

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051523\
 Data File : BM039928.D
 Acq On : 15 May 2023 17:38
 Operator : CG/JU
 Sample : SSTD0.855
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8032

Quant Time: May 16 00:51:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 00:46:17 2023
 Response via : Initial Calibration

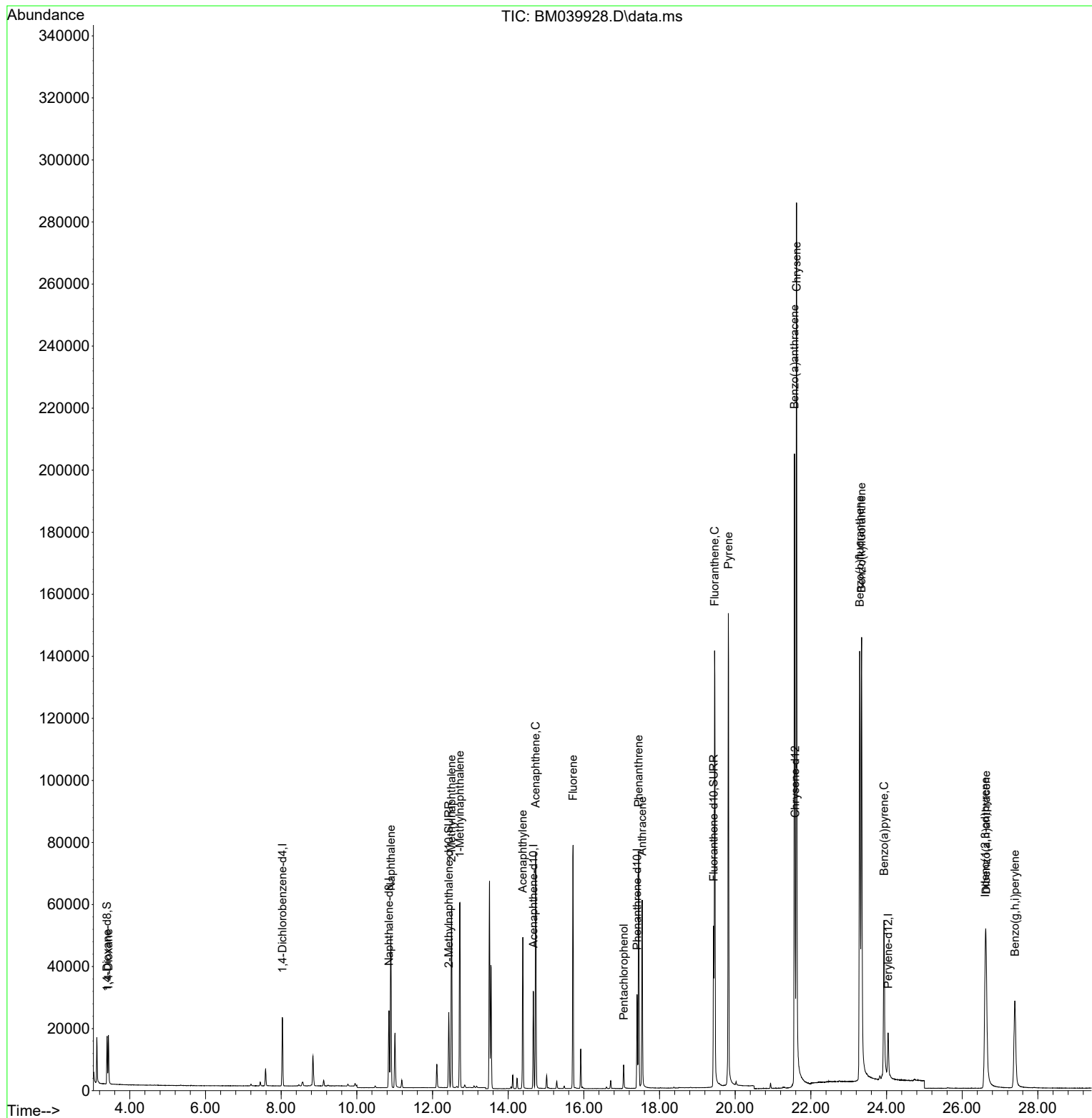
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	10798	0.400	ng/ul	0.00
4) Naphthalene-d8	10.848	136	32837	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.668	164	16346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	32091	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	31688	0.400	ng/ul	0.00
23) Perylene-d12	24.042	264	20252	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	9935	0.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.432	152	30491	0.724	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	48329	0.567	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.433	88	10591	0.642	ng/ul#	93
5) Naphthalene	10.897	128	64578	0.783	ng/ul	99
7) 2-Methylnaphthalene	12.503	142	38539	0.810	ng/ul	99
8) 1-Methylnaphthalene	12.723	142	40546	0.794	ng/ul	100
10) Acenaphthylene	14.386	152	52531	0.830	ng/ul	100
11) Acenaphthene	14.728	153	42246	0.850	ng/ul	100
12) Fluorene	15.714	166	46264	0.839	ng/ul	99
14) Pentachlorophenol	17.052	266	5181	0.741	ng/ul	98
15) Phenanthrene	17.449	178	77599	0.918	ng/ul	100
16) Anthracene	17.542	178	64939	0.895	ng/ul	99
19) Fluoranthene	19.457	202	124671	1.103	ng/ul	96
20) Pyrene	19.819	202	130442	1.068	ng/ul	100
21) Benzo(a)anthracene	21.566	228	183704	2.016	ng/ul	100
22) Chrysene	21.621	228	261363	2.535	ng/ul	100
24) Benzo(b)fluoranthene	23.290	252	189415	2.663	ng/ul	100
25) Benzo(k)fluoranthene	23.340	252	193578	2.673	ng/ul	100
26) Benzo(a)pyrene	23.933	252	85494	1.339	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.610	276	84133	1.042	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.630	278	64196	1.024	ng/ul	98
29) Benzo(g,h,i)perylene	27.391	276	67307	0.957	ng/ul	100

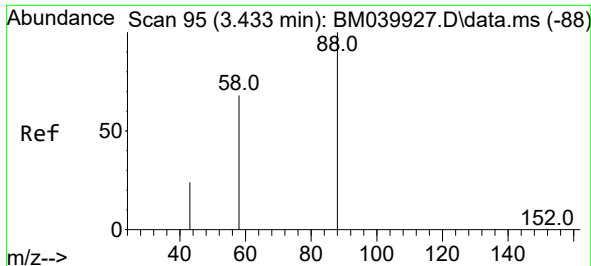
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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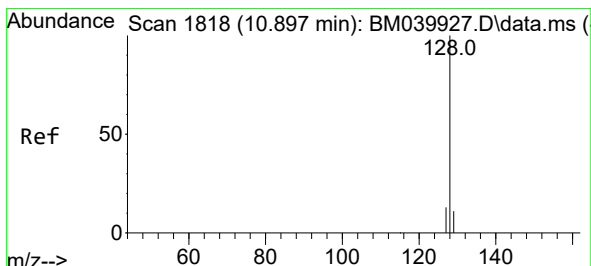
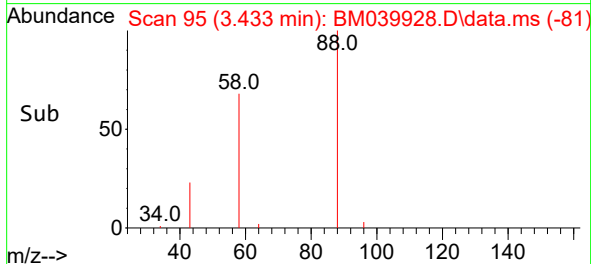
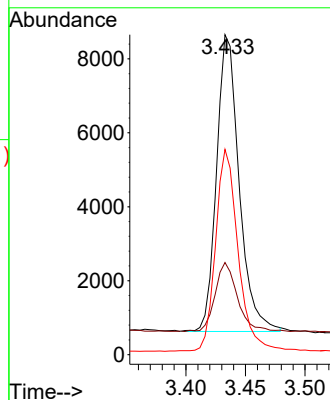
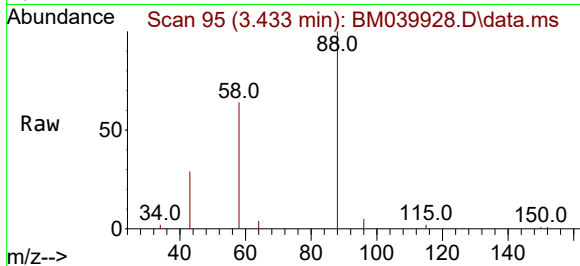




#2
1,4-Dioxane
Concen: 0.642 ng/ul
RT: 3.433 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

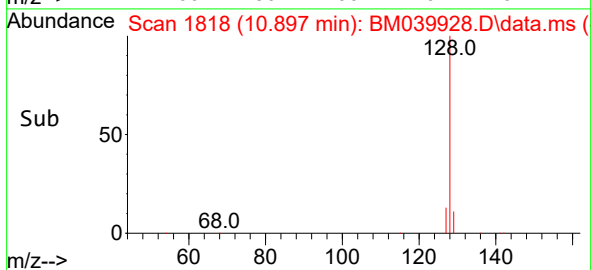
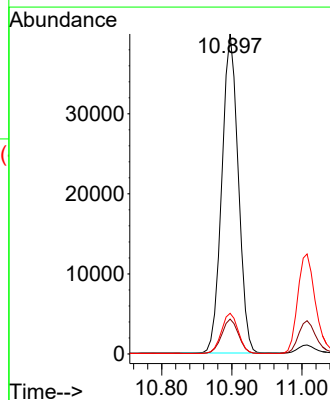
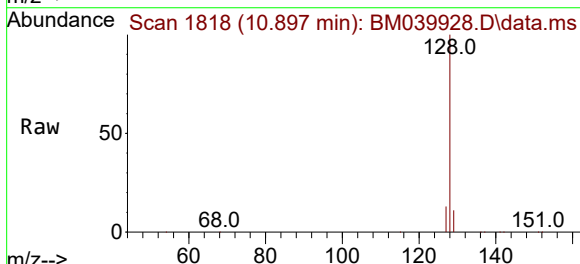
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

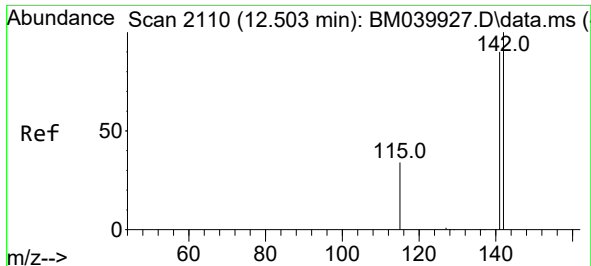
Tgt Ion: 88 Resp: 10591
Ion Ratio Lower Upper
88 100
43 28.8 29.0 43.4#
58 64.2 49.3 73.9



#5
Naphthalene
Concen: 0.783 ng/ul
RT: 10.897 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

Tgt Ion: 128 Resp: 64578
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.5 15.7

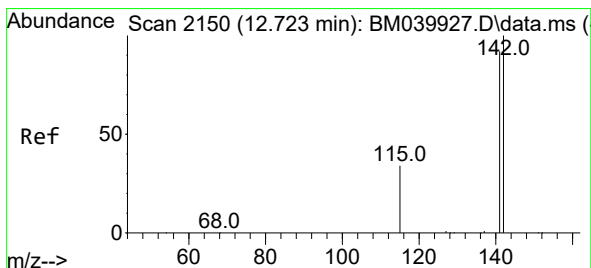
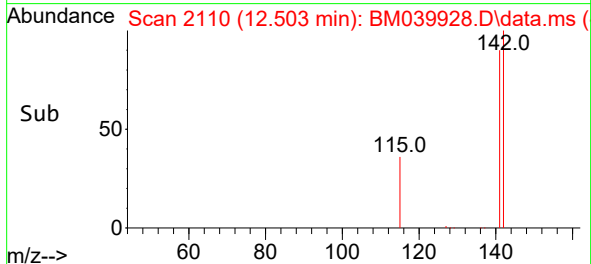
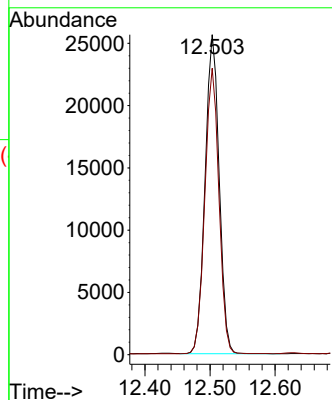
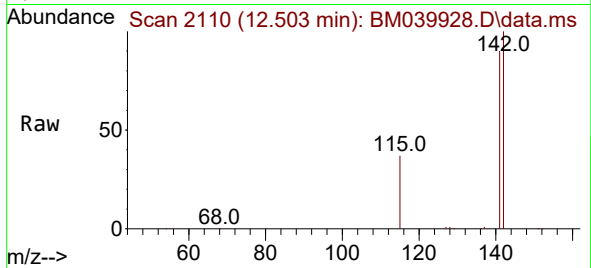




#7
2-Methylnaphthalene
Concen: 0.810 ng/ul
RT: 12.503 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

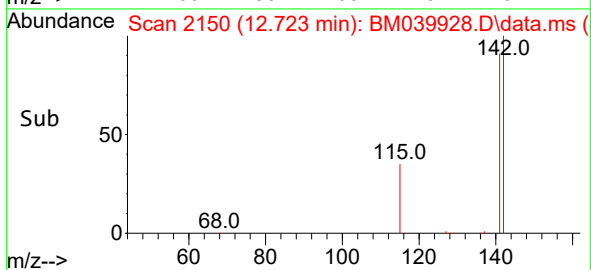
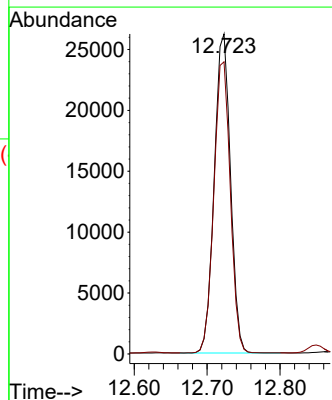
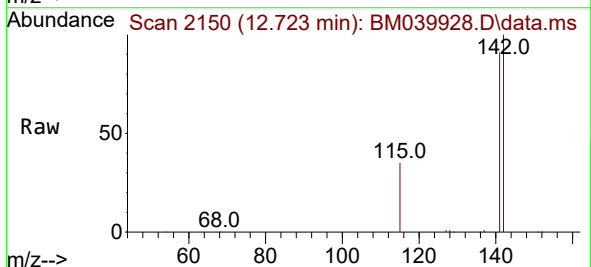
Instrument :
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ClientSampleId :
SSTD0.8032

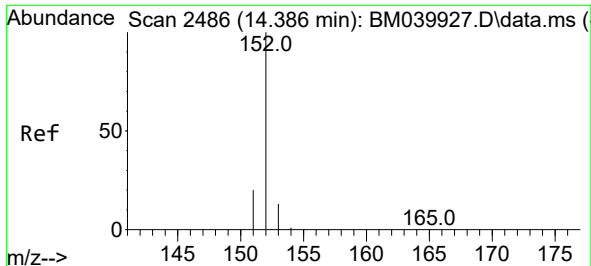
Tgt Ion:142 Resp: 38539
Ion Ratio Lower Upper
142 100
141 89.4 72.0 108.0



#8
1-Methylnaphthalene
Concen: 0.794 ng/ul
RT: 12.723 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

Tgt Ion:142 Resp: 40546
Ion Ratio Lower Upper
142 100
141 92.6 74.3 111.5

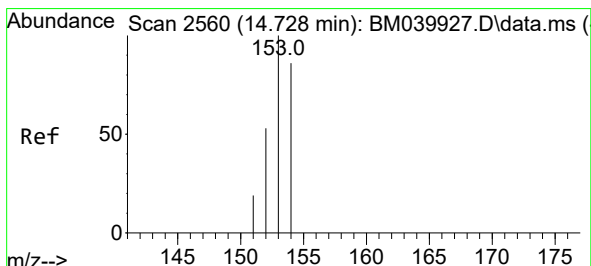
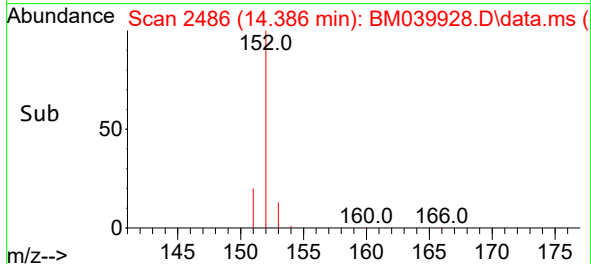
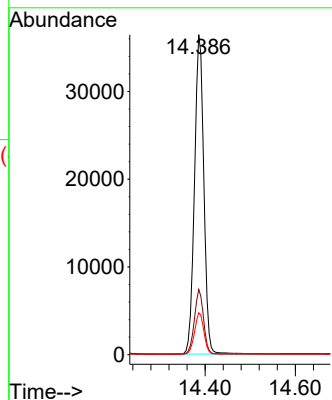
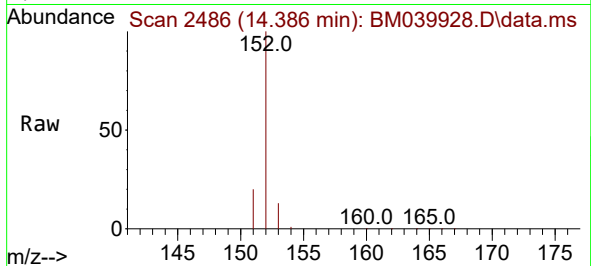




#10
Acenaphthylene
Concen: 0.830 ng/ul
RT: 14.386 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

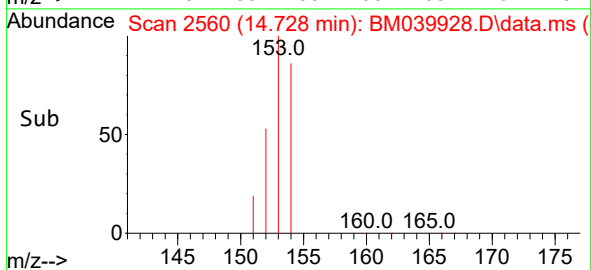
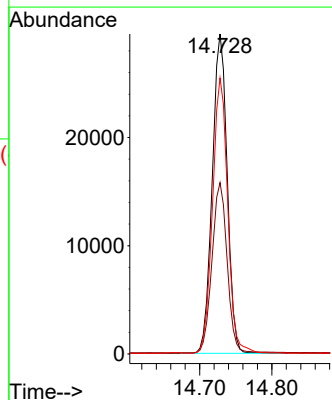
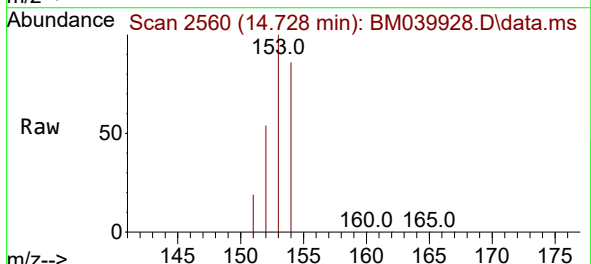
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ClientSampleId :
SSTD0.8032

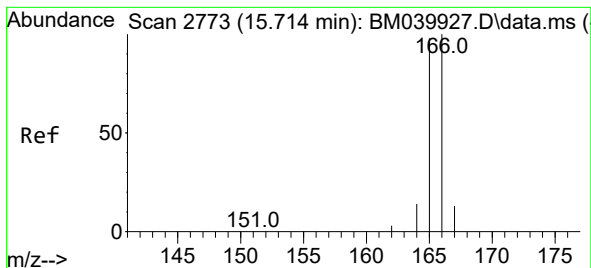
Tgt Ion:152 Resp: 52531
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1



#11
Acenaphthene
Concen: 0.850 ng/ul
RT: 14.728 min Scan# 2560
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

Tgt Ion:153 Resp: 42246
Ion Ratio Lower Upper
153 100
152 53.5 42.6 63.8
154 86.2 68.6 103.0





#12

Fluorene

Concen: 0.839 ng/ul

RT: 15.714 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039928.D

Acq: 15 May 2023 17:38

Instrument :

BNA_M

ClientSampleId :

SSTD0.8032

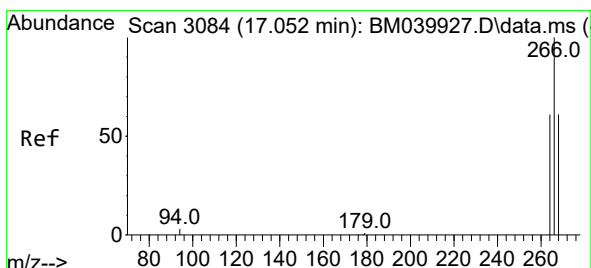
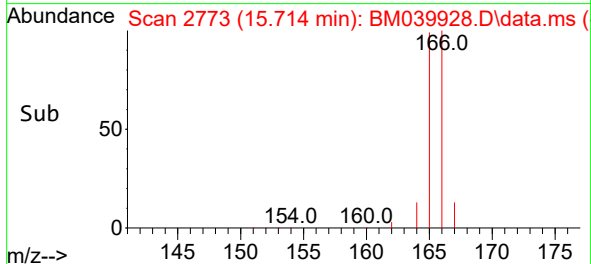
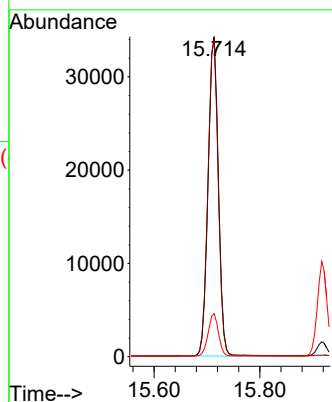
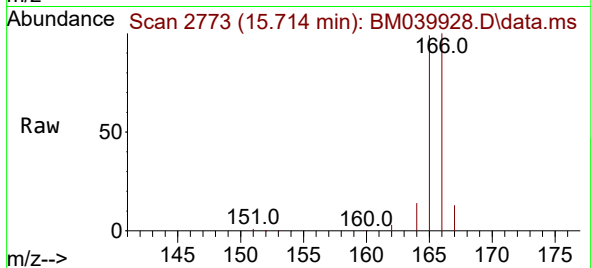
Tgt Ion:166 Resp: 46264

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

167 13.5 10.9 16.3



#14

Pentachlorophenol

Concen: 0.741 ng/ul

RT: 17.052 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BM039928.D

Acq: 15 May 2023 17:38

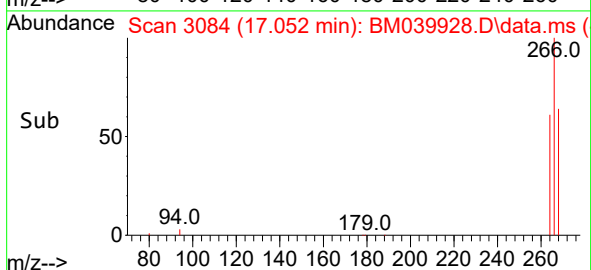
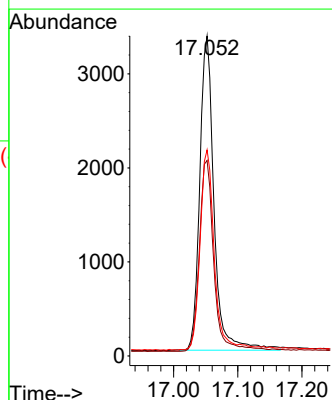
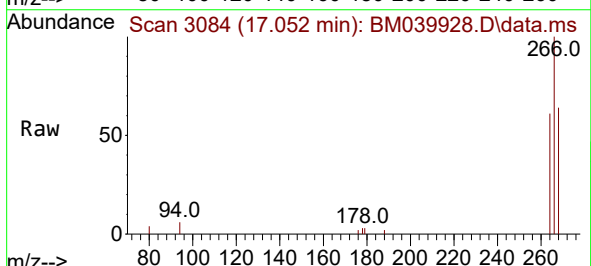
Tgt Ion:266 Resp: 5181

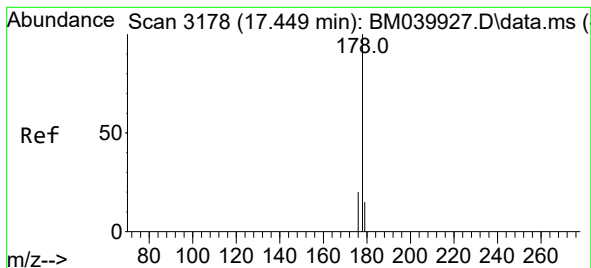
Ion Ratio Lower Upper

266 100

264 62.2 49.6 74.4

268 64.7 49.6 74.4





#15

Phenanthrene

Concen: 0.918 ng/ul

RT: 17.449 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039928.D

Acq: 15 May 2023 17:38

Instrument :

BNA_M

ClientSampleId :

SSTD0.8032

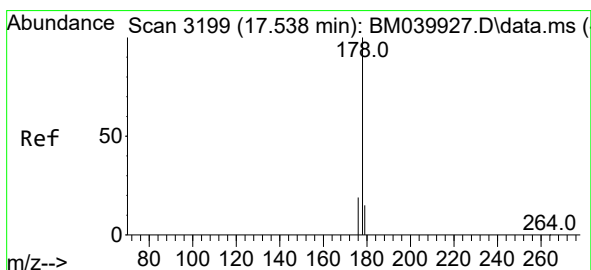
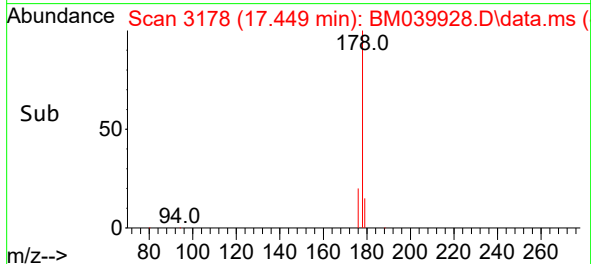
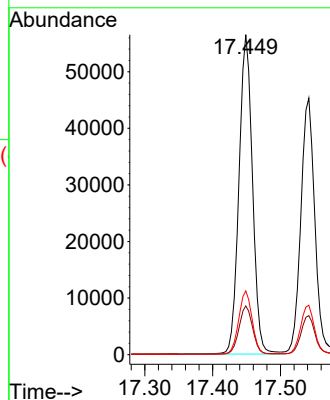
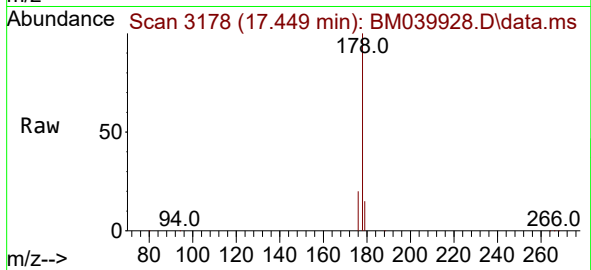
Tgt Ion:178 Resp: 77599

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 20.0 16.0 24.0



#16

Anthracene

Concen: 0.895 ng/ul

RT: 17.542 min Scan# 3200

Delta R.T. 0.004 min

Lab File: BM039928.D

Acq: 15 May 2023 17:38

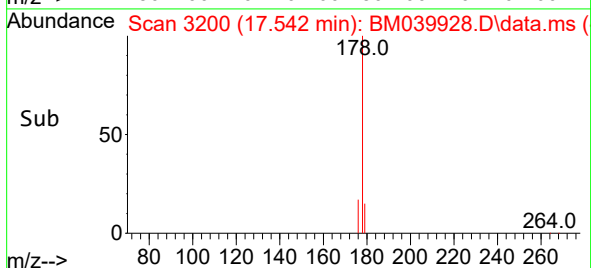
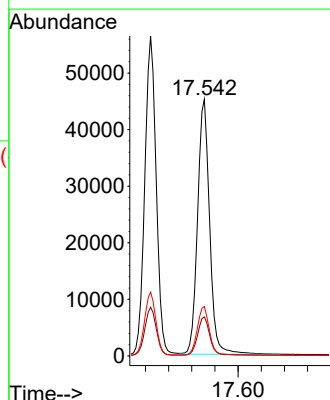
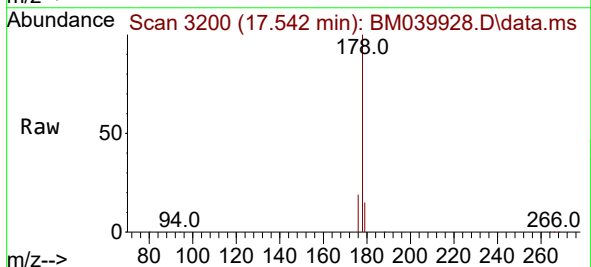
Tgt Ion:178 Resp: 64939

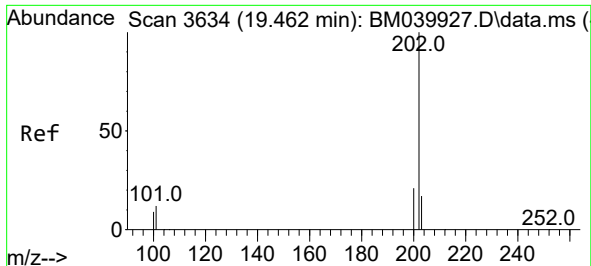
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.3 15.6 23.4

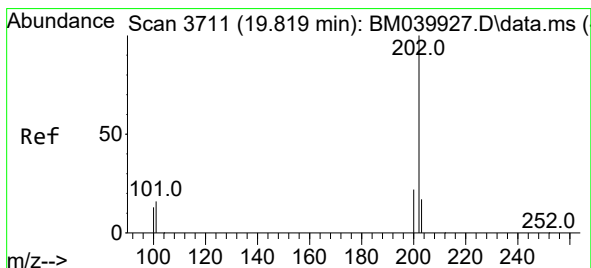
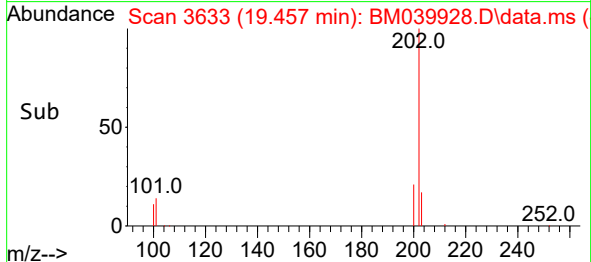
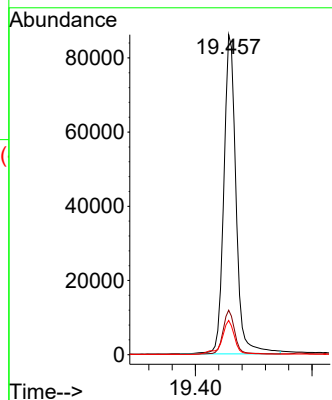
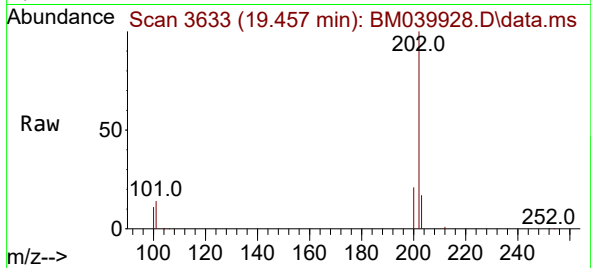




#19
Fluoranthene
Concen: 1.103 ng/ul
RT: 19.457 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

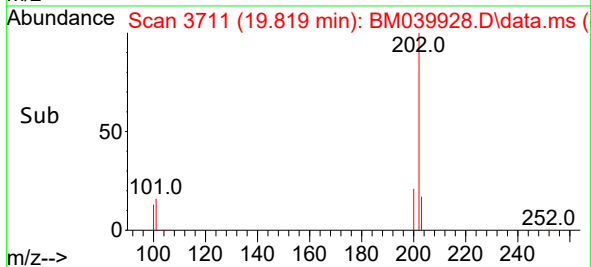
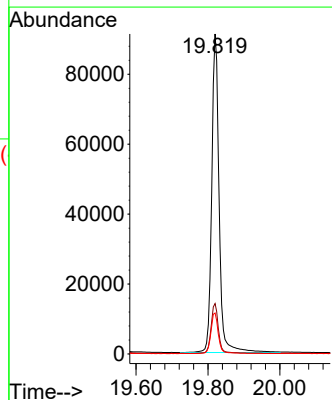
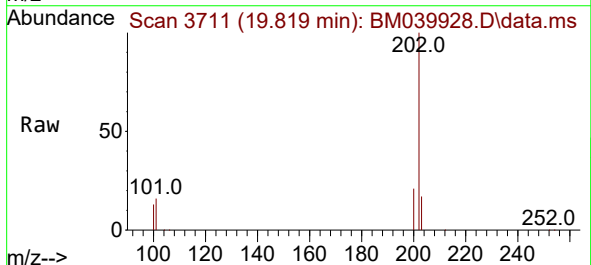
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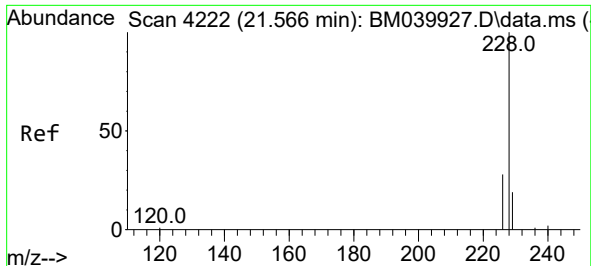
Tgt Ion:202 Resp: 124671
Ion Ratio Lower Upper
202 100
101 13.9 9.9 14.9
100 10.7 7.4 11.0



#20
Pyrene
Concen: 1.068 ng/ul
RT: 19.819 min Scan# 3711
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

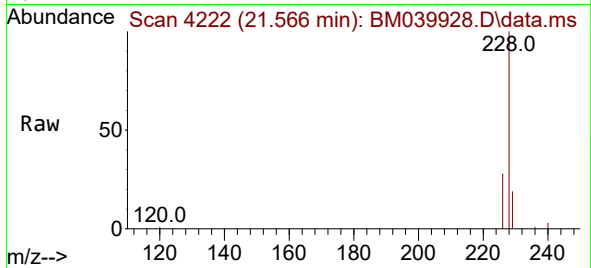
Tgt Ion:202 Resp: 130442
Ion Ratio Lower Upper
202 100
101 15.8 12.7 19.1
100 12.8 10.4 15.6



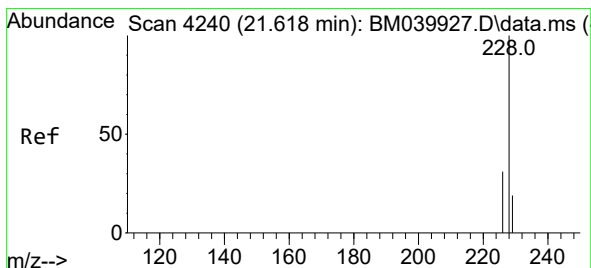
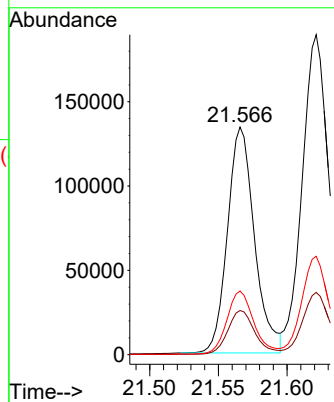
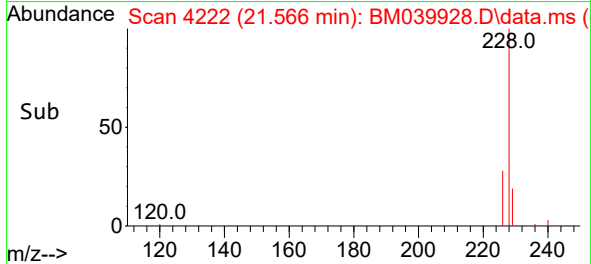


#21
Benzo(a)anthracene
Concen: 2.016 ng/ul
RT: 21.566 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

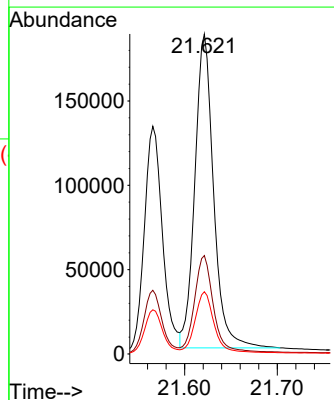
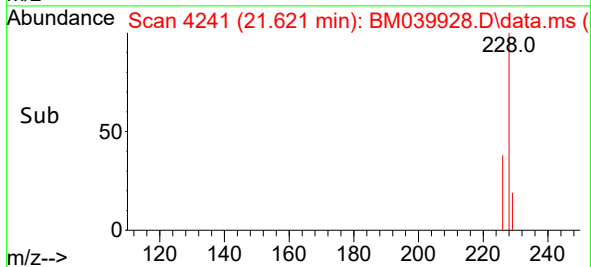
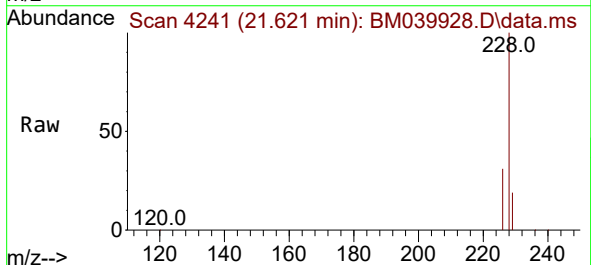


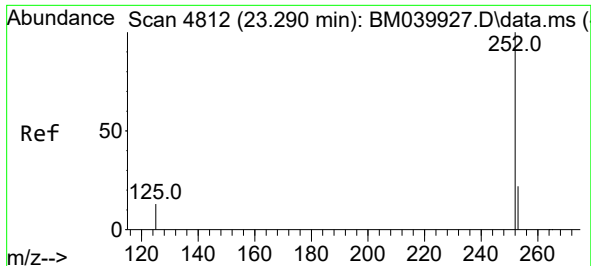
Tgt Ion:228 Resp: 183704
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 28.0 22.2 33.4



#22
Chrysene
Concen: 2.535 ng/ul
RT: 21.621 min Scan# 4241
Delta R.T. 0.003 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

Tgt Ion:228 Resp: 261363
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.4 15.4 23.2

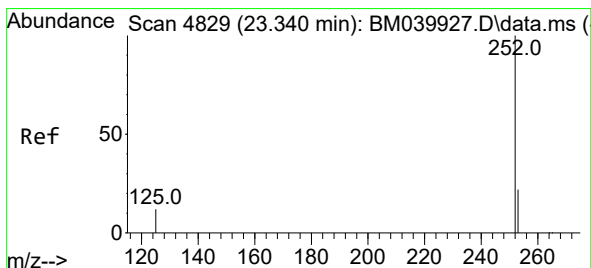
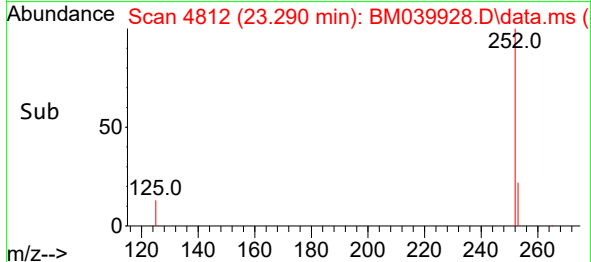
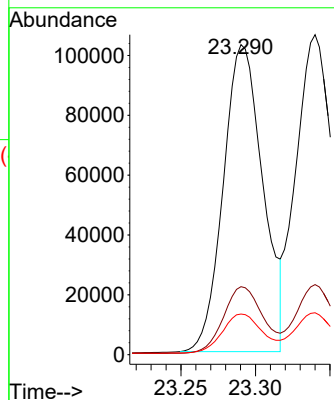
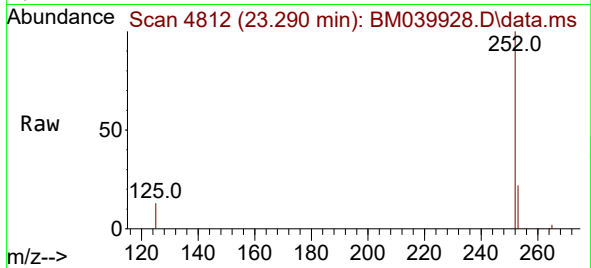




#24
Benzo(b)fluoranthene
Concen: 2.663 ng/ul
RT: 23.290 min Scan# 4812
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

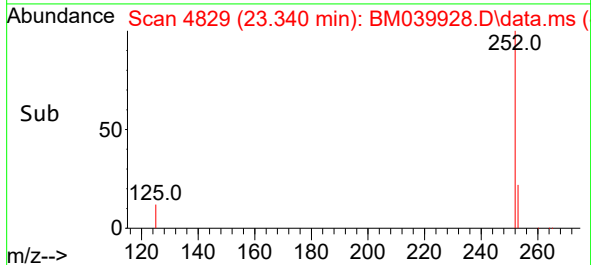
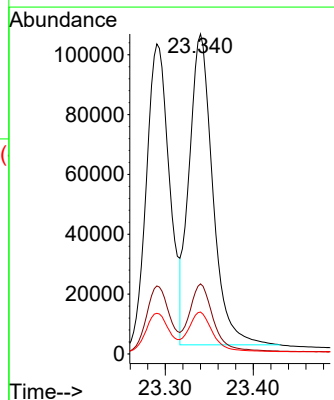
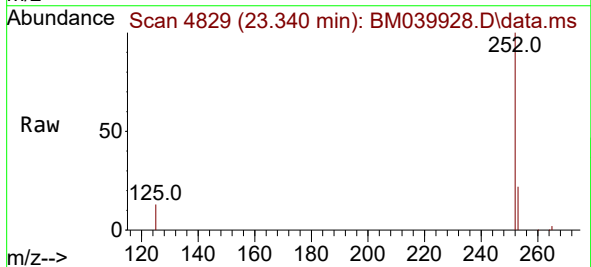
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

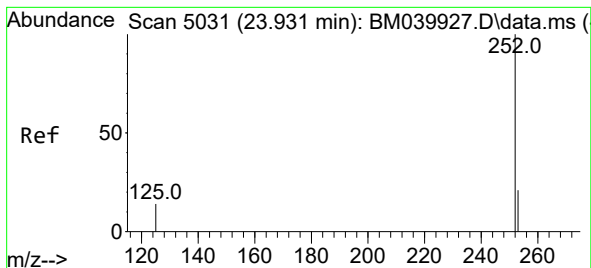
Tgt Ion:252 Resp: 189415
Ion Ratio Lower Upper
252 100
253 21.9 0.0 43.8
125 13.1 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 2.673 ng/ul
RT: 23.340 min Scan# 4829
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

Tgt Ion:252 Resp: 193578
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 13.1 10.6 15.8





#26

Benzo(a)pyrene

Concen: 1.339 ng/ul

RT: 23.933 min Scan# 5031

Delta R.T. 0.003 min

Lab File: BM039928.D

Acq: 15 May 2023 17:38

Instrument :

BNA_M

ClientSampleId :

SSTD0.8032

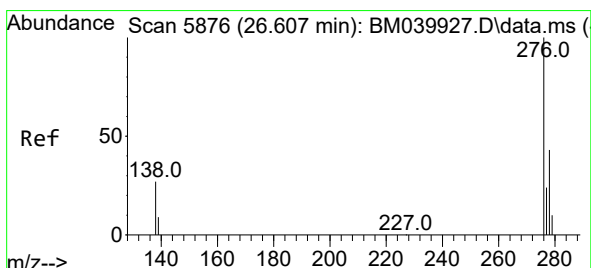
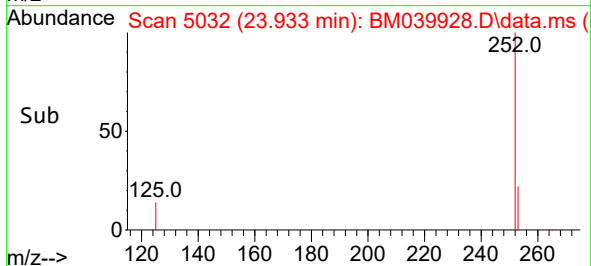
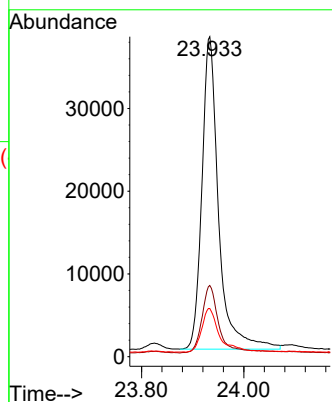
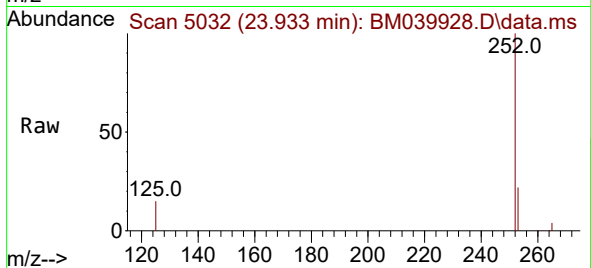
Tgt Ion:252 Resp: 85494

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 15.1 12.3 18.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.042 ng/ul

RT: 26.610 min Scan# 5877

Delta R.T. 0.003 min

Lab File: BM039928.D

Acq: 15 May 2023 17:38

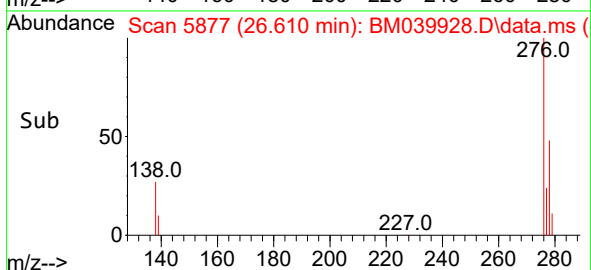
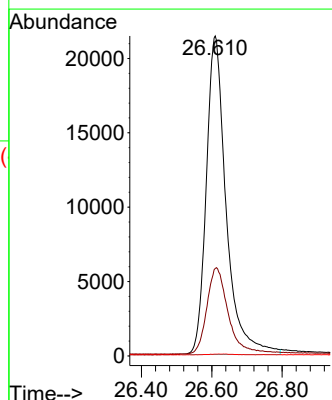
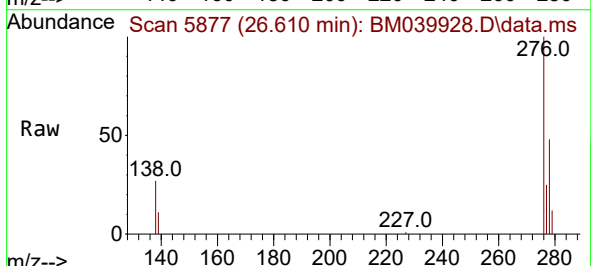
Tgt Ion:276 Resp: 84133

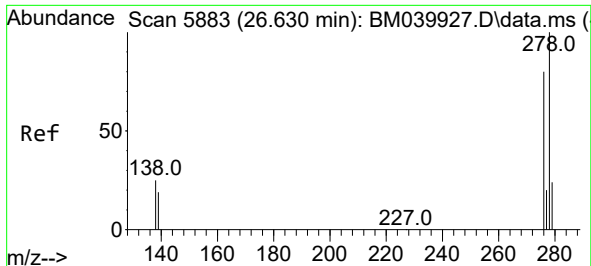
Ion Ratio Lower Upper

276 100

138 29.1 23.0 34.4

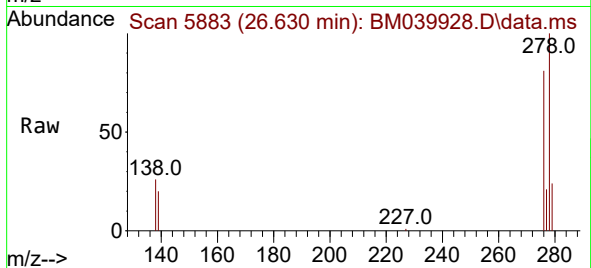
227 0.3 0.2 0.2#



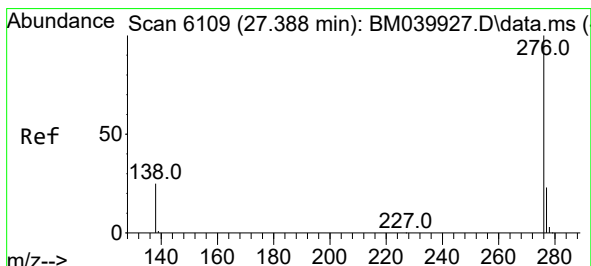
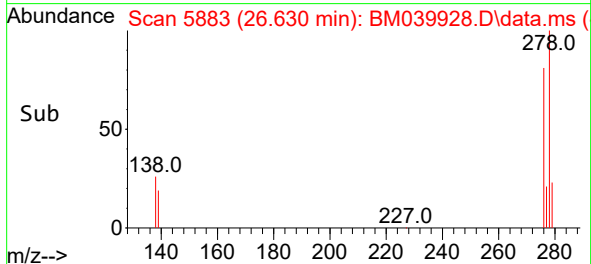
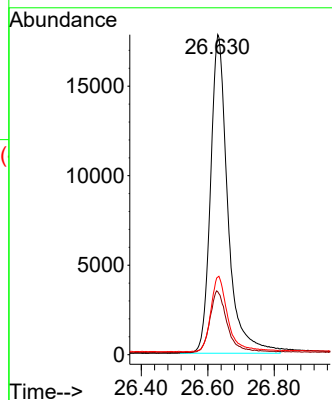


#28
Dibenzo(a,h)anthracene
Concen: 1.024 ng/ul
RT: 26.630 min Scan# 5883
Delta R.T. -0.000 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032



Tgt Ion:278 Resp: 64196
Ion Ratio Lower Upper
278 100
139 19.6 16.3 24.5
279 24.3 20.3 30.5



#29
Benzo(g,h,i)perylene
Concen: 0.957 ng/ul
RT: 27.391 min Scan# 6110
Delta R.T. 0.003 min
Lab File: BM039928.D
Acq: 15 May 2023 17:38

Tgt Ion:276 Resp: 67307
Ion Ratio Lower Upper
276 100
138 25.8 20.7 31.1
277 23.7 19.2 28.8

