

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
 Data File : BM037515.D
 Acq On : 16 Nov 2022 20:07
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV049

Quant Time: Nov 17 01:10:40 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

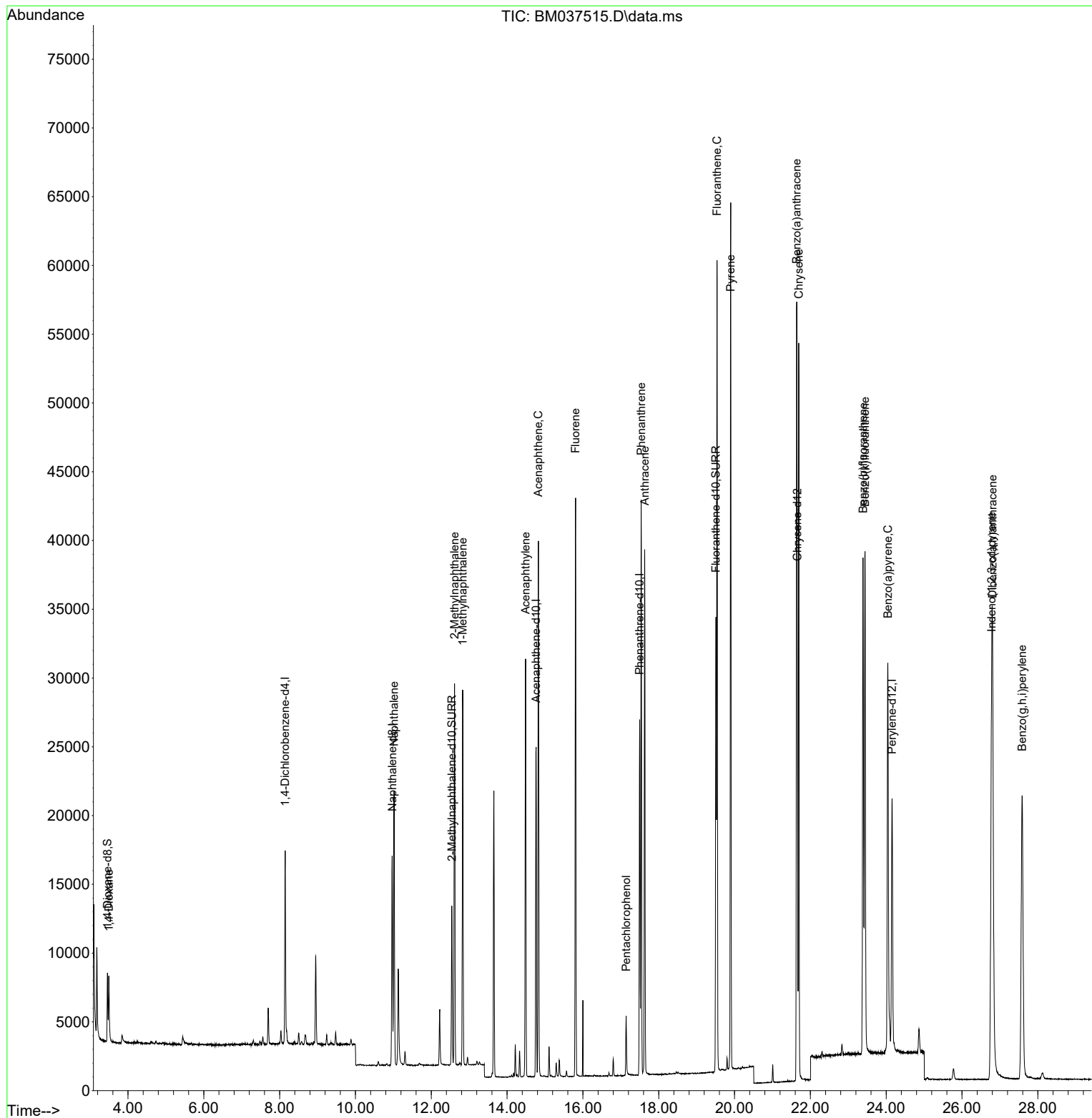
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	6884	0.400	ng/ul	0.00
4) Naphthalene-d8	10.968	136	19671	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.765	164	12891	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.495	188	29039	0.400	ng/ul	0.00
17) Chrysene-d12	21.655	240	23880	0.400	ng/ul	0.00
23) Perylene-d12	24.154	264	25507	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	3247	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.541	152	14145	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.508	212	32848	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.495	88	3113	0.374	ng/ul#	71
5) Naphthalene	11.018	128	26250	0.439	ng/ul	99
7) 2-Methylnaphthalene	12.613	142	18431	0.454	ng/ul	100
8) 1-Methylnaphthalene	12.827	142	17940	0.431	ng/ul	100
10) Acenaphthylene	14.487	152	32125	0.449	ng/ul	99
11) Acenaphthene	14.825	153	21852	0.437	ng/ul	100
12) Fluorene	15.806	166	25702	0.427	ng/ul	99
14) Pentachlorophenol	17.140	266	2992	0.459	ng/ul	98
15) Phenanthrene	17.537	178	42624	0.429	ng/ul	99
16) Anthracene	17.630	178	40608	0.424	ng/ul	99
19) Fluoranthene	19.535	202	49653	0.431	ng/ul	97
20) Pyrene	19.898	202	51684	0.431	ng/ul	100
21) Benzo(a)anthracene	21.637	228	45668	0.428	ng/ul	100
22) Chrysene	21.693	228	45474	0.429	ng/ul	100
24) Benzo(b)fluoranthene	23.388	252	48880	0.420	ng/ul	99
25) Benzo(k)fluoranthene	23.441	252	50484	0.430	ng/ul	99
26) Benzo(a)pyrene	24.043	252	45221	0.447	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.779	276	53641	0.401	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.806	278	45113	0.428	ng/ul	100
29) Benzo(g,h,i)perylene	27.587	276	48269	0.424	ng/ul	99

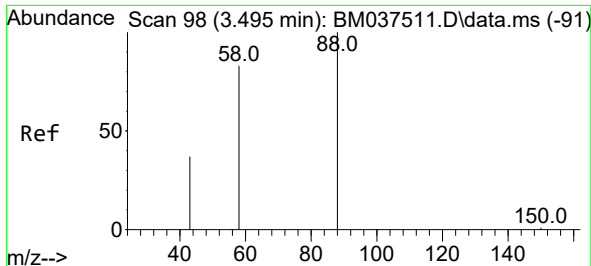
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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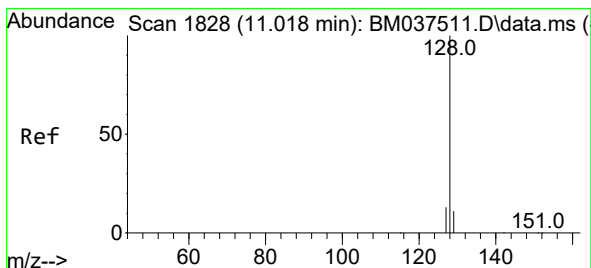
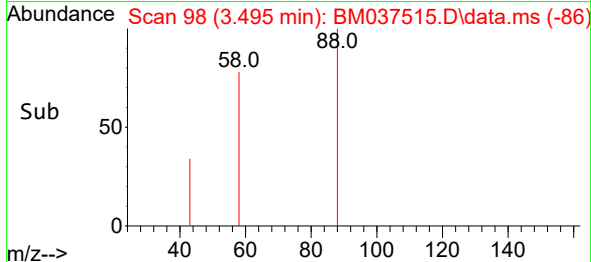
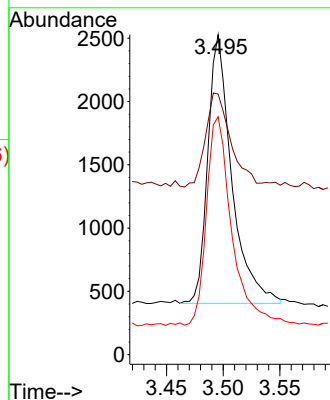
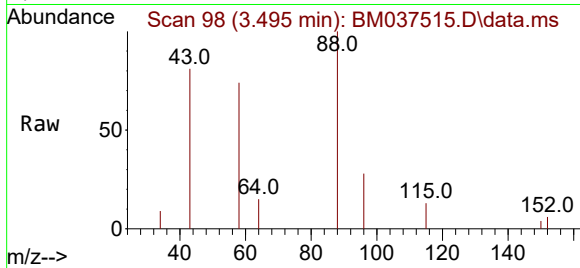




#2
1,4-Dioxane
Concen: 0.374 ng/ul
RT: 3.495 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

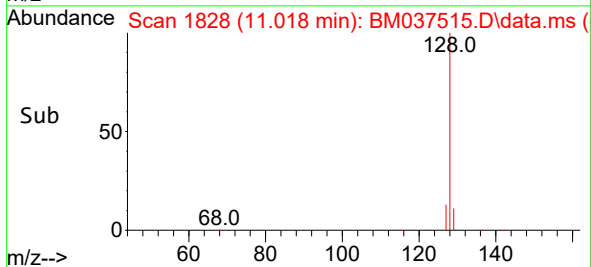
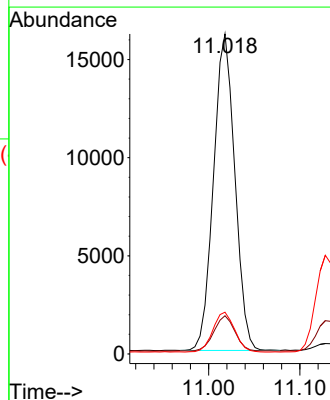
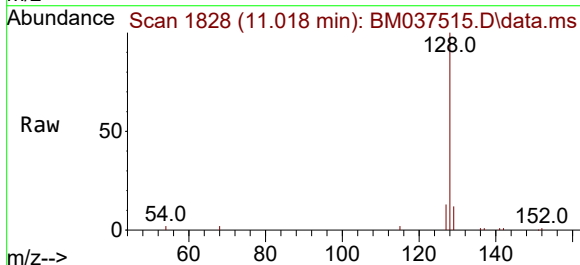
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BNA_M
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SICV049

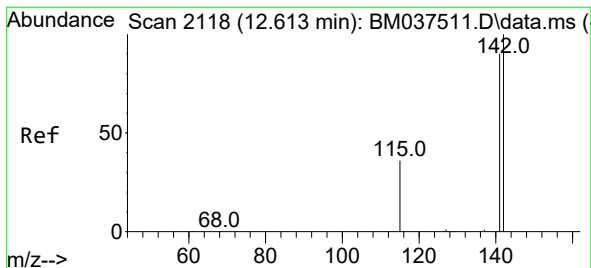
Tgt Ion: 88 Resp: 3113
Ion Ratio Lower Upper
88 100
43 81.4 102.8 154.2#
58 74.3 67.3 100.9



#5
Naphthalene
Concen: 0.439 ng/ul
RT: 11.018 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

Tgt Ion: 128 Resp: 26250
Ion Ratio Lower Upper
128 100
129 12.0 9.8 14.8
127 13.0 11.0 16.4

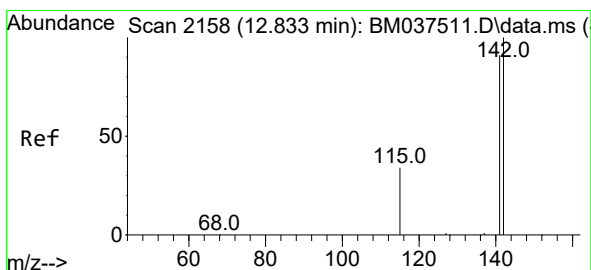
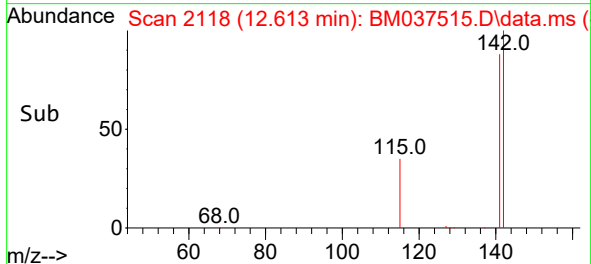
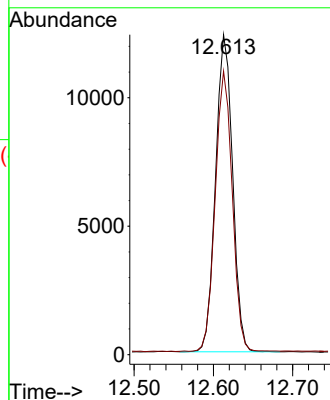
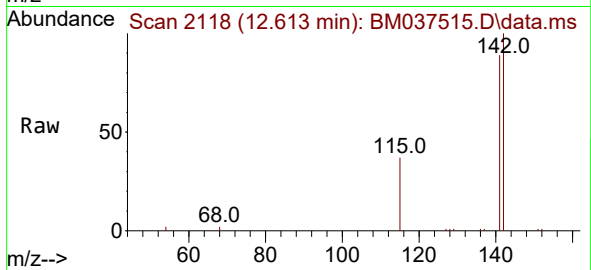




#7
2-Methylnaphthalene
Concen: 0.454 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

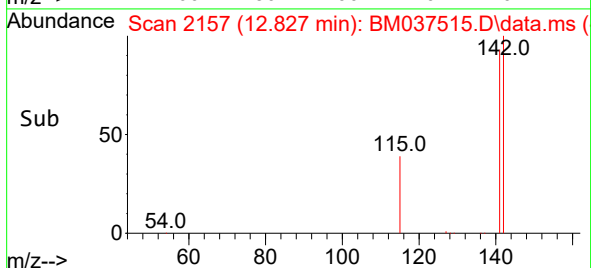
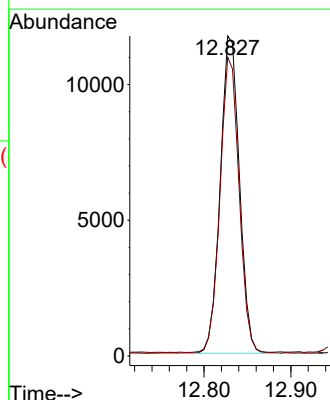
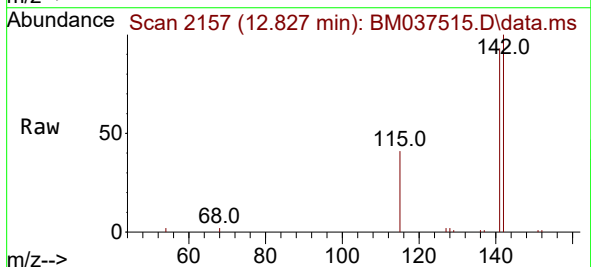
Instrument :
BNA_M
ClientSampleId :
SICV049

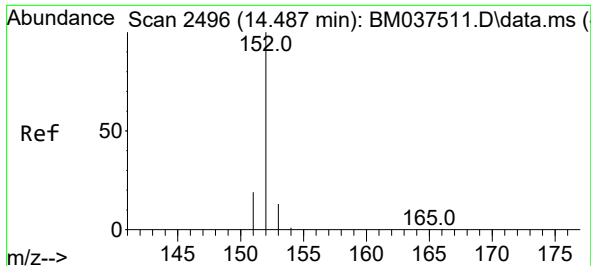
Tgt Ion:142 Resp: 18431
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.827 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

Tgt Ion:142 Resp: 17940
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0

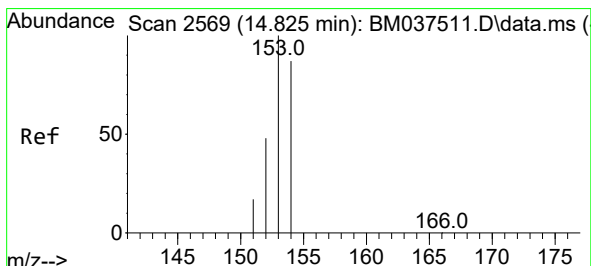
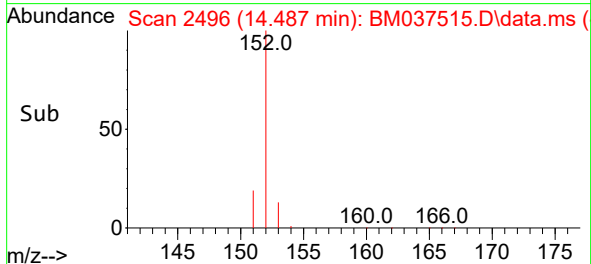
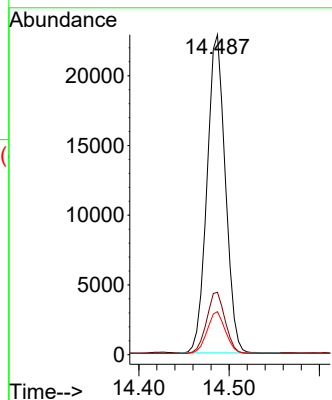
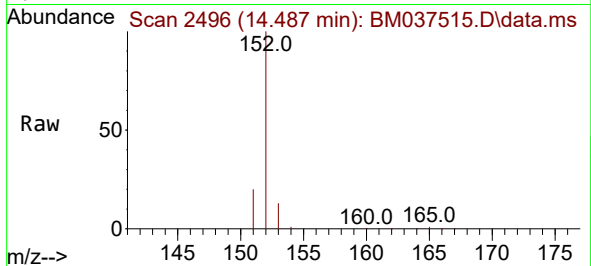




#10
Acenaphthylene
Concen: 0.449 ng/ul
RT: 14.487 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

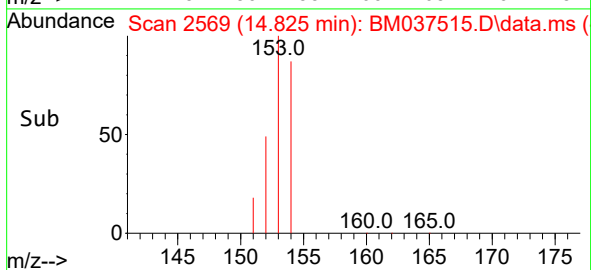
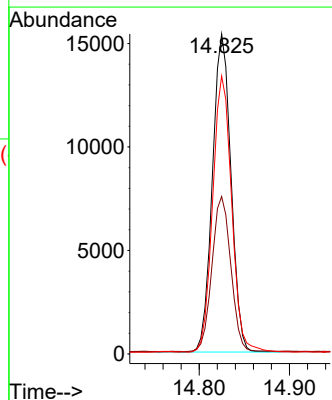
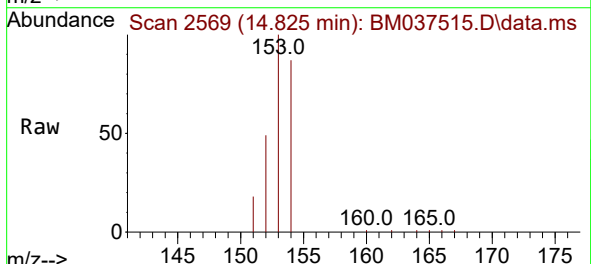
Instrument :
BNA_M
ClientSampleId :
SICV049

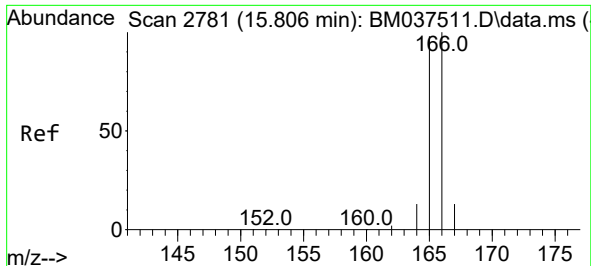
Tgt Ion:152	Resp:	32125
Ion Ratio	Lower	Upper
152	100	
151	19.5	15.9 23.9
153	13.4	11.0 16.4



#11
Acenaphthene
Concen: 0.437 ng/ul
RT: 14.825 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

Tgt Ion:153	Resp:	21852
Ion Ratio	Lower	Upper
153	100	
152	49.2	39.4 59.0
154	86.9	69.5 104.3

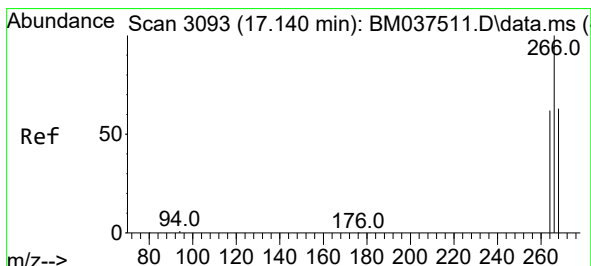
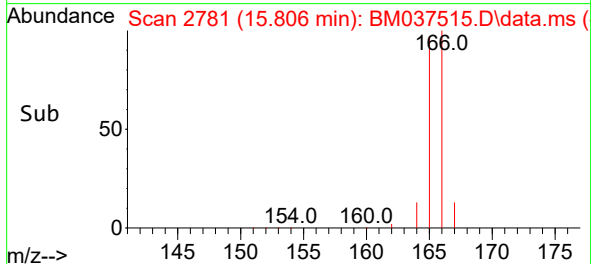
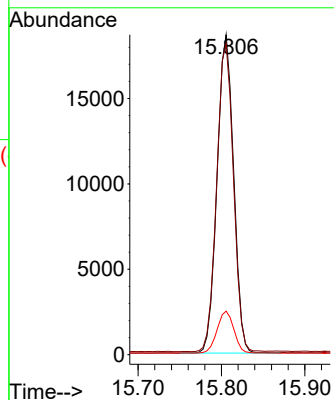
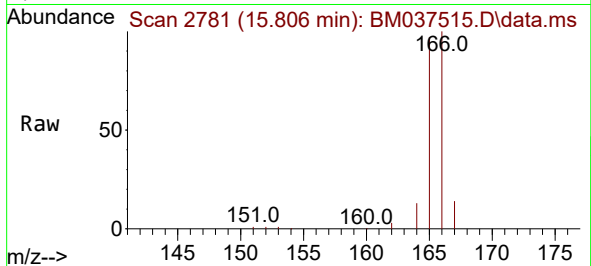




#12
Fluorene
Concen: 0.427 ng/ul
RT: 15.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

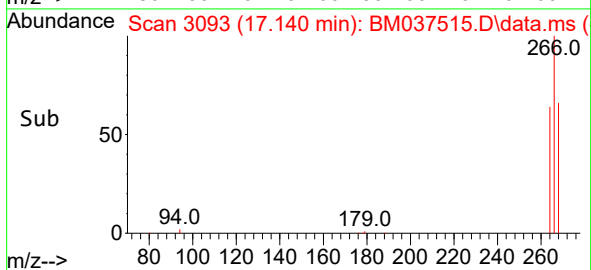
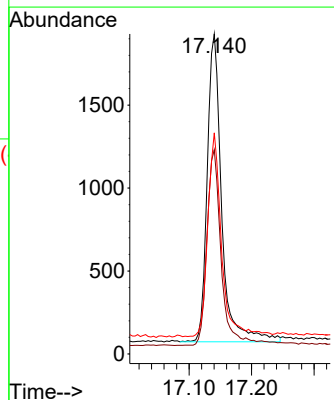
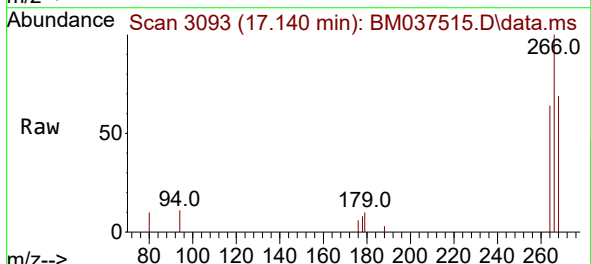
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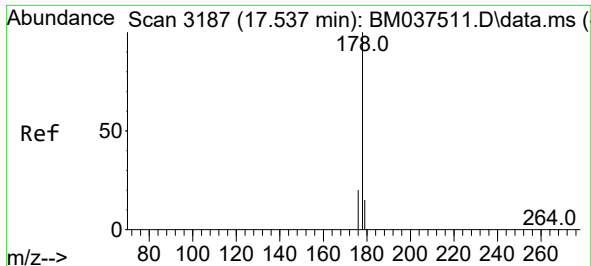
Tgt Ion:166 Resp: 25702
Ion Ratio Lower Upper
166 100
165 97.1 78.7 118.1
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.459 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. -0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

Tgt Ion:266 Resp: 2992
Ion Ratio Lower Upper
266 100
264 63.4 50.2 75.2
268 63.0 52.0 78.0

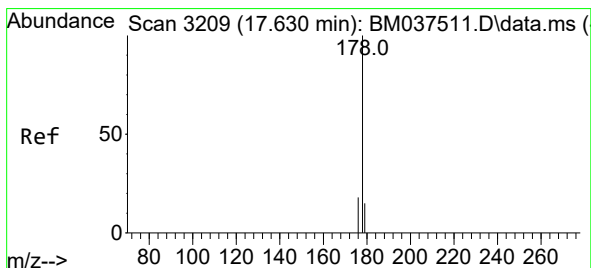
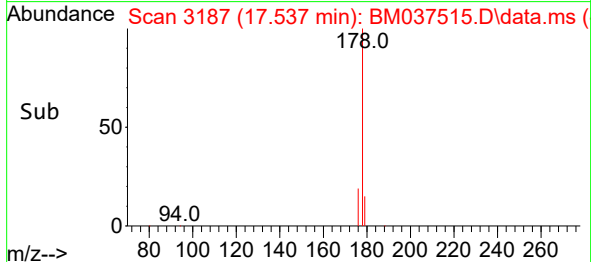
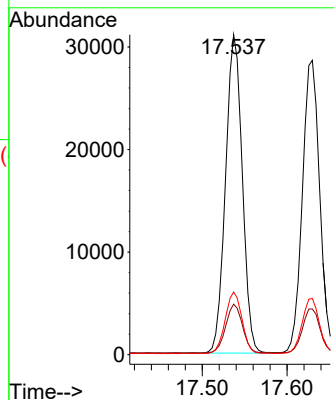
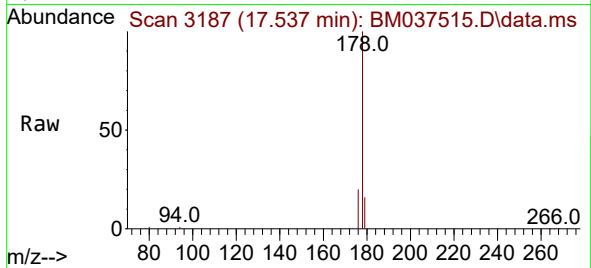




#15
Phenanthrene
Concen: 0.429 ng/ul
RT: 17.537 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

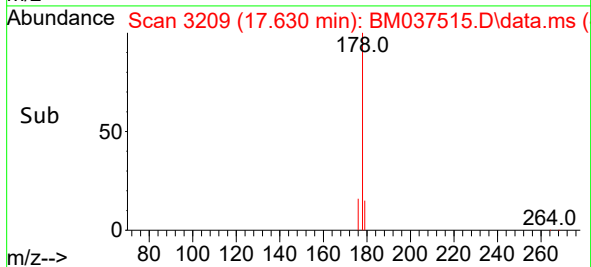
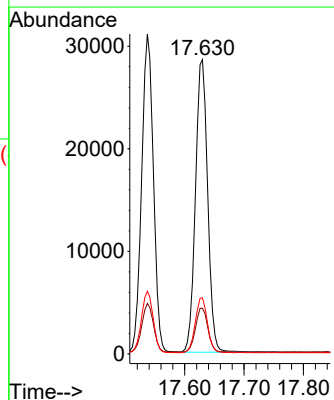
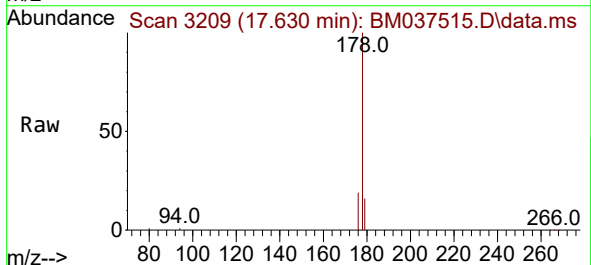
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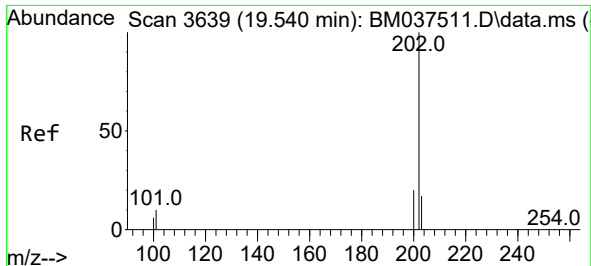
Tgt Ion:178 Resp: 42624
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.6 16.0 24.0



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.630 min Scan# 3209
Delta R.T. -0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

Tgt Ion:178 Resp: 40608
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.1 15.0 22.6

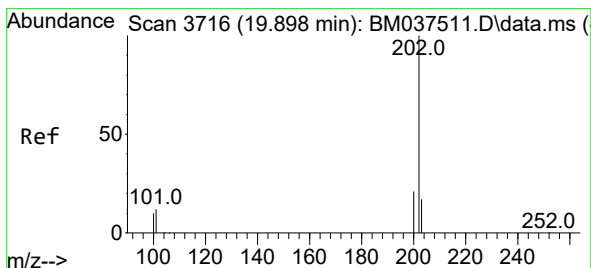
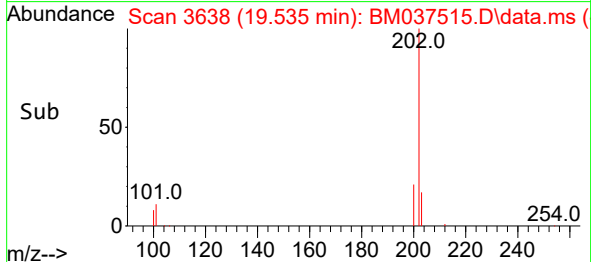
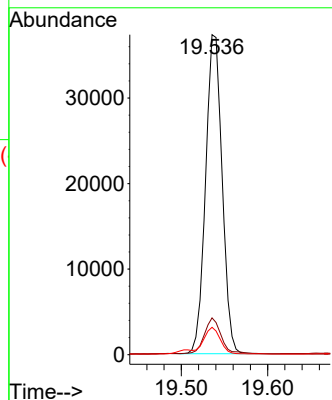
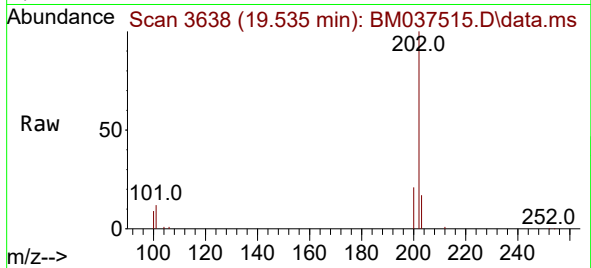




#19
Fluoranthene
Concen: 0.431 ng/ul
RT: 19.535 min Scan# 3638
Delta R.T. -0.005 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

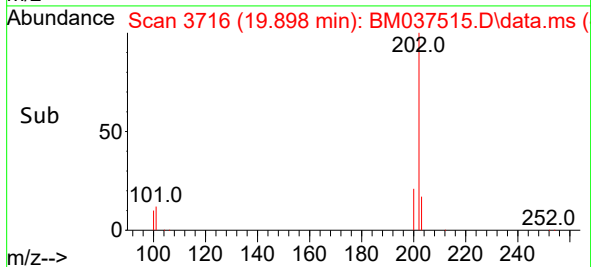
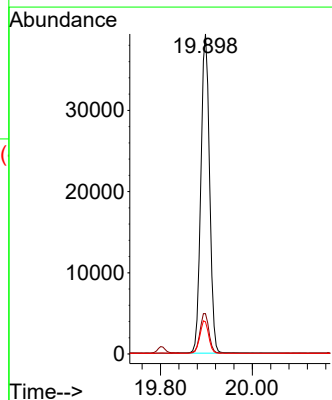
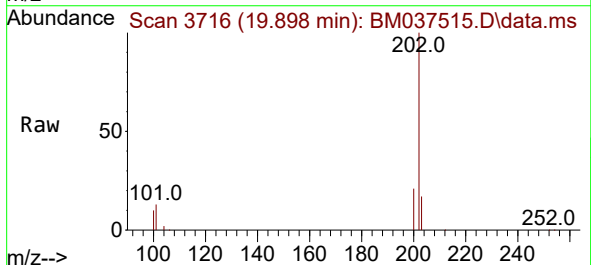
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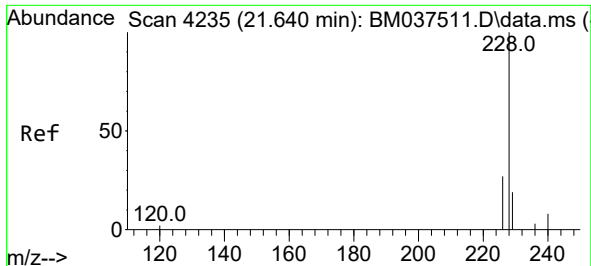
Tgt Ion:202 Resp: 49653
Ion Ratio Lower Upper
202 100
101 11.5 8.2 12.2
100 8.5 6.1 9.1



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.898 min Scan# 3716
Delta R.T. -0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

Tgt Ion:202 Resp: 51684
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 10.1 8.0 12.0

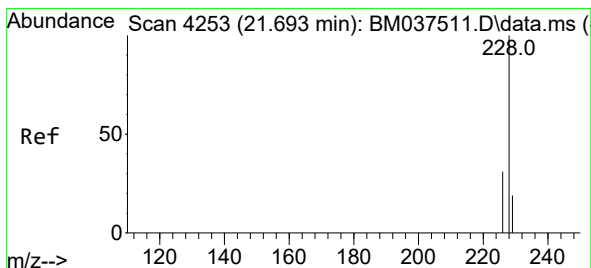
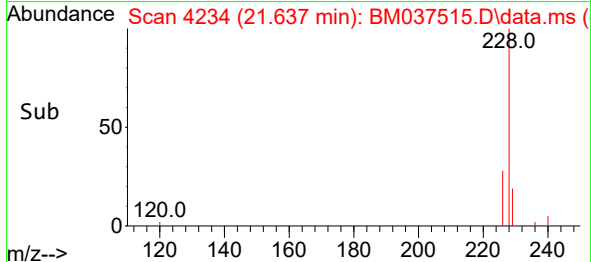
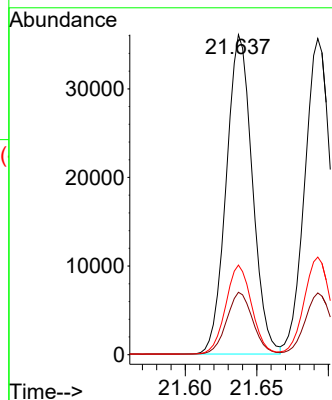
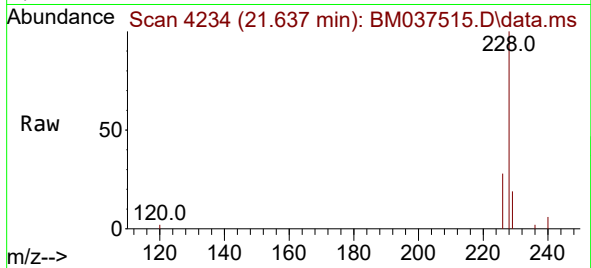




#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.637 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

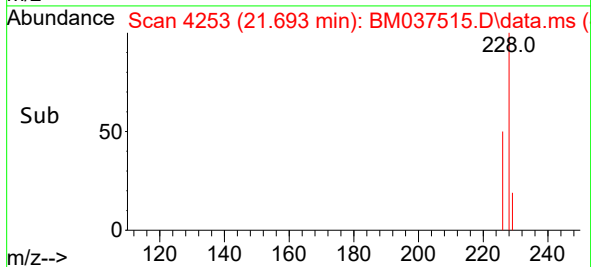
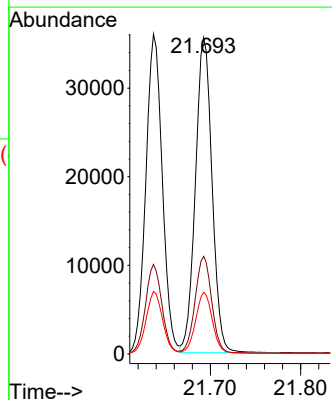
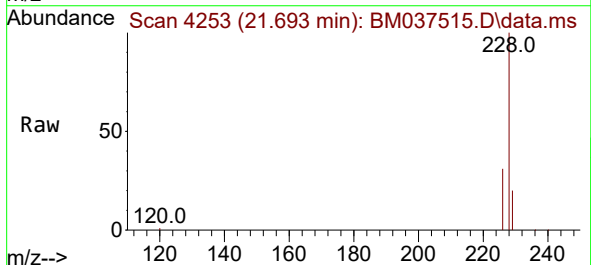
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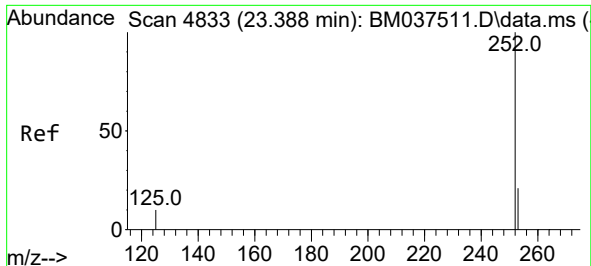
Tgt Ion:228 Resp: 45668
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 28.0 22.2 33.2



#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.693 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

Tgt Ion:228 Resp: 45474
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 19.6 15.5 23.3

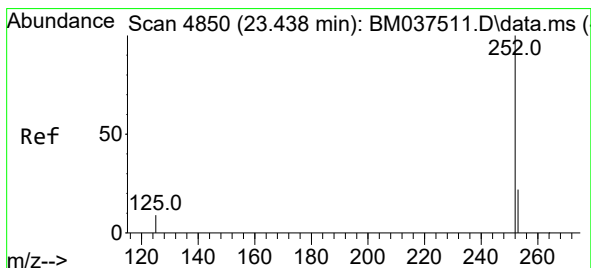
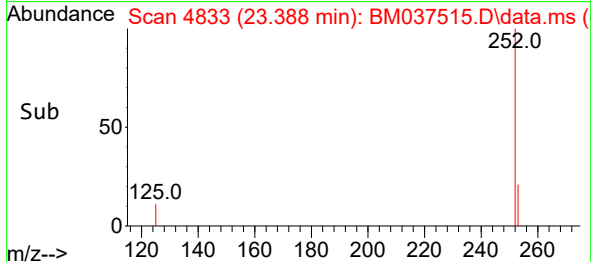
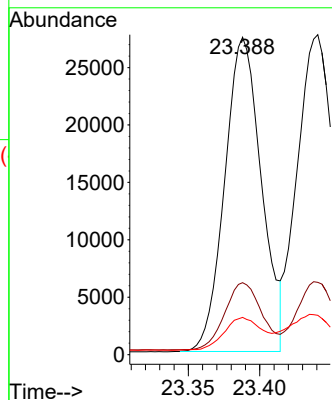
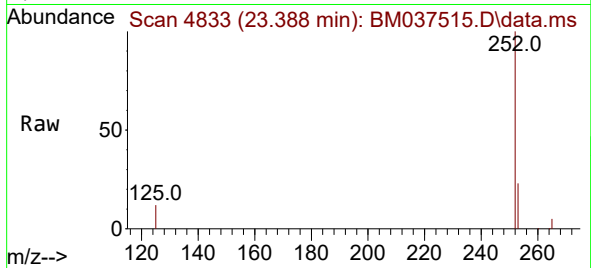




#24
Benzo(b)fluoranthene
Concen: 0.420 ng/ul
RT: 23.388 min Scan# 4833
Delta R.T. -0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

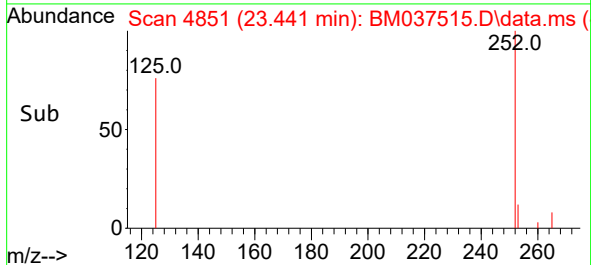
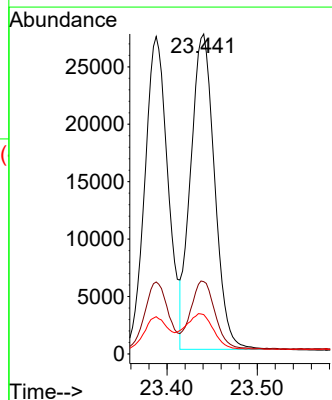
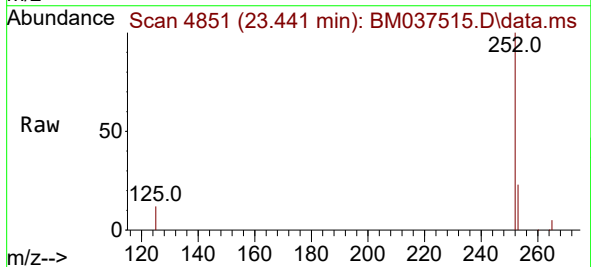
Instrument :
BNA_M
ClientSampleId :
SICV049

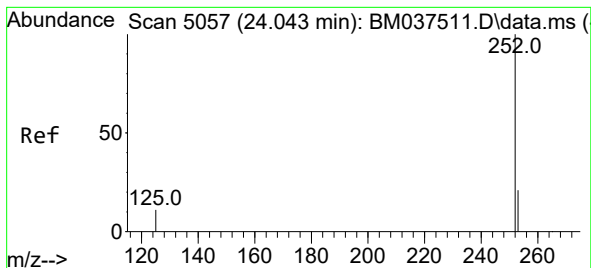
Tgt Ion:252 Resp: 48880
Ion Ratio Lower Upper
252 100
253 22.7 0.0 46.2
125 11.8 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.441 min Scan# 4851
Delta R.T. 0.003 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

Tgt Ion:252 Resp: 50484
Ion Ratio Lower Upper
252 100
253 22.6 18.8 28.2
125 12.3 9.8 14.6





#26

Benzo(a)pyrene

Concen: 0.447 ng/ul

RT: 24.043 min Scan# 5057

Delta R.T. 0.000 min

Lab File: BM037515.D

Acq: 16 Nov 2022 20:07

Instrument :

BNA_M

ClientSampleId :

SICV049

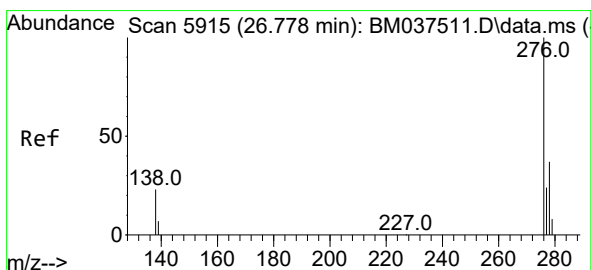
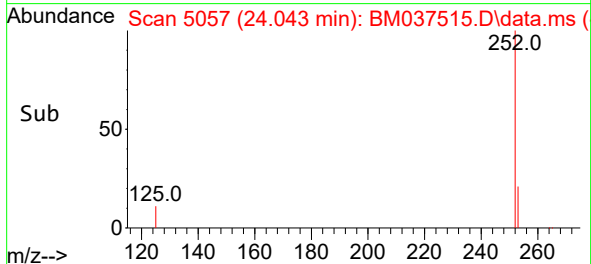
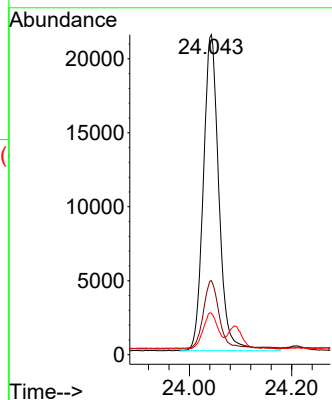
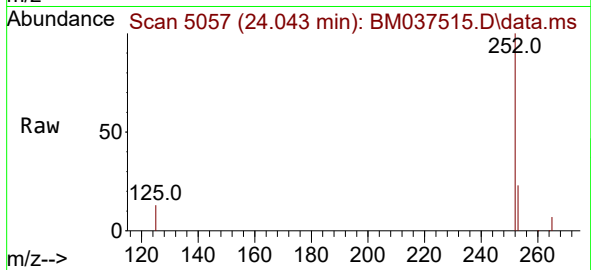
Tgt Ion:252 Resp: 45221

Ion Ratio Lower Upper

252 100

253 23.2 18.8 28.2

125 13.0 10.5 15.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.401 ng/ul

RT: 26.779 min Scan# 5915

Delta R.T. 0.000 min

Lab File: BM037515.D

Acq: 16 Nov 2022 20:07

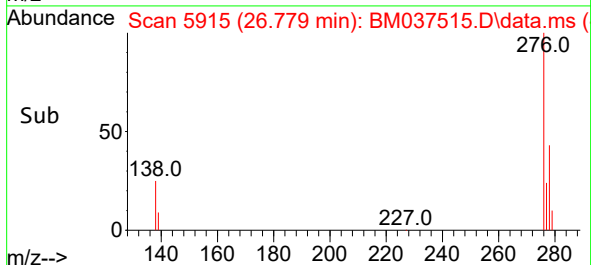
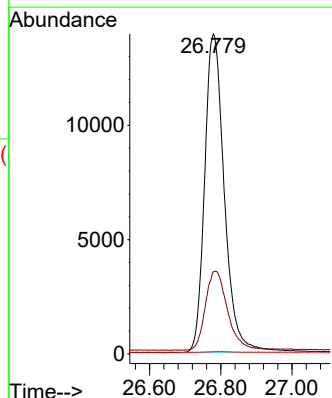
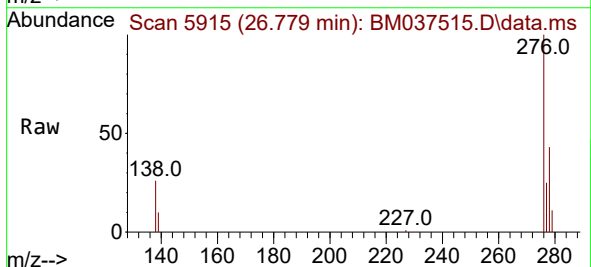
Tgt Ion:276 Resp: 53641

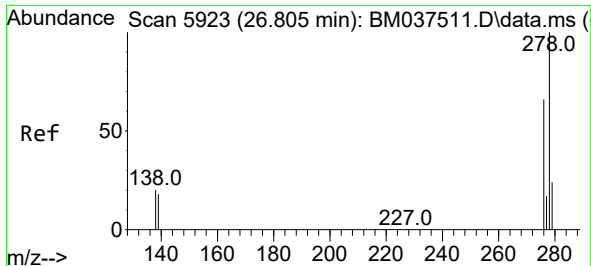
Ion Ratio Lower Upper

276 100

138 28.2 21.2 31.8

227 0.2 0.1 0.1#

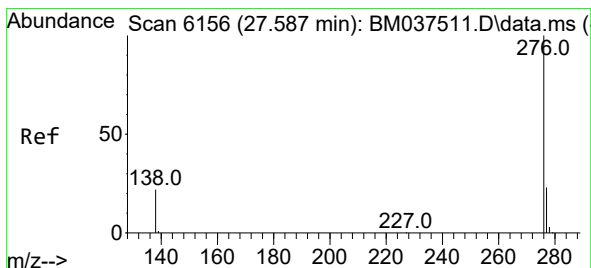
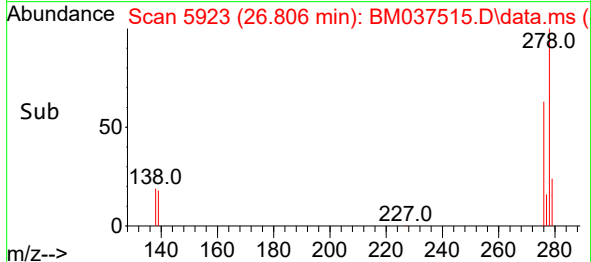
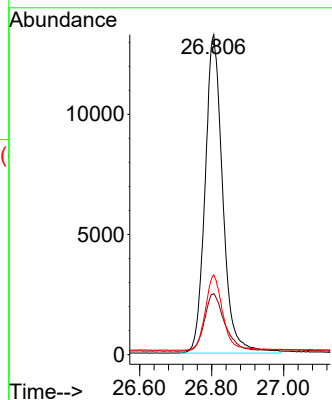
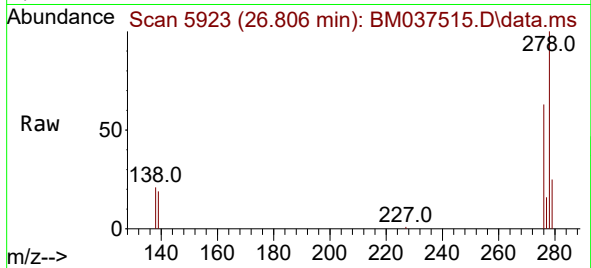




#28
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 26.806 min Scan# 5923
Delta R.T. 0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

Instrument :
BNA_M
ClientSampleId :
SICV049

Tgt Ion:278 Resp: 45113
Ion Ratio Lower Upper
278 100
139 19.1 15.2 22.8
279 25.0 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 27.587 min Scan# 6156
Delta R.T. 0.000 min
Lab File: BM037515.D
Acq: 16 Nov 2022 20:07

Tgt Ion:276 Resp: 48269
Ion Ratio Lower Upper
276 100
138 23.9 19.0 28.4
277 23.8 19.4 29.2

