

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037532.D
 Acq On : 17 Nov 2022 18:14
 Operator : CG/JU
 Sample : PB149093BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS093

Quant Time: Nov 17 22:50:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:46:50 2022
 Response via : Initial Calibration

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

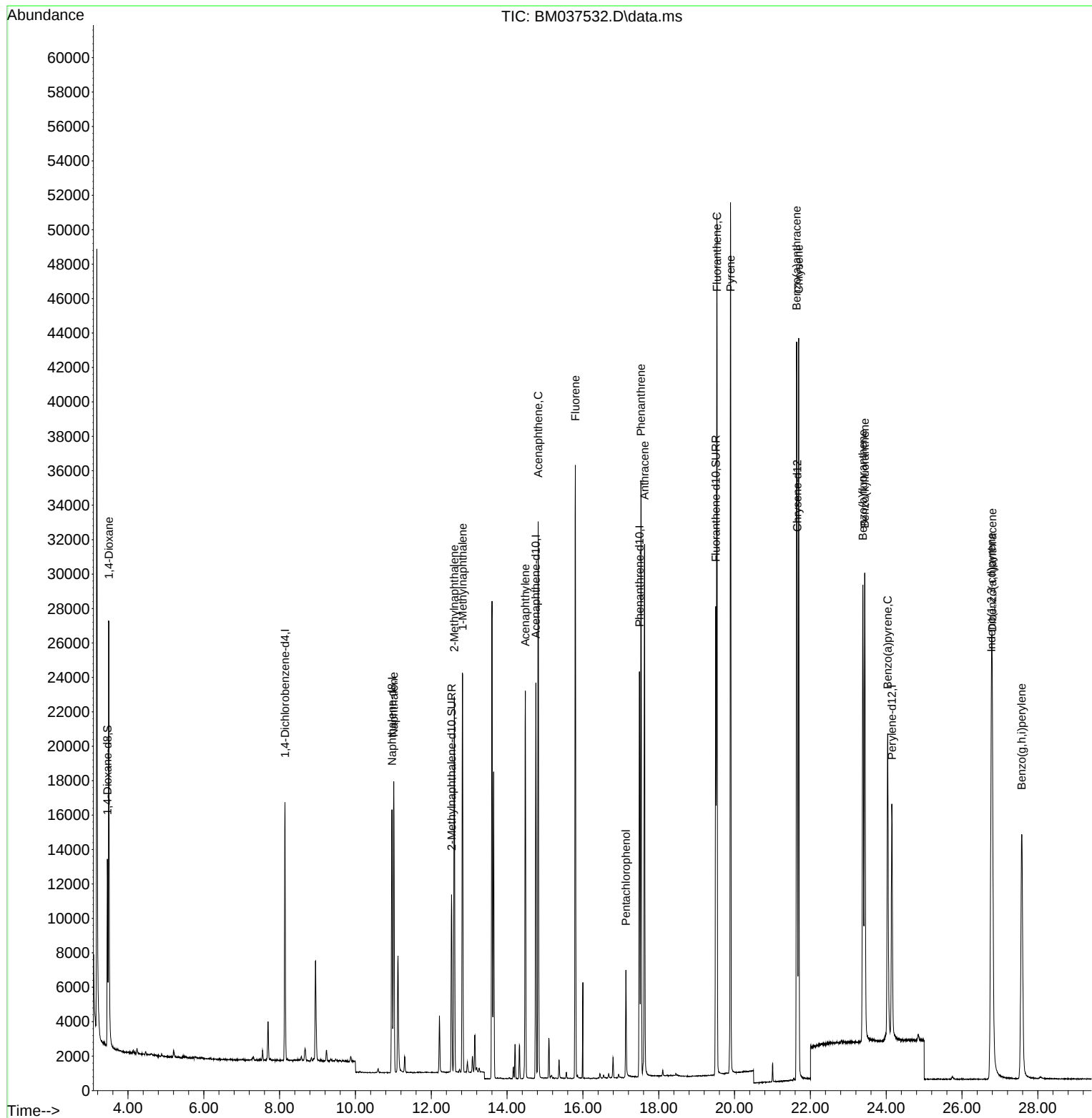
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	7257	0.400	ng/ul	0.00
4) Naphthalene-d8	10.963	136	19715	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.760	164	11991	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.490	188	26738	0.400	ng/ul	0.00
17) Chrysene-d12	21.654	240	20356	0.400	ng/ul	0.00
23) Perylene-d12	24.151	264	19424	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	6439	0.763	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.536	152	12569	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.503	212	27823	0.414	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.495	88	15687	1.786	ng/ul#	49
5) Naphthalene	11.012	128	22679	0.379	ng/ul	98
7) 2-Methylnaphthalene	12.607	142	14765	0.363	ng/ul	99
8) 1-Methylnaphthalene	12.827	142	15801	0.379	ng/ul	100
10) Acenaphthylene	14.482	152	24049	0.361	ng/ul	100
11) Acenaphthene	14.820	153	18230	0.392	ng/ul	98
12) Fluorene	15.801	166	21403	0.382	ng/ul	99
14) Pentachlorophenol	17.136	266	4110	0.685	ng/ul	100
15) Phenanthrene	17.533	178	35959	0.393	ng/ul	100
16) Anthracene	17.626	178	32809	0.372	ng/ul	99
19) Fluoranthene	19.535	202	40615	0.414	ng/ul	98
20) Pyrene	19.893	202	41072	0.402	ng/ul	97
21) Benzo(a)anthracene	21.637	228	35099	0.386	ng/ul	100
22) Chrysene	21.692	228	37294	0.413	ng/ul	100
24) Benzo(b)fluoranthene	23.385	252	37187	0.420	ng/ul	99
25) Benzo(k)fluoranthene	23.435	252	37612	0.421	ng/ul	98
26) Benzo(a)pyrene	24.040	252	30914	0.401	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.772	276	40005	0.392	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.799	278	32265	0.402	ng/ul	99
29) Benzo(g,h,i)perylene	27.574	276	33925	0.392	ng/ul	99

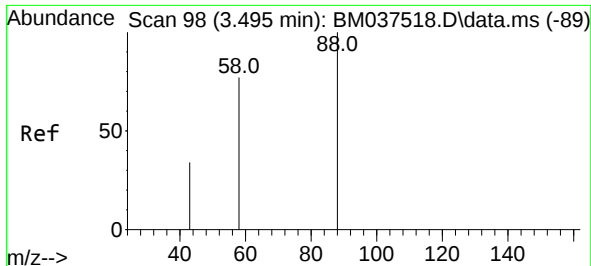
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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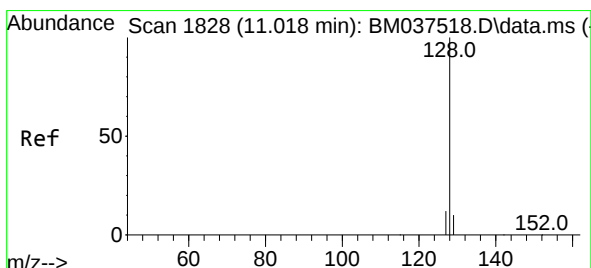
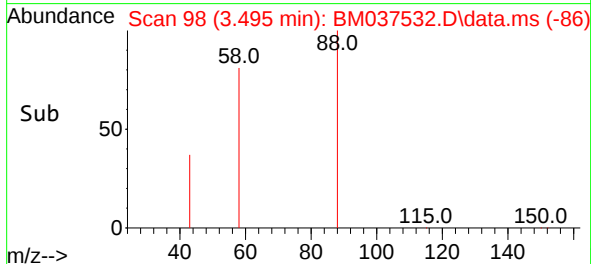
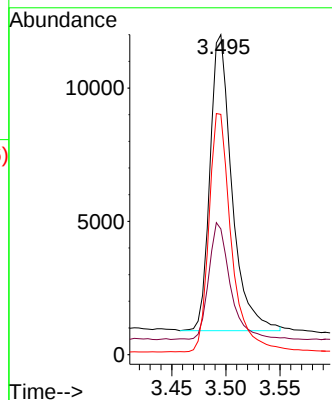
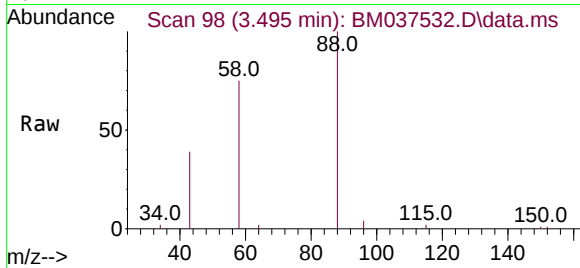




#2
1,4-Dioxane
Concen: 1.786 ng/ul
RT: 3.495 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

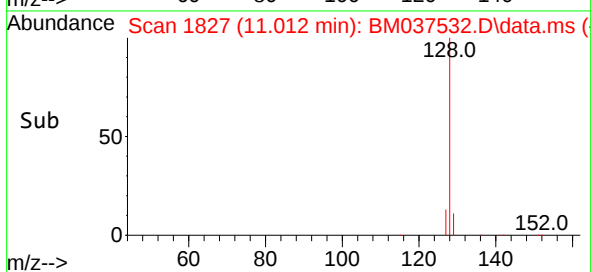
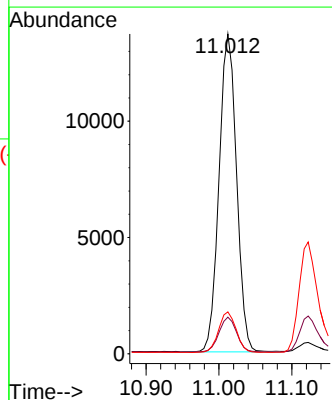
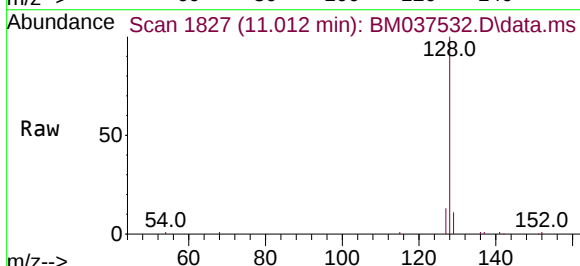
Instrument :
BNA_M
ClientSampleId :
SLCS093

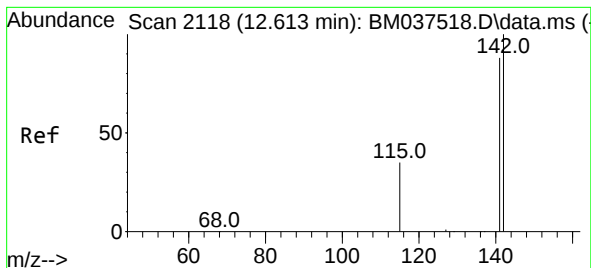
Tgt Ion: 88 Resp: 15687
Ion Ratio Lower Upper
88 100
43 39.3 102.8 154.2#
58 75.1 67.3 100.9



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 11.012 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

Tgt Ion: 128 Resp: 22679
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 13.1 11.0 16.4

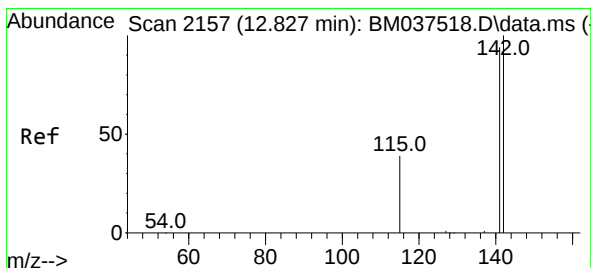
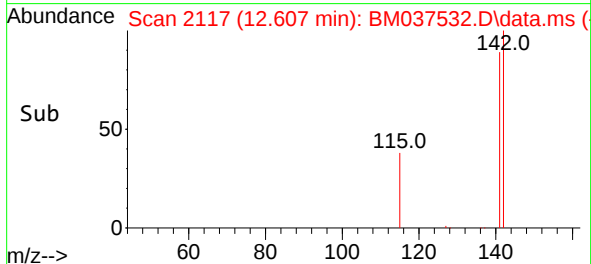
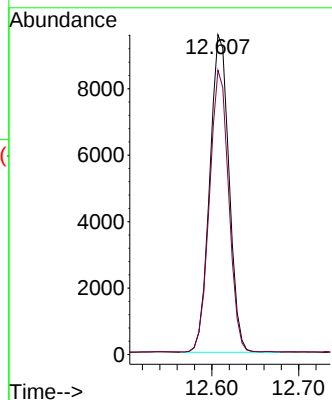
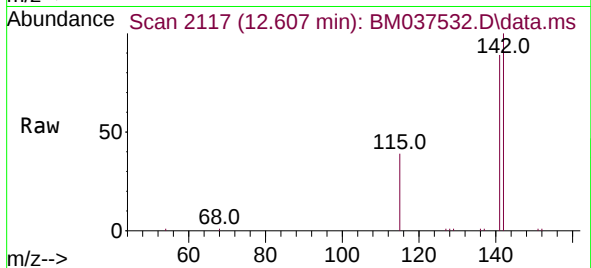




#7
2-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

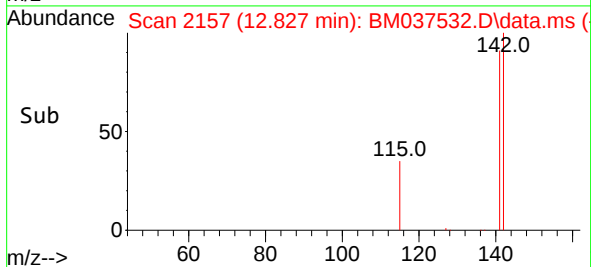
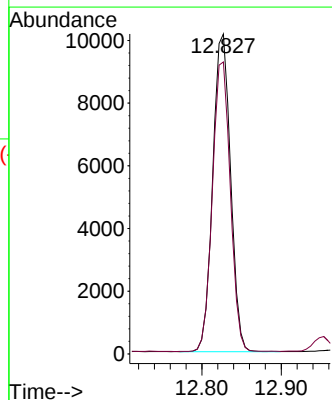
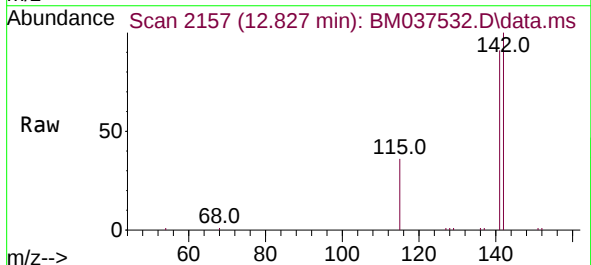
Instrument :
BNA_M
ClientSampleId :
SLCS093

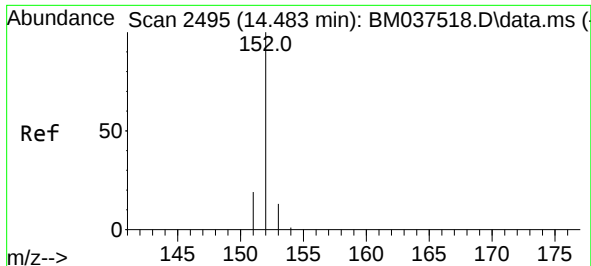
Tgt Ion:142 Resp: 14765
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.827 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

Tgt Ion:142 Resp: 15801
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0

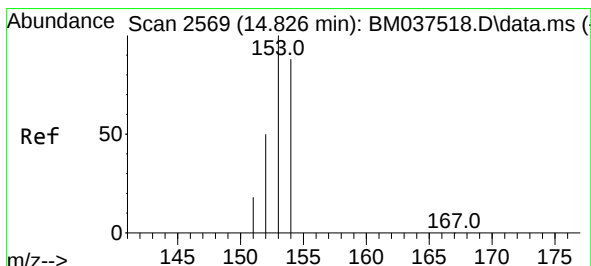
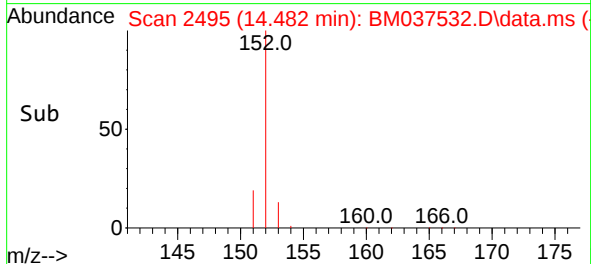
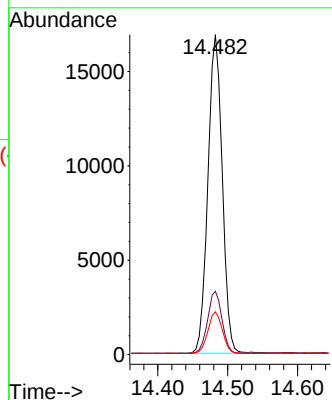
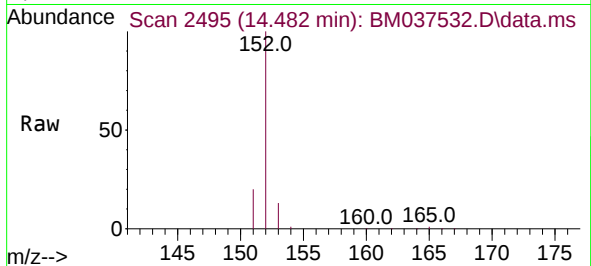




#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 14.482 min Scan# 2495
Delta R.T. -0.005 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

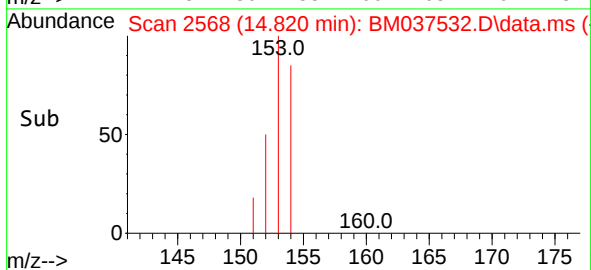
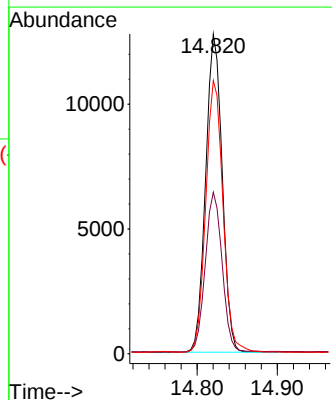
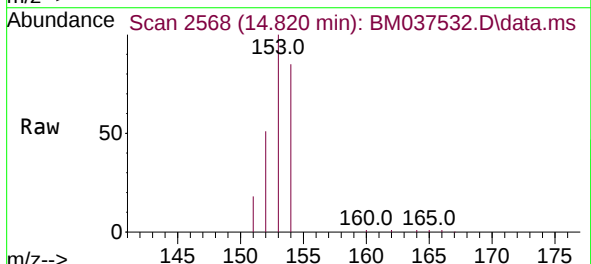
Instrument :
BNA_M
ClientSampleId :
SLCS093

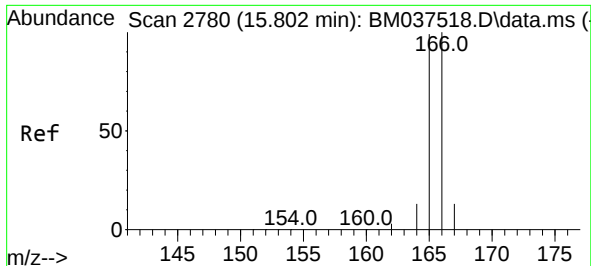
Tgt Ion:	152	Resp:	24049
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	13.4	11.0	16.4



#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.820 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

Tgt Ion:	153	Resp:	18230
Ion Ratio	Lower	Upper	
153	100		
152	50.5	39.4	59.0
154	85.4	69.5	104.3

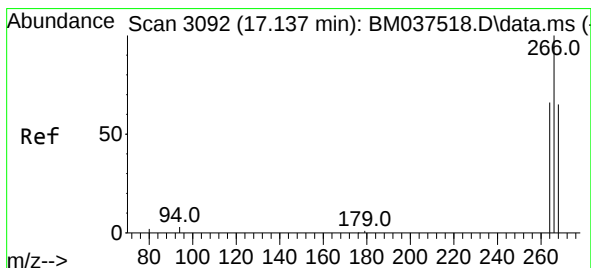
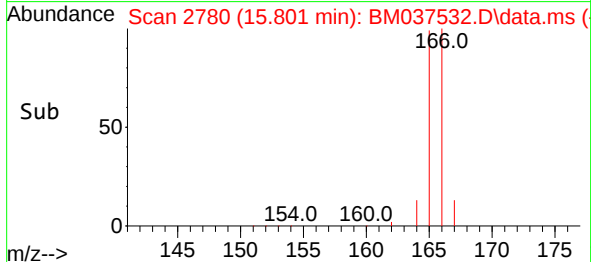
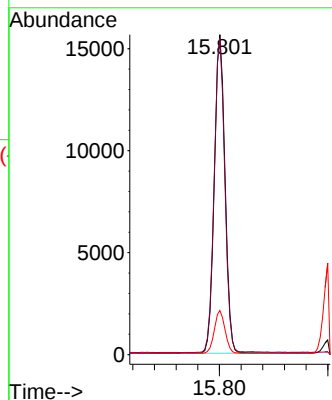
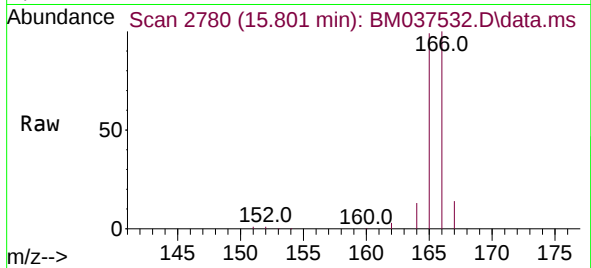




#12
Fluorene
Concen: 0.382 ng/ul
RT: 15.801 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

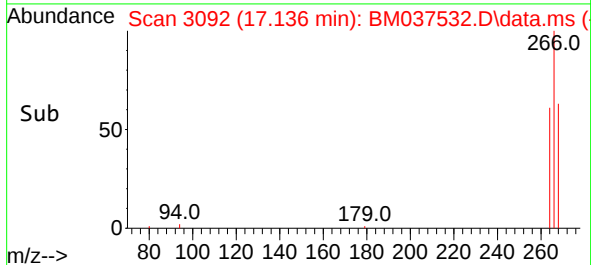
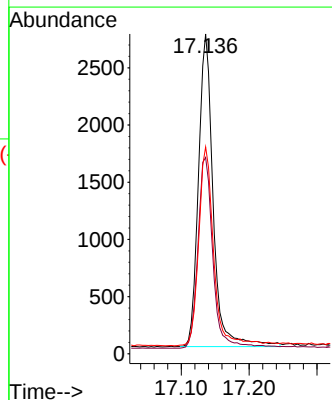
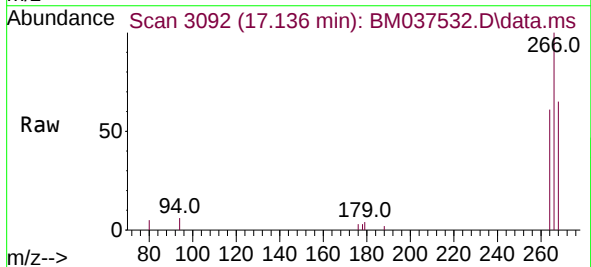
Instrument :
BNA_M
ClientSampleId :
SLCS093

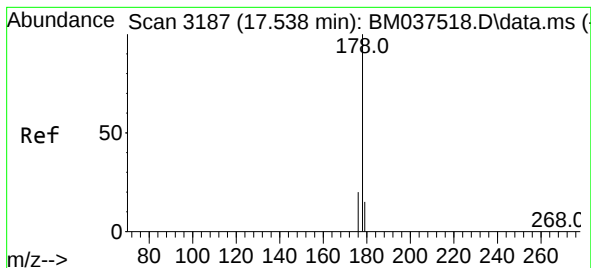
Tgt Ion:166 Resp: 21403
Ion Ratio Lower Upper
166 100
165 99.0 78.7 118.1
167 13.8 11.3 16.9



#14
Pentachlorophenol
Concen: 0.685 ng/ul
RT: 17.136 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

Tgt Ion:266 Resp: 4110
Ion Ratio Lower Upper
266 100
264 62.8 50.2 75.2
268 65.4 52.0 78.0





#15

Phenanthrene

Concen: 0.393 ng/ul

RT: 17.533 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM037532.D

Acq: 17 Nov 2022 18:14

Instrument :

BNA_M

ClientSampleId :

SLCS093

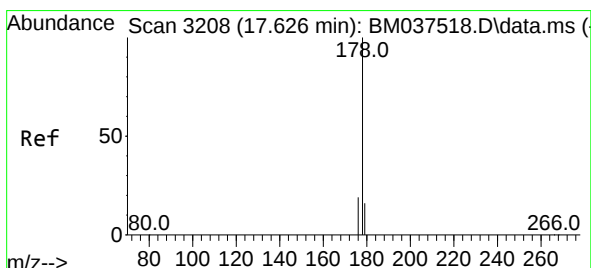
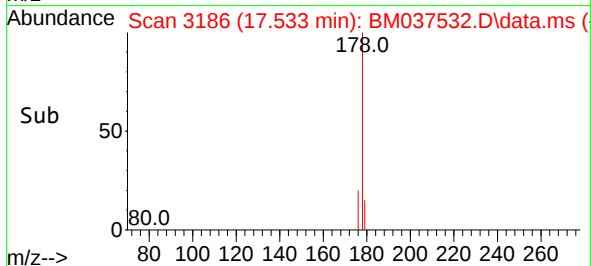
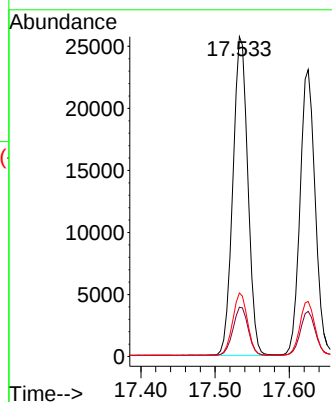
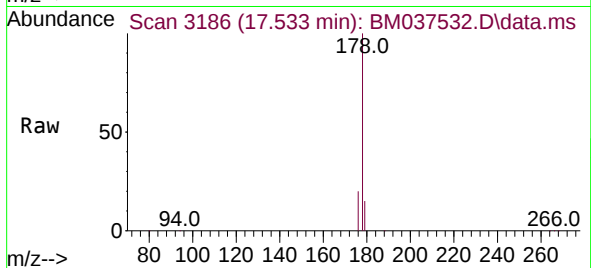
Tgt Ion:178 Resp: 35959

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 19.9 16.0 24.0



#16

Anthracene

Concen: 0.372 ng/ul

RT: 17.626 min Scan# 3208

Delta R.T. -0.004 min

Lab File: BM037532.D

Acq: 17 Nov 2022 18:14

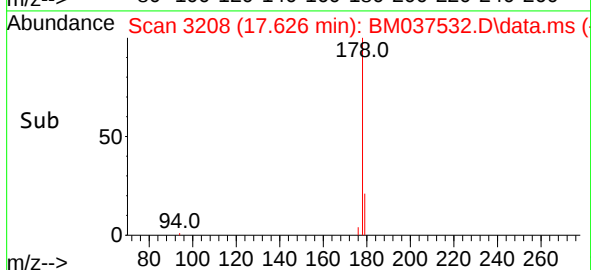
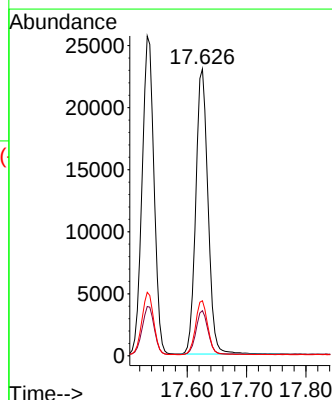
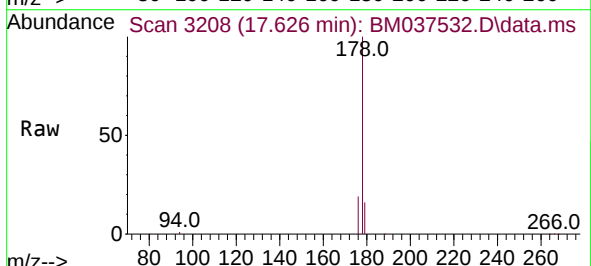
Tgt Ion:178 Resp: 32809

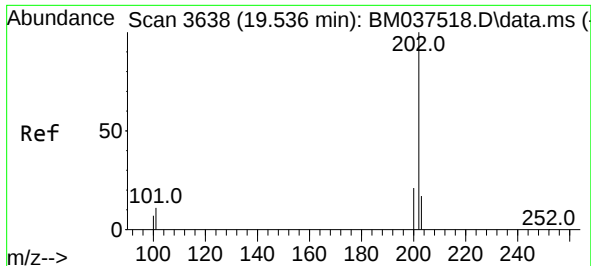
Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

176 19.2 15.0 22.6

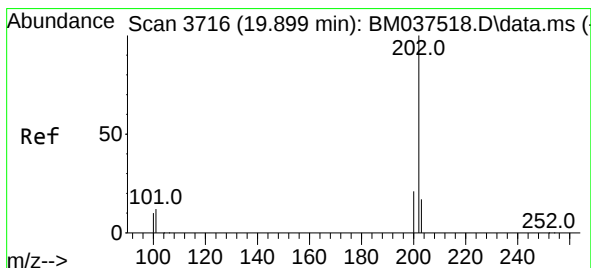
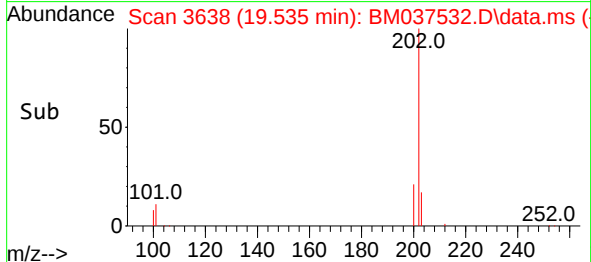
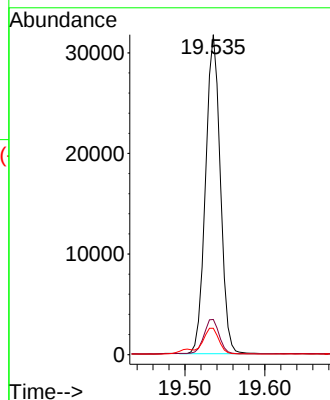
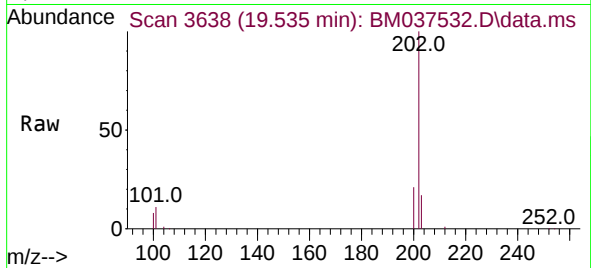




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.535 min Scan# 3638
Delta R.T. -0.005 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

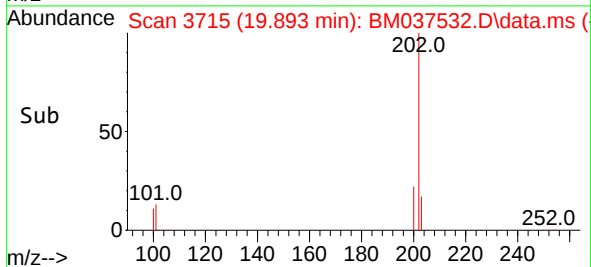
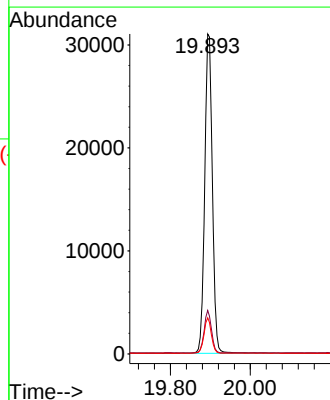
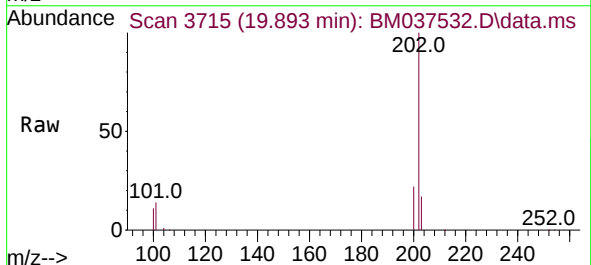
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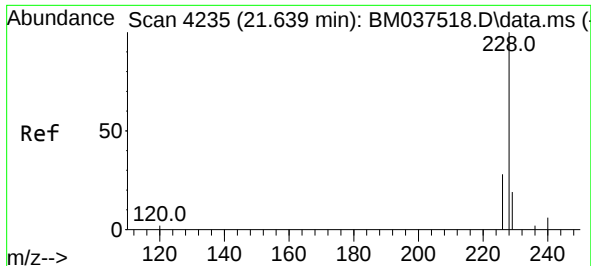
Tgt Ion:202 Resp: 40615
Ion Ratio Lower Upper
202 100
101 11.0 8.2 12.2
100 8.2 6.1 9.1



#20
Pyrene
Concen: 0.402 ng/ul
RT: 19.893 min Scan# 3715
Delta R.T. -0.005 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

Tgt Ion:202 Resp: 41072
Ion Ratio Lower Upper
202 100
101 13.6 10.1 15.1
100 11.3 8.0 12.0

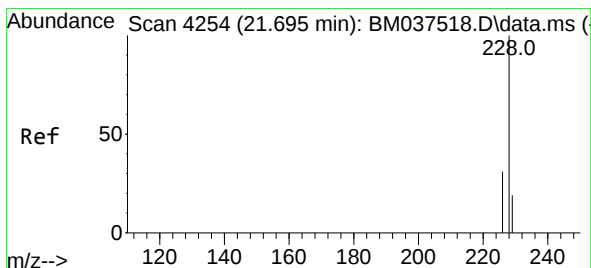
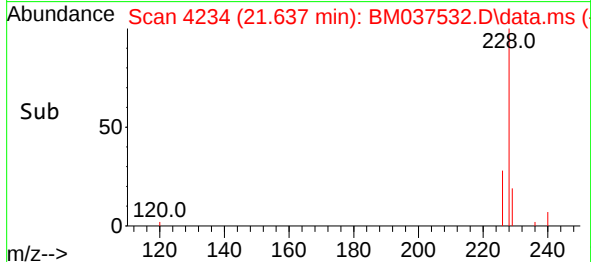
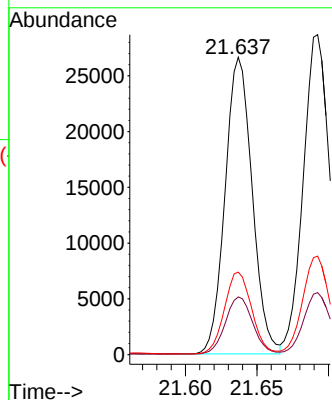
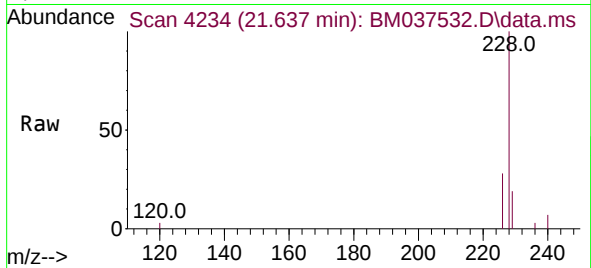




#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.637 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

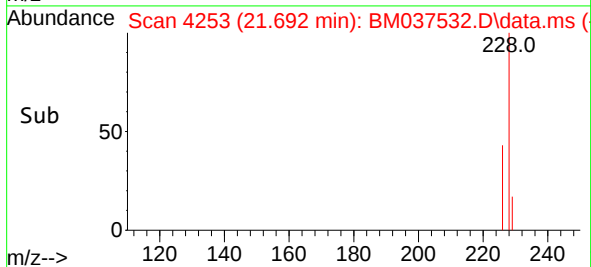
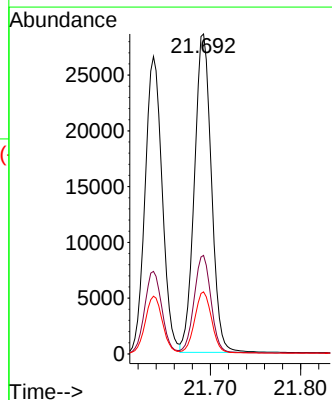
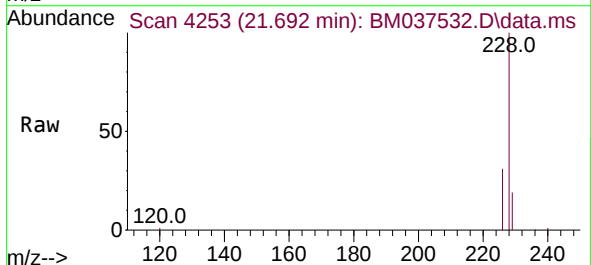
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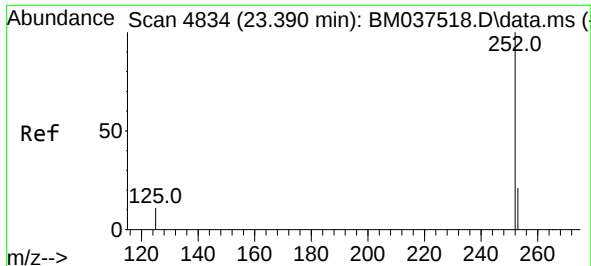
Tgt Ion:228 Resp: 35099
Ion Ratio Lower Upper
228 100
229 19.4 15.7 23.5
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.692 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

Tgt Ion:228 Resp: 37294
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.4 15.5 23.3

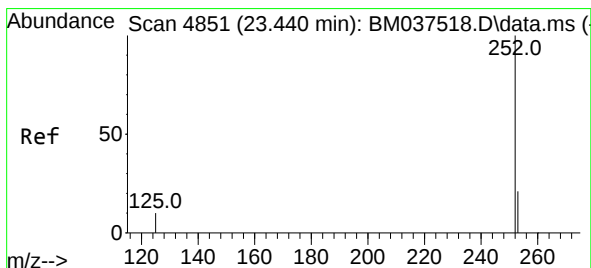
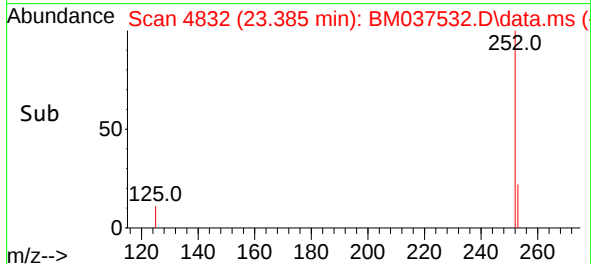
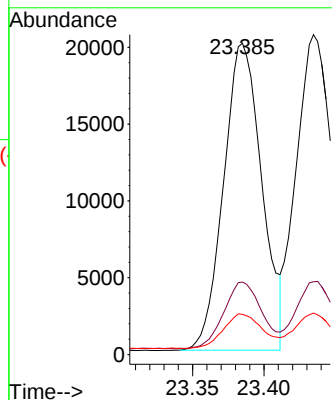
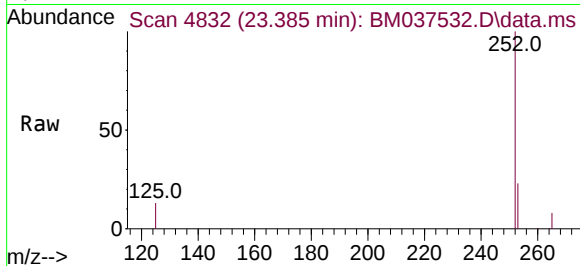




#24
Benzo(b)fluoranthene
Concen: 0.420 ng/ul
RT: 23.385 min Scan# 4832
Delta R.T. -0.003 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

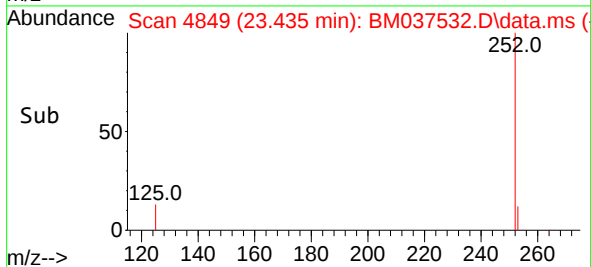
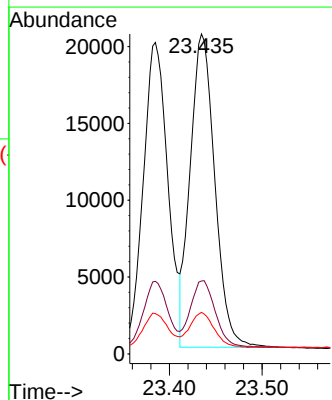
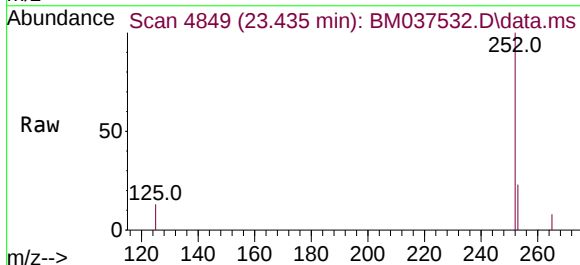
Instrument :
BNA_M
ClientSampleId :
SLCS093

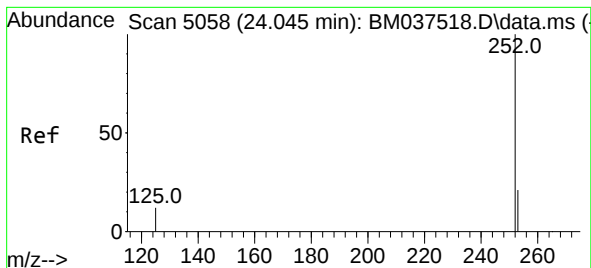
Tgt Ion:252 Resp: 37187
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.2
125 12.9 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 23.435 min Scan# 4849
Delta R.T. -0.003 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

Tgt Ion:252 Resp: 37612
Ion Ratio Lower Upper
252 100
253 22.8 18.8 28.2
125 13.0 9.8 14.6





#26

Benzo(a)pyrene

Concen: 0.401 ng/ul

RT: 24.040 min Scan# 5058

Delta R.T. -0.003 min

Lab File: BM037532.D

Acq: 17 Nov 2022 18:14

Instrument :

BNA_M

ClientSampleId :

SLCS093

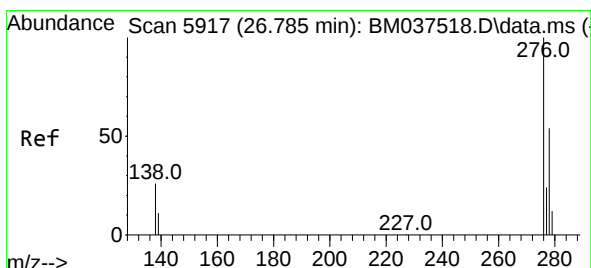
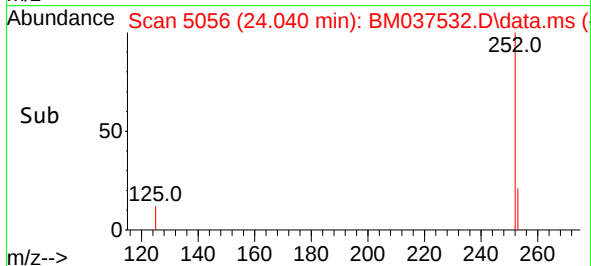
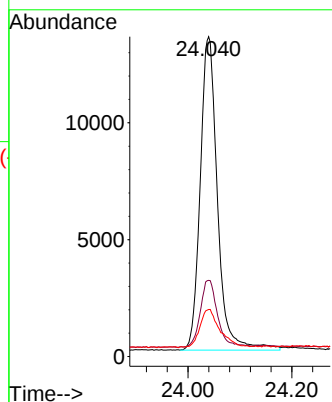
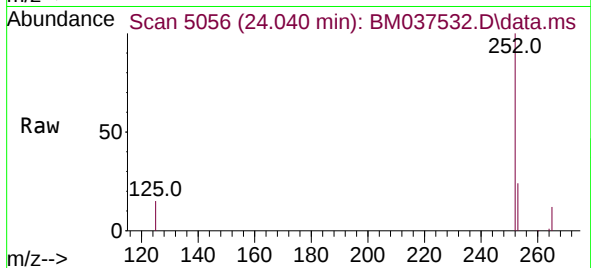
Tgt Ion:252 Resp: 30914

Ion Ratio Lower Upper

252 100

253 23.8 18.8 28.2

125 14.7 10.5 15.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng/ul

RT: 26.772 min Scan# 5913

Delta R.T. -0.006 min

Lab File: BM037532.D

Acq: 17 Nov 2022 18:14

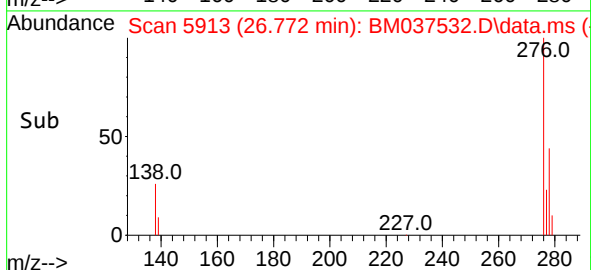
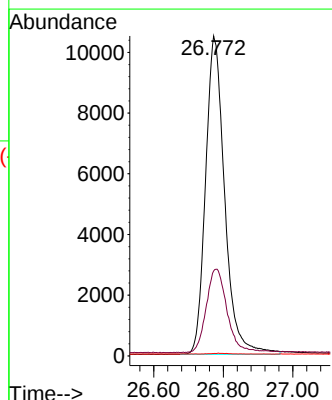
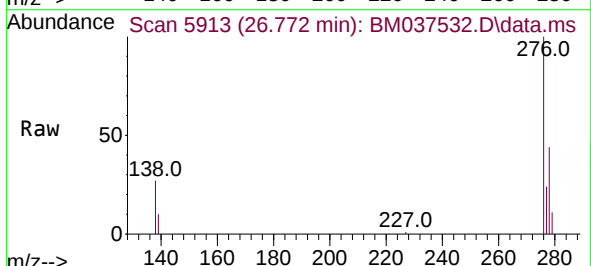
Tgt Ion:276 Resp: 40005

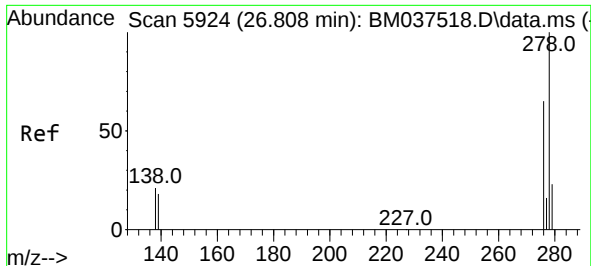
Ion Ratio Lower Upper

276 100

138 28.8 21.2 31.8

227 0.2 0.1 0.1#

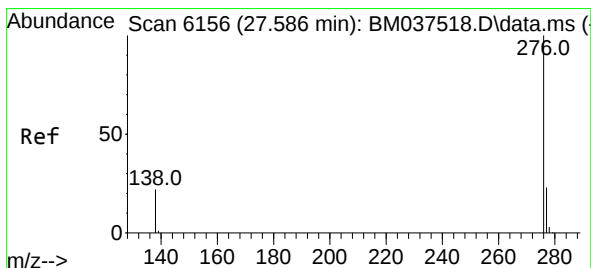
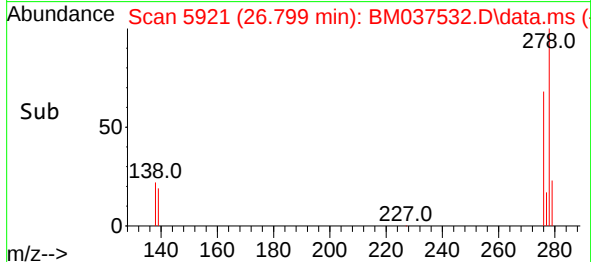
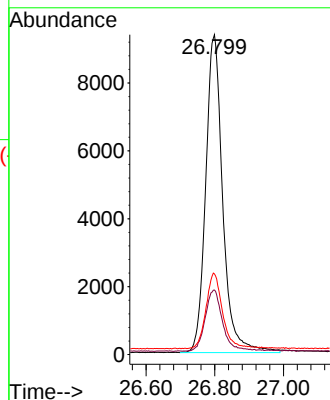
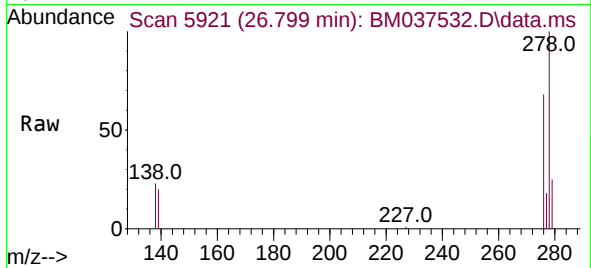




#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 26.799 min Scan# 5921
Delta R.T. -0.006 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

Instrument :
BNA_M
ClientSampleId :
SLCS093

Tgt Ion:278 Resp: 32265
Ion Ratio Lower Upper
278 100
139 20.2 15.2 22.8
279 25.2 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 27.574 min Scan# 6152
Delta R.T. -0.013 min
Lab File: BM037532.D
Acq: 17 Nov 2022 18:14

Tgt Ion:276 Resp: 33925
Ion Ratio Lower Upper
276 100
138 24.9 19.0 28.4
277 24.4 19.4 29.2

