

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041637.D
 Acq On : 01 Sep 2023 04:30
 Operator : MA/JU
 Sample : PB155129BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS129

Quant Time: Sep 01 05:15:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 04:06:38 2023
 Response via : Initial Calibration

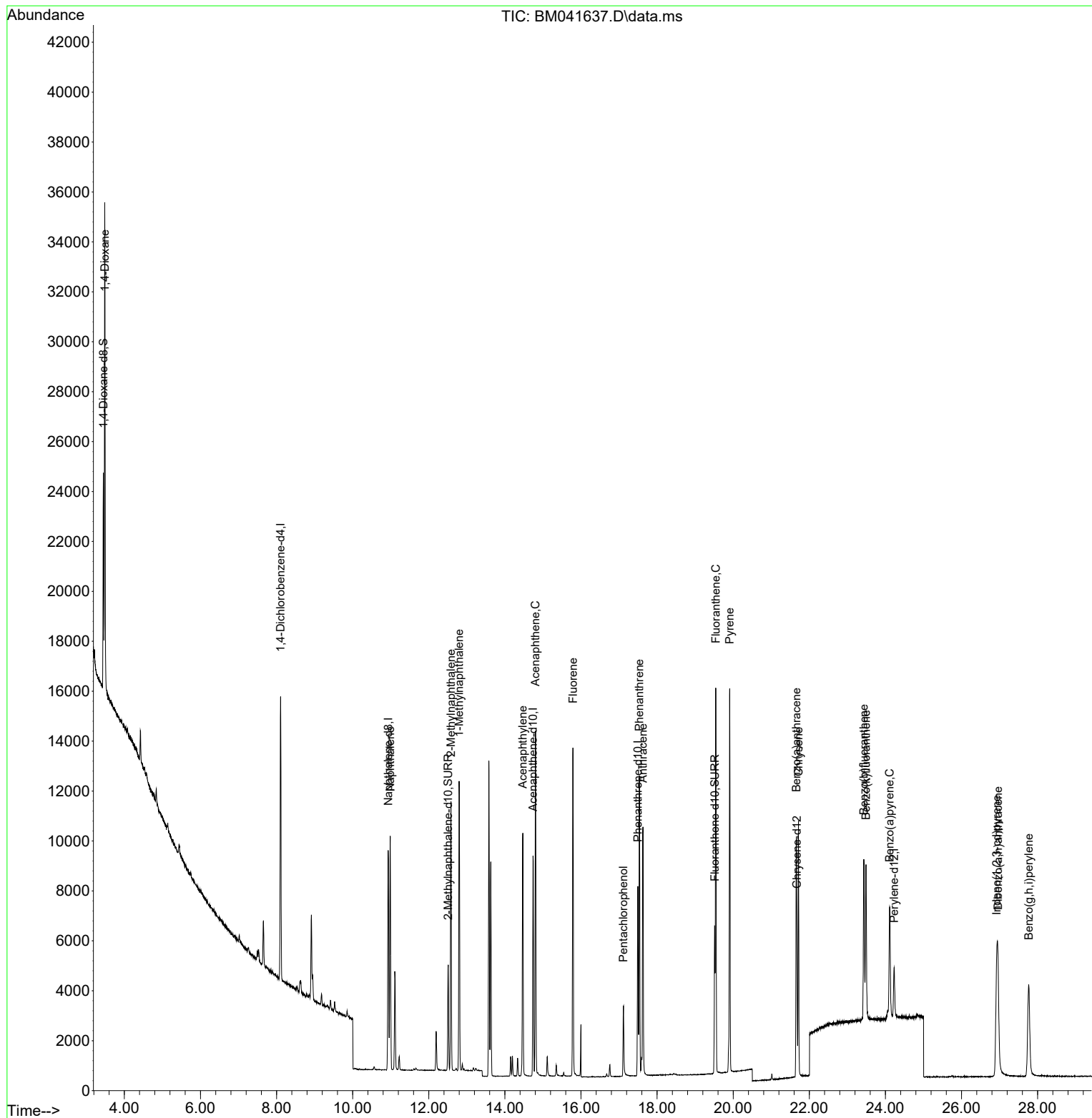
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	5595	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.933	136	11293	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.740	164	4222	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.493	188	7904	0.400	ng/ul	-0.01
17) Chrysene-d12	21.673	240	2753	0.400	ng/ul	-0.02
23) Perylene-d12	24.228	264	2955	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	4813	0.583	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	4973	0.365	ng/ul	-0.01
18) Fluoranthene-d10	19.515	212	4964	0.366	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.486	88	11677	1.326	ng/ul#	87
5) Naphthalene	10.988	128	12684	0.351	ng/ul	100
7) 2-Methylnaphthalene	12.583	142	7169	0.350	ng/ul	99
8) 1-Methylnaphthalene	12.797	142	7466	0.361	ng/ul	98
10) Acenaphthylene	14.472	152	10963	0.373	ng/ul	99
11) Acenaphthene	14.805	153	7609	0.375	ng/ul	96
12) Fluorene	15.790	166	8267	0.374	ng/ul	98
14) Pentachlorophenol	17.113	266	2043	0.673	ng/ul	99
15) Phenanthrene	17.535	178	12521	0.363	ng/ul	98
16) Anthracene	17.628	178	10835	0.361	ng/ul	99
19) Fluoranthene	19.543	202	12512	0.347	ng/ul	99
20) Pyrene	19.910	202	12332	0.340	ng/ul	99
21) Benzo(a)anthracene	21.659	228	8013	0.326	ng/ul	100
22) Chrysene	21.714	228	8729	0.331	ng/ul	98
24) Benzo(b)fluoranthene	23.433	252	8933	0.325	ng/ul	96
25) Benzo(k)fluoranthene	23.488	252	8622	0.331	ng/ul	98
26) Benzo(a)pyrene	24.111	252	7489	0.306	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.921	276	10353	0.317	ng/ul#	37
28) Dibenzo(a,h)anthracene	26.958	278	6966	0.317	ng/ul	98
29) Benzo(g,h,i)perylene	27.766	276	9144	0.334	ng/ul	97

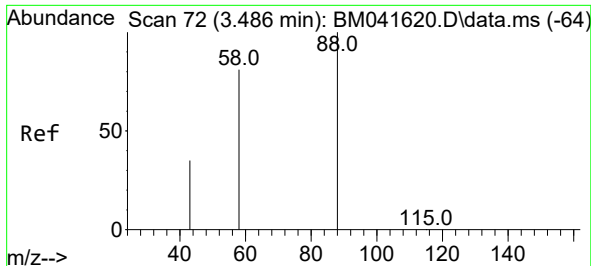
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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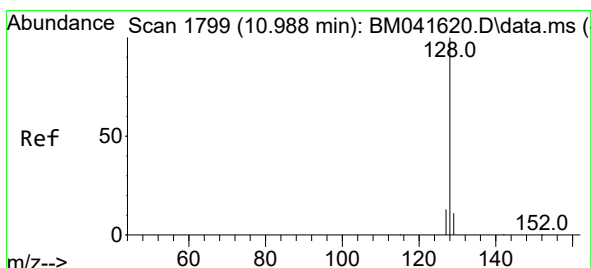
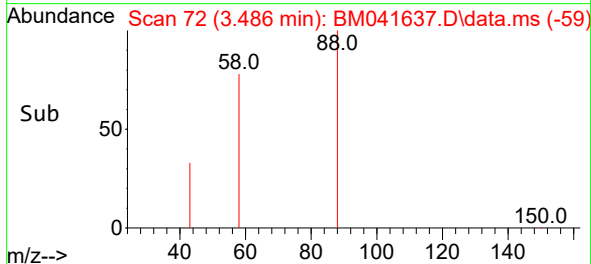
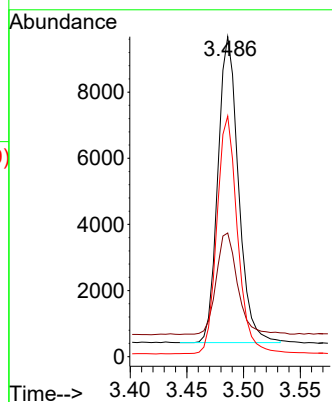
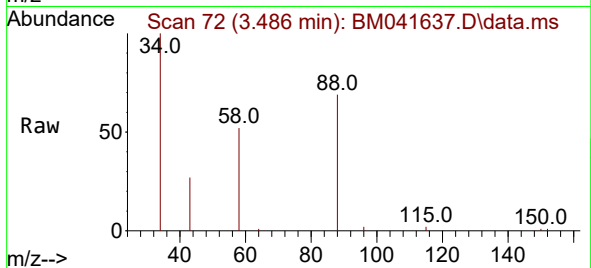




#2
1,4-Dioxane
Concen: 1.326 ng/ul
RT: 3.486 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

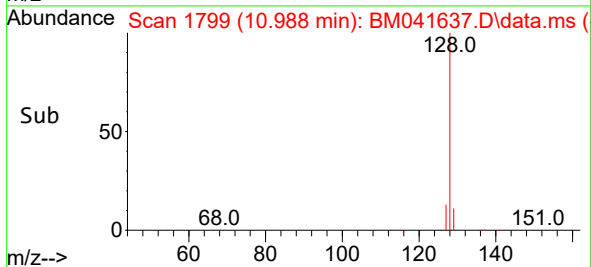
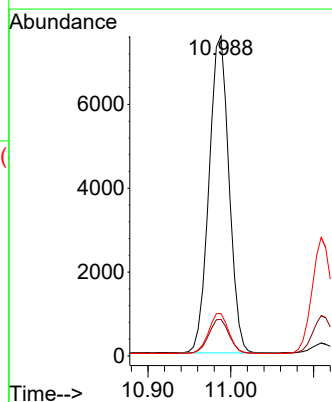
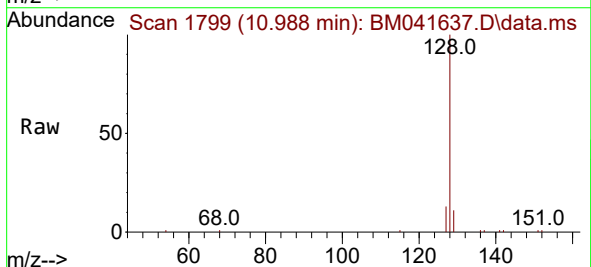
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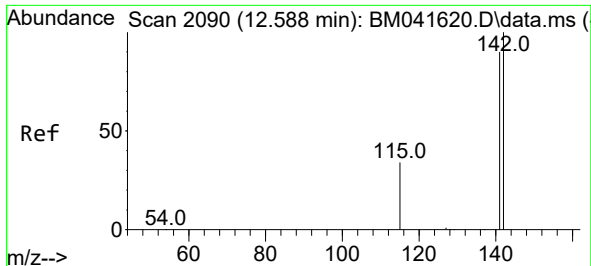
Tgt Ion: 88 Resp: 11677
Ion Ratio Lower Upper
88 100
43 38.7 46.2 69.2#
58 75.2 58.1 87.1



#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.988 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

Tgt Ion: 128 Resp: 12684
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.2 10.6 15.8

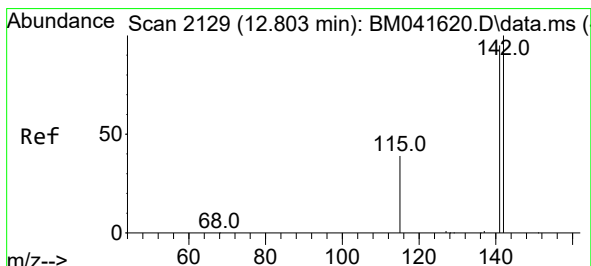
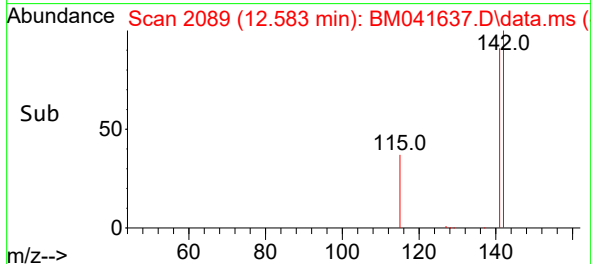
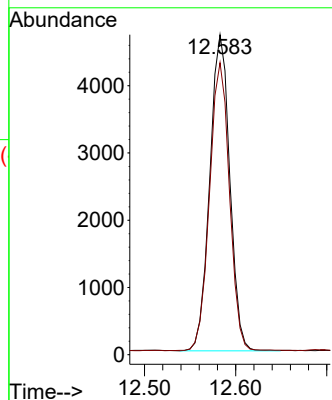
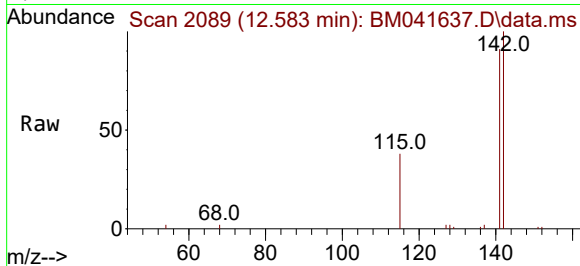




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.583 min Scan# 2090
Delta R.T. -0.011 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

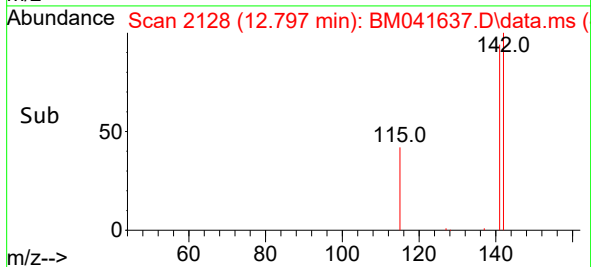
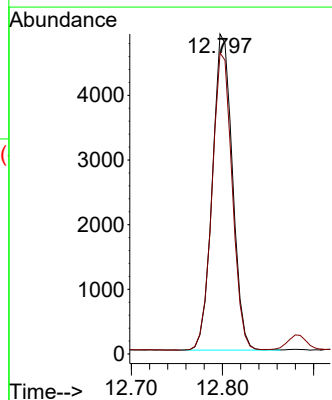
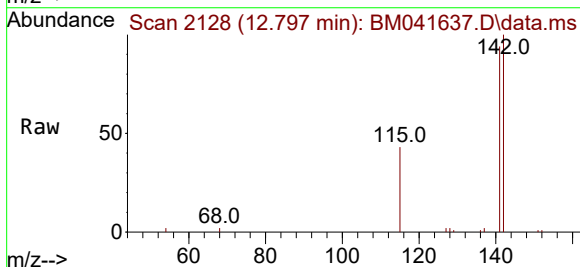
Instrument :
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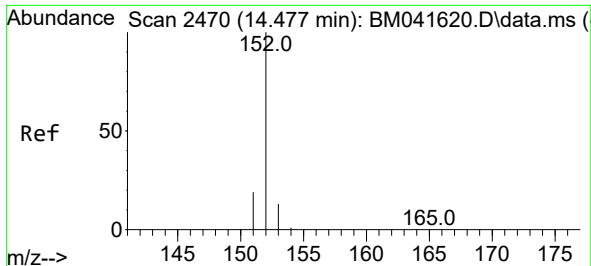
Tgt Ion:142 Resp: 7169
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.797 min Scan# 2128
Delta R.T. -0.016 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

Tgt Ion:142 Resp: 7466
Ion Ratio Lower Upper
142 100
141 94.6 74.2 111.2

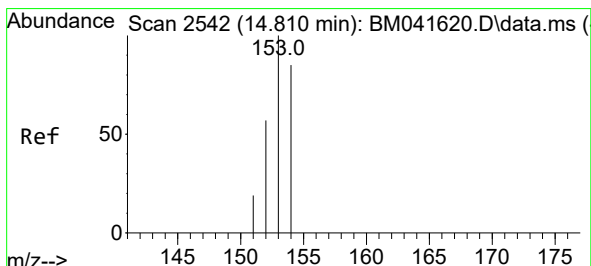
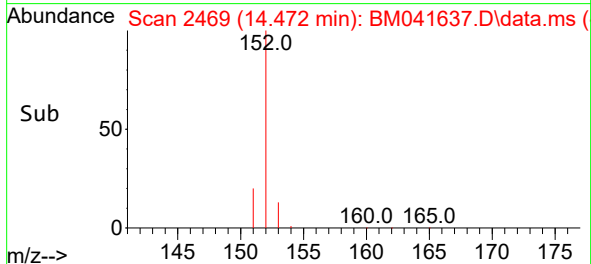
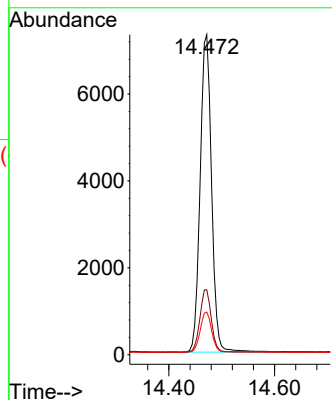
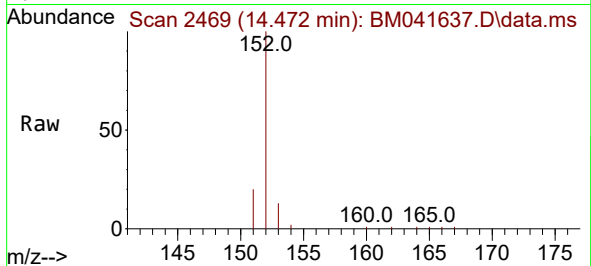




#10
Acenaphthylene
Concen: 0.373 ng/ul
RT: 14.472 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

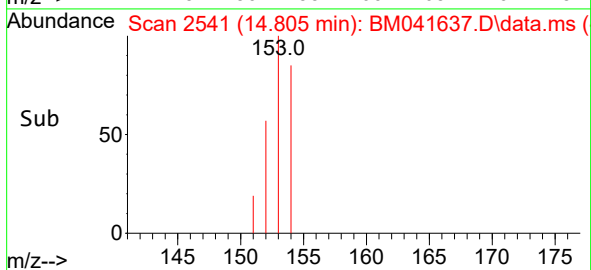
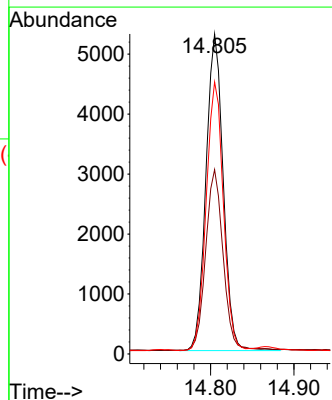
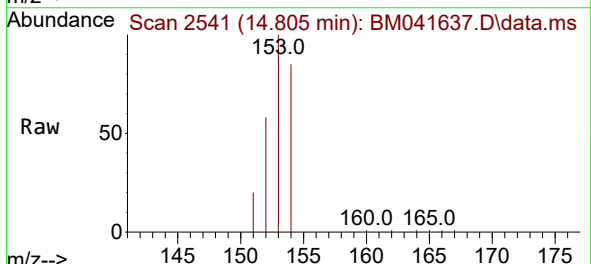
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ClientSampleId :
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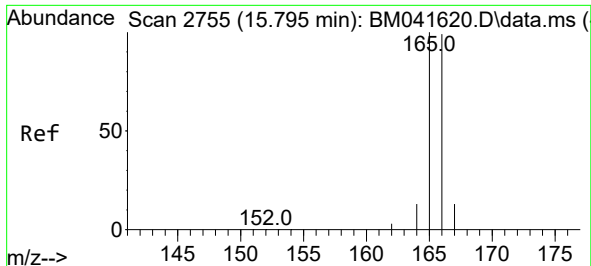
Tgt Ion:152 Resp: 10963
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.3 10.6 15.8



#11
Acenaphthene
Concen: 0.375 ng/ul
RT: 14.805 min Scan# 2541
Delta R.T. -0.014 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

Tgt Ion:153 Resp: 7609
Ion Ratio Lower Upper
153 100
152 57.6 43.4 65.2
154 85.0 70.2 105.2

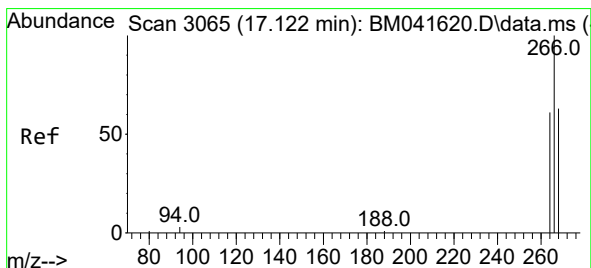
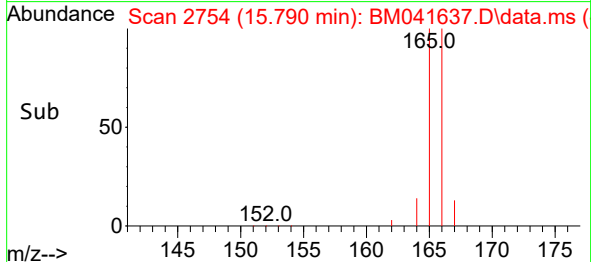
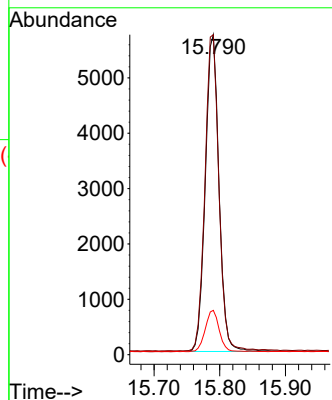
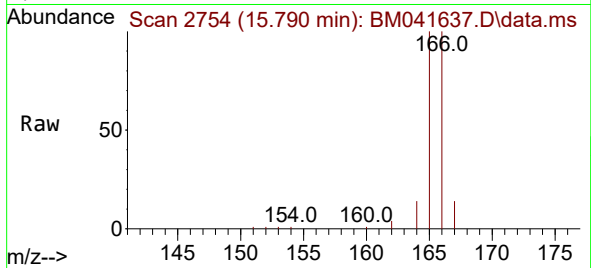




#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.790 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

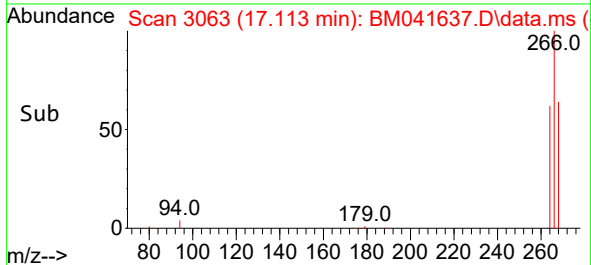
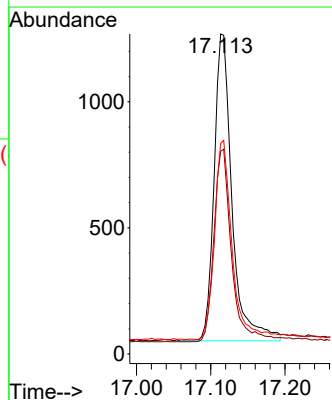
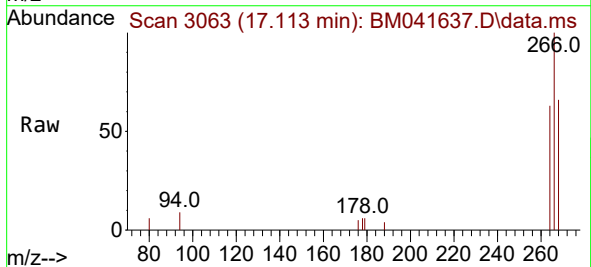
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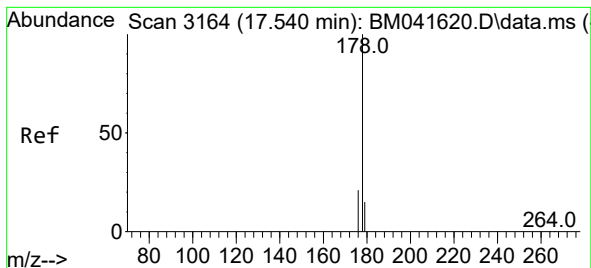
Tgt Ion:166 Resp: 8267
Ion Ratio Lower Upper
166 100
165 100.1 82.2 123.2
167 13.8 11.5 17.3



#14
Pentachlorophenol
Concen: 0.673 ng/ul
RT: 17.113 min Scan# 3063
Delta R.T. -0.013 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

Tgt Ion:266 Resp: 2043
Ion Ratio Lower Upper
266 100
264 62.2 49.3 73.9
268 64.2 50.2 75.4





#15

Phenanthrene

Concen: 0.363 ng/ul

RT: 17.535 min Scan# 3163

Delta R.T. -0.013 min

Lab File: BM041637.D

Acq: 01 Sep 2023 04:30

Instrument :

BNA_M

ClientSampleId :

SLCS129

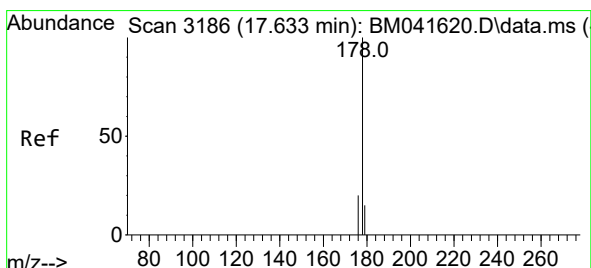
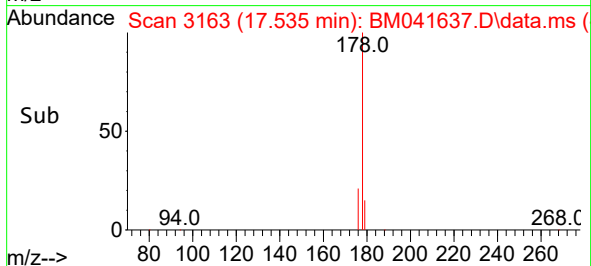
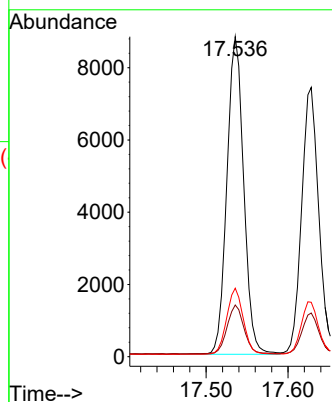
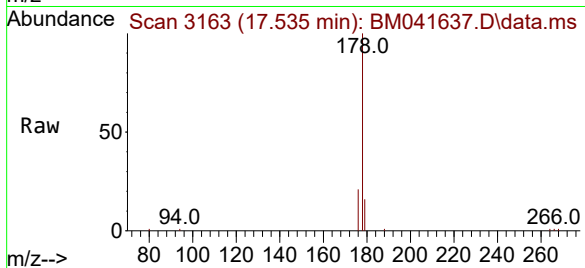
Tgt Ion:178 Resp: 12521

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

176 21.4 16.2 24.4



#16

Anthracene

Concen: 0.361 ng/ul

RT: 17.628 min Scan# 3185

Delta R.T. -0.013 min

Lab File: BM041637.D

Acq: 01 Sep 2023 04:30

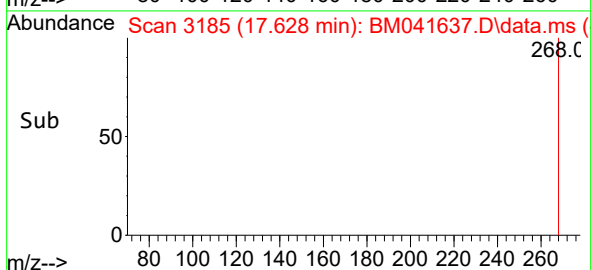
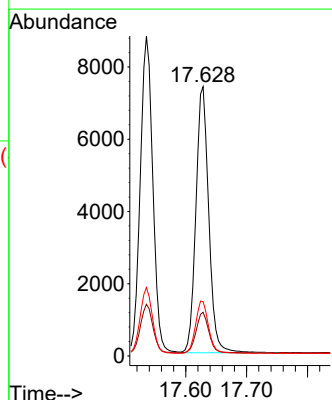
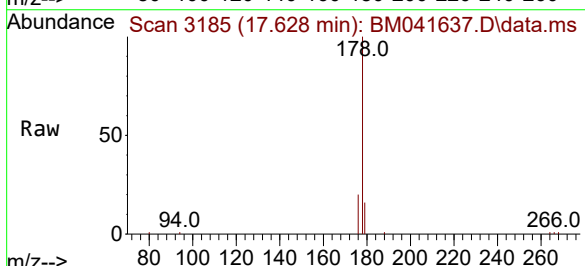
Tgt Ion:178 Resp: 10835

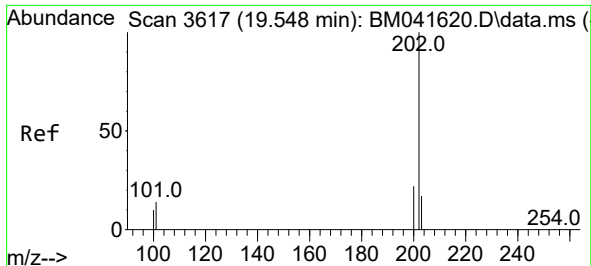
Ion Ratio Lower Upper

178 100

179 16.2 12.9 19.3

176 20.2 15.6 23.4

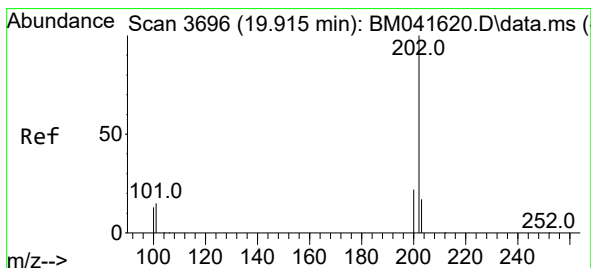
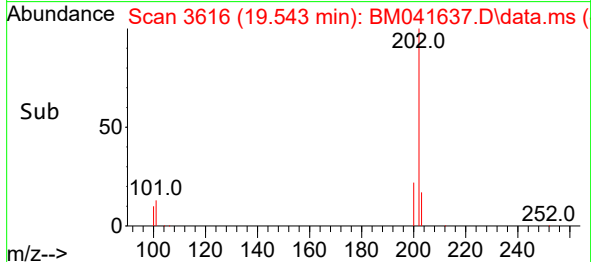
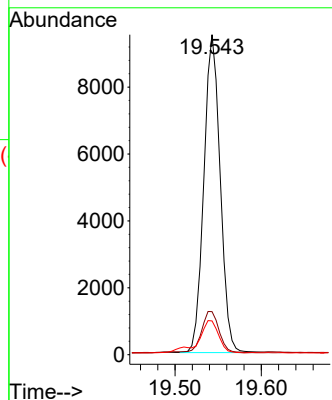
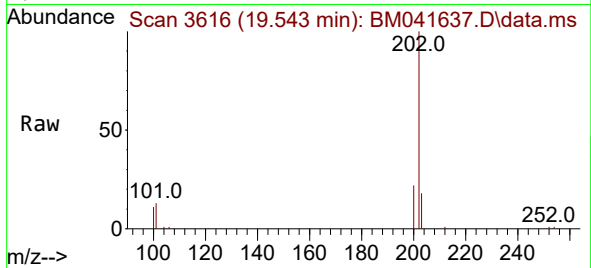




#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.543 min Scan# 3616
Delta R.T. -0.014 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

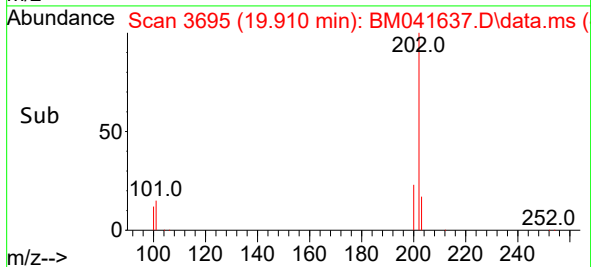
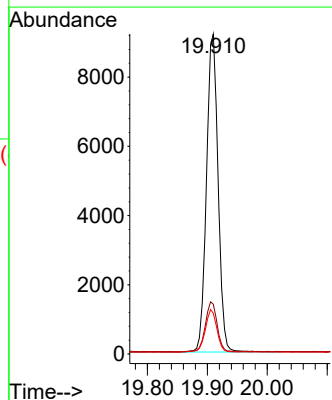
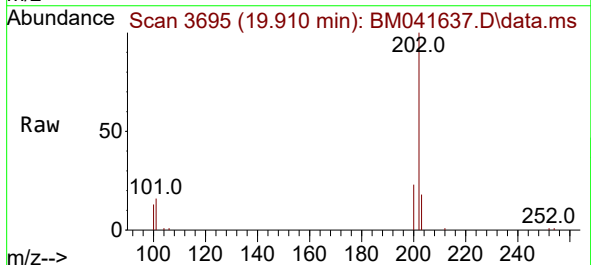
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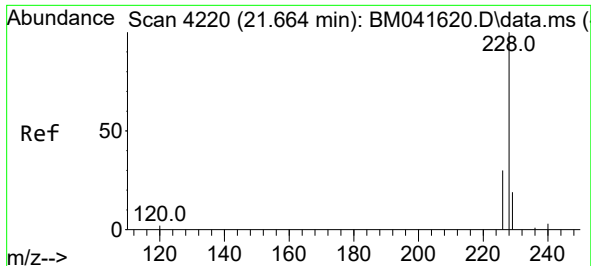
Tgt Ion:202 Resp: 12512
Ion Ratio Lower Upper
202 100
101 13.4 10.7 16.1
100 10.6 8.1 12.1



#20
Pyrene
Concen: 0.340 ng/ul
RT: 19.910 min Scan# 3695
Delta R.T. -0.014 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

Tgt Ion:202 Resp: 12332
Ion Ratio Lower Upper
202 100
101 15.6 12.2 18.4
100 12.7 9.8 14.8

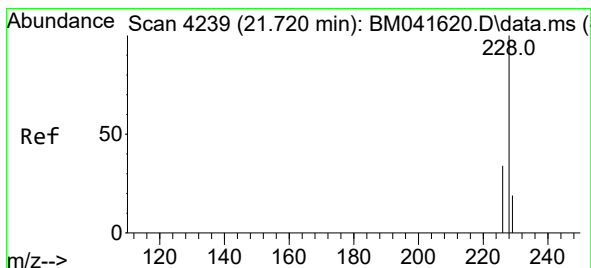
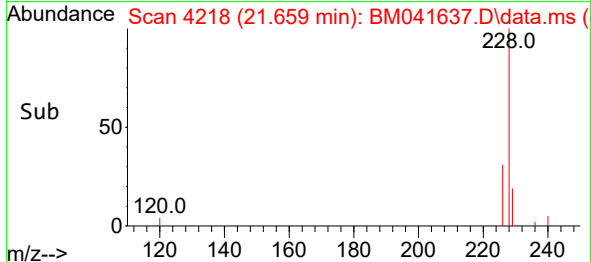
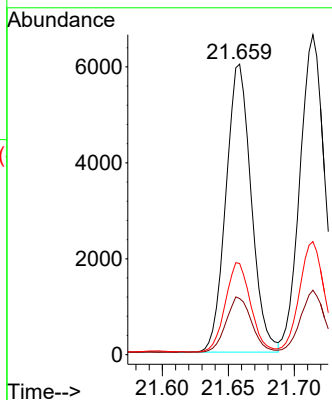
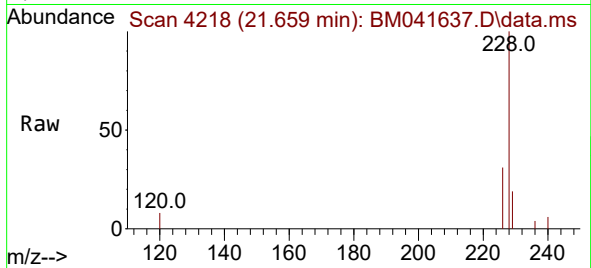




#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.659 min Scan# 4218
Delta R.T. -0.012 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

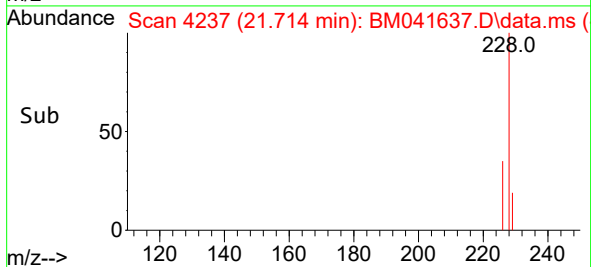
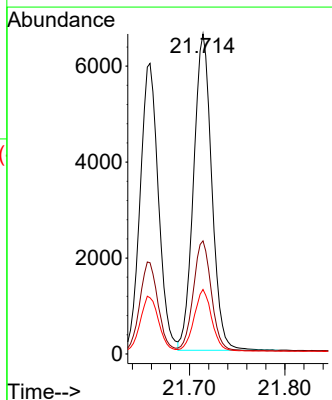
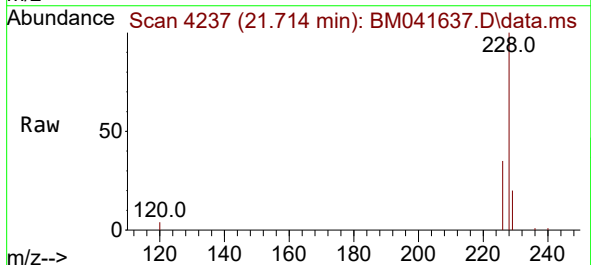
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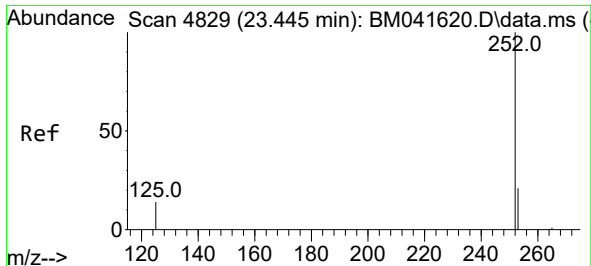
Tgt Ion:228	Resp:	8013
Ion Ratio	Lower	Upper
228	100	
229	19.3	15.6 23.4
226	31.4	25.0 37.4



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.714 min Scan# 4237
Delta R.T. -0.014 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

Tgt Ion:228	Resp:	8729
Ion Ratio	Lower	Upper
228	100	
226	35.3	26.7 40.1
229	20.2	15.9 23.9

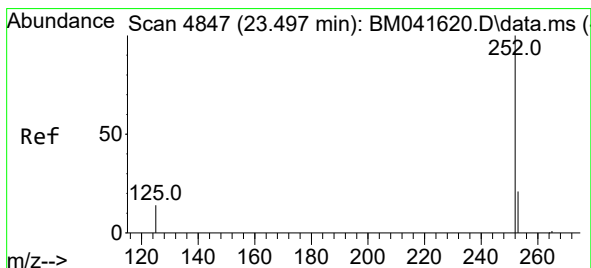
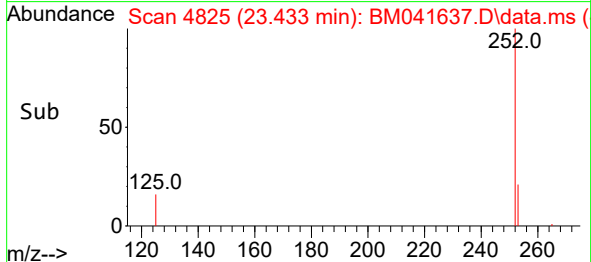
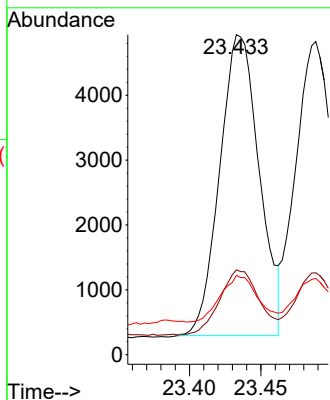
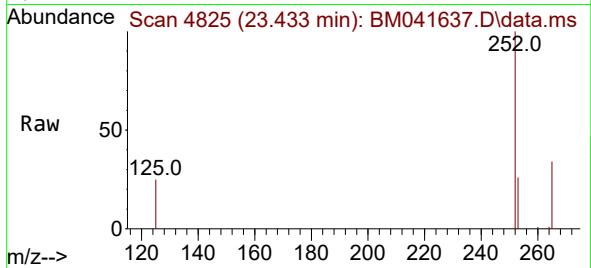




#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul
RT: 23.433 min Scan# 4825
Delta R.T. -0.026 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

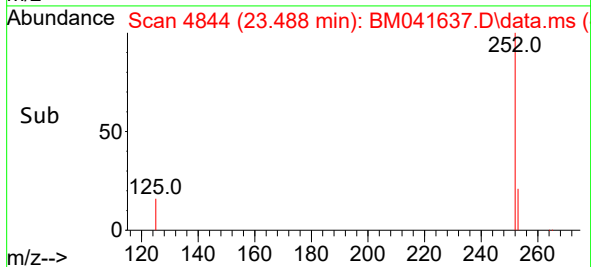
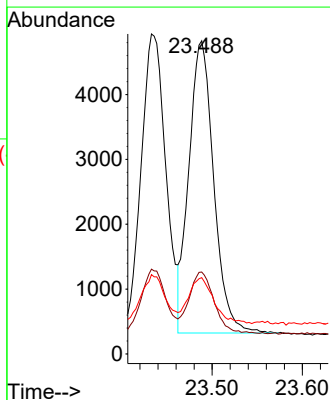
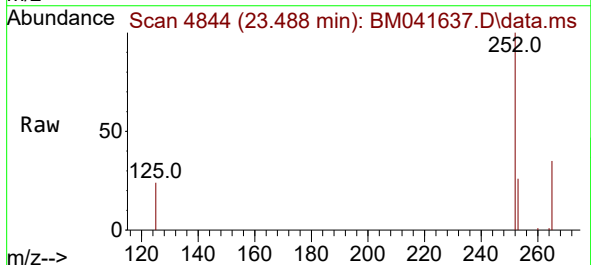
Instrument :
BNA_M
ClientSampleId :
SLCS129

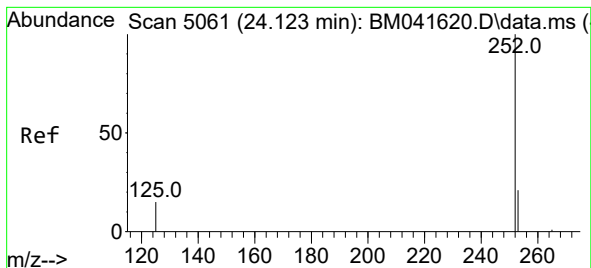
Tgt Ion:252 Resp: 8933
Ion Ratio Lower Upper
252 100
253 26.5 0.0 50.0
125 24.8 0.0 44.0



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 23.488 min Scan# 4844
Delta R.T. -0.023 min
Lab File: BM041637.D
Acq: 01 Sep 2023 04:30

Tgt Ion:252 Resp: 8622
Ion Ratio Lower Upper
252 100
253 26.2 20.2 30.4
125 24.4 18.2 27.4





#26

Benzo(a)pyrene

Concen: 0.306 ng/ul

RT: 24.111 min Scan# 5061

Delta R.T. -0.026 min

Lab File: BM041637.D

Acq: 01 Sep 2023 04:30

Instrument :

BNA_M

ClientSampleId :

SLCS129

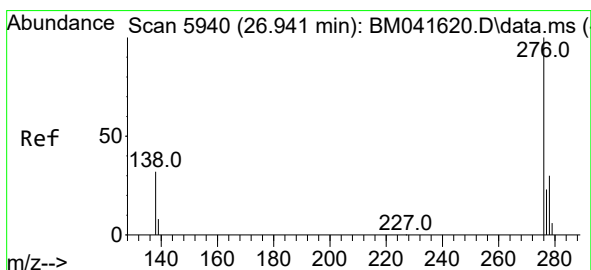
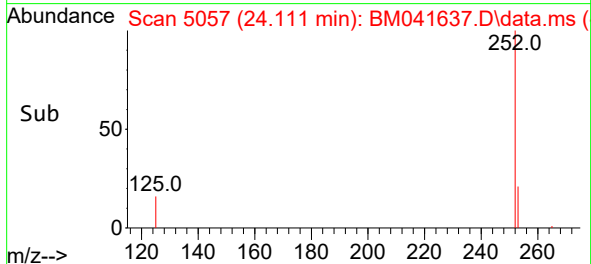
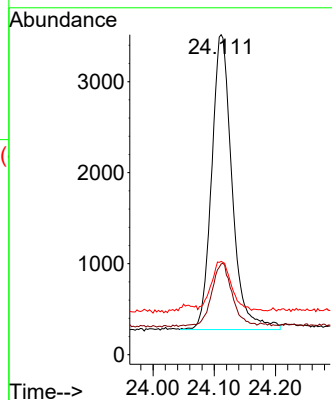
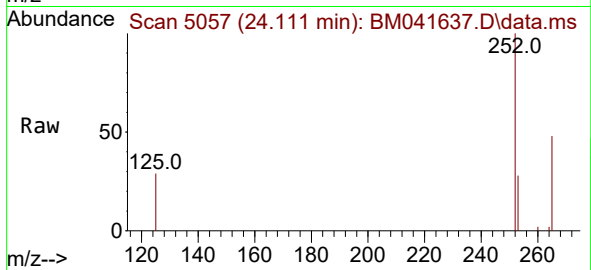
Tgt Ion:252 Resp: 7489

Ion Ratio Lower Upper

252 100

253 28.4 20.9 31.3

125 29.2 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.317 ng/ul

RT: 26.921 min Scan# 5934

Delta R.T. -0.043 min

Lab File: BM041637.D

Acq: 01 Sep 2023 04:30

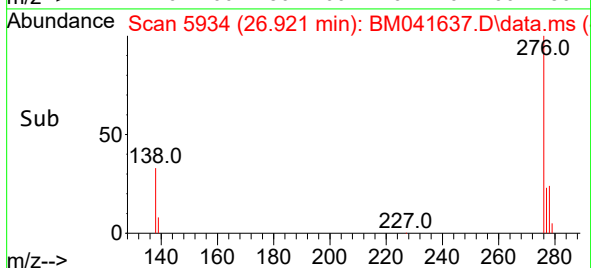
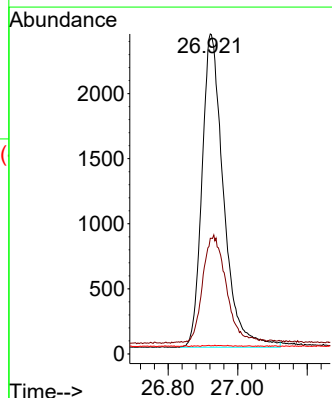
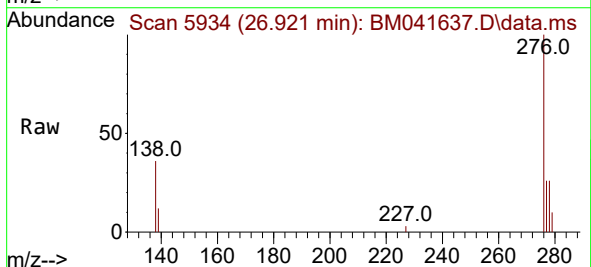
Tgt Ion:276 Resp: 10353

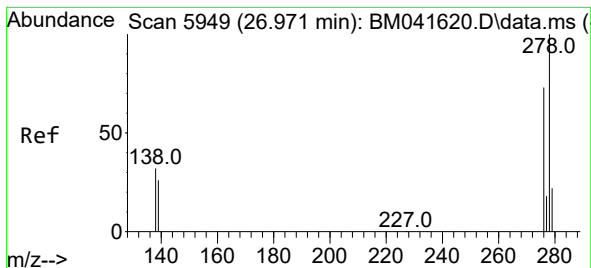
Ion Ratio Lower Upper

276 100

138 0.0 30.3 45.5#

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.317 ng/ul

RT: 26.958 min Scan# 5945

Delta R.T. -0.037 min

Lab File: BM041637.D

Acq: 01 Sep 2023 04:30

Instrument :

BNA_M

ClientSampleId :

SLCS129

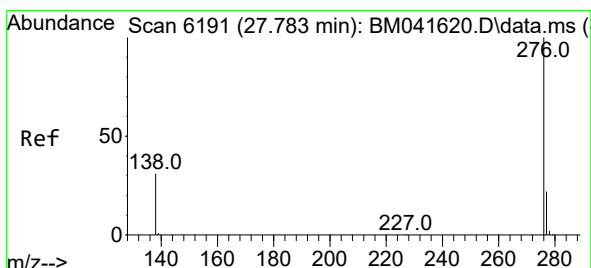
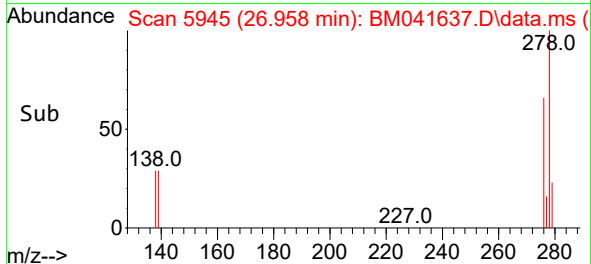
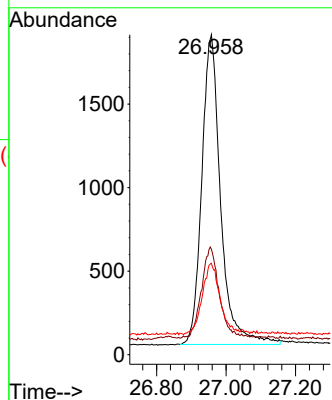
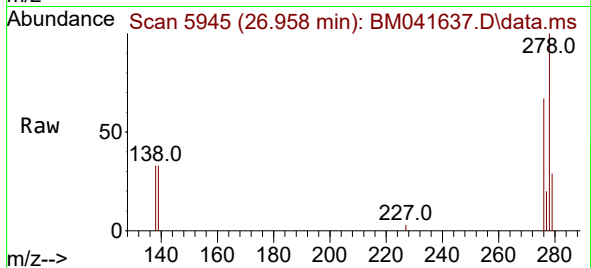
Tgt Ion:278 Resp: 6966

Ion Ratio Lower Upper

278 100

139 33.0 25.0 37.4

279 28.6 22.6 34.0



#29

Benzo(g,h,i)perylene

Concen: 0.334 ng/ul

RT: 27.766 min Scan# 6186

Delta R.T. -0.040 min

Lab File: BM041637.D

Acq: 01 Sep 2023 04:30

Tgt Ion:276 Resp: 9144

Ion Ratio Lower Upper

276 100

138 36.3 27.4 41.0

277 24.9 20.4 30.6

