

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111622\
 Data File : BM037510.D
 Acq On : 16 Nov 2022 17:05
 Operator : CG/JU
 Sample : SST0.286
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2044

Quant Time: Nov 17 00:33:56 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)

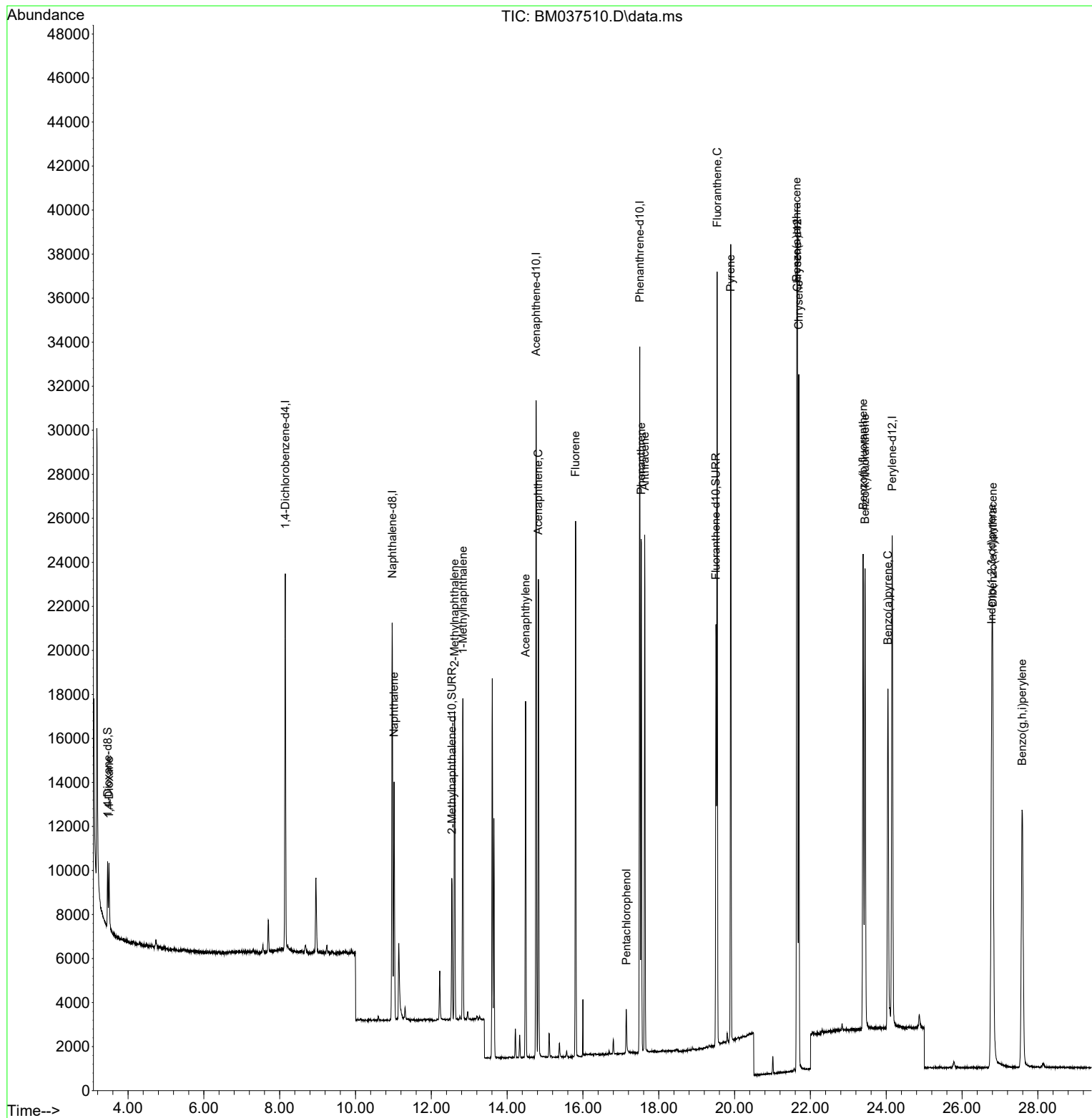
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	8578	0.400	ng/ul	0.00
4) Naphthalene-d8	10.968	136	23838	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.765	164	15780	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.499	188	36276	0.400	ng/ul	0.00
17) Chrysene-d12	21.657	240	29730	0.400	ng/ul	0.00
23) Perylene-d12	24.157	264	31568	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.462	96	2036	0.187	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.541	152	7818	0.218	ng/ul	0.00
18) Fluoranthene-d10	19.507	212	19798	0.213	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	2286	0.212	ng/ul#	82
5) Naphthalene	11.018	128	14526	0.210	ng/ul	98
7) 2-Methylnaphthalene	12.613	142	9588	0.221	ng/ul	99
8) 1-Methylnaphthalene	12.833	142	9902	0.222	ng/ul	100
10) Acenaphthylene	14.487	152	17375	0.259	ng/ul	100
11) Acenaphthene	14.825	153	12062	0.203	ng/ul	100
12) Fluorene	15.805	166	14512	0.214	ng/ul	99
14) Pentachlorophenol	17.144	266	1541	0.161	ng/ul	98
15) Phenanthrene	17.537	178	24621	0.198	ng/ul	99
16) Anthracene	17.630	178	23592	0.233	ng/ul	99
19) Fluoranthene	19.540	202	28474	0.202	ng/ul	98
20) Pyrene	19.898	202	29833	0.202	ng/ul	98
21) Benzo(a)anthracene	21.640	228	26678	0.208	ng/ul	100
22) Chrysene	21.695	228	26376	0.184	ng/ul	99
24) Benzo(b)fluoranthene	23.391	252	28781	0.159	ng/ul	97
25) Benzo(k)fluoranthene	23.440	252	28461	0.164	ng/ul	98
26) Benzo(a)pyrene	24.046	252	24733	0.163	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.782	276	32612	0.162	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.809	278	25653	0.165	ng/ul	98
29) Benzo(g,h,i)perylene	27.584	276	27863	0.160	ng/ul	98

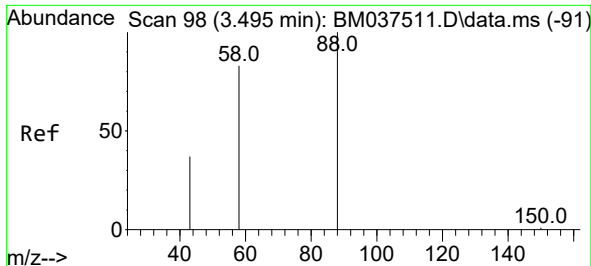
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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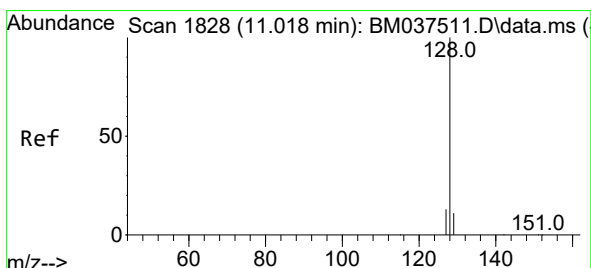
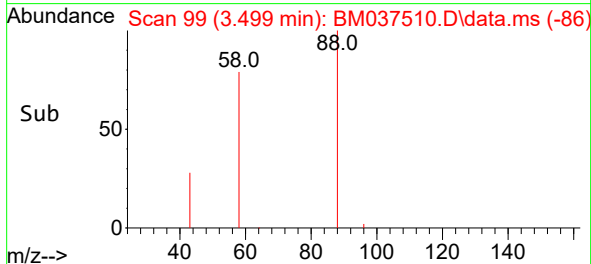
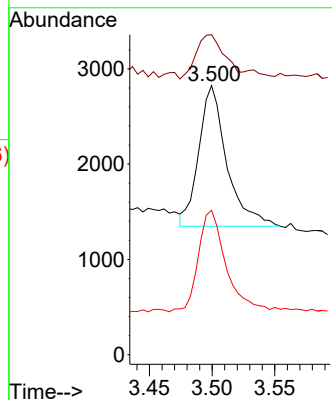
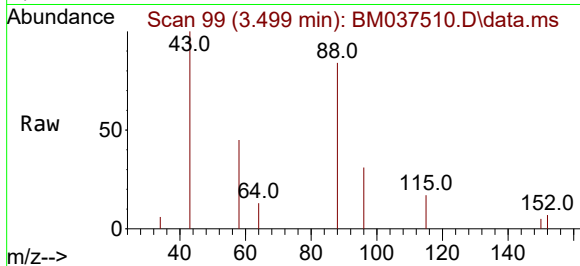




#2
1,4-Dioxane
Concen: 0.212 ng/ul
RT: 3.499 min Scan# 91
Delta R.T. 0.004 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

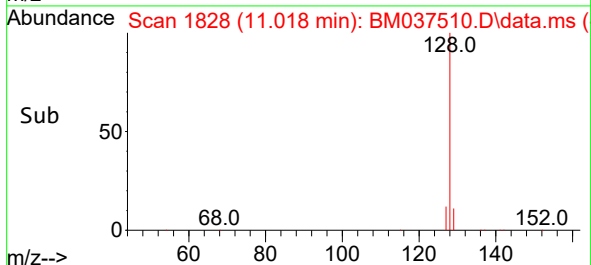
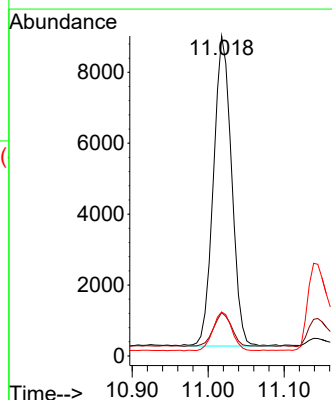
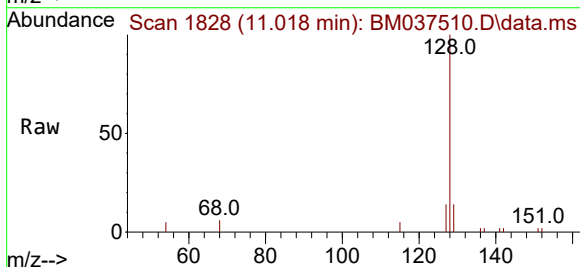
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

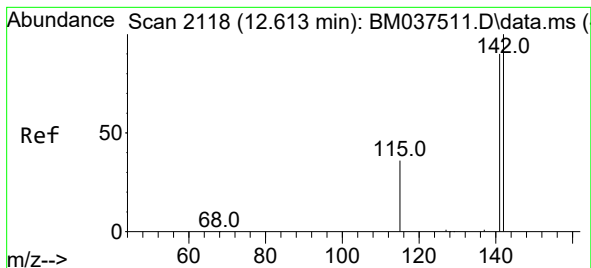
Tgt Ion: 88 Resp: 2286
Ion Ratio Lower Upper
88 100
43 118.9 102.8 154.2
58 53.7 67.3 100.9#



#5
Naphthalene
Concen: 0.210 ng/ul
RT: 11.018 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

Tgt Ion: 128 Resp: 14526
Ion Ratio Lower Upper
128 100
129 13.6 9.8 14.8
127 13.8 11.0 16.4

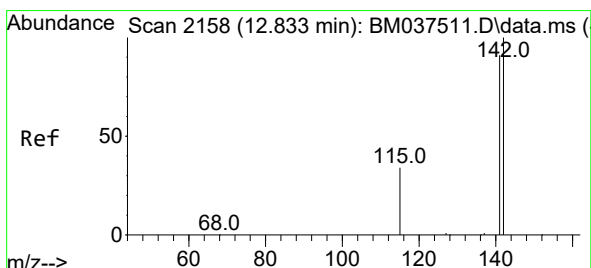
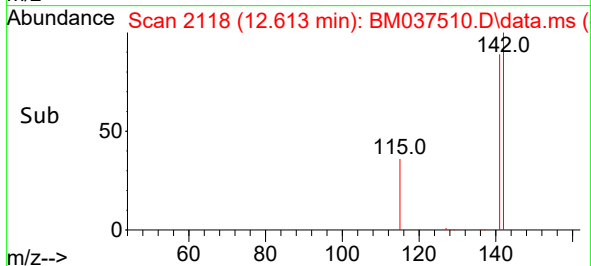
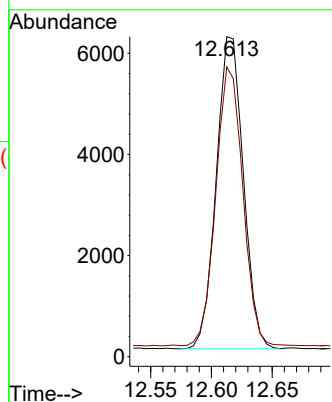
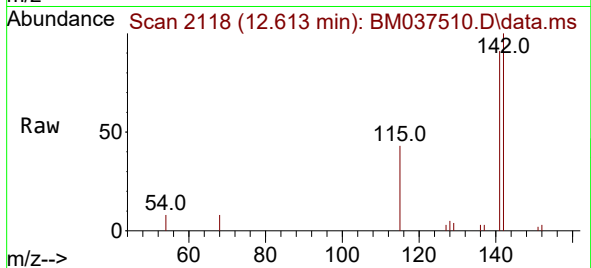




#7
2-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

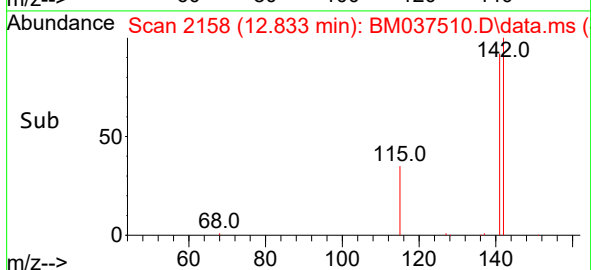
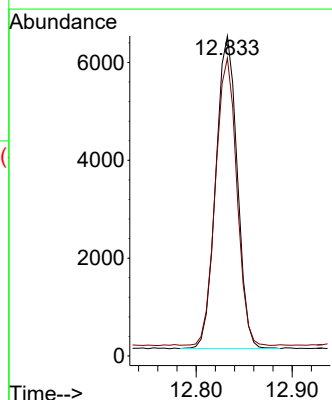
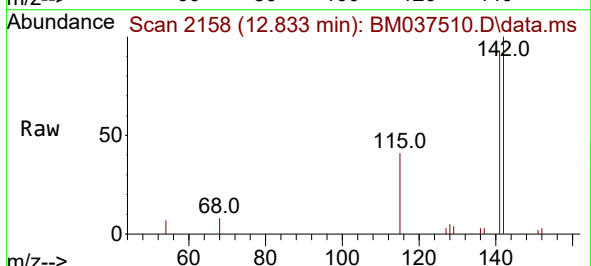
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

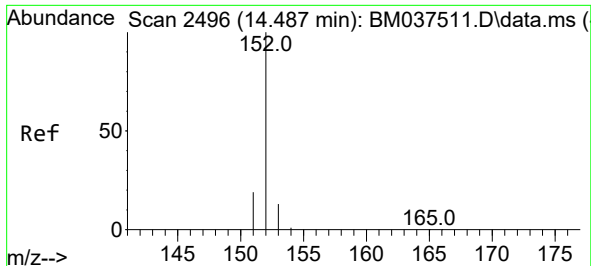
Tgt Ion:142 Resp: 9588
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.222 ng/ul
RT: 12.833 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

Tgt Ion:142 Resp: 9902
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.0

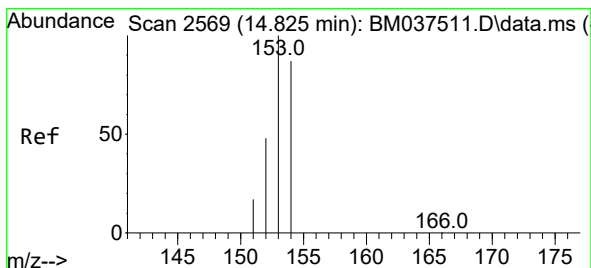
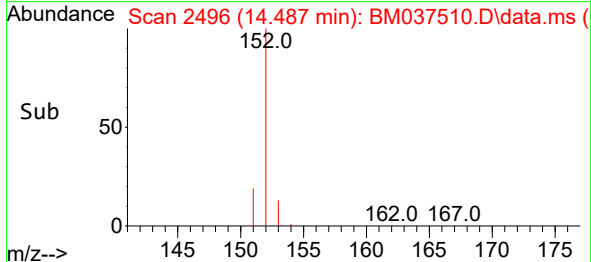
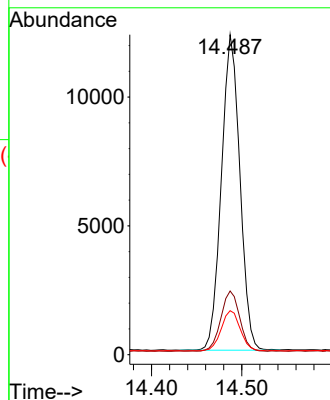
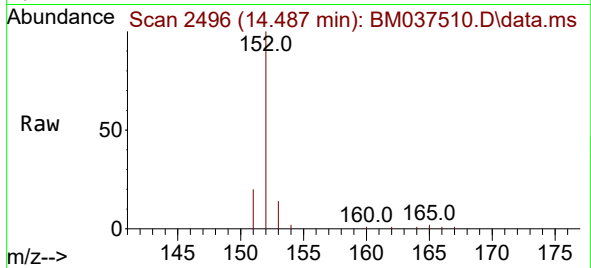




#10
Acenaphthylene
Concen: 0.259 ng/ul
RT: 14.487 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

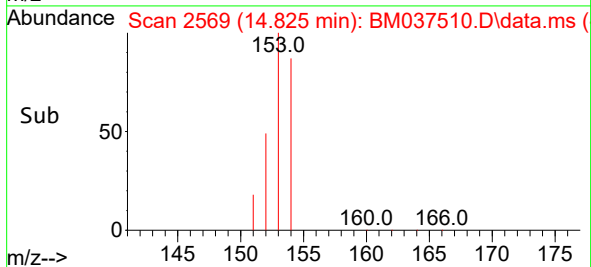
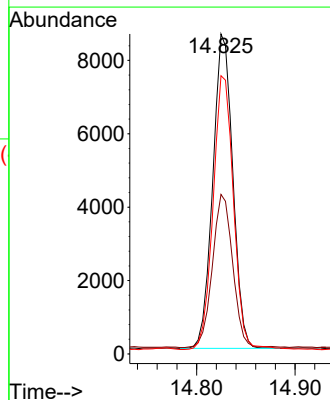
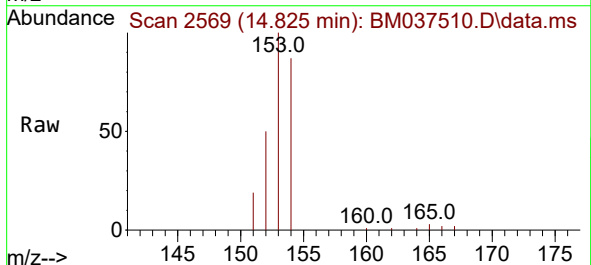
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

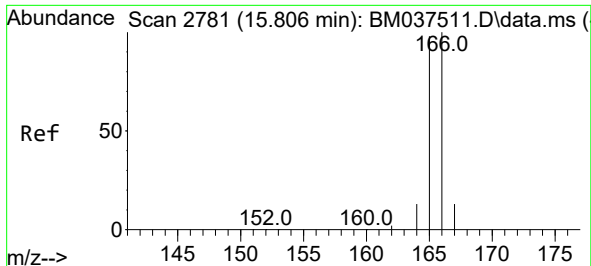
Tgt Ion:152	Resp:	17375
Ion Ratio	Lower	Upper
152	100	
151	19.9	15.9 23.9
153	13.7	11.0 16.4



#11
Acenaphthene
Concen: 0.203 ng/ul
RT: 14.825 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

Tgt Ion:153	Resp:	12062
Ion Ratio	Lower	Upper
153	100	
152	49.8	39.4 59.0
154	86.9	69.5 104.3

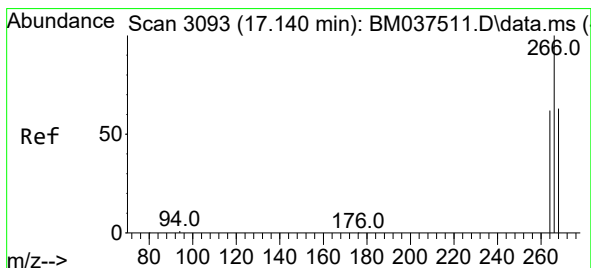
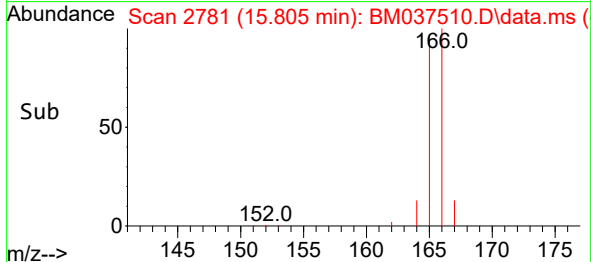
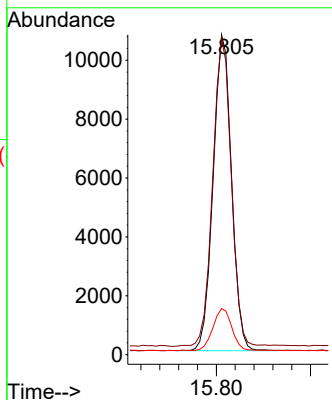
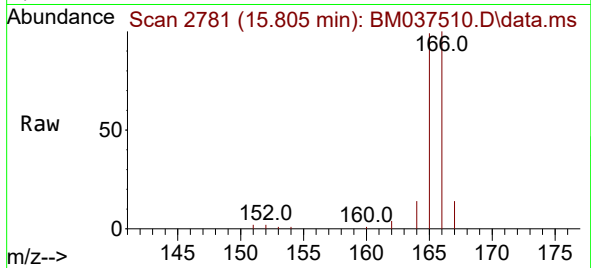




#12
Fluorene
Concen: 0.214 ng/ul
RT: 15.805 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

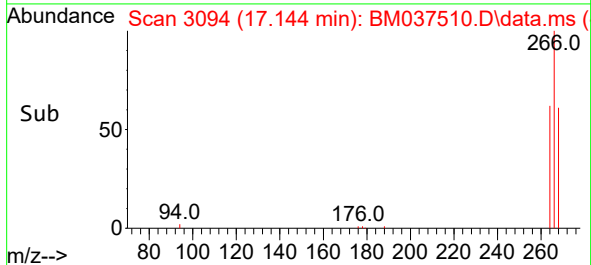
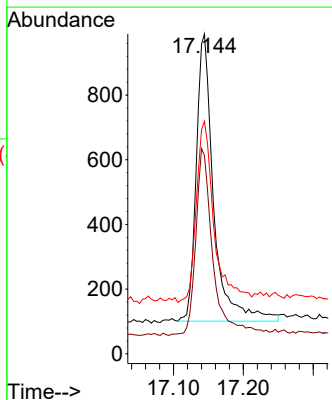
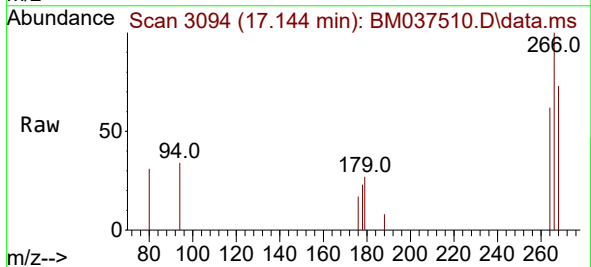
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

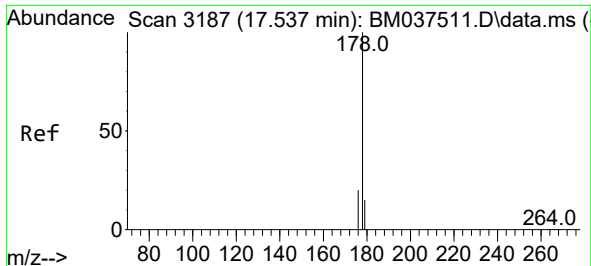
Tgt Ion:	166	Resp:	14512
Ion Ratio	Lower	Upper	
166	100		
165	99.0	78.7	118.1
167	14.4	11.3	16.9



#14
Pentachlorophenol
Concen: 0.161 ng/ul
RT: 17.144 min Scan# 3094
Delta R.T. 0.004 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

Tgt Ion:	266	Resp:	1541
Ion Ratio	Lower	Upper	
266	100		
264	64.4	50.2	75.2
268	64.1	52.0	78.0

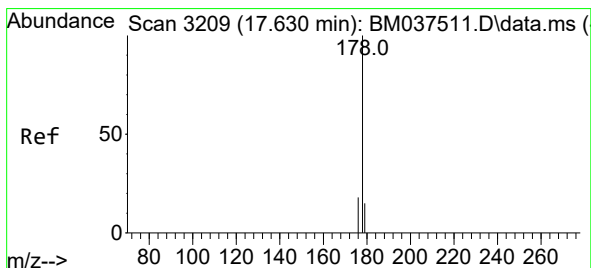
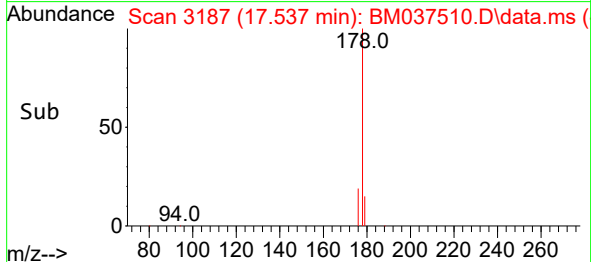
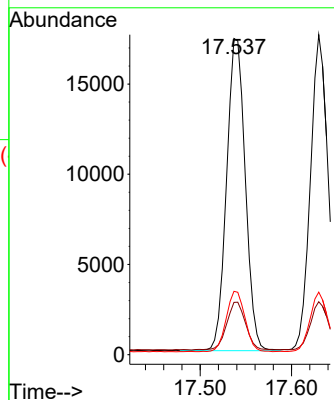
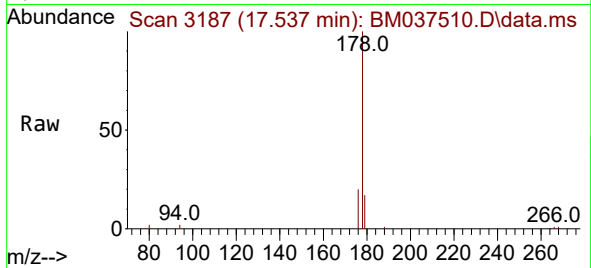




#15
Phenanthrene
Concen: 0.198 ng/ul
RT: 17.537 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

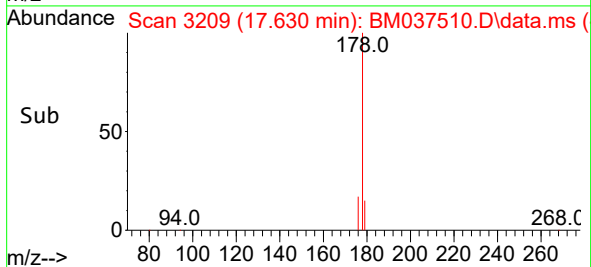
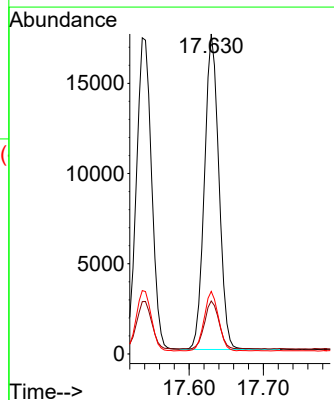
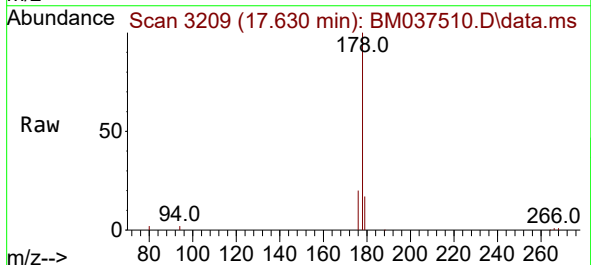
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SSTD0.2044

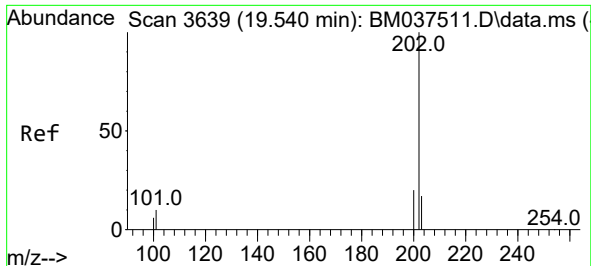
Tgt Ion:178	Resp:	24621
Ion Ratio	Lower	Upper
178	100	
179	16.6	12.6 18.8
176	20.0	16.0 24.0



#16
Anthracene
Concen: 0.233 ng/ul
RT: 17.630 min Scan# 3209
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

Tgt Ion:178	Resp:	23592
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.8 19.2
176	19.5	15.0 22.6

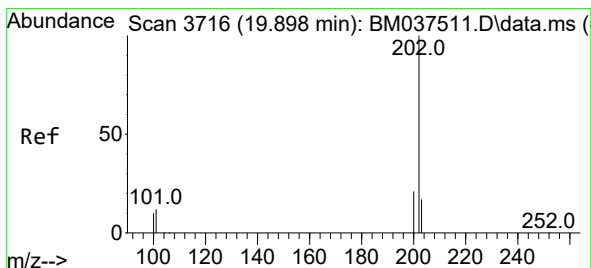
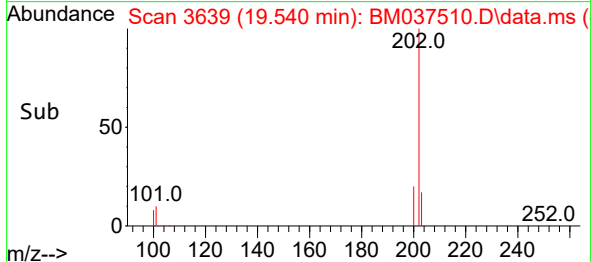
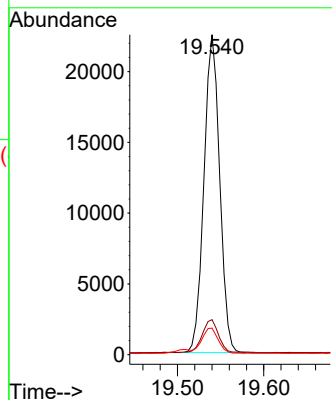
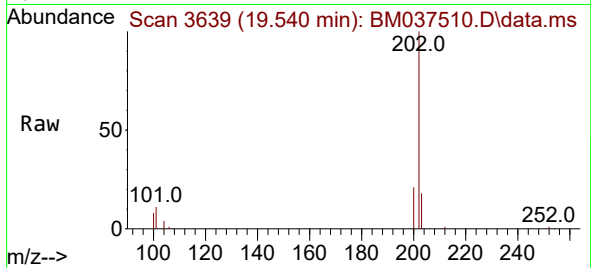




#19
Fluoranthene
Concen: 0.202 ng/ul
RT: 19.540 min Scan# 3639
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

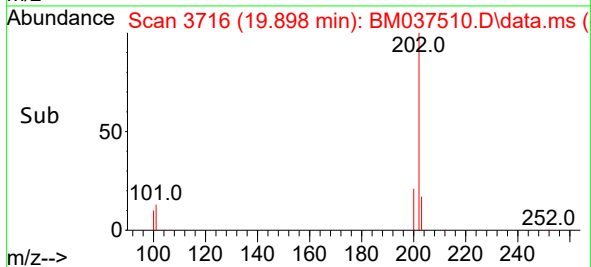
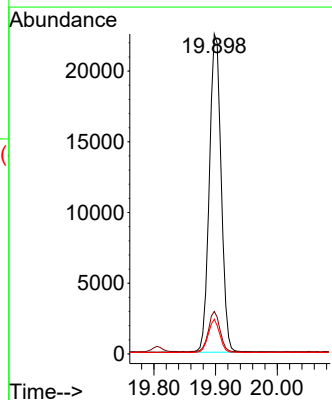
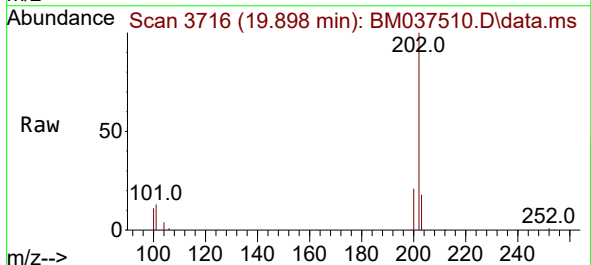
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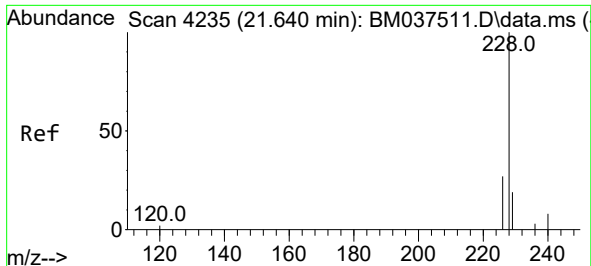
Tgt Ion:202 Resp: 28474
Ion Ratio Lower Upper
202 100
101 11.0 8.2 12.2
100 8.3 6.1 9.1



#20
Pyrene
Concen: 0.202 ng/ul
RT: 19.898 min Scan# 3716
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

Tgt Ion:202 Resp: 29833
Ion Ratio Lower Upper
202 100
101 13.3 10.1 15.1
100 10.9 8.0 12.0

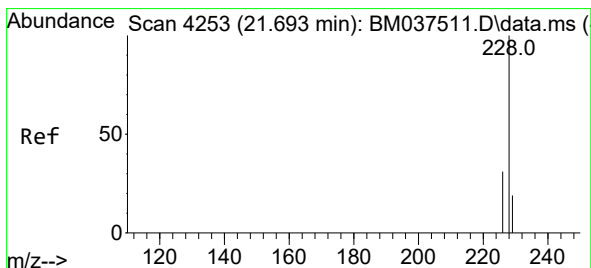
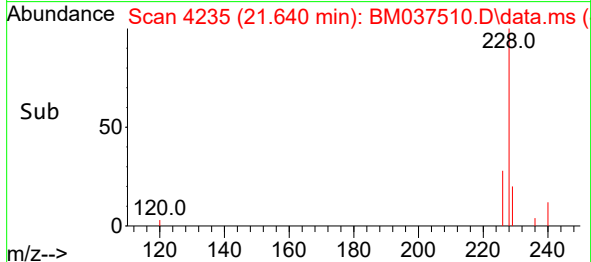
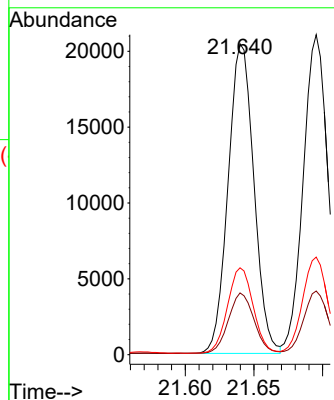
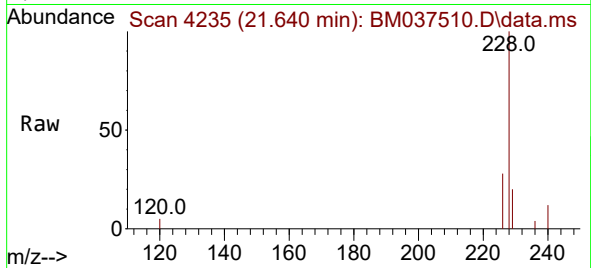




#21
Benzo(a)anthracene
Concen: 0.208 ng/ul
RT: 21.640 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

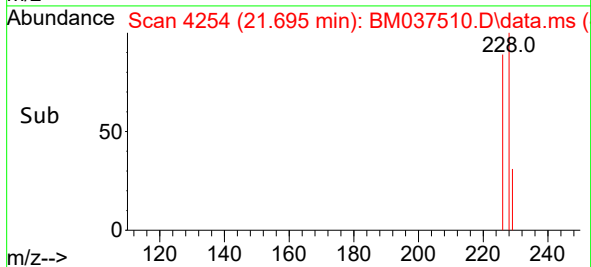
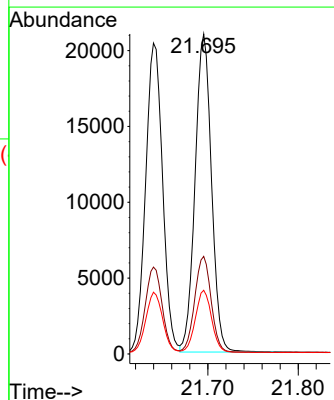
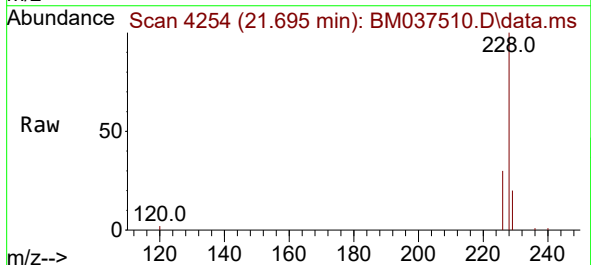
Instrument :
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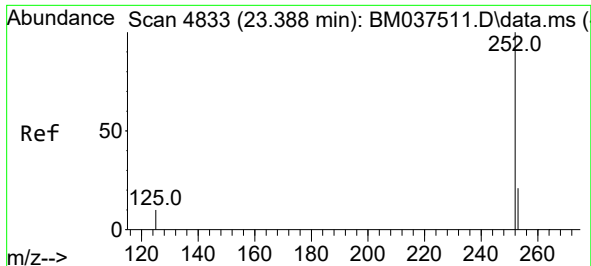
Tgt Ion:228 Resp: 26678
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.184 ng/ul
RT: 21.695 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

Tgt Ion:228 Resp: 26376
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.9 15.5 23.3

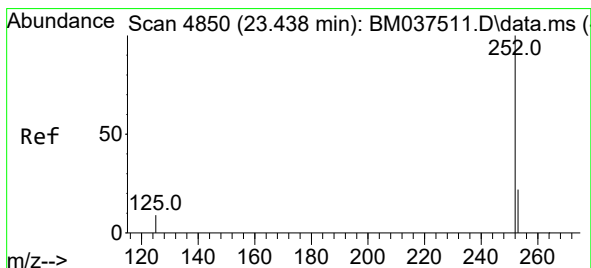
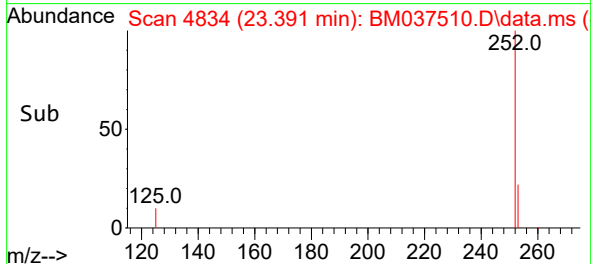
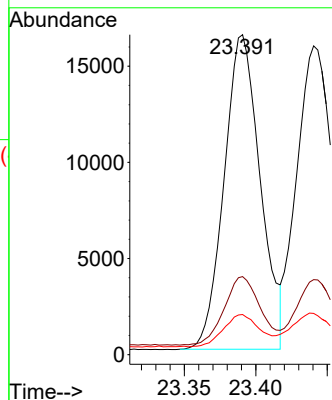
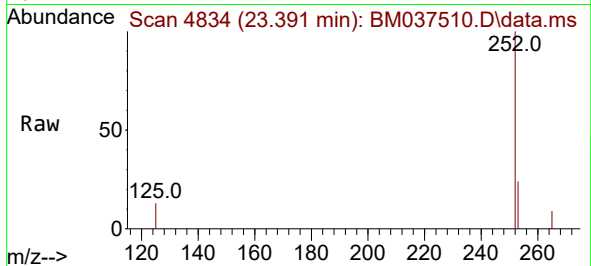




#24
Benzo(b)fluoranthene
Concen: 0.159 ng/ul
RT: 23.391 min Scan# 4834
Delta R.T. 0.003 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

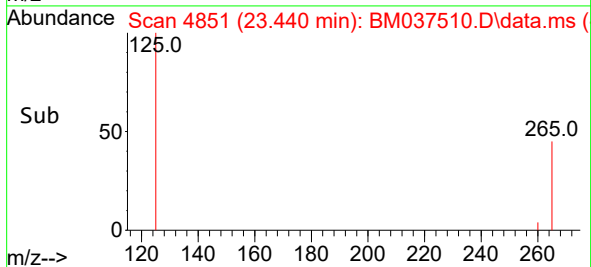
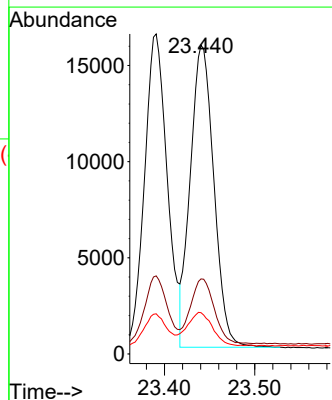
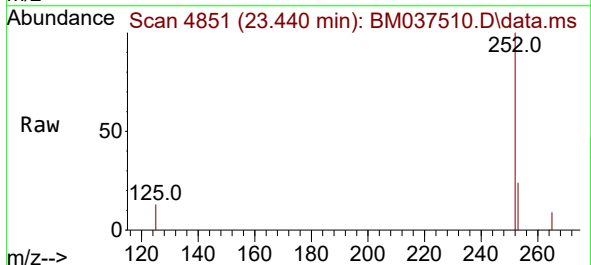
Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

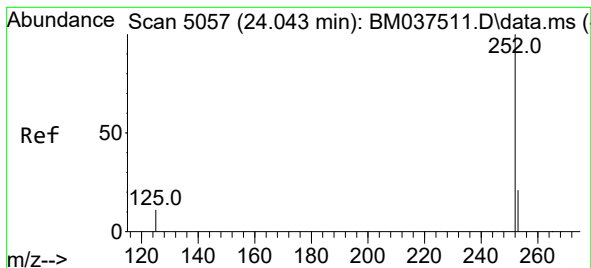
Tgt Ion:252 Resp: 28781
Ion Ratio Lower Upper
252 100
253 24.4 0.0 46.2
125 12.6 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.164 ng/ul
RT: 23.440 min Scan# 4851
Delta R.T. 0.003 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

Tgt Ion:252 Resp: 28461
Ion Ratio Lower Upper
252 100
253 24.3 18.8 28.2
125 13.4 9.8 14.6





#26

Benzo(a)pyrene

Concen: 0.163 ng/ul

RT: 24.046 min Scan# 5057

Delta R.T. 0.003 min

Lab File: BM037510.D

Acq: 16 Nov 2022 17:05

Instrument :

BNA_M

ClientSampleId :

SSTD0.2044

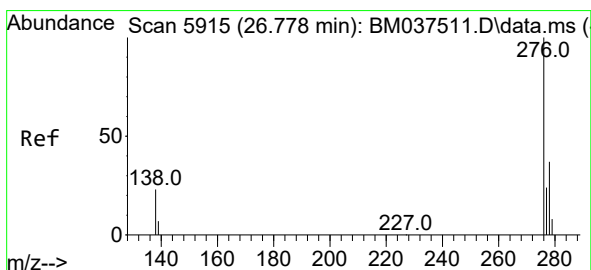
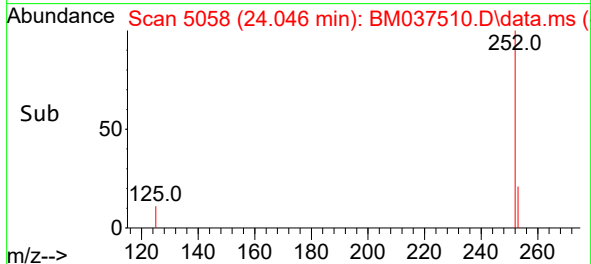
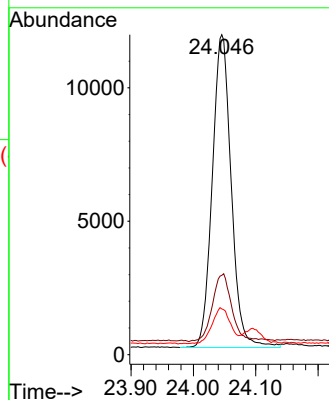
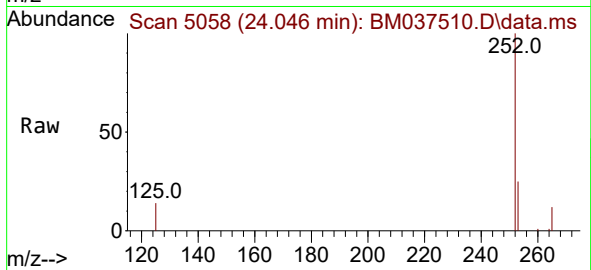
Tgt Ion:252 Resp: 24733

Ion Ratio Lower Upper

252 100

253 24.8 18.8 28.2

125 14.3 10.5 15.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.162 ng/ul

RT: 26.782 min Scan# 5916

Delta R.T. 0.004 min

Lab File: BM037510.D

Acq: 16 Nov 2022 17:05

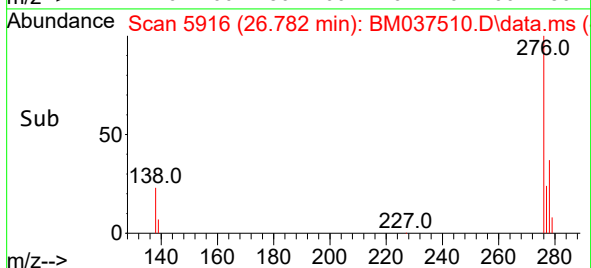
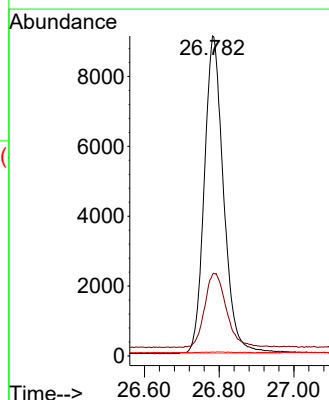
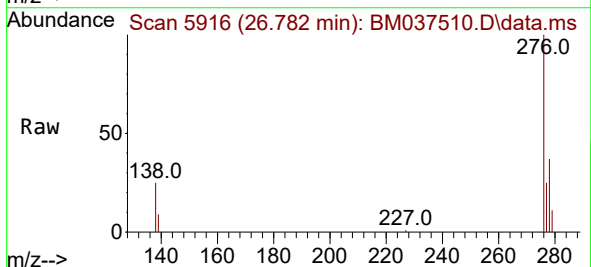
Tgt Ion:276 Resp: 32612

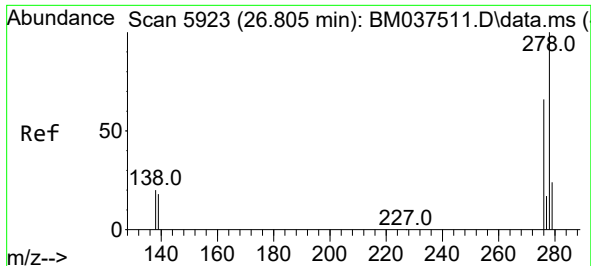
Ion Ratio Lower Upper

276 100

138 26.3 21.2 31.8

227 0.0 0.1 0.1#

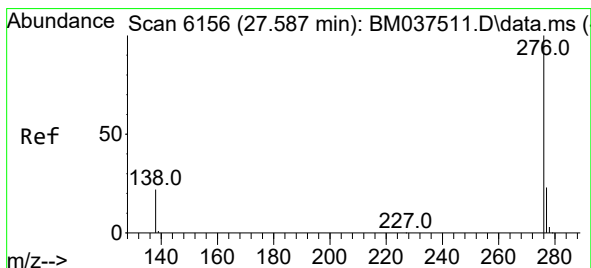
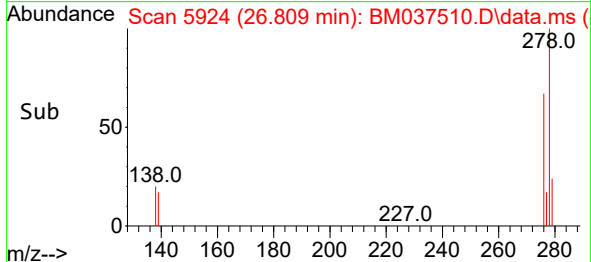
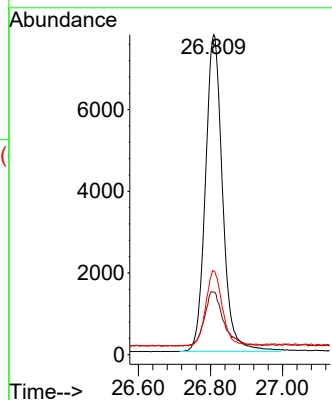
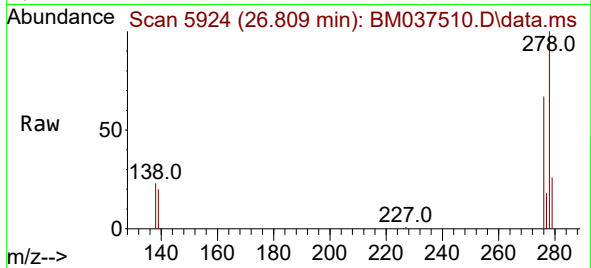




#28
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 26.809 min Scan# 5923
Delta R.T. 0.004 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2044

Tgt Ion:278 Resp: 25653
Ion Ratio Lower Upper
278 100
139 19.5 15.2 22.8
279 26.1 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.160 ng/ul
RT: 27.584 min Scan# 6155
Delta R.T. -0.003 min
Lab File: BM037510.D
Acq: 16 Nov 2022 17:05

Tgt Ion:276 Resp: 27863
Ion Ratio Lower Upper
276 100
138 25.3 19.0 28.4
277 24.4 19.4 29.2

