

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037531.D
 Acq On : 17 Nov 2022 17:37
 Operator : CG/JU
 Sample : PB149091BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 17 18:15:16 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)

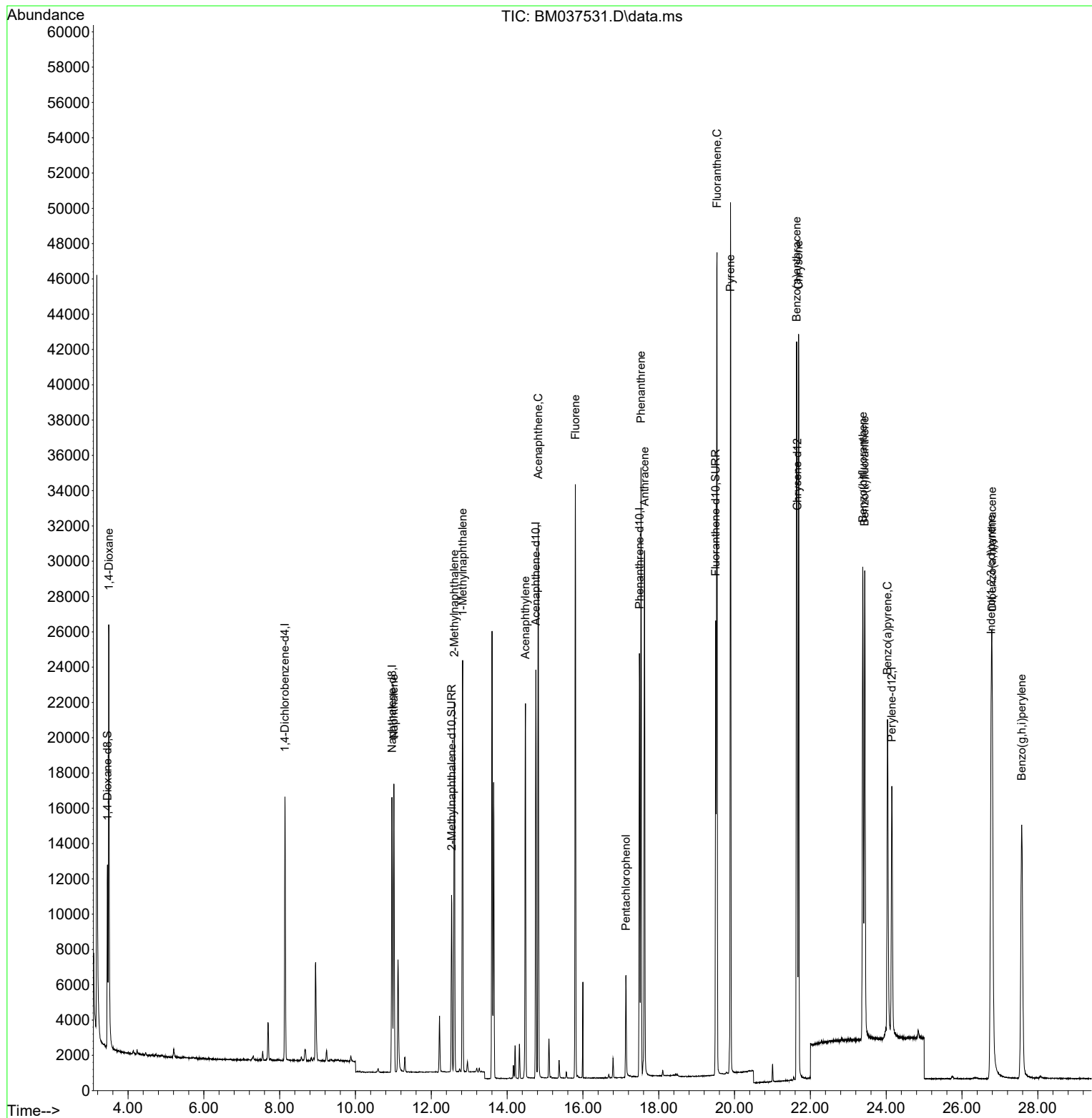
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	7300	0.400	ng/ul	0.00
4) Naphthalene-d8	10.963	136	19703	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.761	164	11922	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.491	188	26703	0.400	ng/ul	0.00
17) Chrysene-d12	21.654	240	20702	0.400	ng/ul	0.00
23) Perylene-d12	24.150	264	20097	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	6296	0.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.536	152	12069	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.504	212	26722	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.495	88	15265	1.728	ng/ul#	48
5) Naphthalene	11.012	128	21691	0.362	ng/ul	98
7) 2-Methylnaphthalene	12.607	142	14124	0.347	ng/ul	100
8) 1-Methylnaphthalene	12.827	142	15186	0.364	ng/ul	99
10) Acenaphthylene	14.483	152	22882	0.346	ng/ul	99
11) Acenaphthene	14.821	153	17257	0.373	ng/ul	99
12) Fluorene	15.802	166	20291	0.365	ng/ul	99
14) Pentachlorophenol	17.137	266	3899	0.651	ng/ul	99
15) Phenanthrene	17.534	178	34383	0.376	ng/ul	100
16) Anthracene	17.626	178	31604	0.359	ng/ul	100
19) Fluoranthene	19.536	202	38971	0.390	ng/ul	98
20) Pyrene	19.894	202	39381	0.379	ng/ul	98
21) Benzo(a)anthracene	21.636	228	33759	0.365	ng/ul	99
22) Chrysene	21.692	228	35991	0.392	ng/ul	100
24) Benzo(b)fluoranthene	23.384	252	36484	0.398	ng/ul	98
25) Benzo(k)fluoranthene	23.434	252	36837	0.398	ng/ul	99
26) Benzo(a)pyrene	24.036	252	30305	0.380	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.771	276	40087	0.380	ng/ul	95
28) Dibenzo(a,h)anthracene	26.795	278	32267	0.389	ng/ul	98
29) Benzo(g,h,i)perylene	27.576	276	33970	0.379	ng/ul	98

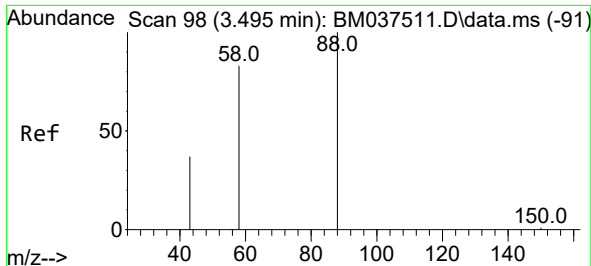
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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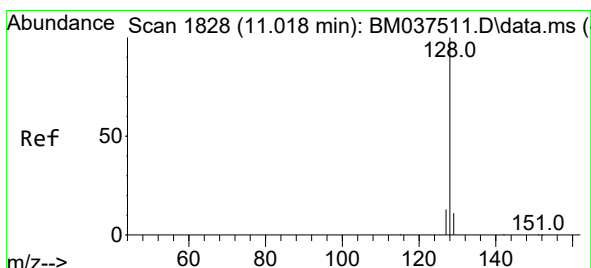
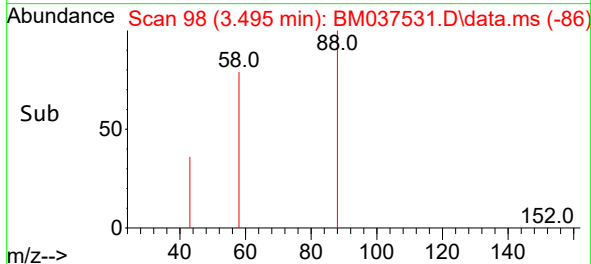
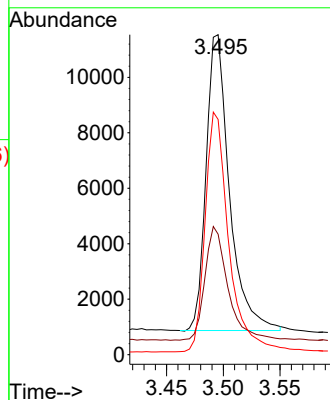
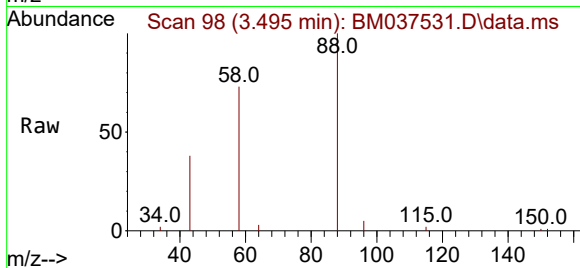




#2
1,4-Dioxane
Concen: 1.728 ng/ul
RT: 3.495 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

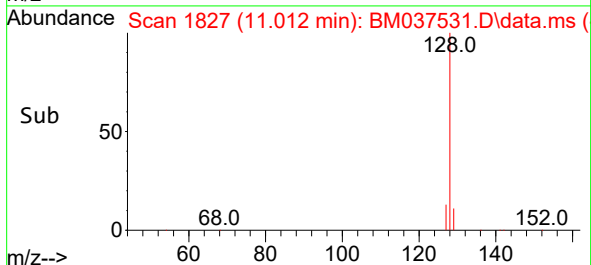
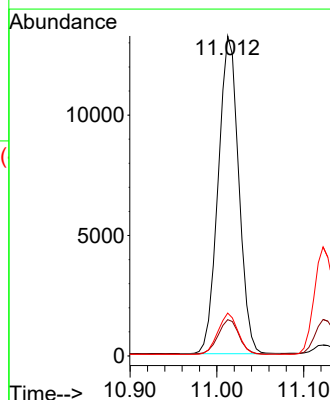
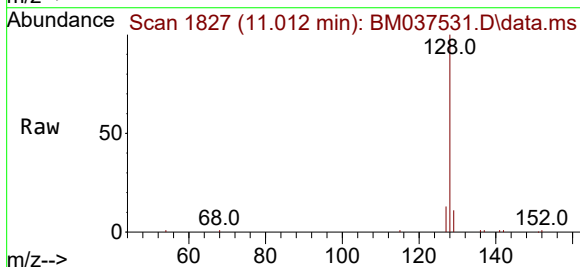
Instrument :
BNA_M
ClientSampleId :

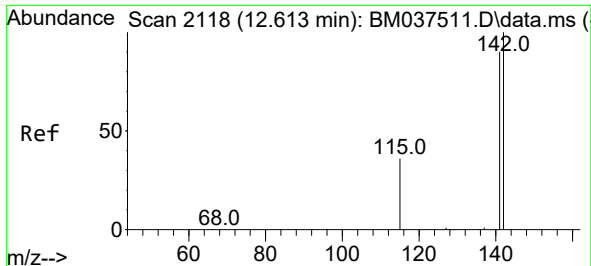
Tgt Ion: 88 Resp: 15265
Ion Ratio Lower Upper
88 100
43 37.6 102.8 154.2#
58 73.5 67.3 100.9



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 11.012 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

Tgt Ion: 128 Resp: 21691
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.4 11.0 16.4

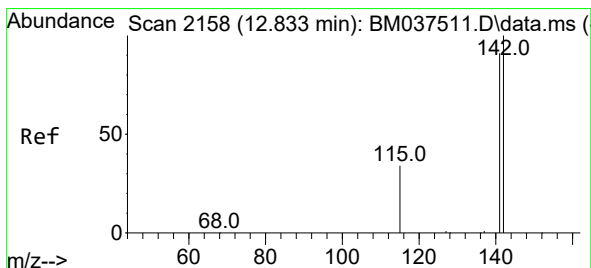
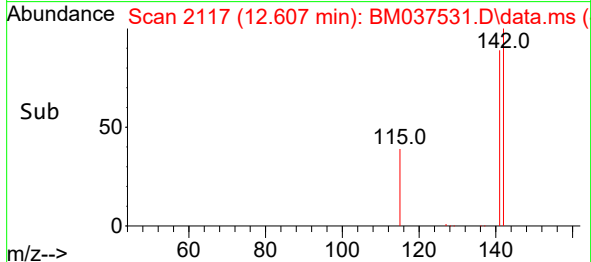
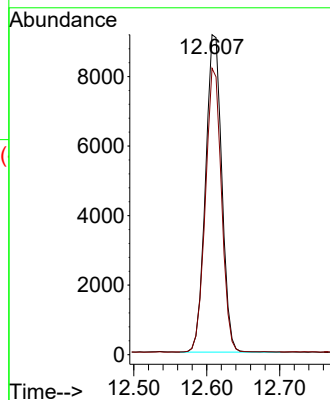
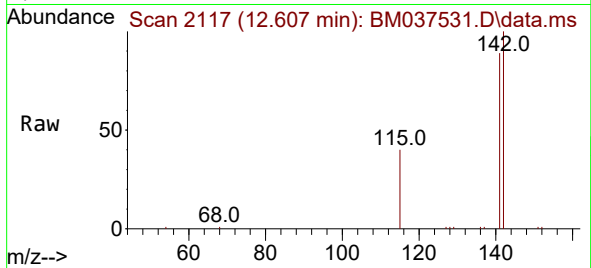




#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

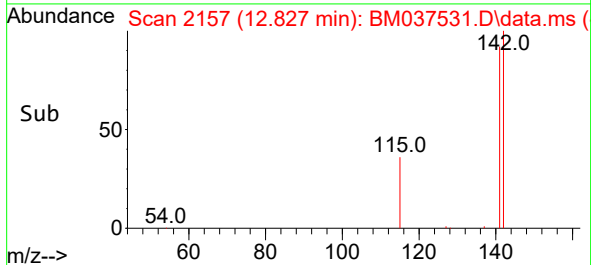
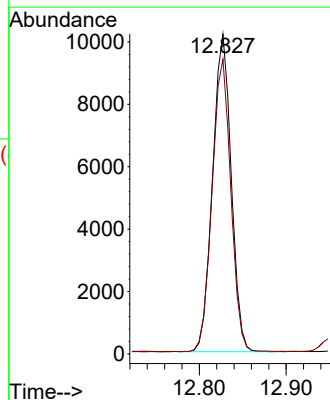
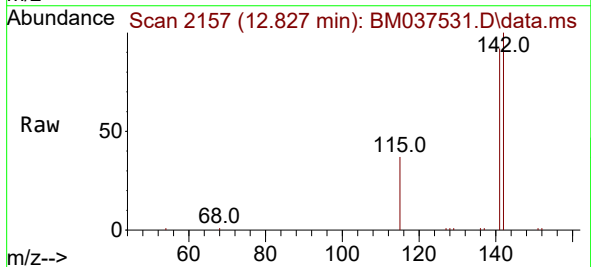
Instrument :
BNA_M
ClientSampleId :

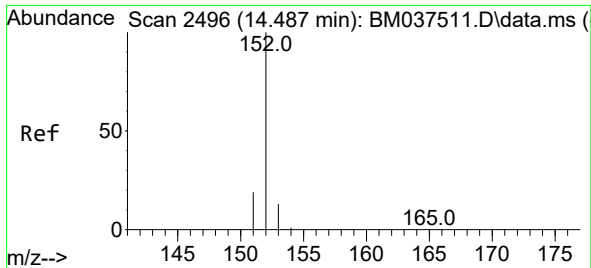
Tgt Ion:142 Resp: 14124
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.827 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

Tgt Ion:142 Resp: 15186
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0

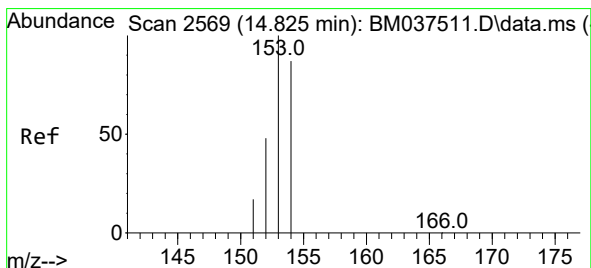
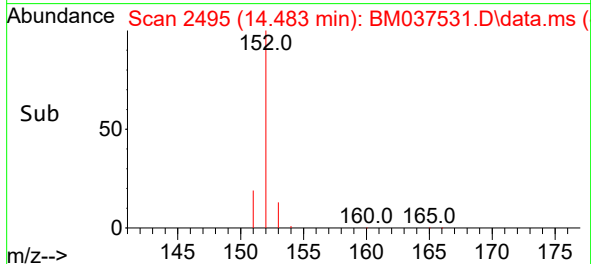
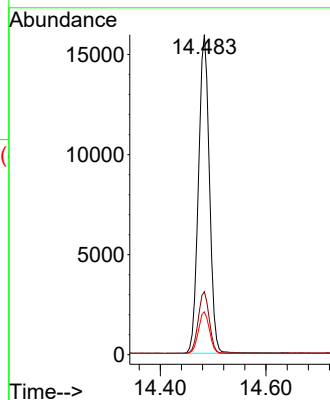
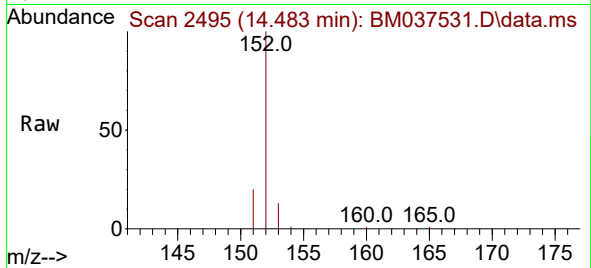




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.004 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

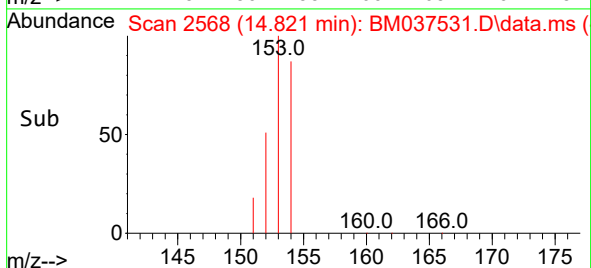
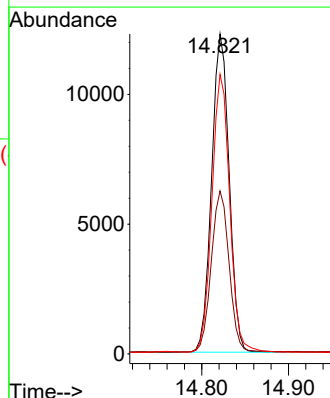
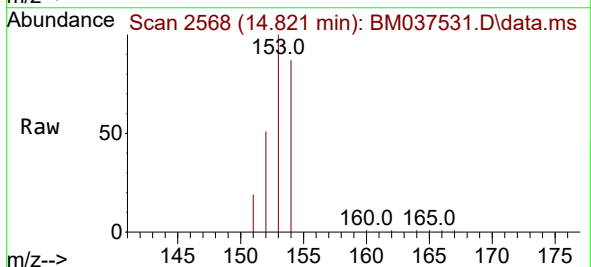
Instrument :
BNA_M
ClientSampleId :

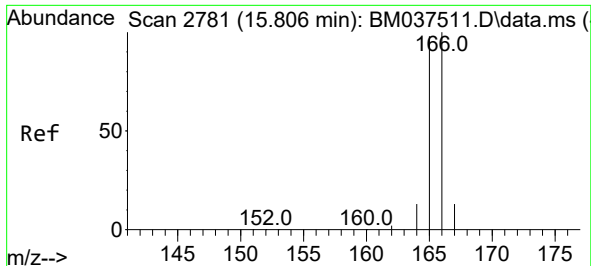
Tgt Ion:152 Resp: 22882
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.4 11.0 16.4



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.821 min Scan# 2568
Delta R.T. -0.004 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

Tgt Ion:153 Resp: 17257
Ion Ratio Lower Upper
153 100
152 50.9 39.4 59.0
154 87.4 69.5 104.3

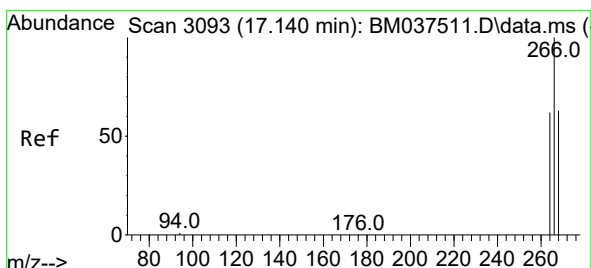
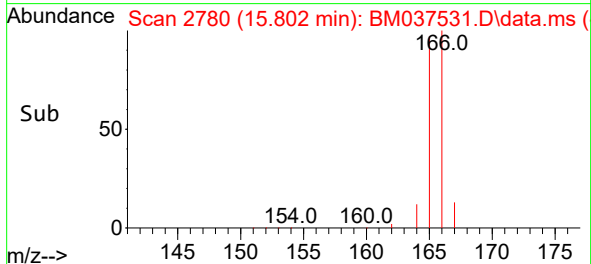
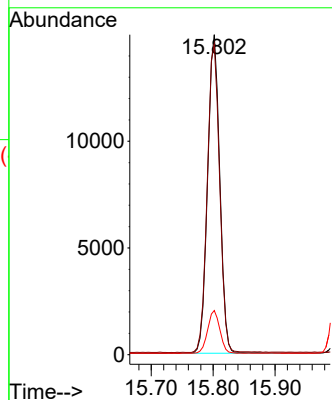
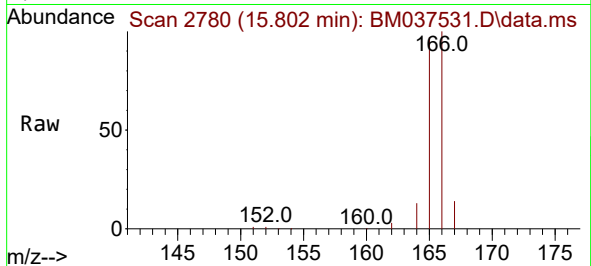




#12
 Fluorene
 Concen: 0.365 ng/ul
 RT: 15.802 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BM037531.D
 Acq: 17 Nov 2022 17:37

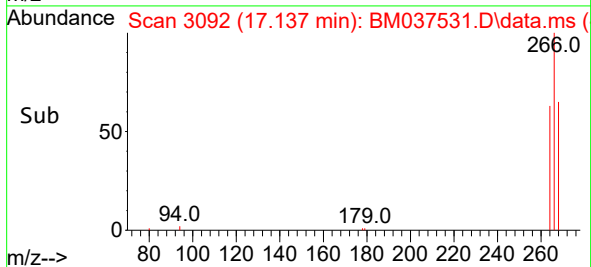
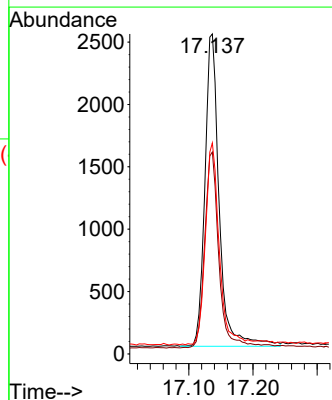
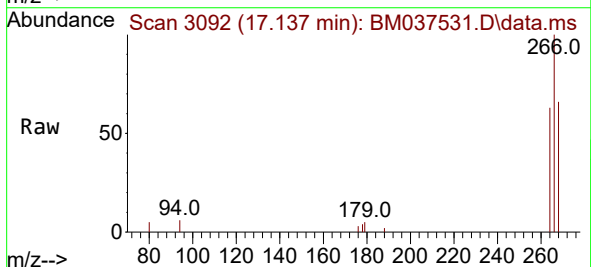
Instrument :
 BNA_M
 ClientSampleId :

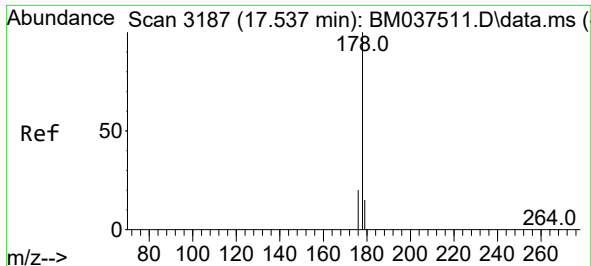
Tgt Ion:166 Resp: 20291
 Ion Ratio Lower Upper
 166 100
 165 97.1 78.7 118.1
 167 13.8 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.651 ng/ul
 RT: 17.137 min Scan# 3092
 Delta R.T. -0.003 min
 Lab File: BM037531.D
 Acq: 17 Nov 2022 17:37

Tgt Ion:266 Resp: 3899
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.2 75.2
 268 63.9 52.0 78.0

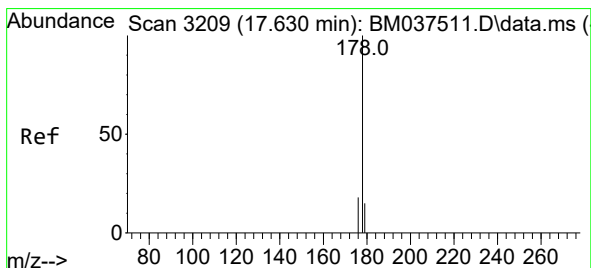
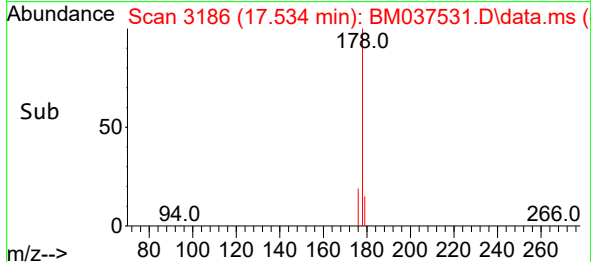
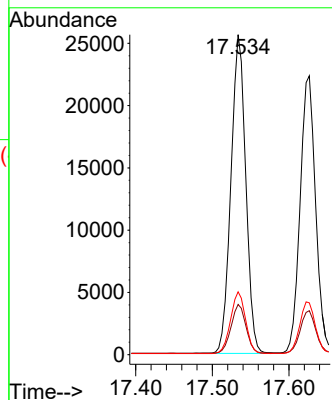
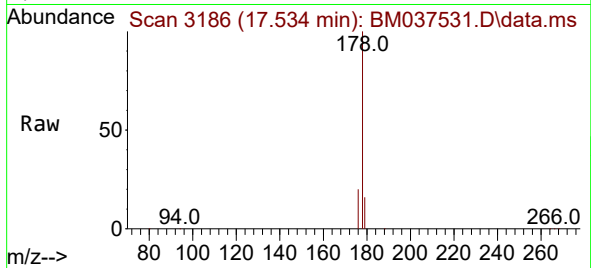




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.534 min Scan# 3186
Delta R.T. -0.003 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

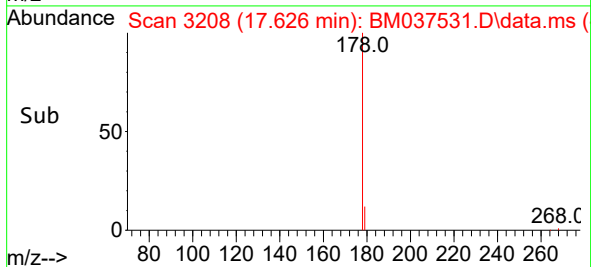
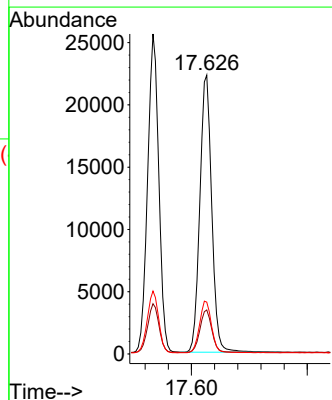
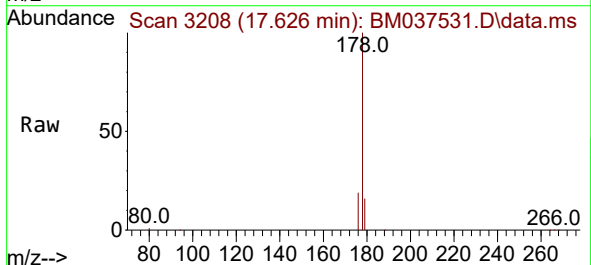
Instrument :
BNA_M
ClientSampleId :

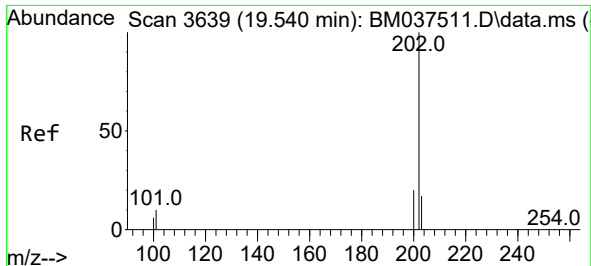
Tgt Ion:178 Resp: 34383
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.7 16.0 24.0



#16
Anthracene
Concen: 0.359 ng/ul
RT: 17.626 min Scan# 3208
Delta R.T. -0.003 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

Tgt Ion:178 Resp: 31604
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 18.6 15.0 22.6

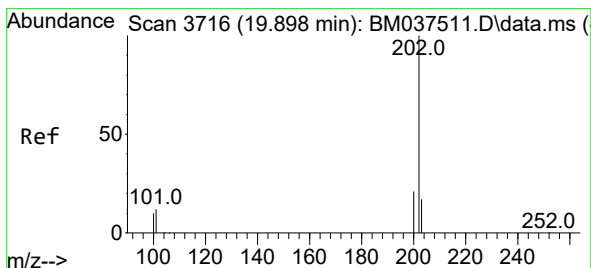
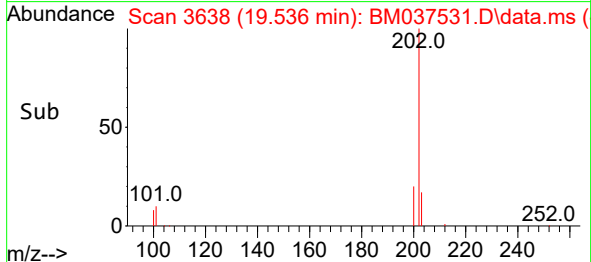
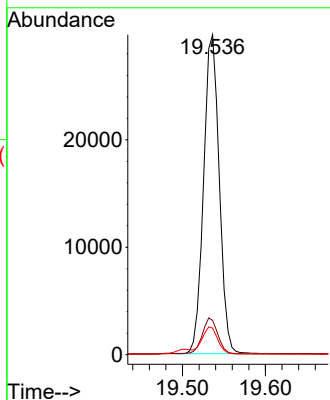
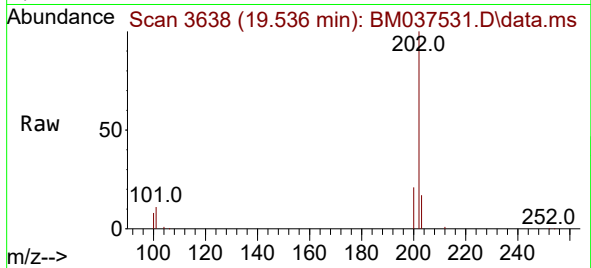




#19
Fluoranthene
Concen: 0.390 ng/ul
RT: 19.536 min Scan# 3638
Delta R.T. -0.004 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

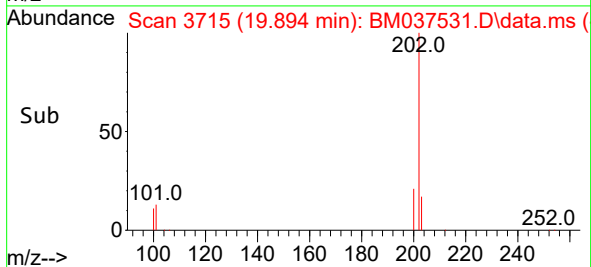
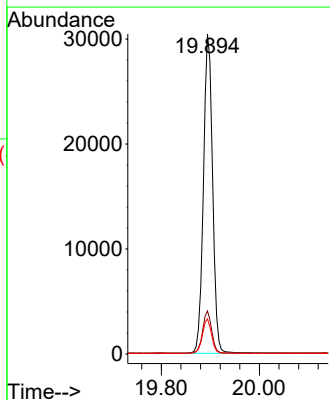
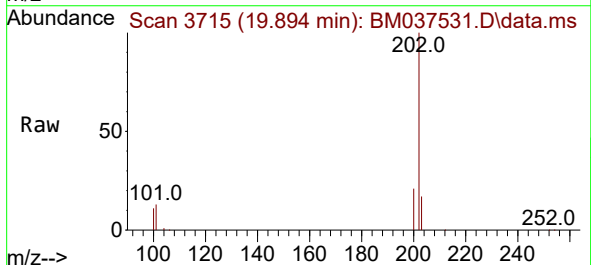
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ClientSampleId :

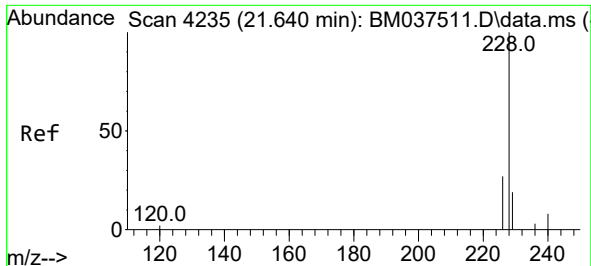
Tgt Ion:202 Resp: 38971
Ion Ratio Lower Upper
202 100
101 10.7 8.2 12.2
100 8.3 6.1 9.1



#20
Pyrene
Concen: 0.379 ng/ul
RT: 19.894 min Scan# 3715
Delta R.T. -0.004 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

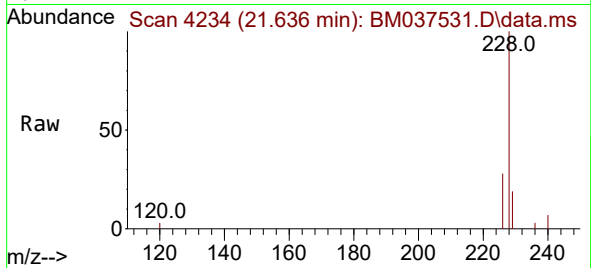
Tgt Ion:202 Resp: 39381
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 11.0 8.0 12.0



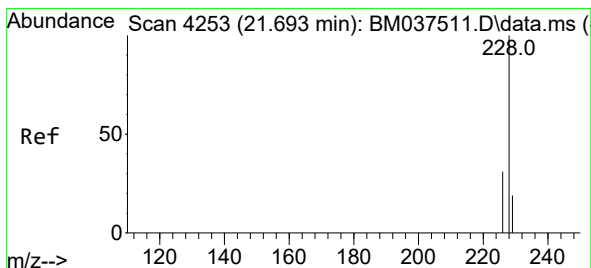
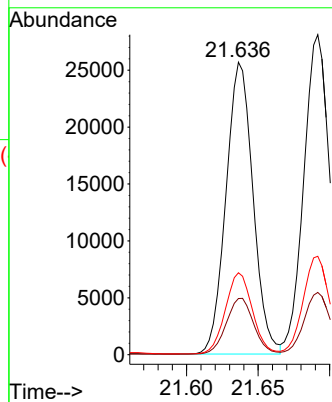
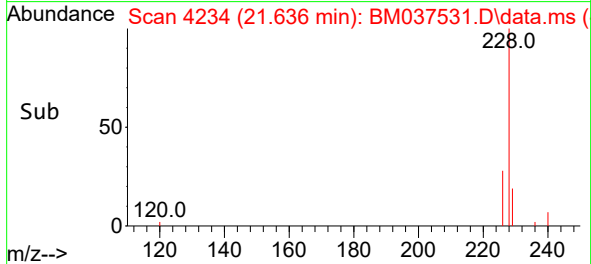


#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.636 min Scan# 4234
Delta R.T. -0.004 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

Instrument :
BNA_M
ClientSampleId :

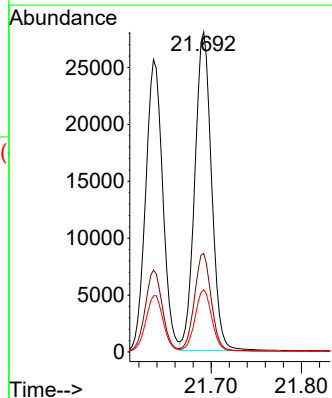
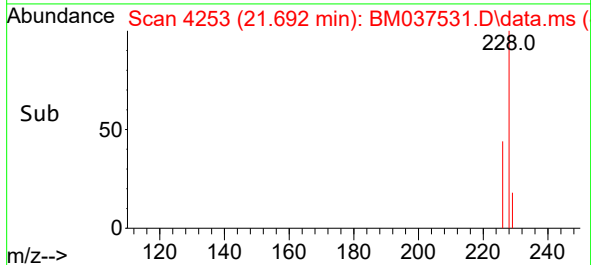
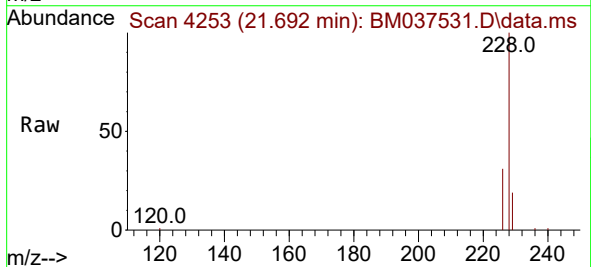


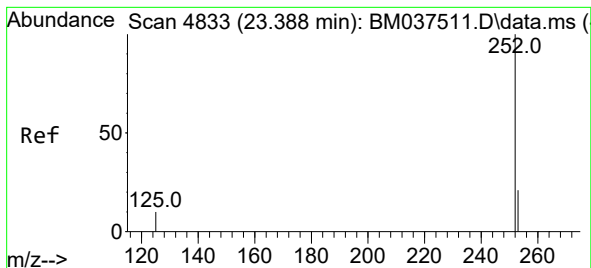
Tgt Ion:228 Resp: 33759
Ion Ratio Lower Upper
228 100
229 19.2 15.7 23.5
226 28.0 22.2 33.2



#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.692 min Scan# 4253
Delta R.T. -0.001 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

Tgt Ion:228 Resp: 35991
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.5 15.5 23.3





#24

Benzo(b)fluoranthene

Concen: 0.398 ng/ul

RT: 23.384 min Scan# 4832

Delta R.T. -0.004 min

Lab File: BM037531.D

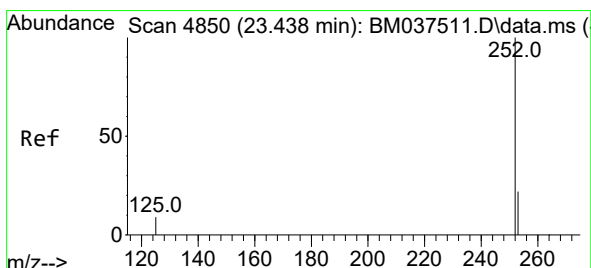
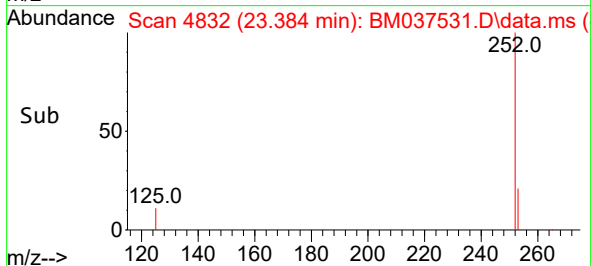
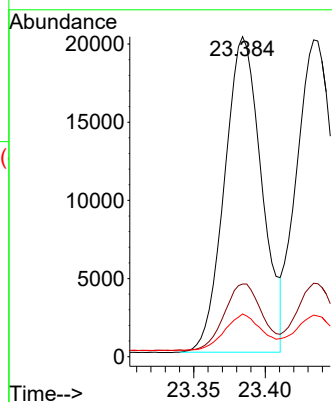
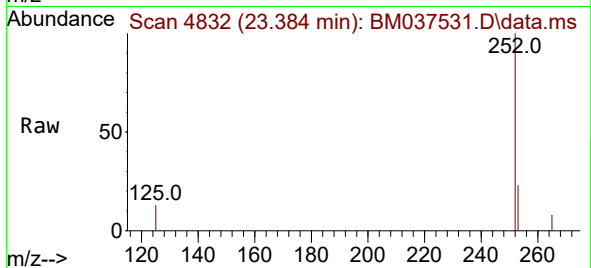
Acq: 17 Nov 2022 17:37

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	36484
Ion Ratio	Lower	Upper
252	100	
253	22.7	0.0 46.2
125	13.4	0.0 23.4



#25

Benzo(k)fluoranthene

Concen: 0.398 ng/ul

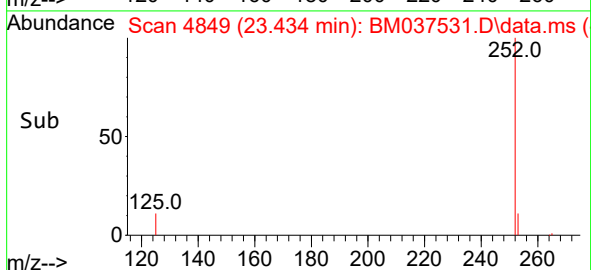
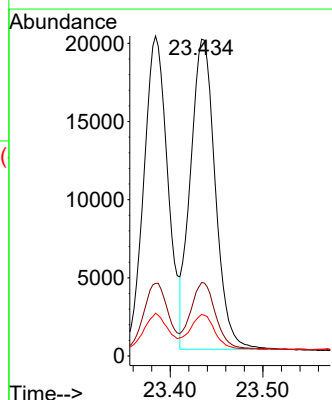
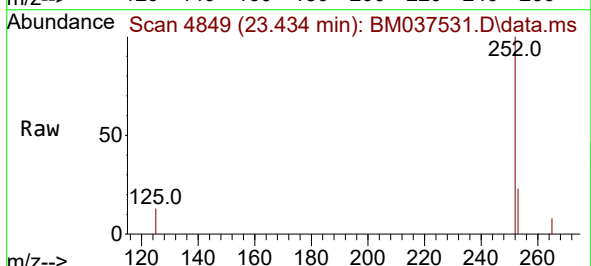
RT: 23.434 min Scan# 4849

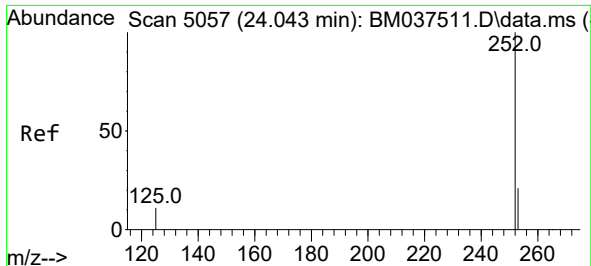
Delta R.T. -0.004 min

Lab File: BM037531.D

Acq: 17 Nov 2022 17:37

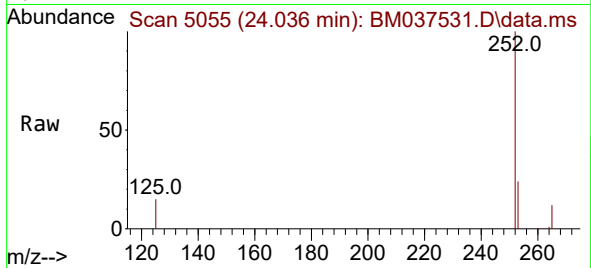
Tgt Ion:252	Resp:	36837
Ion Ratio	Lower	Upper
252	100	
253	23.2	18.8 28.2
125	13.1	9.8 14.6



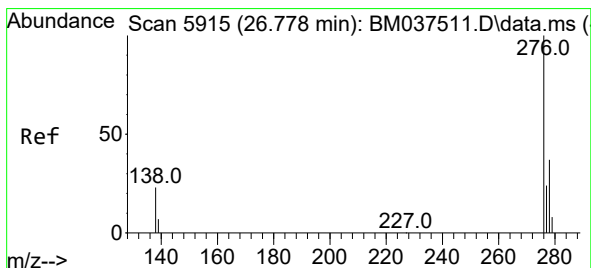
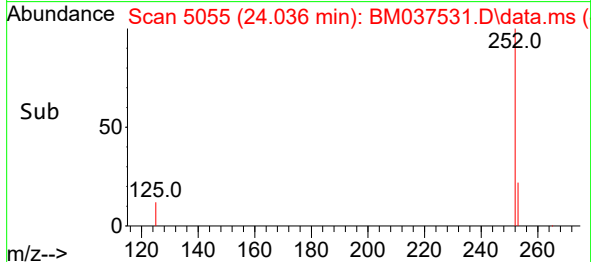
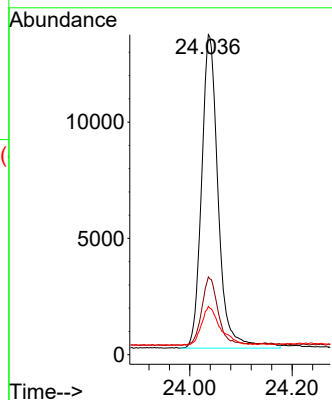


#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 24.036 min Scan# 5055
Delta R.T. -0.007 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

Instrument :
BNA_M
ClientSampleId :

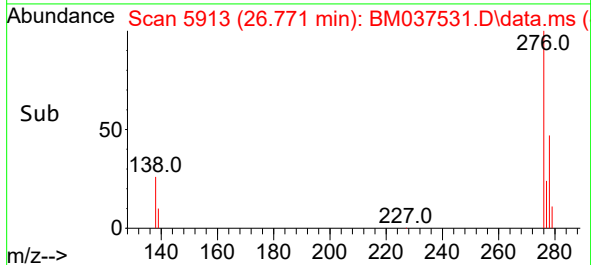
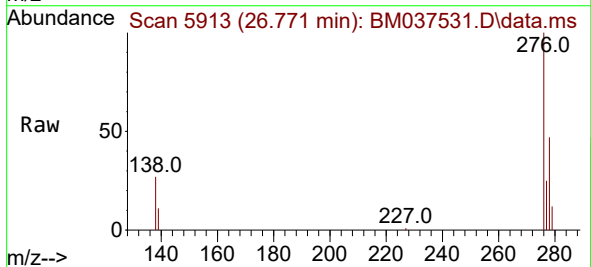
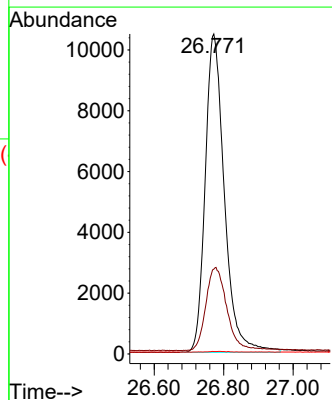


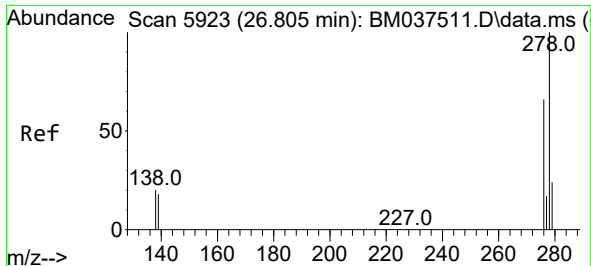
Tgt Ion:252 Resp: 30305
Ion Ratio Lower Upper
252 100
253 24.3 18.8 28.2
125 15.1 10.5 15.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.771 min Scan# 5913
Delta R.T. -0.007 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

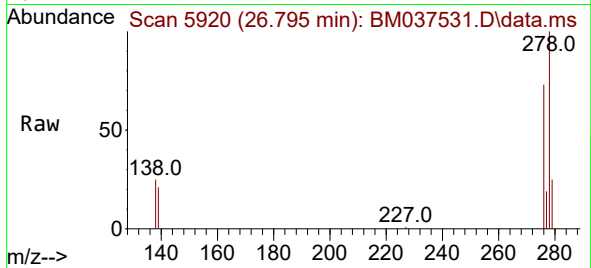
Tgt Ion:276 Resp: 40087
Ion Ratio Lower Upper
276 100
138 29.0 21.2 31.8
227 0.1 0.1 0.1



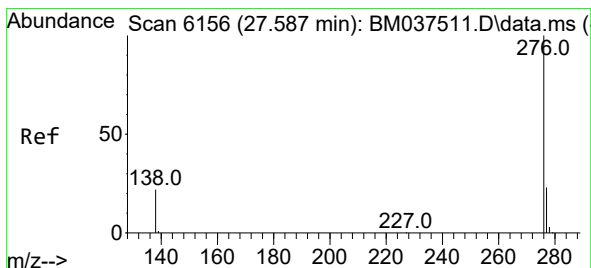
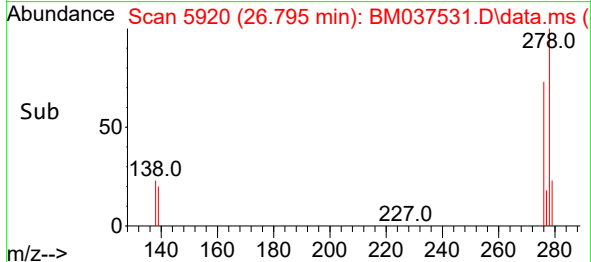
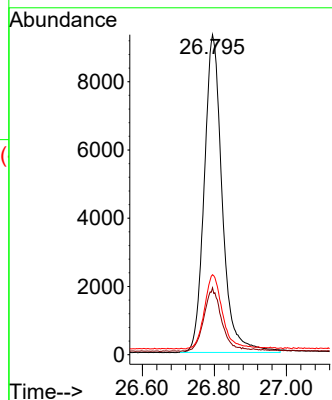


#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 26.795 min Scan# 5920
Delta R.T. -0.011 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 32267
Ion Ratio Lower Upper
278 100
139 20.9 15.2 22.8
279 25.0 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 27.576 min Scan# 6153
Delta R.T. -0.011 min
Lab File: BM037531.D
Acq: 17 Nov 2022 17:37

Tgt Ion:276 Resp: 33970
Ion Ratio Lower Upper
276 100
138 25.2 19.0 28.4
277 23.9 19.4 29.2

