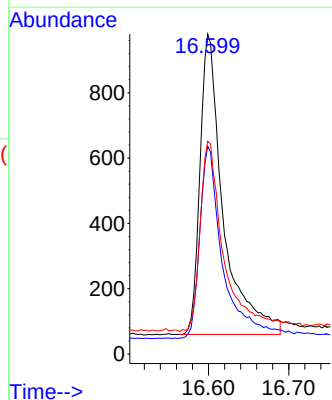
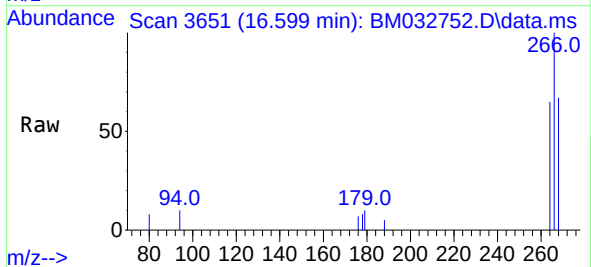
Instrument :
BNA_M
ClientSampleId :
SLCS189

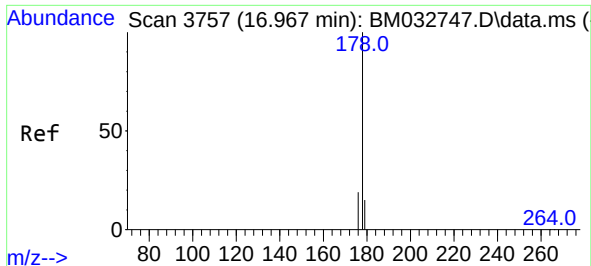
Tgt Ion:166 Resp: 10672
Ion Ratio Lower Upper
166 100
165 100.0 80.7 121.1
167 14.2 11.2 16.8



#14
Pentachlorophenol
Concen: 0.554 ng/ul
RT: 16.599 min Scan# 3651
Delta R.T. -0.007 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

Tgt Ion:266 Resp: 1856
Ion Ratio Lower Upper
266 100
264 63.1 50.8 76.2
268 64.9 50.2 75.2

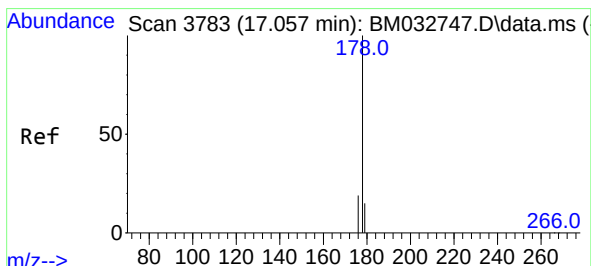
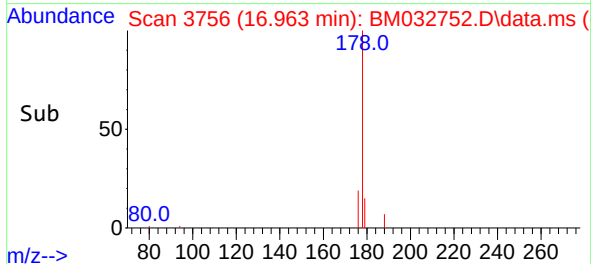
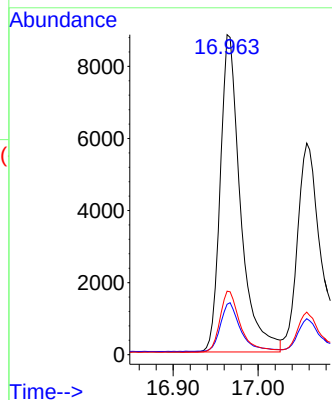
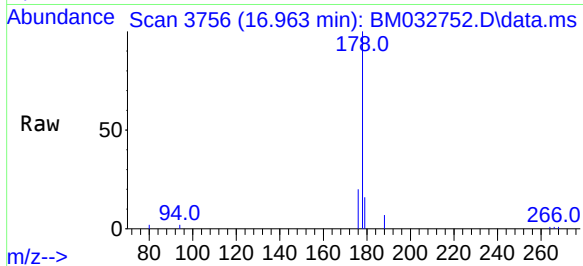




#15
Phenanthrene
Concen: 0.333 ng/u1
RT: 16.963 min Scan# 3756
Delta R.T. -0.007 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

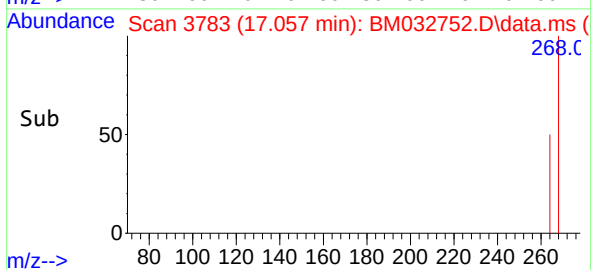
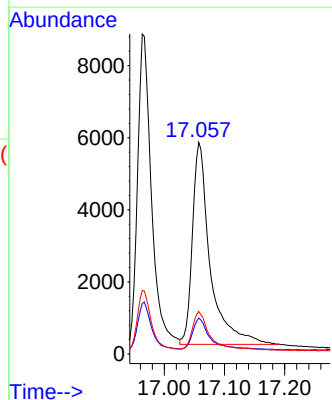
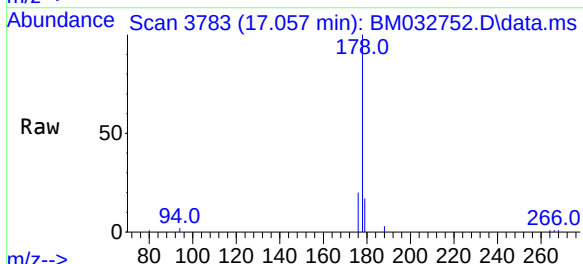
Instrument :
BNA_M
ClientSampleId :
SLCS189

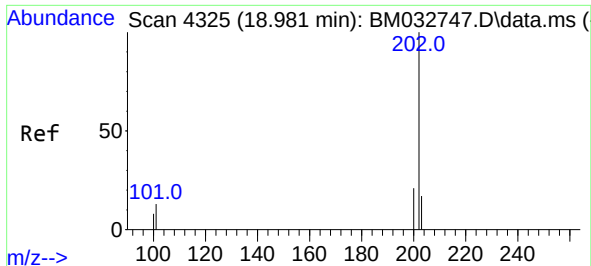
Tgt Ion:	178	Resp:	14581
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.9	19.3
176	19.9	16.1	24.1



#16
Anthracene
Concen: 0.299 ng/u1
RT: 17.057 min Scan# 3783
Delta R.T. -0.003 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

Tgt Ion:	178	Resp:	11508
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.9	19.3
176	20.1	15.8	23.6

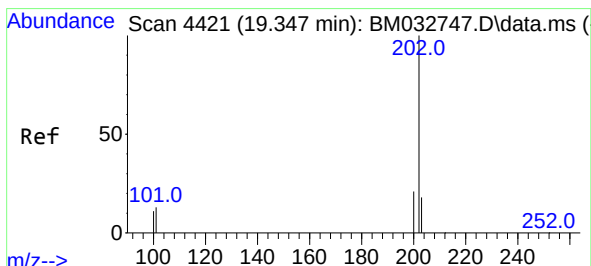
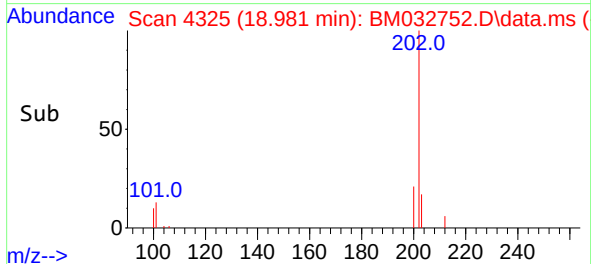
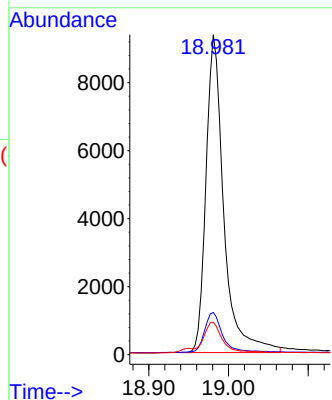
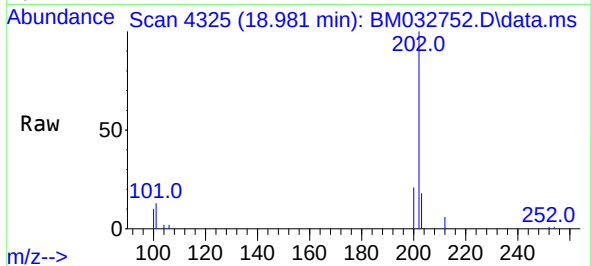




#19
Fluoranthene
Concen: 0.352 ng/u1
RT: 18.981 min Scan# 4325
Delta R.T. -0.004 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

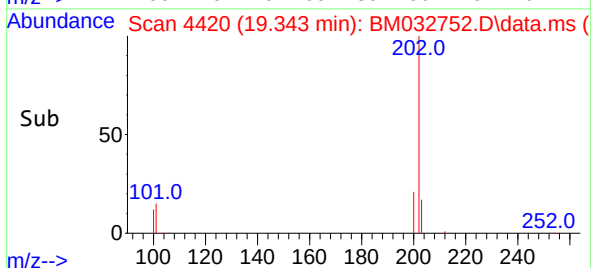
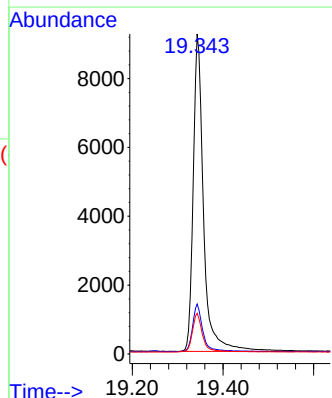
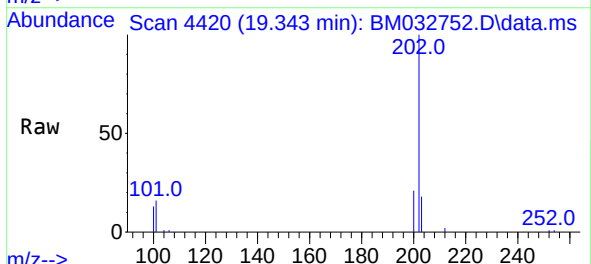
Instrument :
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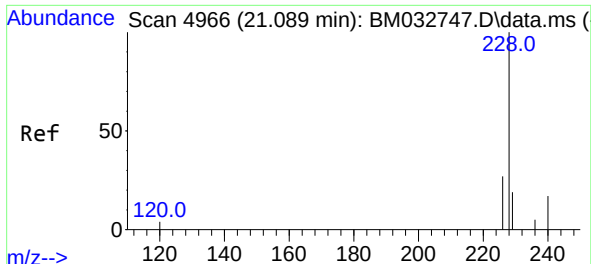
Tgt Ion:	202	Resp:	14488
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.6	16.0
100	10.1	7.8	11.8



#20
Pyrene
Concen: 0.346 ng/u1
RT: 19.343 min Scan# 4420
Delta R.T. -0.004 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

Tgt Ion:	202	Resp:	14627
Ion Ratio	Lower	Upper	
202	100		
101	15.6	12.3	18.5
100	12.7	10.1	15.1

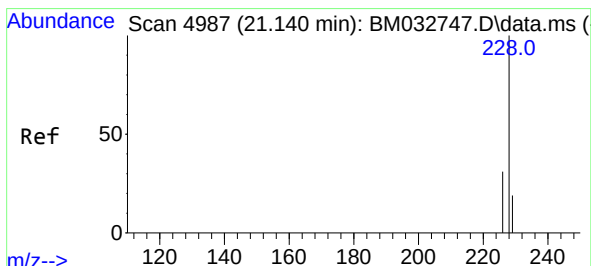
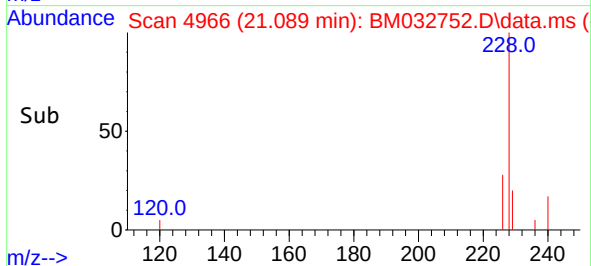
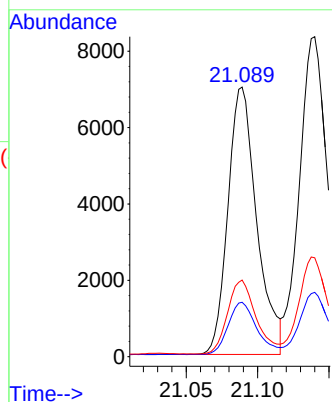
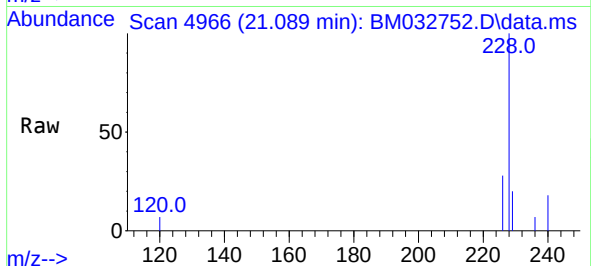




#21
Benzo(a)anthracene
Concen: 0.302 ng/ul
RT: 21.089 min Scan# 4966
Delta R.T. -0.002 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

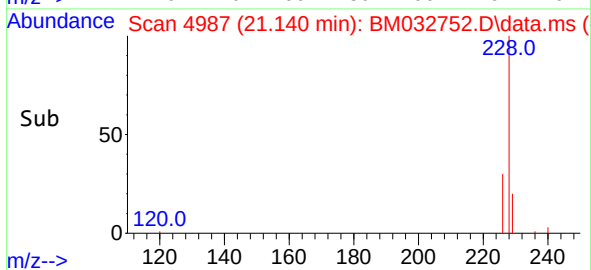
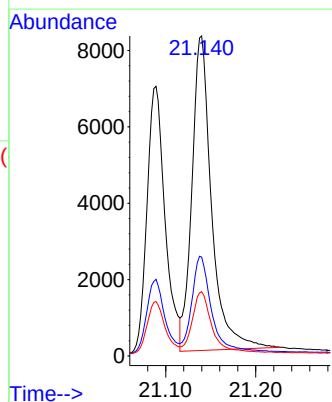
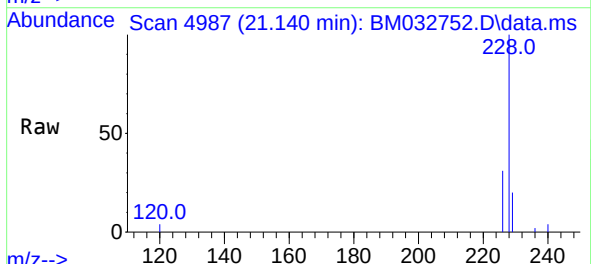
Instrument :
BNA_M
ClientSampled :
SLCS189

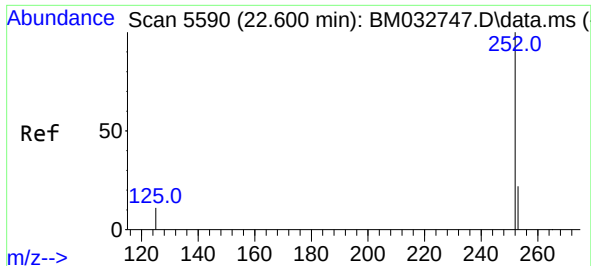
Tgt Ion:228	Resp:	9831	
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	28.4	22.4	33.6



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.140 min Scan# 4987
Delta R.T. -0.002 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

Tgt Ion:228	Resp:	12458	
Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.1	37.7
229	20.1	15.7	23.5

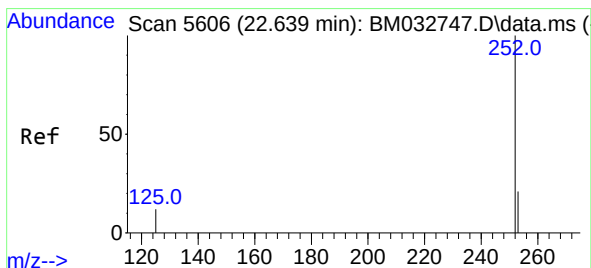
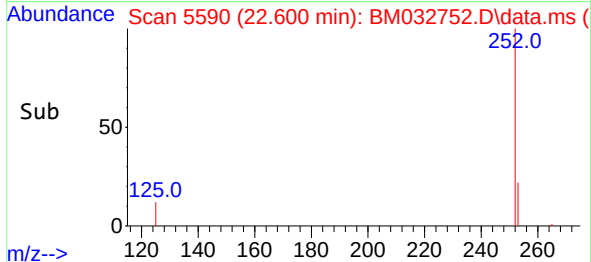
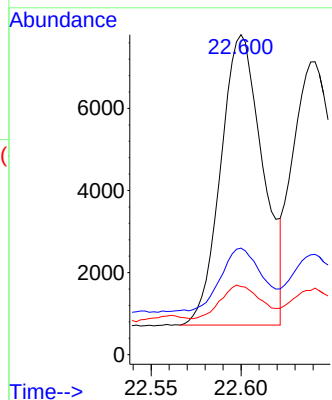
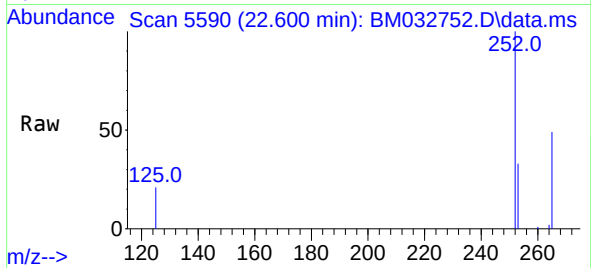




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 22.600 min Scan# 5590
Delta R.T. -0.005 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

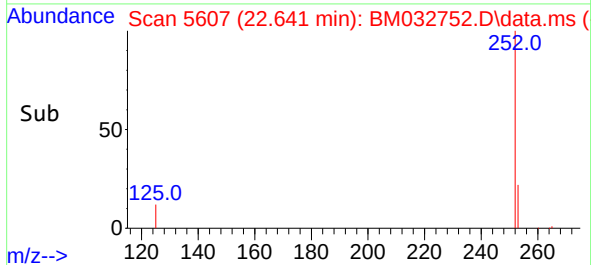
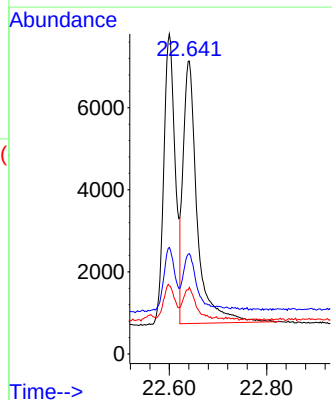
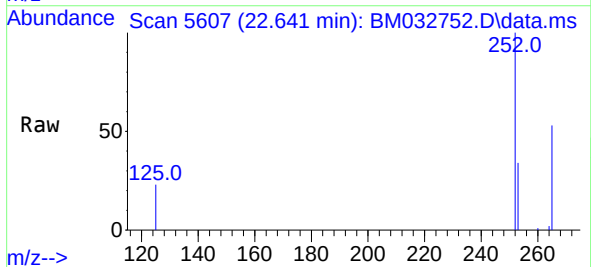
Instrument :
BNA_M
ClientSampled :
SLCS189

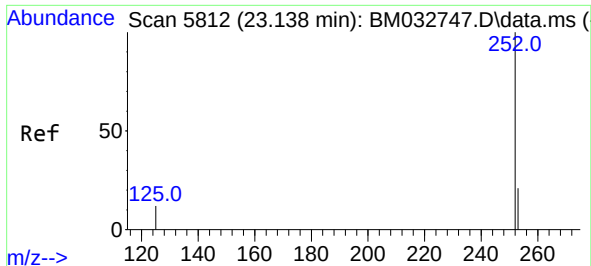
Tgt Ion:252	Resp:	11515
Ion Ratio	Lower	Upper
252	100	
253	33.3	0.0 53.8
125	21.3	0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 22.641 min Scan# 5607
Delta R.T. -0.005 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

Tgt Ion:252	Resp:	12825
Ion Ratio	Lower	Upper
252	100	
253	34.3	21.8 32.6#
125	22.7	14.4 21.6#

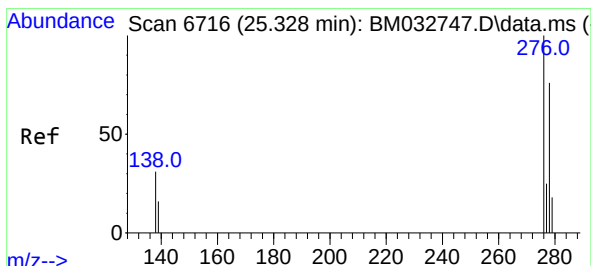
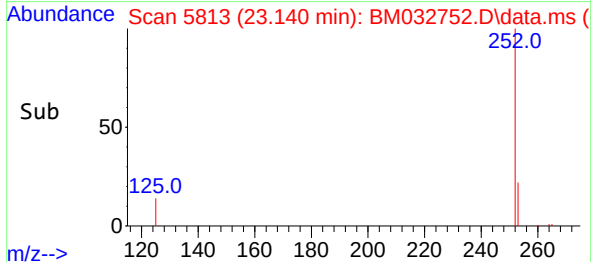
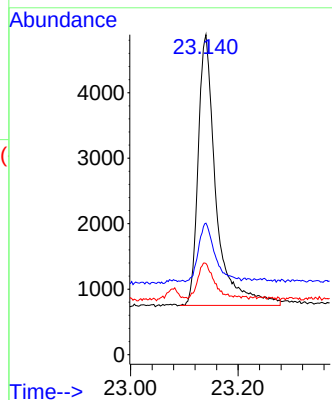
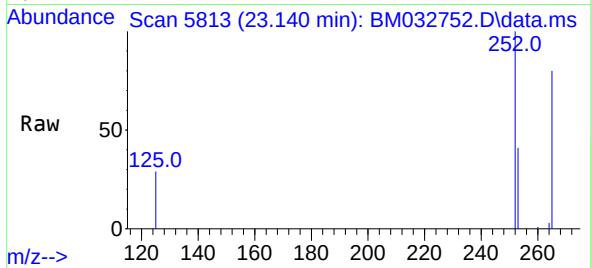




#26
Benzo(a)pyrene
Concen: 0.346 ng/ul
RT: 23.140 min Scan# 5813
Delta R.T. -0.007 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

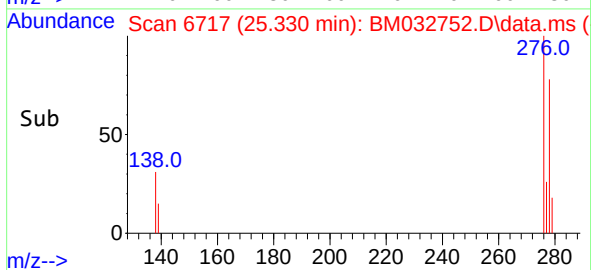
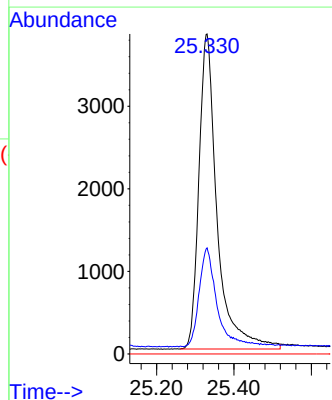
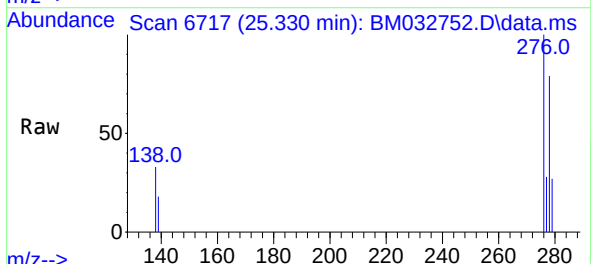
Instrument :
BNA_M
ClientSampleId :
SLCS189

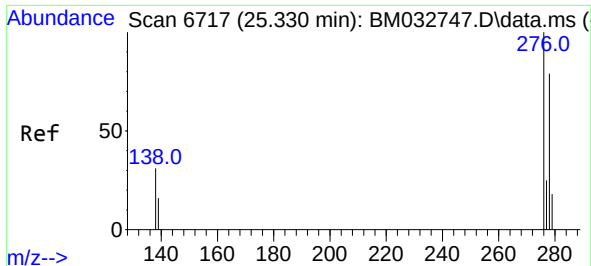
Tgt Ion:252 Resp: 9552
Ion Ratio Lower Upper
252 100
253 41.1 23.6 35.4#
125 28.5 17.1 25.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 25.330 min Scan# 6717
Delta R.T. -0.010 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

Tgt Ion:276 Resp: 12490
Ion Ratio Lower Upper
276 100
138 30.9 24.9 37.3
227 0.0 0.0 0.0

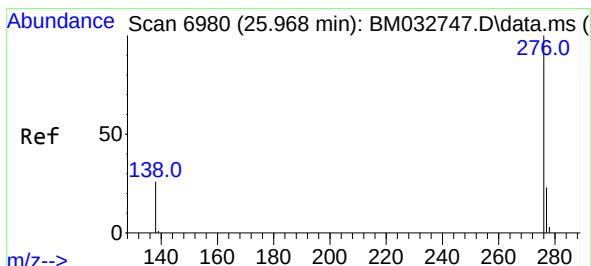
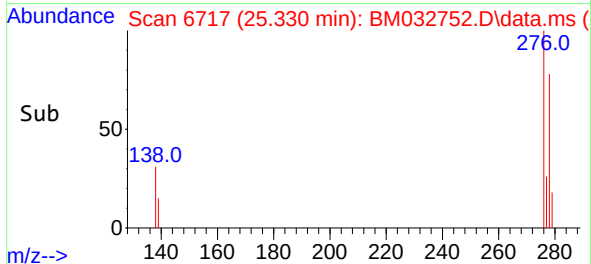
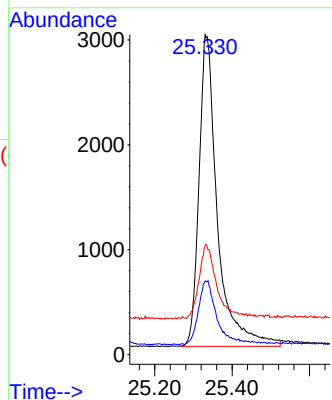
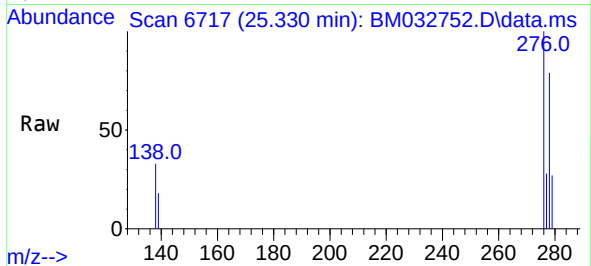




#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 25.330 min Scan# 6717
Delta R.T. -0.014 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

Instrument :
BNA_M
ClientSampleId :
SLCS189

Tgt Ion:278 Resp: 9826
Ion Ratio Lower Upper
278 100
139 23.0 18.6 28.0
279 34.1 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 25.965 min Scan# 6979
Delta R.T. -0.014 min
Lab File: BM032752.D
Acq: 27 Oct 2021 06:28

Tgt Ion:276 Resp: 11843
Ion Ratio Lower Upper
276 100
138 27.9 22.6 33.8
277 26.1 19.9 29.9

