

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
 Data File : BM037511.D
 Acq On : 16 Nov 2022 17:41
 Operator : CG/JU
 Sample : SST0.487
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4045

Quant Time: Nov 17 00:34:07 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 00:28:35 2022
 Response via : Initial Calibration

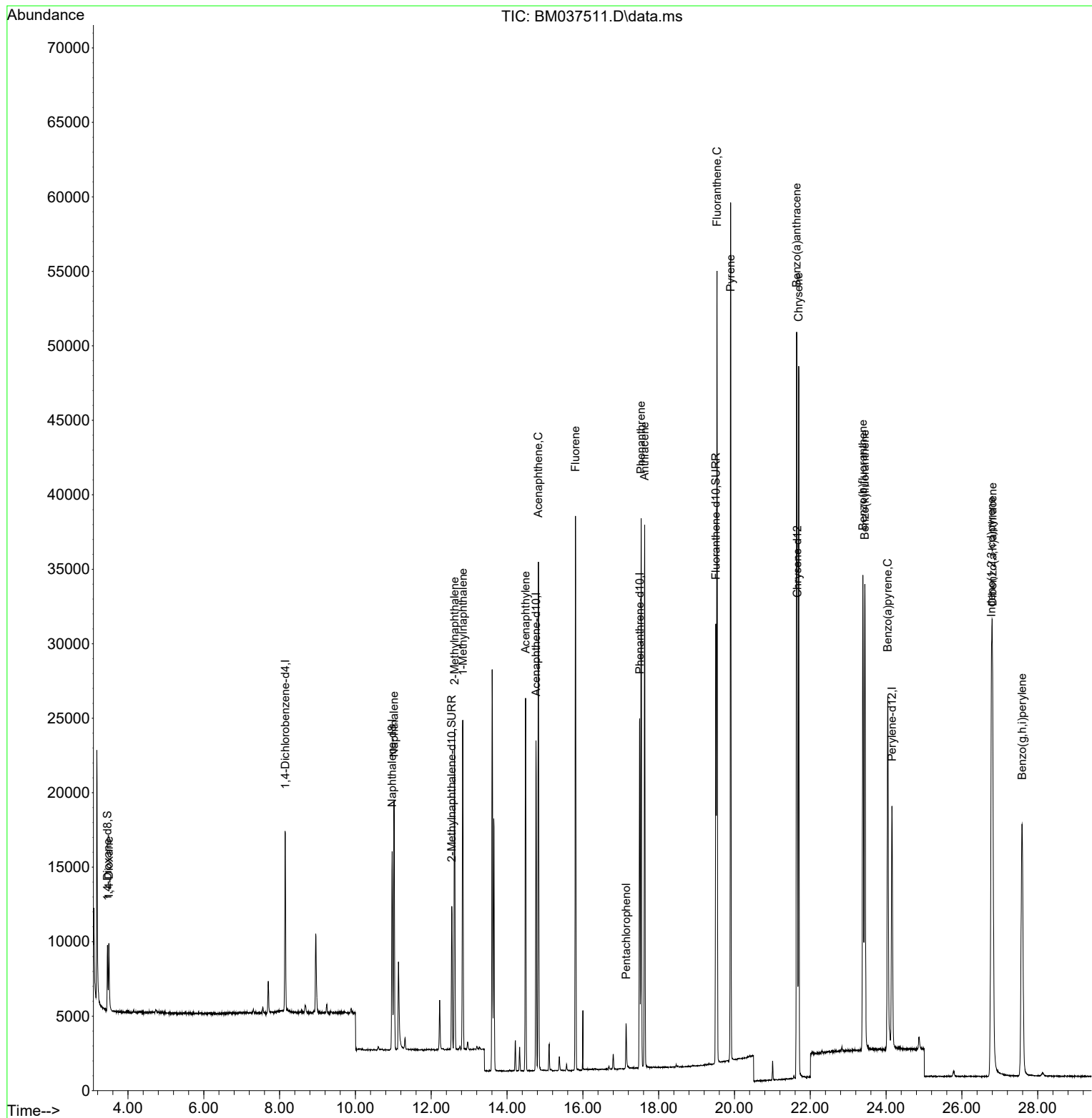
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	5998	0.400	ng/ul	0.00
4) Naphthalene-d8	10.968	136	17076	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.765	164	11629	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.499	188	26966	0.400	ng/ul	0.00
17) Chrysene-d12	21.658	240	22094	0.400	ng/ul	0.00
23) Perylene-d12	24.154	264	22986	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	3061	0.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.541	152	11841	0.461	ng/ul	0.00
18) Fluoranthene-d10	19.508	212	30473	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.495	88	2942	0.391	ng/ul	100
5) Naphthalene	11.018	128	21714	0.439	ng/ul	100
7) 2-Methylnaphthalene	12.613	142	14783	0.477	ng/ul	100
8) 1-Methylnaphthalene	12.833	142	15168	0.475	ng/ul	100
10) Acenaphthylene	14.487	152	26736	0.540	ng/ul	100
11) Acenaphthene	14.825	153	18704	0.427	ng/ul	100
12) Fluorene	15.806	166	22556	0.450	ng/ul	100
14) Pentachlorophenol	17.140	266	2188	0.307	ng/ul	100
15) Phenanthrene	17.537	178	37863	0.410	ng/ul	100
16) Anthracene	17.630	178	36644	0.487	ng/ul	100
19) Fluoranthene	19.540	202	44290	0.423	ng/ul	100
20) Pyrene	19.898	202	46112	0.421	ng/ul	100
21) Benzo(a)anthracene	21.640	228	40548	0.425	ng/ul	100
22) Chrysene	21.693	228	40628	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.388	252	43273	0.328	ng/ul	100
25) Benzo(k)fluoranthene	23.438	252	43601	0.345	ng/ul	100
26) Benzo(a)pyrene	24.043	252	37723	0.342	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.778	276	49353	0.336	ng/ul	100
28) Dibenzo(a,h)anthracene	26.805	278	38925	0.344	ng/ul	100
29) Benzo(g,h,i)perylene	27.587	276	41978	0.330	ng/ul	100

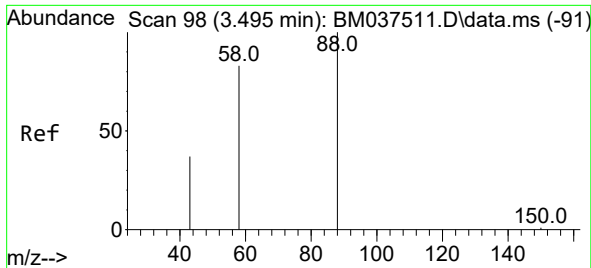
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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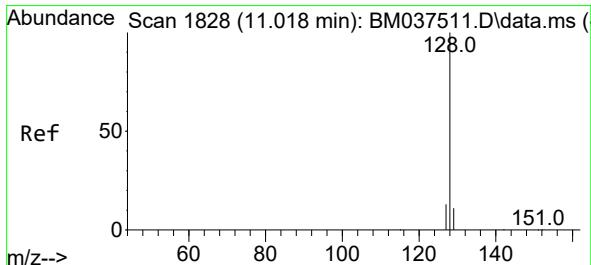
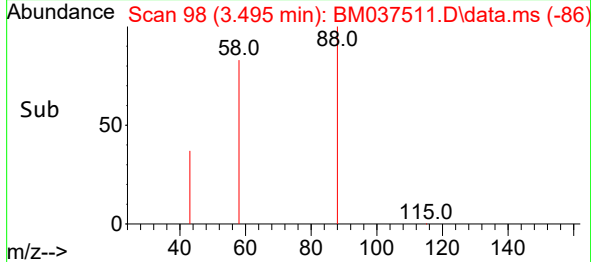
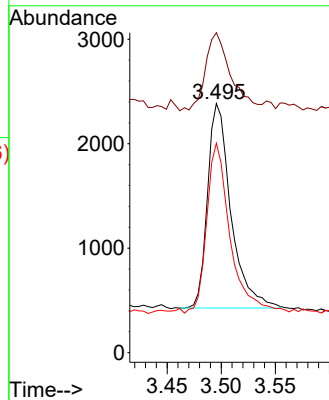
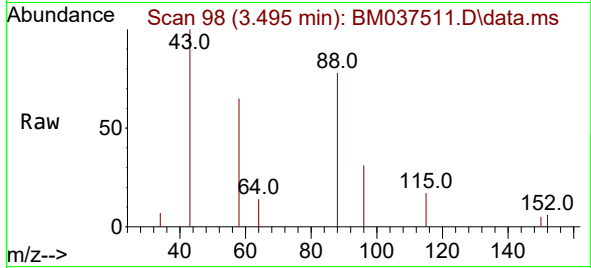




#2
1,4-Dioxane
Concen: 0.391 ng/ul
RT: 3.495 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

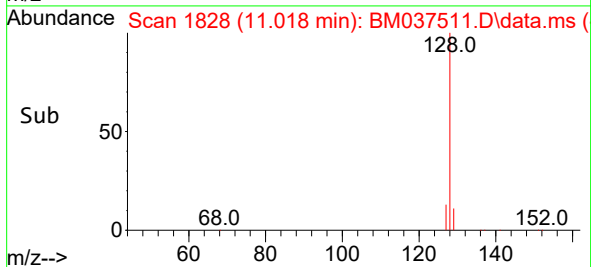
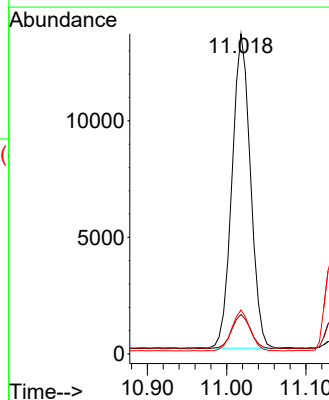
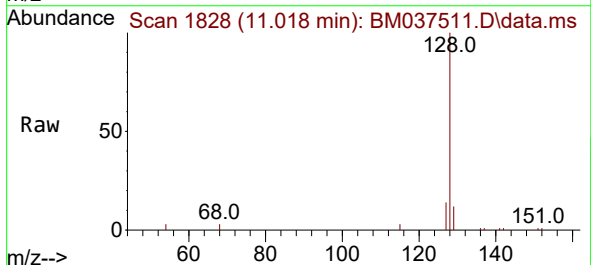
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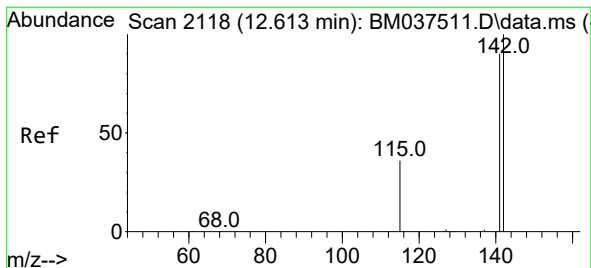
Tgt Ion: 88 Resp: 2942
Ion Ratio Lower Upper
88 100
43 128.5 102.8 154.2
58 84.1 67.3 100.9



#5
Naphthalene
Concen: 0.439 ng/ul
RT: 11.018 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

Tgt Ion: 128 Resp: 21714
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.8
127 13.7 11.0 16.4

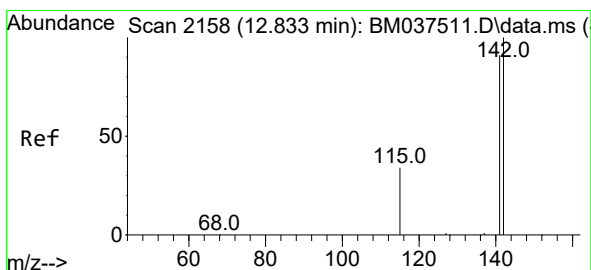
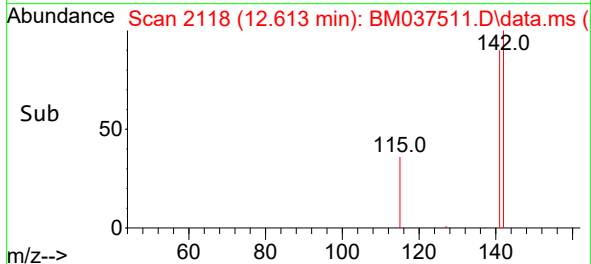
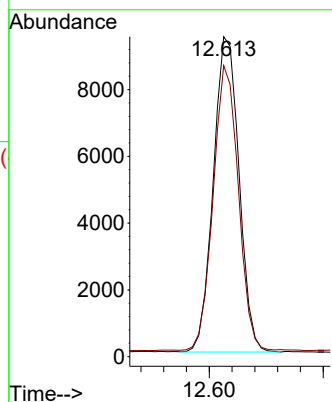
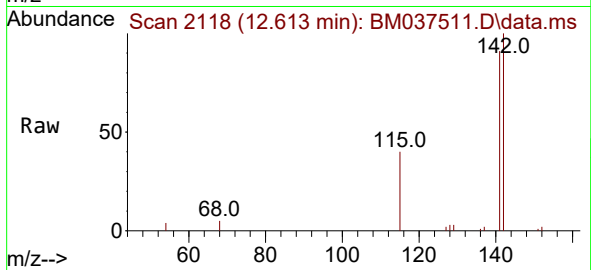




#7
2-Methylnaphthalene
Concen: 0.477 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

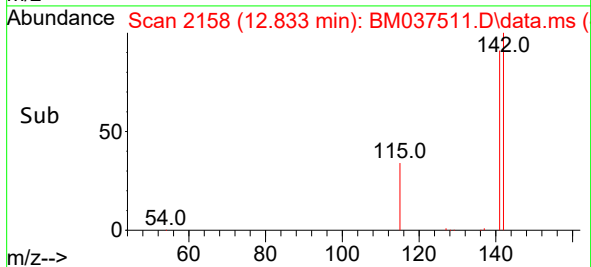
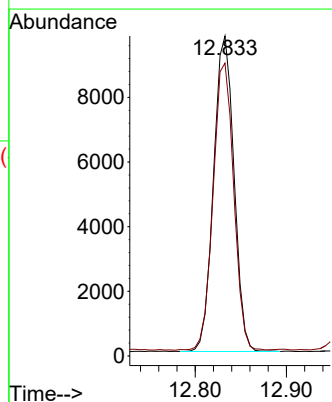
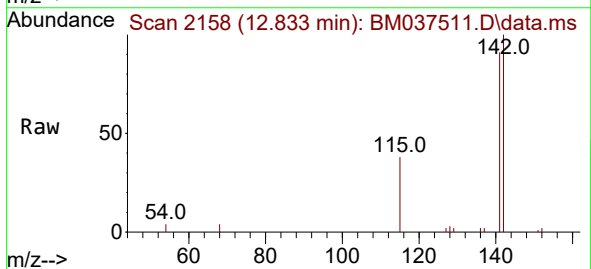
Instrument :
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ClientSampleId :
SSTD0.4045

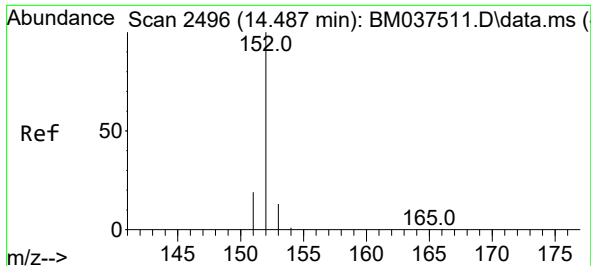
Tgt Ion:142 Resp: 14783
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.475 ng/ul
RT: 12.833 min Scan# 2158
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

Tgt Ion:142 Resp: 15168
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0

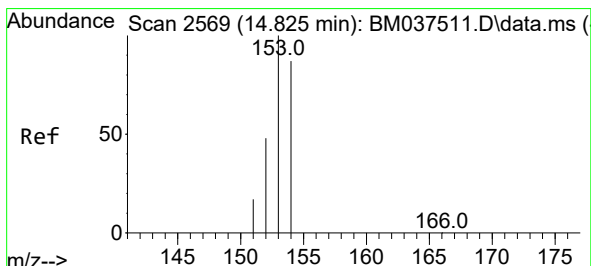
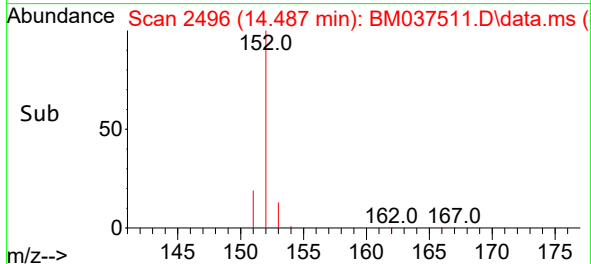
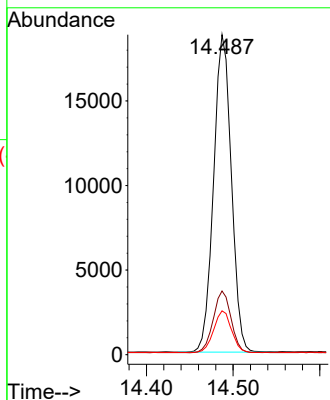
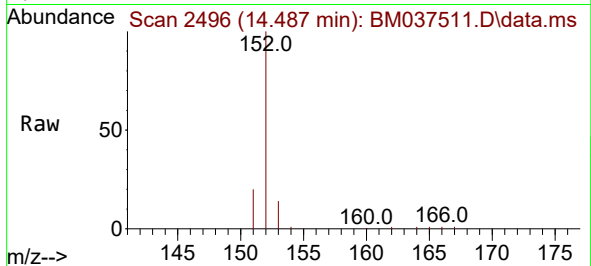




#10
Acenaphthylene
Concen: 0.540 ng/ul
RT: 14.487 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

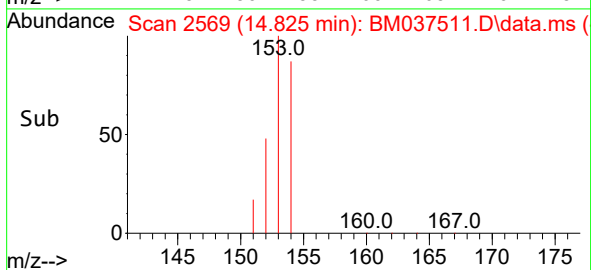
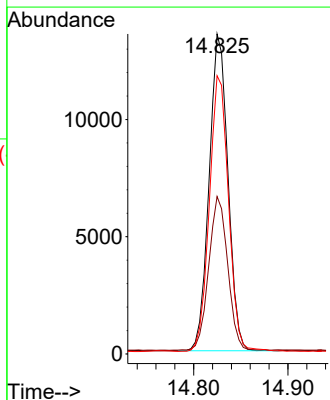
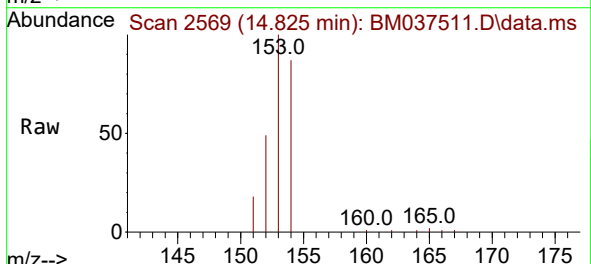
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

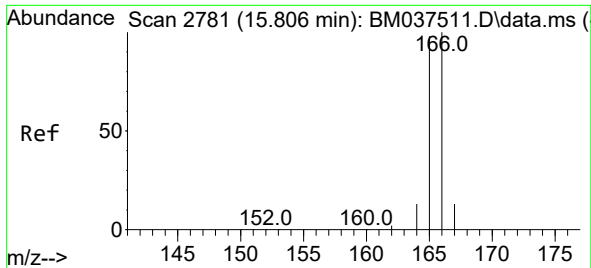
Tgt Ion:	152	Resp:	26736
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	13.7	11.0	16.4



#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.825 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

Tgt Ion:	153	Resp:	18704
Ion Ratio	Lower	Upper	
153	100		
152	49.2	39.4	59.0
154	86.9	69.5	104.3

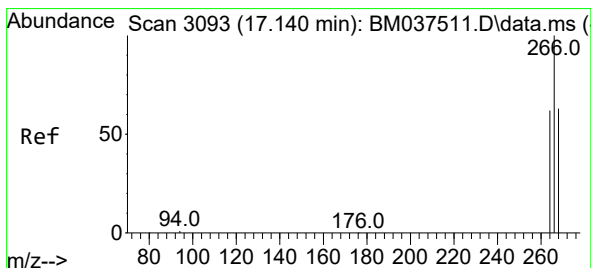
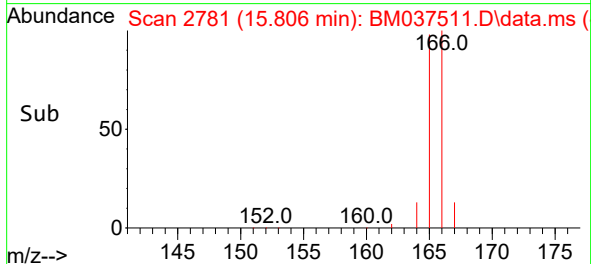
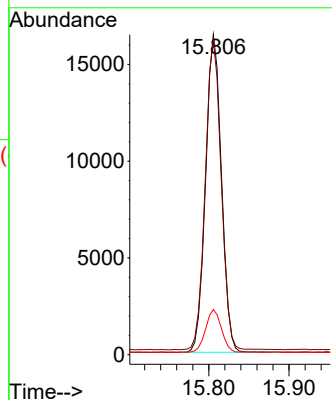
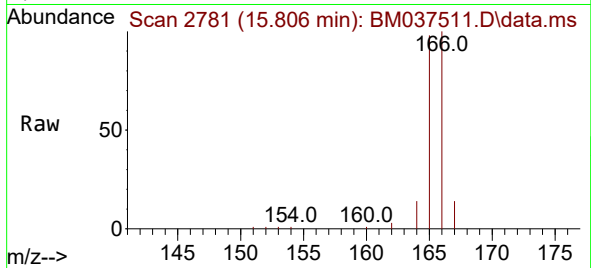




#12
Fluorene
Concen: 0.450 ng/ul
RT: 15.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

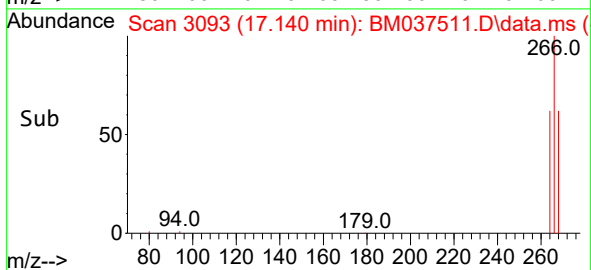
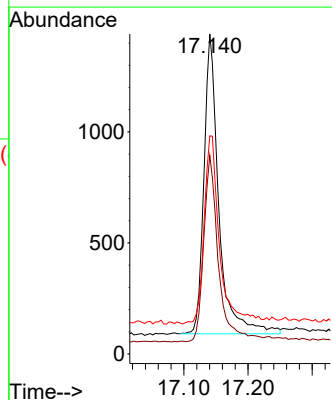
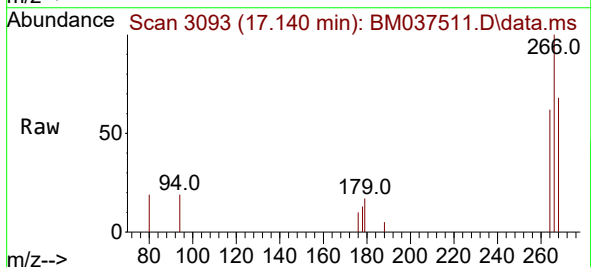
Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

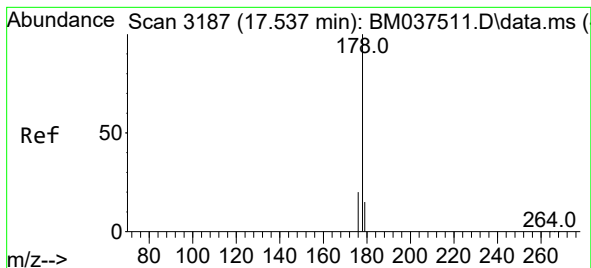
Tgt Ion:166 Resp: 22556
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.307 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

Tgt Ion:266 Resp: 2188
Ion Ratio Lower Upper
266 100
264 62.7 50.2 75.2
268 65.0 52.0 78.0





#15

Phenanthrene

Concen: 0.410 ng/ul

RT: 17.537 min Scan# 3187

Delta R.T. 0.000 min

Lab File: BM037511.D

Acq: 16 Nov 2022 17:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4045

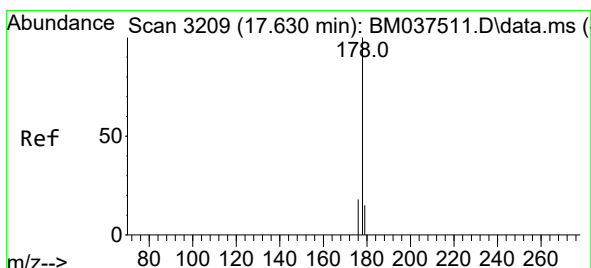
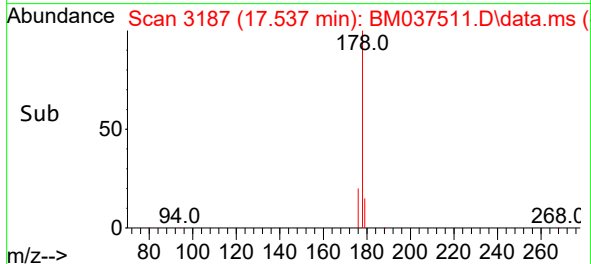
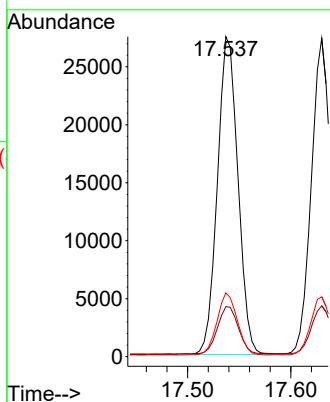
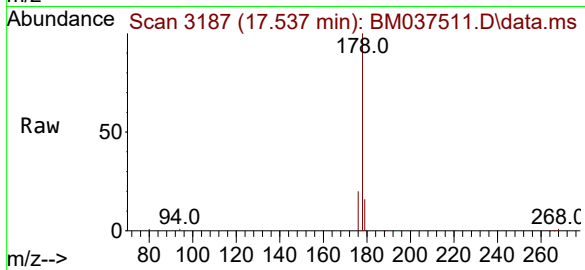
Tgt Ion:178 Resp: 37863

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 20.0 16.0 24.0



#16

Anthracene

Concen: 0.487 ng/ul

RT: 17.630 min Scan# 3209

Delta R.T. 0.000 min

Lab File: BM037511.D

Acq: 16 Nov 2022 17:41

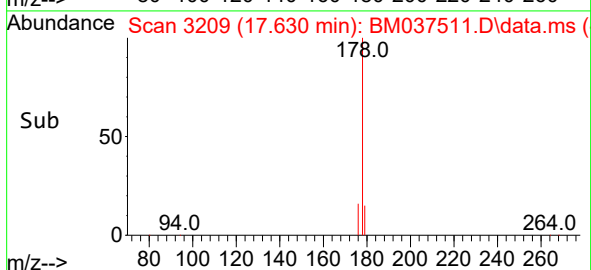
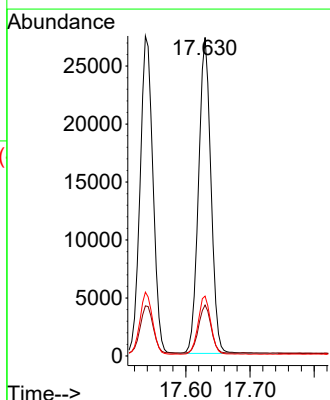
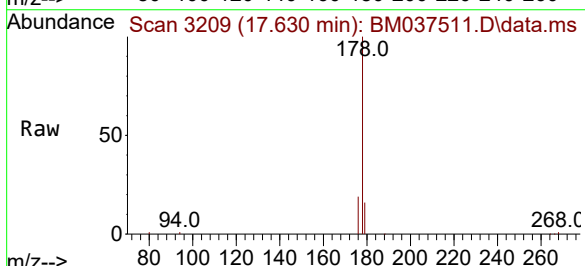
Tgt Ion:178 Resp: 36644

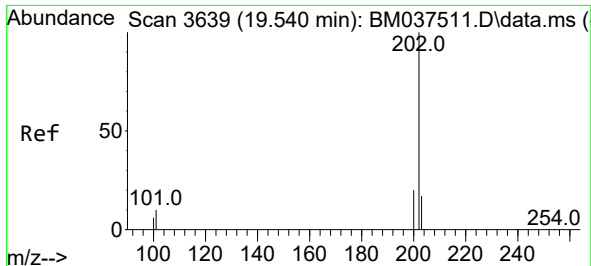
Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 18.8 15.0 22.6

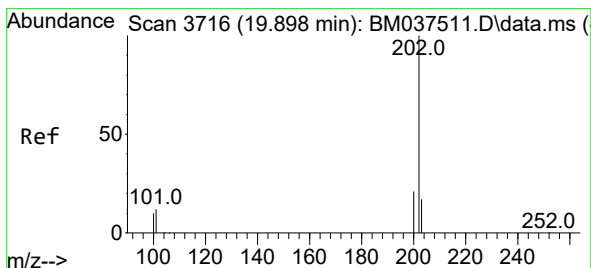
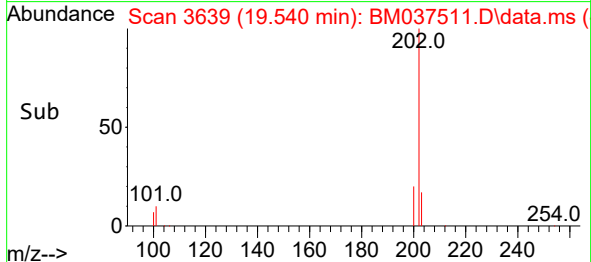
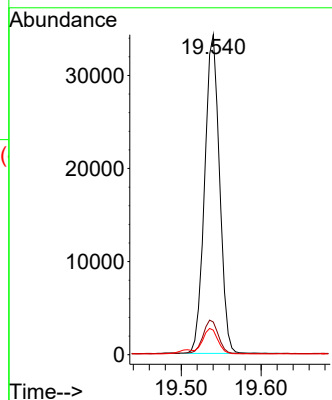
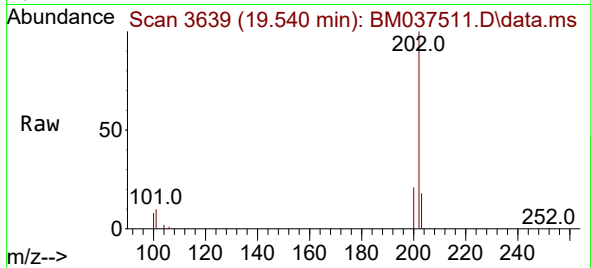




#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.540 min Scan# 3639
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

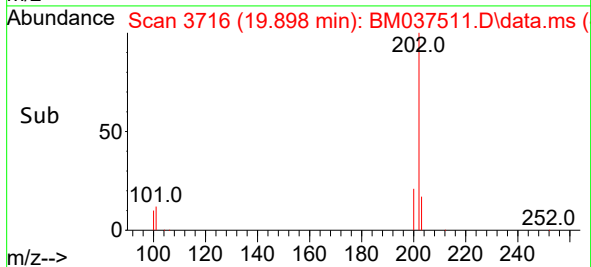
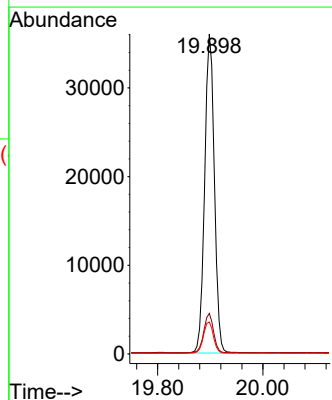
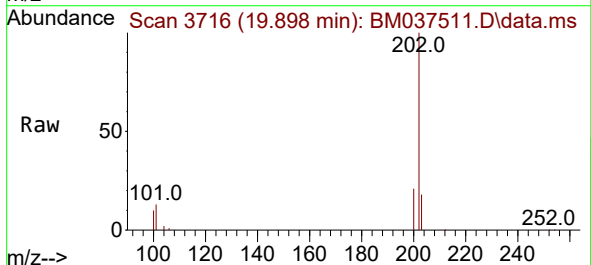
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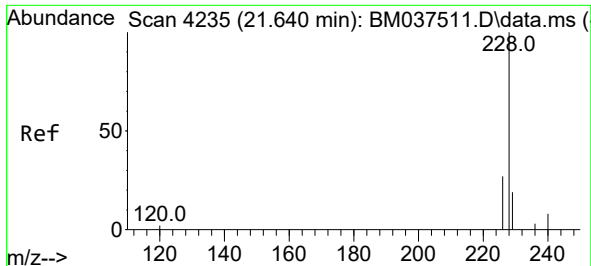
Tgt Ion:202 Resp: 44290
Ion Ratio Lower Upper
202 100
101 10.2 8.2 12.2
100 7.6 6.1 9.1



#20
Pyrene
Concen: 0.421 ng/ul
RT: 19.898 min Scan# 3716
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

Tgt Ion:202 Resp: 46112
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 10.0 8.0 12.0

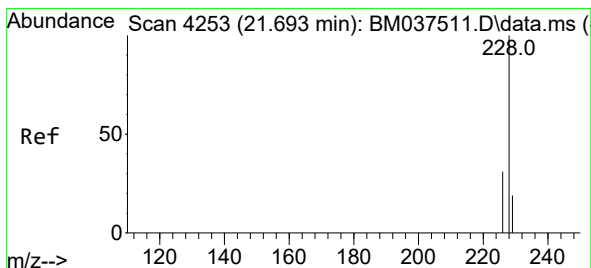
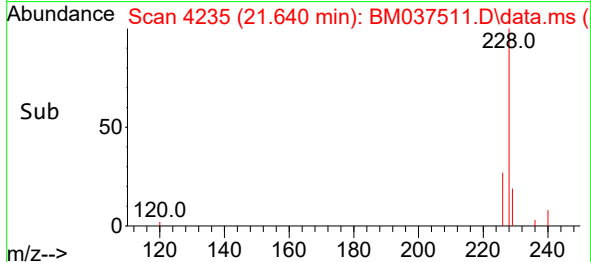
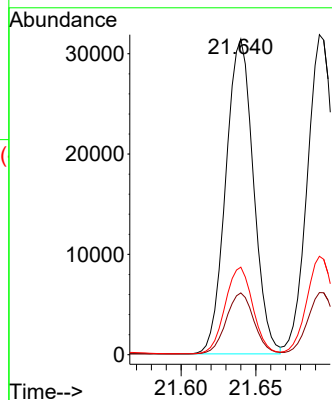
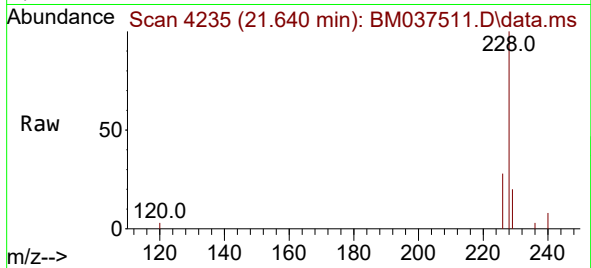




#21
Benzo(a)anthracene
Concen: 0.425 ng/ul
RT: 21.640 min Scan# 4235
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

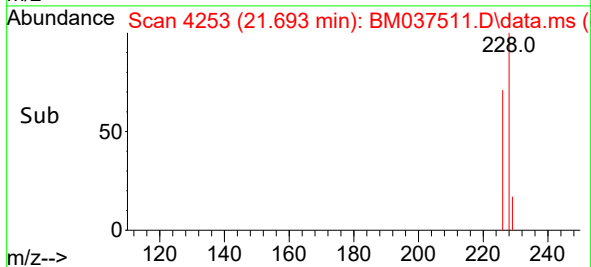
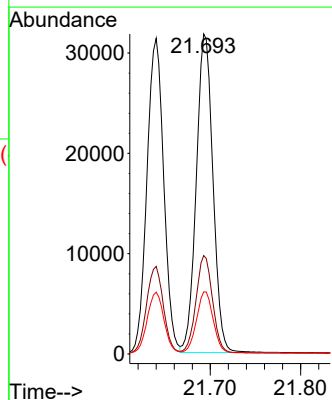
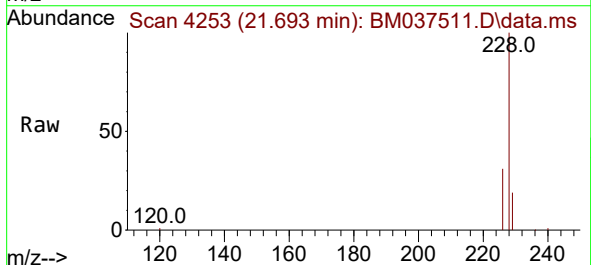
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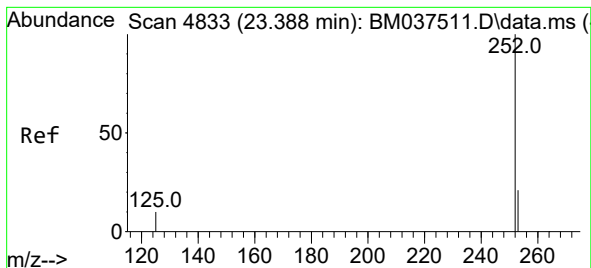
Tgt Ion:228 Resp: 40548
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.693 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

Tgt Ion:228 Resp: 40628
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 19.4 15.5 23.3





#24

Benzo(b)fluoranthene

Concen: 0.328 ng/ul

RT: 23.388 min Scan# 4833

Delta R.T. 0.000 min

Lab File: BM037511.D

Acq: 16 Nov 2022 17:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4045

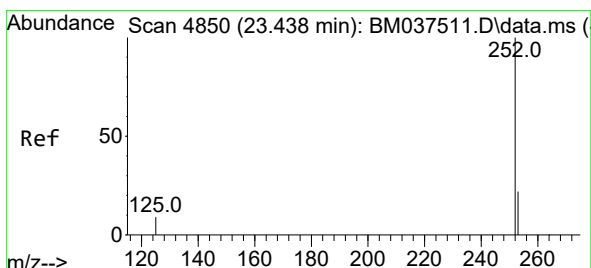
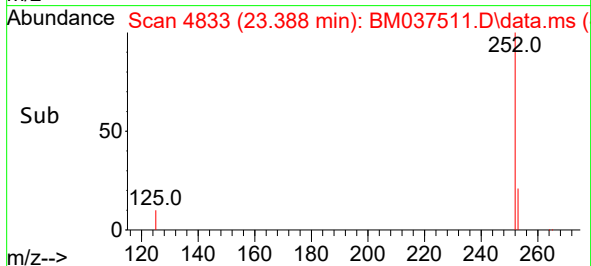
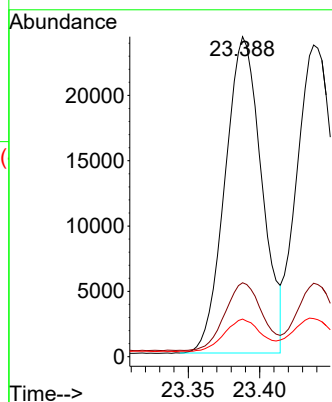
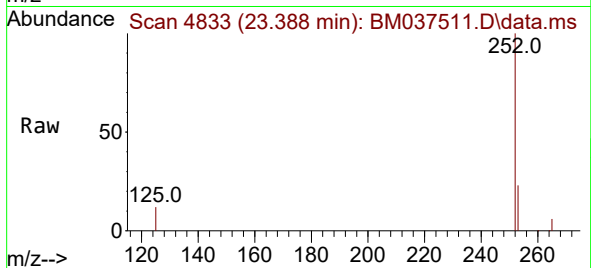
Tgt Ion:252 Resp: 43273

Ion Ratio Lower Upper

252 100

253 23.1 0.0 46.2

125 11.7 0.0 23.4



#25

Benzo(k)fluoranthene

Concen: 0.345 ng/ul

RT: 23.438 min Scan# 4850

Delta R.T. 0.000 min

Lab File: BM037511.D

Acq: 16 Nov 2022 17:41

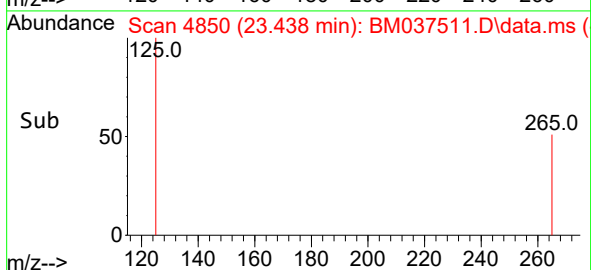
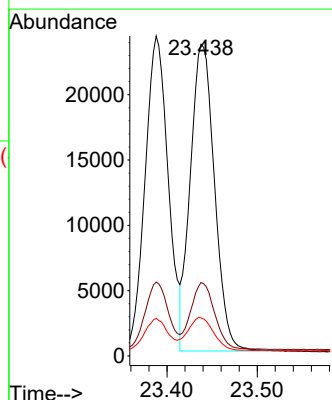
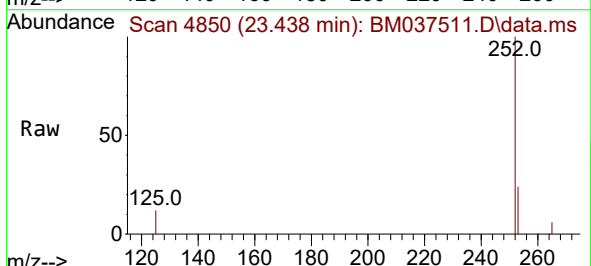
Tgt Ion:252 Resp: 43601

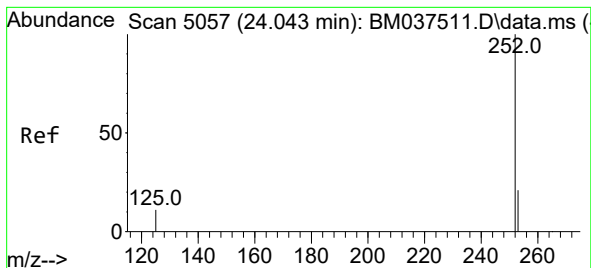
Ion Ratio Lower Upper

252 100

253 23.5 18.8 28.2

125 12.2 9.8 14.6





#26

Benzo(a)pyrene

Concen: 0.342 ng/ul

RT: 24.043 min Scan# 5057

Delta R.T. 0.000 min

Lab File: BM037511.D

Acq: 16 Nov 2022 17:41

Instrument :

BNA_M

ClientSampleId :

SSTD0.4045

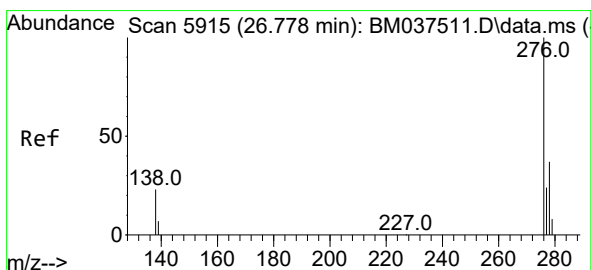
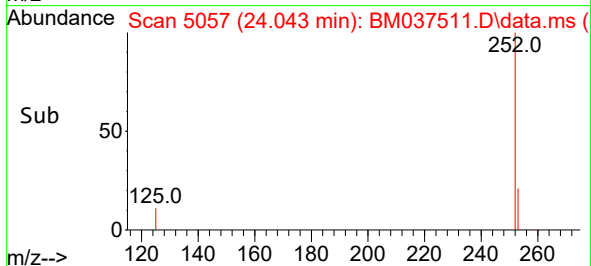
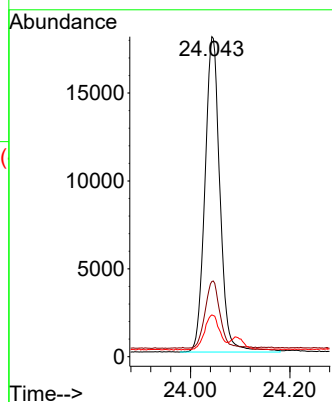
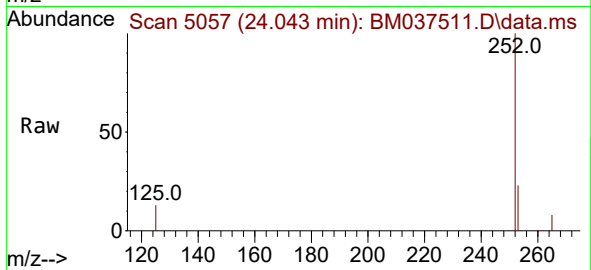
Tgt Ion:252 Resp: 37723

Ion Ratio Lower Upper

252 100

253 23.5 18.8 28.2

125 13.1 10.5 15.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.336 ng/ul

RT: 26.778 min Scan# 5915

Delta R.T. 0.000 min

Lab File: BM037511.D

Acq: 16 Nov 2022 17:41

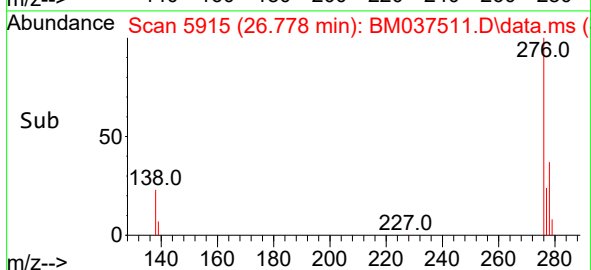
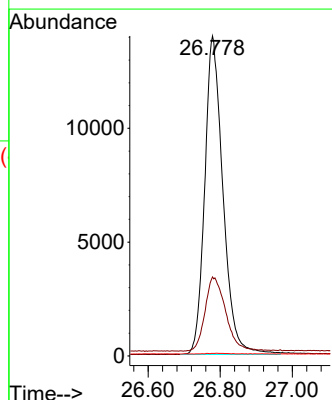
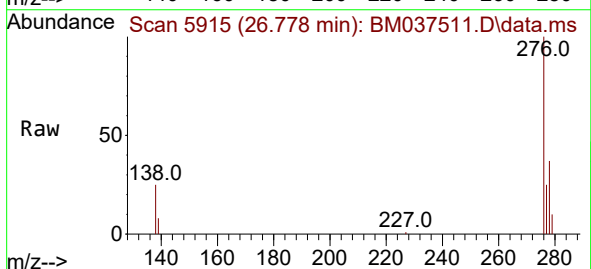
Tgt Ion:276 Resp: 49353

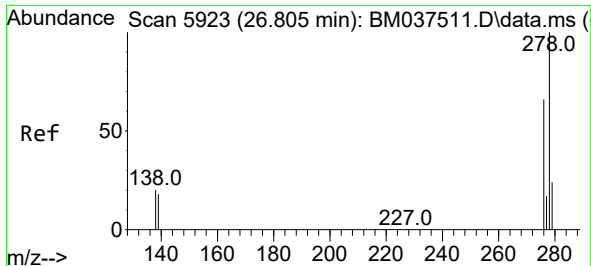
Ion Ratio Lower Upper

276 100

138 26.5 21.2 31.8

227 0.1 0.1 0.1

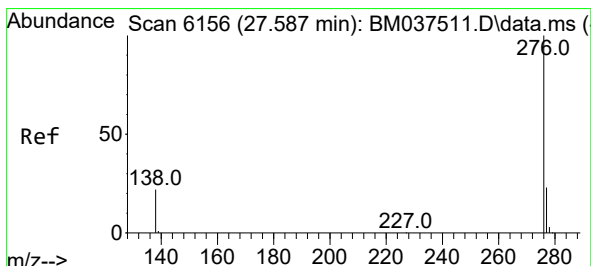
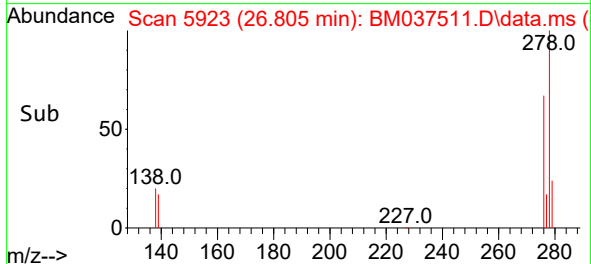
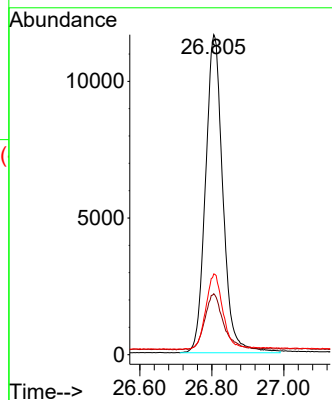
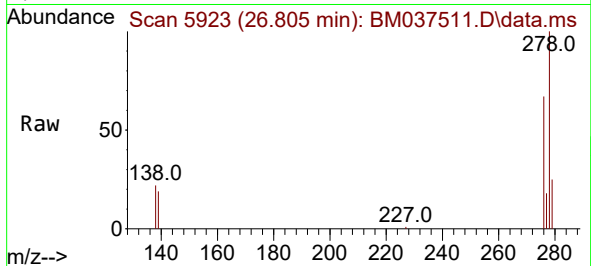




#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 26.805 min Scan# 5923
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.4045

Tgt Ion:278 Resp: 38925
Ion Ratio Lower Upper
278 100
139 19.0 15.2 22.8
279 25.2 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.330 ng/ul
RT: 27.587 min Scan# 6156
Delta R.T. 0.000 min
Lab File: BM037511.D
Acq: 16 Nov 2022 17:41

Tgt Ion:276 Resp: 41978
Ion Ratio Lower Upper
276 100
138 23.7 19.0 28.4
277 24.3 19.4 29.2

