

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100323\
 Data File : BM042156.D
 Acq On : 03 Oct 2023 10:19
 Operator : MA/JU
 Sample : PB155907BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS907

Quant Time: Oct 03 11:17:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

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

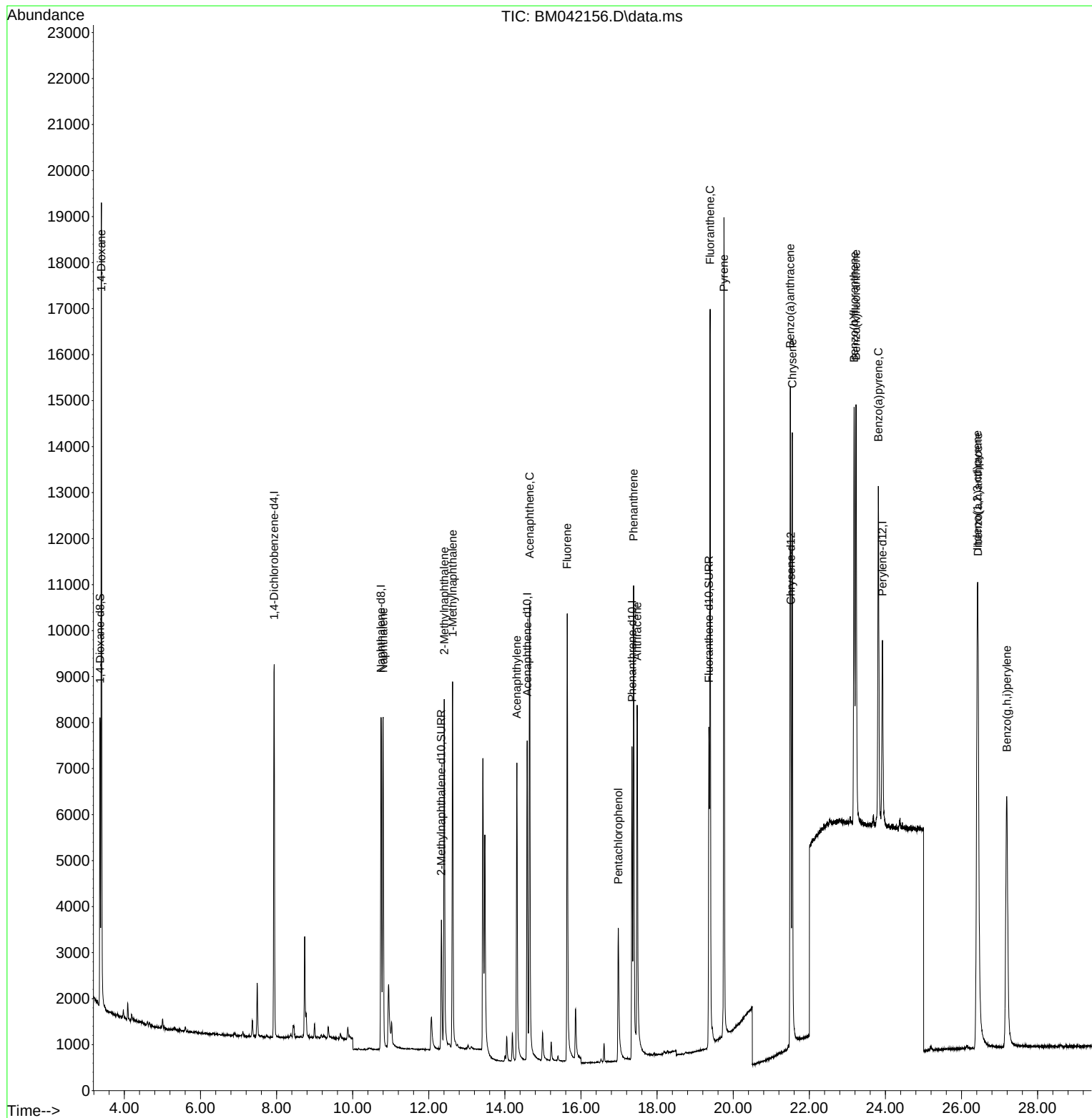
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4109	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	9689	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	4117	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	8288	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	5233	0.400	ng/ul	0.00
23) Perylene-d12	23.921	264	5851	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	3398	0.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	4266	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	7001	0.356	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.397	88	10333	1.808	ng/ul#	77
5) Naphthalene	10.801	128	10290	0.318	ng/ul	100
7) 2-Methylnaphthalene	12.407	142	6110	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	5840	0.300	ng/ul	99
10) Acenaphthylene	14.314	152	9189	0.353	ng/ul	99
11) Acenaphthene	14.647	153	6663	0.338	ng/ul	98
12) Fluorene	15.637	166	7338	0.331	ng/ul	98
14) Pentachlorophenol	16.982	266	2827	0.752	ng/ul	99
15) Phenanthrene	17.383	178	11831	0.346	ng/ul	99
16) Anthracene	17.476	178	10364	0.332	ng/ul	99
19) Fluoranthene	19.394	202	14524	0.365	ng/ul	99
20) Pyrene	19.757	202	15415	0.365	ng/ul	95
21) Benzo(a)anthracene	21.498	228	12182	0.361	ng/ul	100
22) Chrysene	21.553	228	12218	0.372	ng/ul	99
24) Benzo(b)fluoranthene	23.175	252	12258	0.355	ng/ul	97
25) Benzo(k)fluoranthene	23.228	252	12854	0.379	ng/ul	95
26) Benzo(a)pyrene	23.813	252	11726	0.394	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.414	276	15886	0.377	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.431	278	11876	0.373	ng/ul	96
29) Benzo(g,h,i)perylene	27.189	276	13337	0.379	ng/ul	97

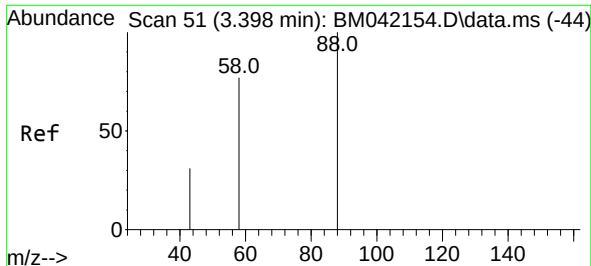
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100323\
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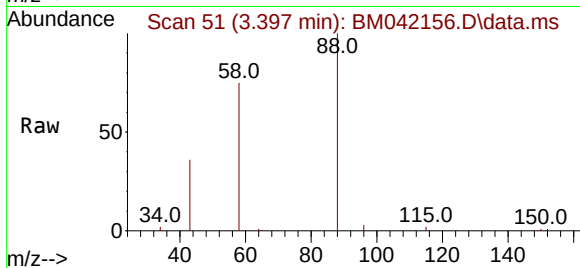
Quant Time: Oct 03 11:17:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:28:41 2023
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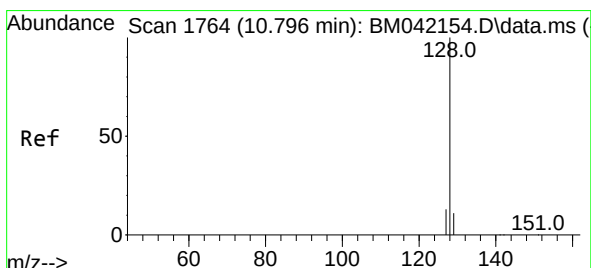
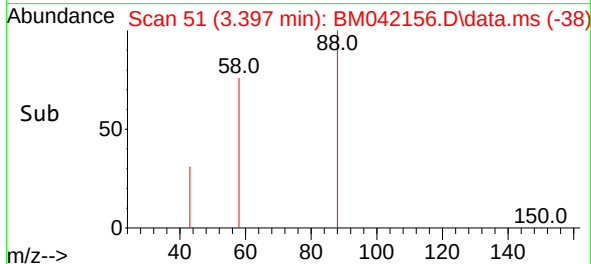
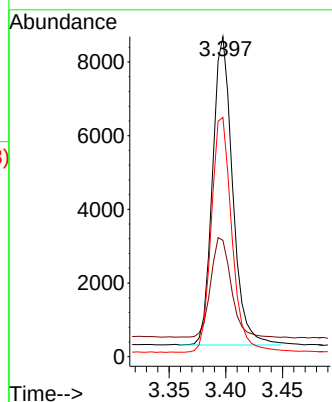


#2
1,4-Dioxane
Concen: 1.808 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

Instrument :
BNA_M
ClientSampleId :
SLCS907

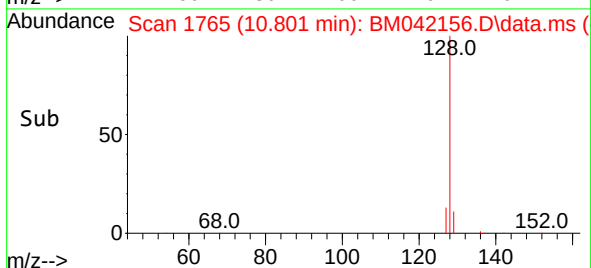
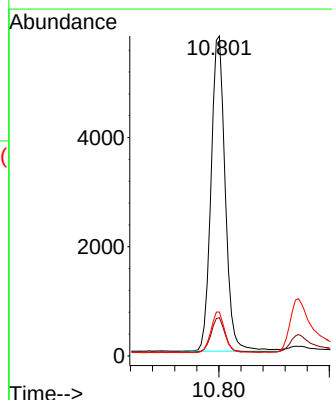
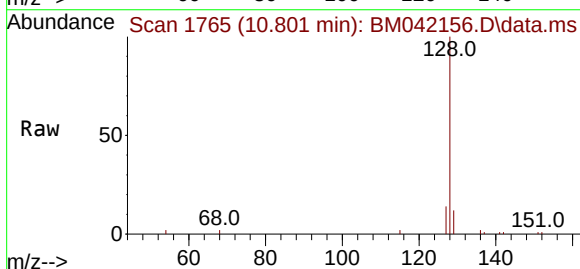


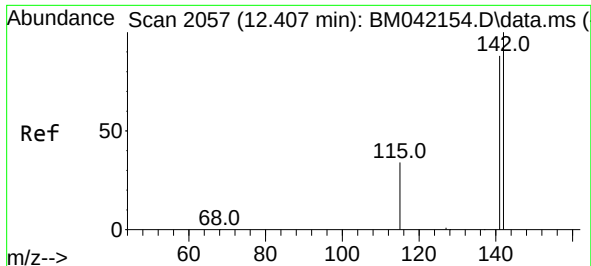
Tgt Ion: 88 Resp: 10333
Ion Ratio Lower Upper
88 100
43 36.4 52.1 78.1#
58 74.7 53.8 80.6



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.801 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

Tgt Ion: 128 Resp: 10290
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.7 11.0 16.4

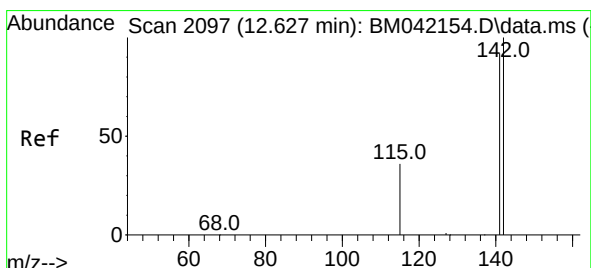
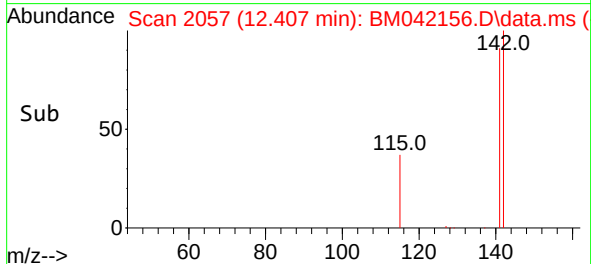
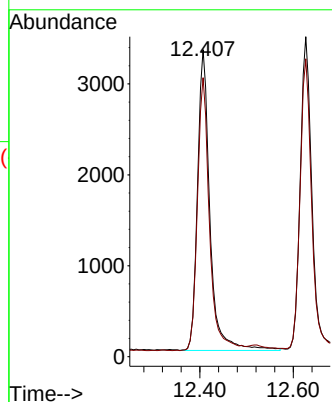
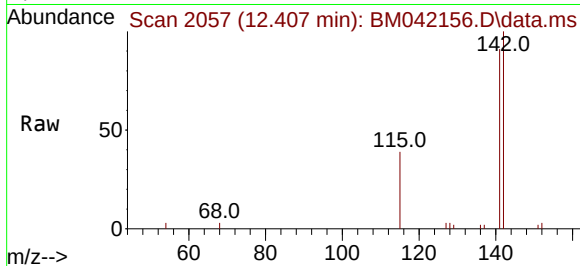




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

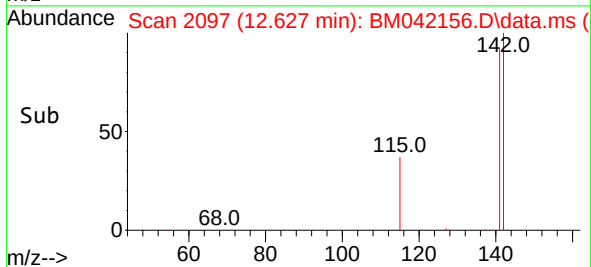
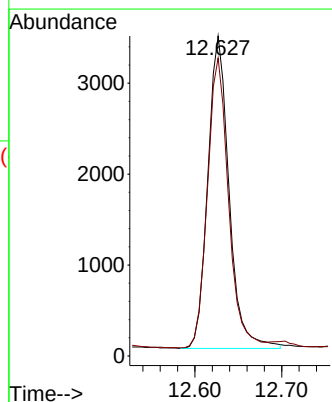
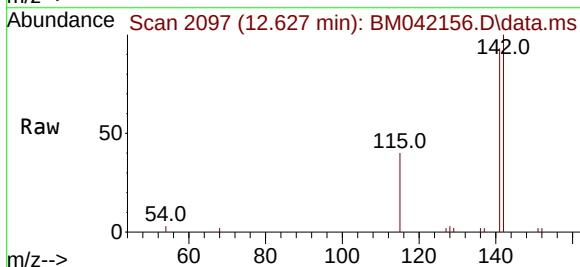
Instrument :
BNA_M
ClientSampleId :
SLCS907

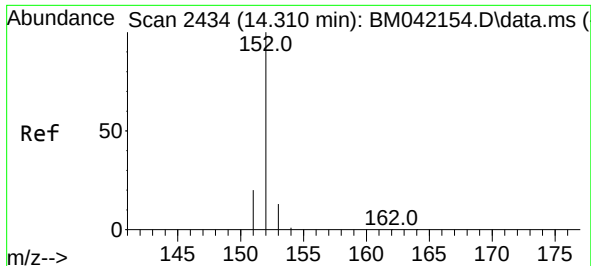
Tgt Ion:142 Resp: 6110
Ion Ratio Lower Upper
142 100
141 88.5 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

Tgt Ion:142 Resp: 5840
Ion Ratio Lower Upper
142 100
141 92.8 73.5 110.3

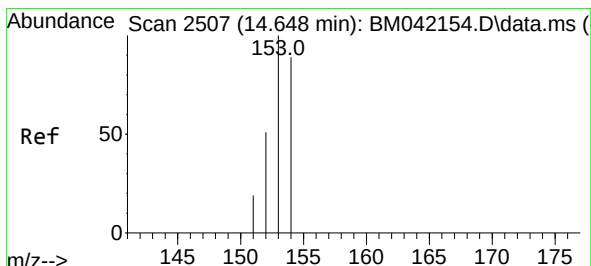
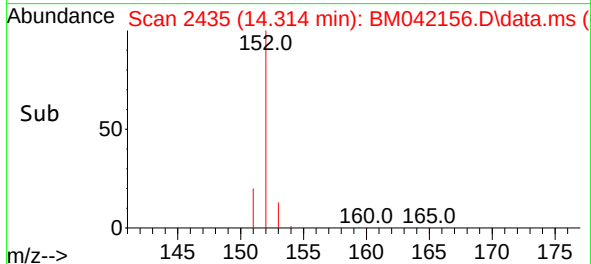
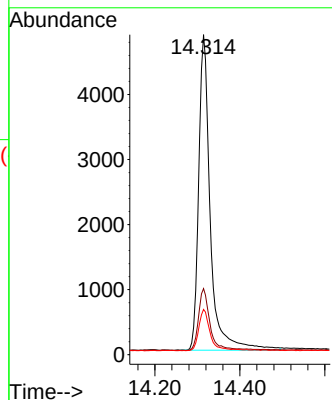
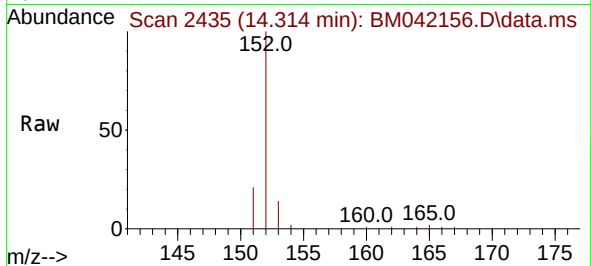




#10
Acenaphthylene
Concen: 0.353 ng/ul
RT: 14.314 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

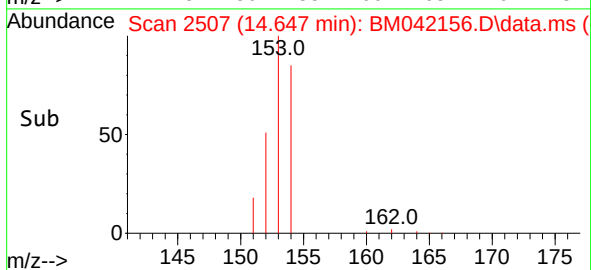
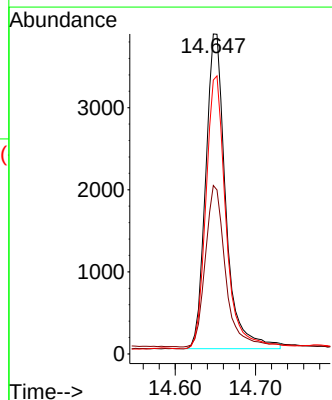
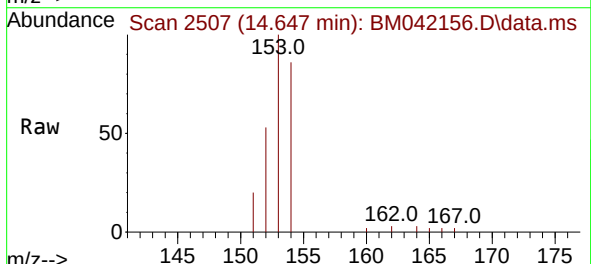
Instrument :
BNA_M
ClientSampleId :
SLCS907

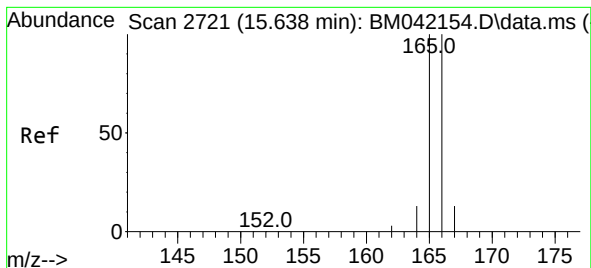
Tgt Ion:152 Resp: 9189
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.1 10.9 16.3



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.647 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

Tgt Ion:153 Resp: 6663
Ion Ratio Lower Upper
153 100
152 52.7 41.1 61.7
154 85.6 69.5 104.3





#12

Fluorene

Concen: 0.331 ng/ul

RT: 15.637 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042156.D

Acq: 03 Oct 2023 10:19

Instrument :

BNA_M

ClientSampleId :

SLCS907

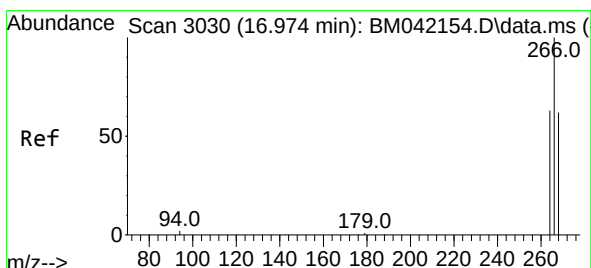
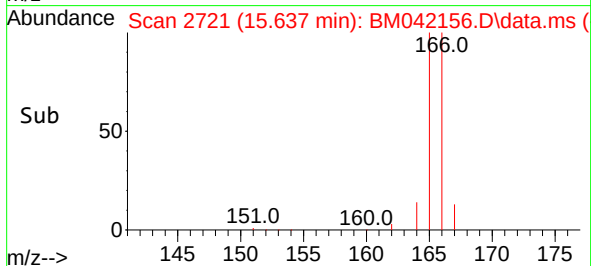
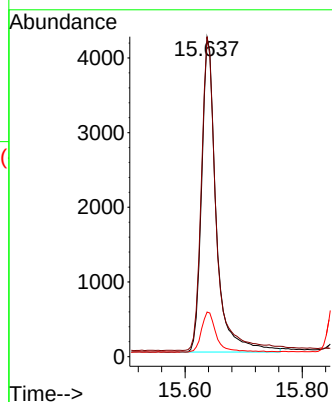
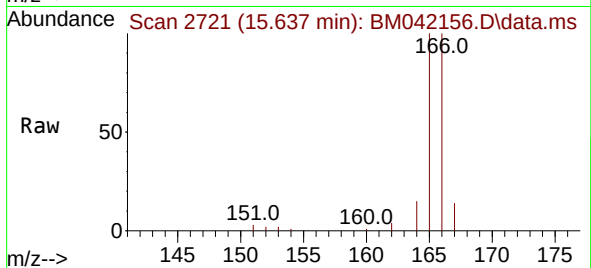
Tgt Ion:166 Resp: 7338

Ion Ratio Lower Upper

166 100

165 100.2 78.4 117.6

167 14.0 11.5 17.3



#14

Pentachlorophenol

Concen: 0.752 ng/ul

RT: 16.982 min Scan# 3032

Delta R.T. 0.004 min

Lab File: BM042156.D

Acq: 03 Oct 2023 10:19

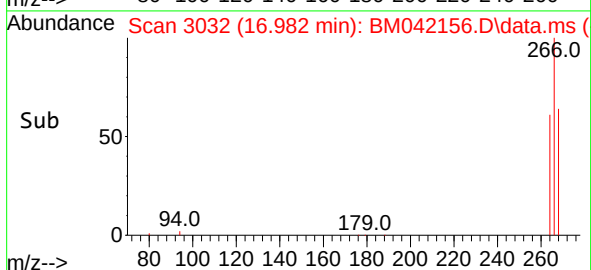
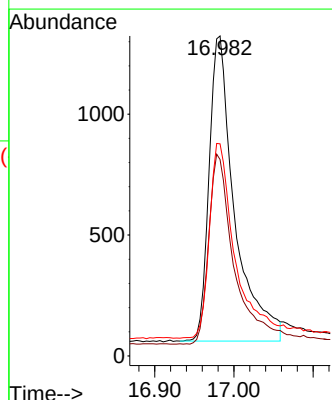
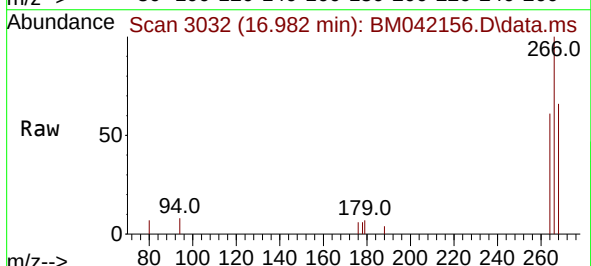
Tgt Ion:266 Resp: 2827

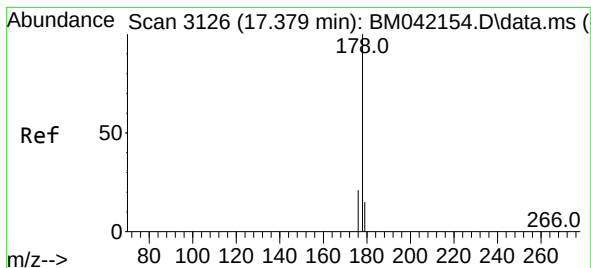
Ion Ratio Lower Upper

266 100

264 62.8 51.1 76.7

268 64.3 52.1 78.1





#15

Phenanthrene

Concen: 0.346 ng/ul

RT: 17.383 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BM042156.D

Acq: 03 Oct 2023 10:19

Instrument :

BNA_M

ClientSampleId :

SLCS907

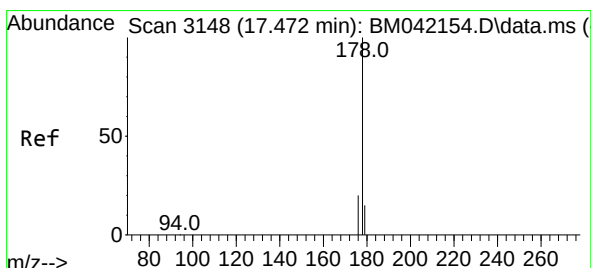
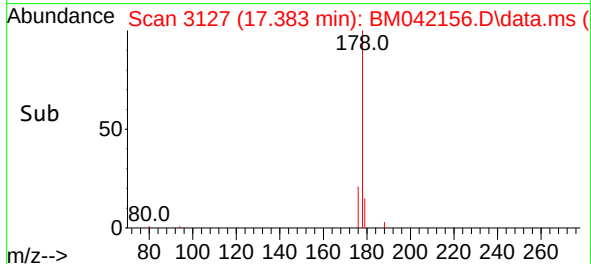
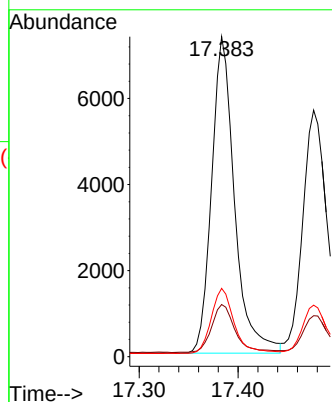
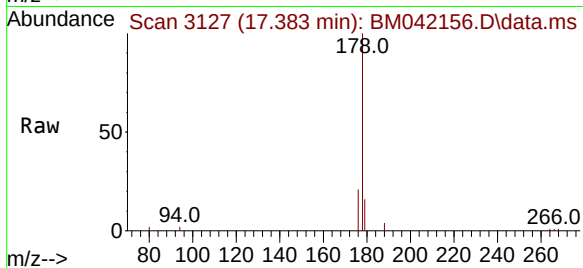
Tgt Ion:178 Resp: 11831

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.4

176 21.4 16.8 25.2



#16

Anthracene

Concen: 0.332 ng/ul

RT: 17.476 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BM042156.D

Acq: 03 Oct 2023 10:19

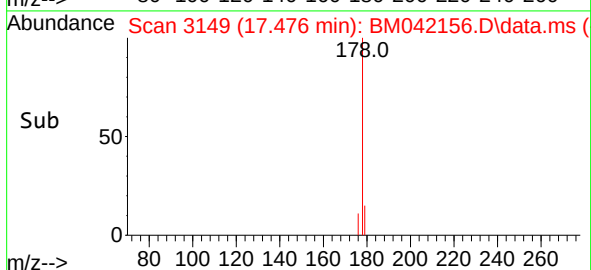
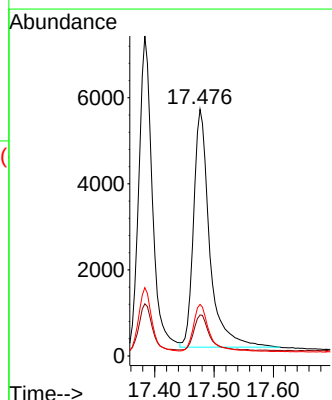
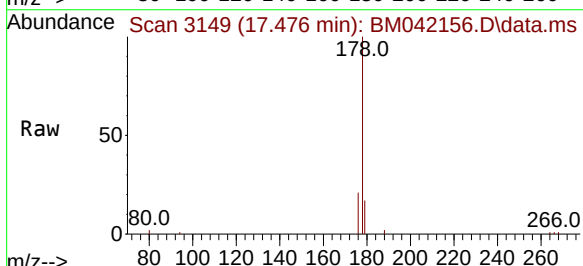
Tgt Ion:178 Resp: 10364

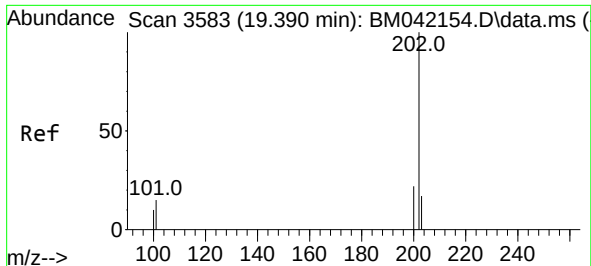
Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

176 20.9 16.3 24.5

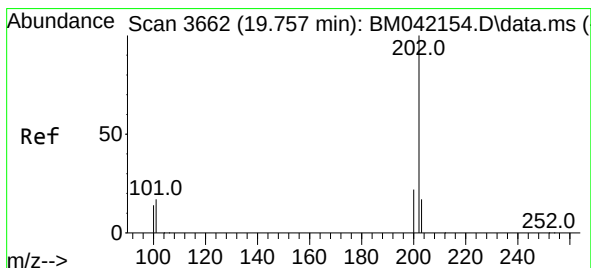
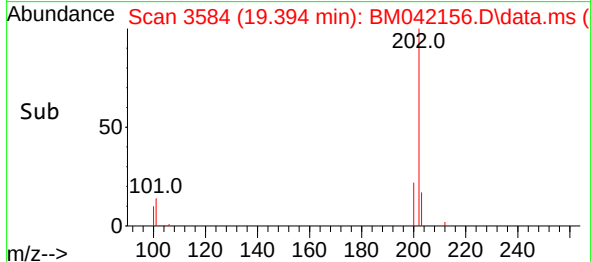
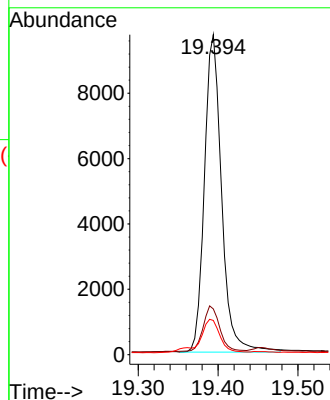
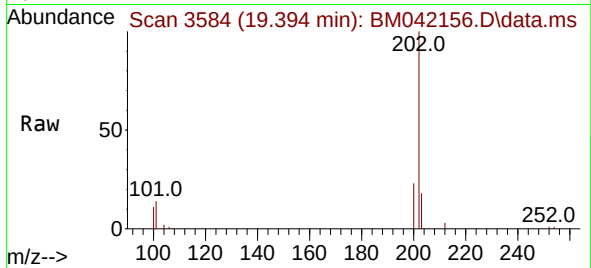




#19
Fluoranthene
Concen: 0.365 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

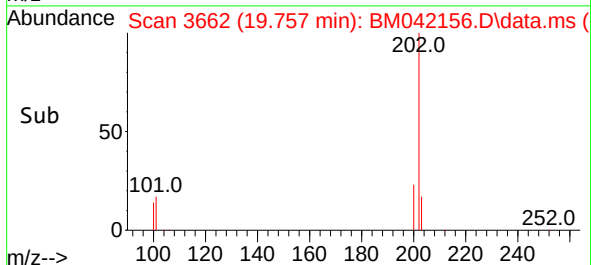
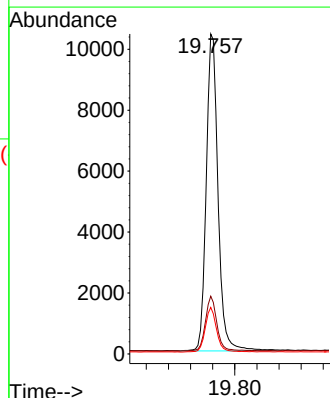
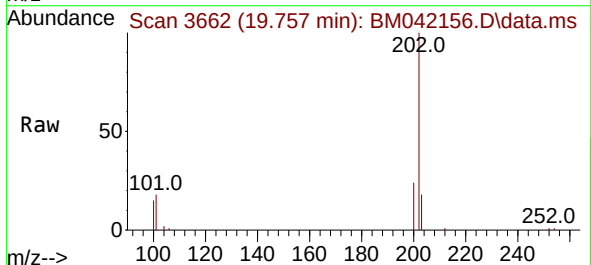
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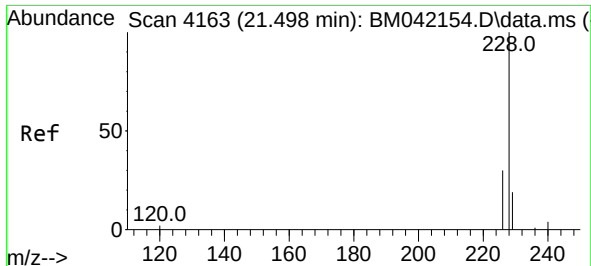
Tgt Ion:202 Resp: 14524
Ion Ratio Lower Upper
202 100
101 14.3 11.1 16.7
100 10.7 8.2 12.2



#20
Pyrene
Concen: 0.365 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

Tgt Ion:202 Resp: 15415
Ion Ratio Lower Upper
202 100
101 18.1 12.7 19.1
100 14.6 9.9 14.9

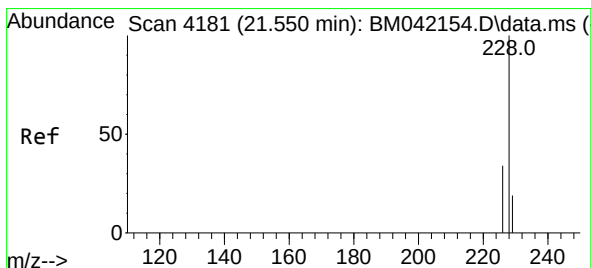
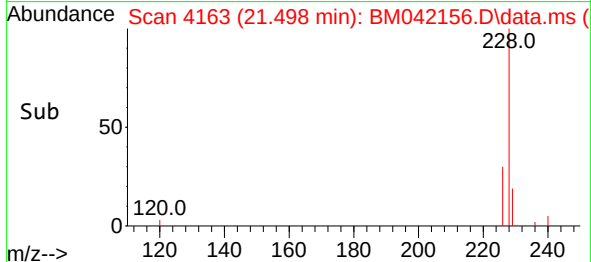
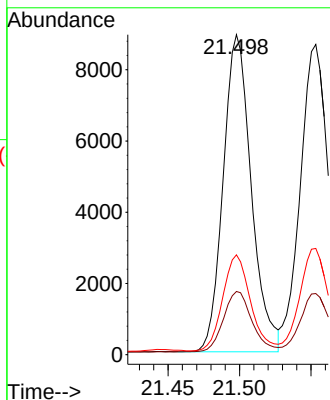
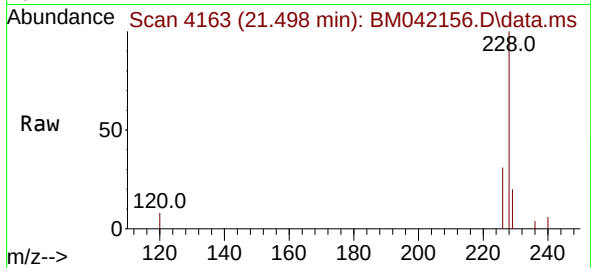




#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.000 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

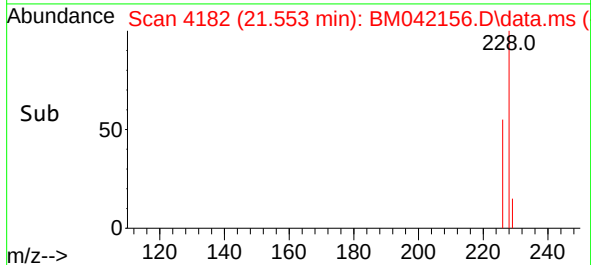
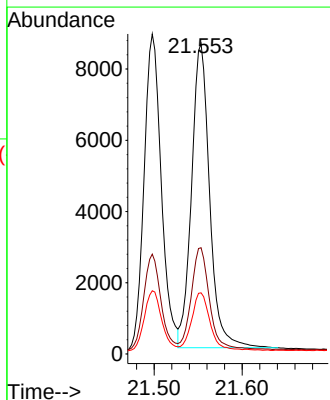
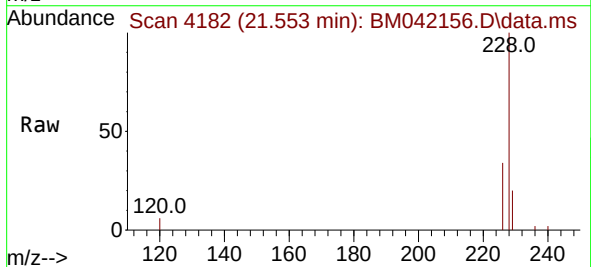
Instrument :
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ClientSampleId :
SLCS907

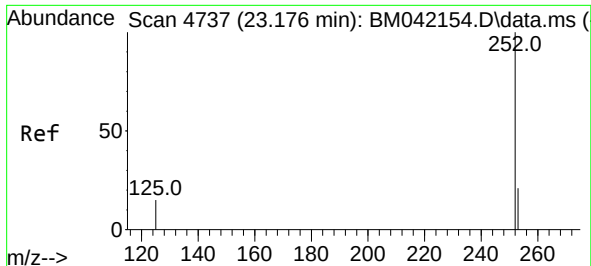
Tgt Ion:228 Resp: 12182
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 31.2 24.6 37.0



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

Tgt Ion:228 Resp: 12218
Ion Ratio Lower Upper
228 100
226 34.3 26.7 40.1
229 19.7 15.8 23.8

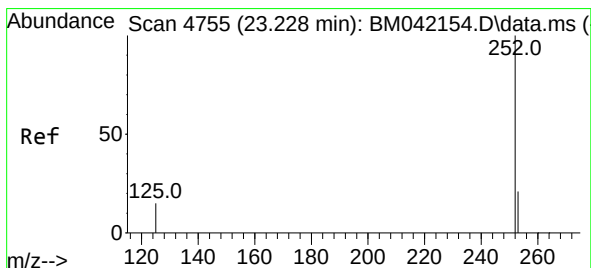
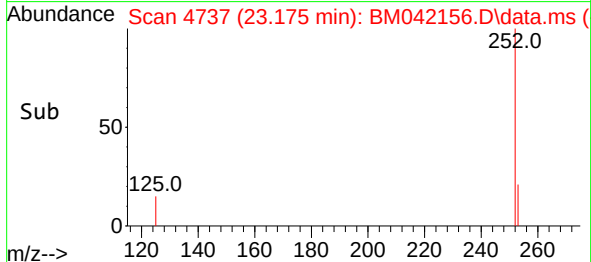
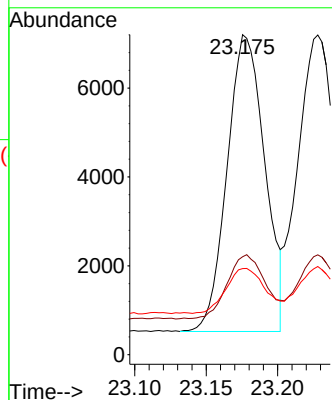
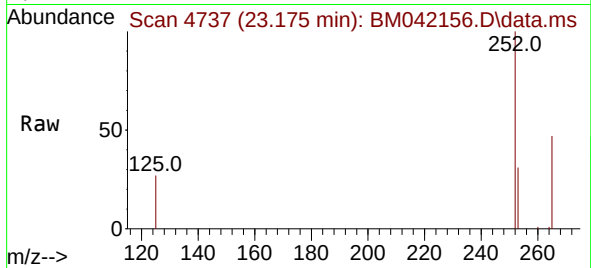




#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.175 min Scan# 4737
Delta R.T. -0.003 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

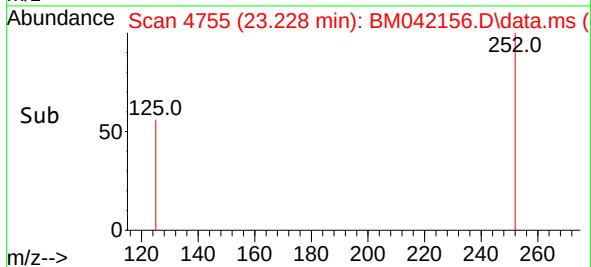
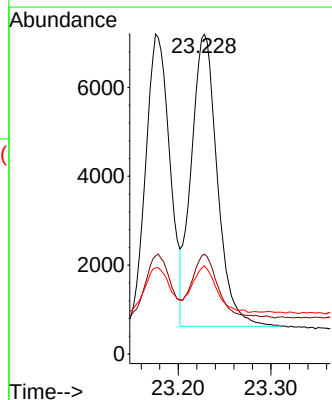
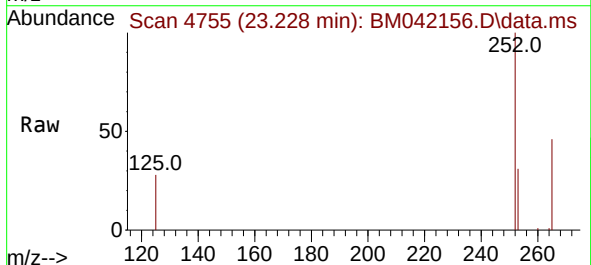
Instrument :
BNA_M
ClientSampleId :
SLCS907

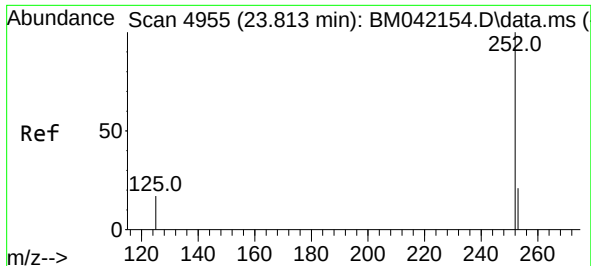
Tgt Ion:252 Resp: 12258
Ion Ratio Lower Upper
252 100
253 30.6 0.0 59.0
125 26.9 0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 23.228 min Scan# 4755
Delta R.T. -0.000 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

Tgt Ion:252 Resp: 12854
Ion Ratio Lower Upper
252 100
253 31.2 23.4 35.0
125 27.6 19.9 29.9

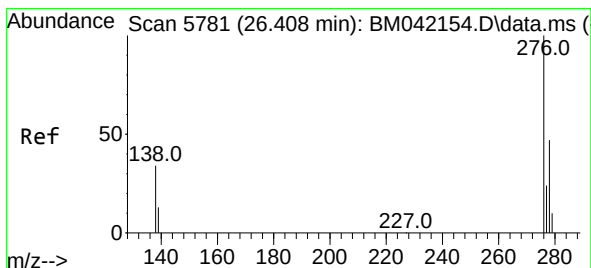
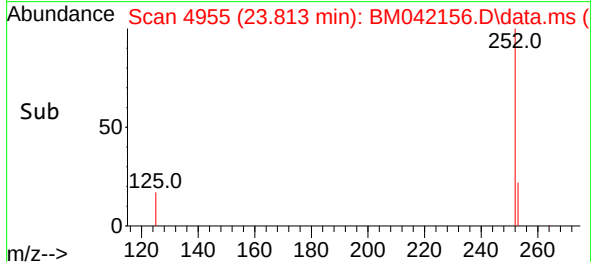
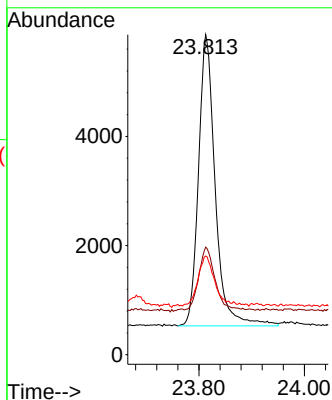
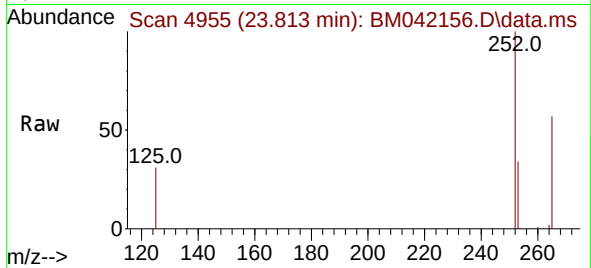




#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.813 min Scan# 4955
Delta R.T. -0.003 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

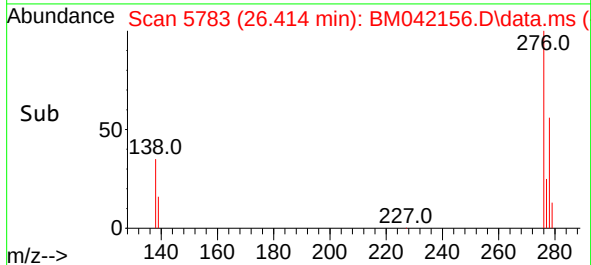
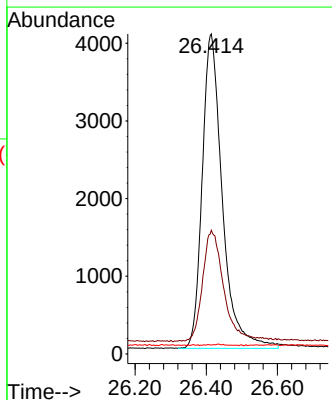
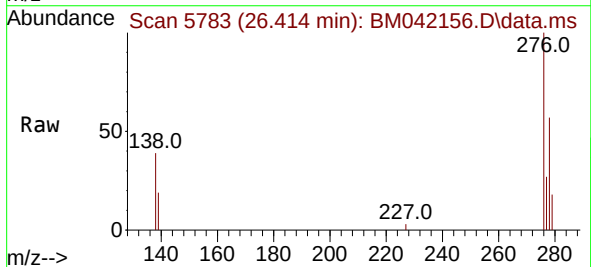
Instrument :
BNA_M
ClientSampleId :
SLCS907

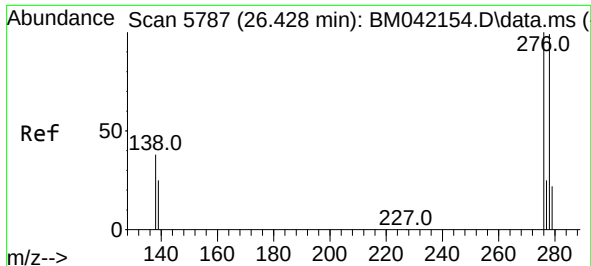
Tgt Ion:252 Resp: 11726
Ion Ratio Lower Upper
252 100
253 33.6 25.3 37.9
125 30.9 23.2 34.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/ul
RT: 26.414 min Scan# 5783
Delta R.T. -0.003 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

Tgt Ion:276 Resp: 15886
Ion Ratio Lower Upper
276 100
138 37.1 26.7 40.1
227 0.1 0.2 0.2#

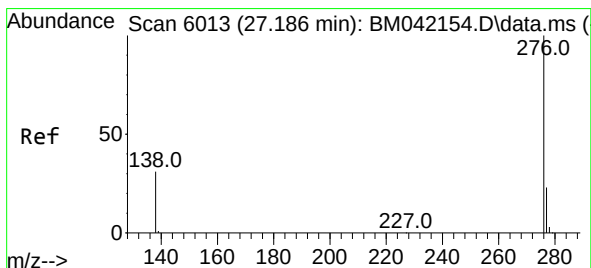
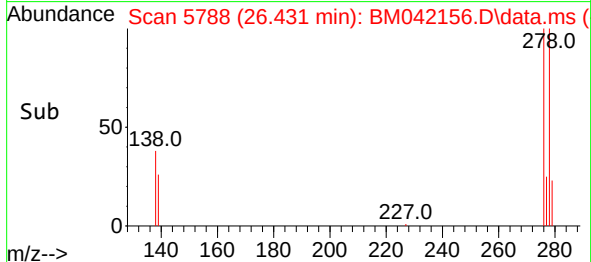
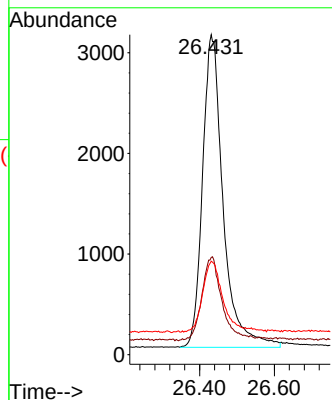
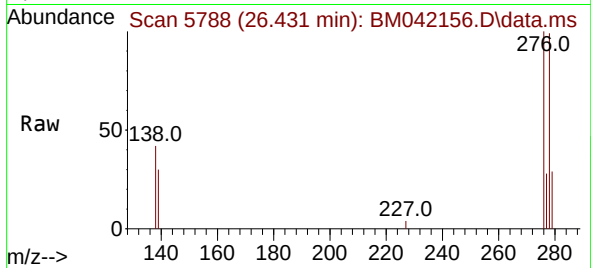




#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 26.431 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

Instrument :
BNA_M
ClientSampleId :
SLCS907

Tgt Ion:278 Resp: 11876
Ion Ratio Lower Upper
278 100
139 30.4 21.7 32.5
279 29.2 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 27.189 min Scan# 6014
Delta R.T. -0.007 min
Lab File: BM042156.D
Acq: 03 Oct 2023 10:19

Tgt Ion:276 Resp: 13337
Ion Ratio Lower Upper
276 100
138 34.9 26.8 40.2
277 26.3 20.1 30.1

