

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037394.D
 Acq On : 07 Nov 2022 16:36
 Operator : CG/JU
 Sample : PB148709BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS709

Quant Time: Nov 07 23:07:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:30:18 2022
 Response via : Initial Calibration

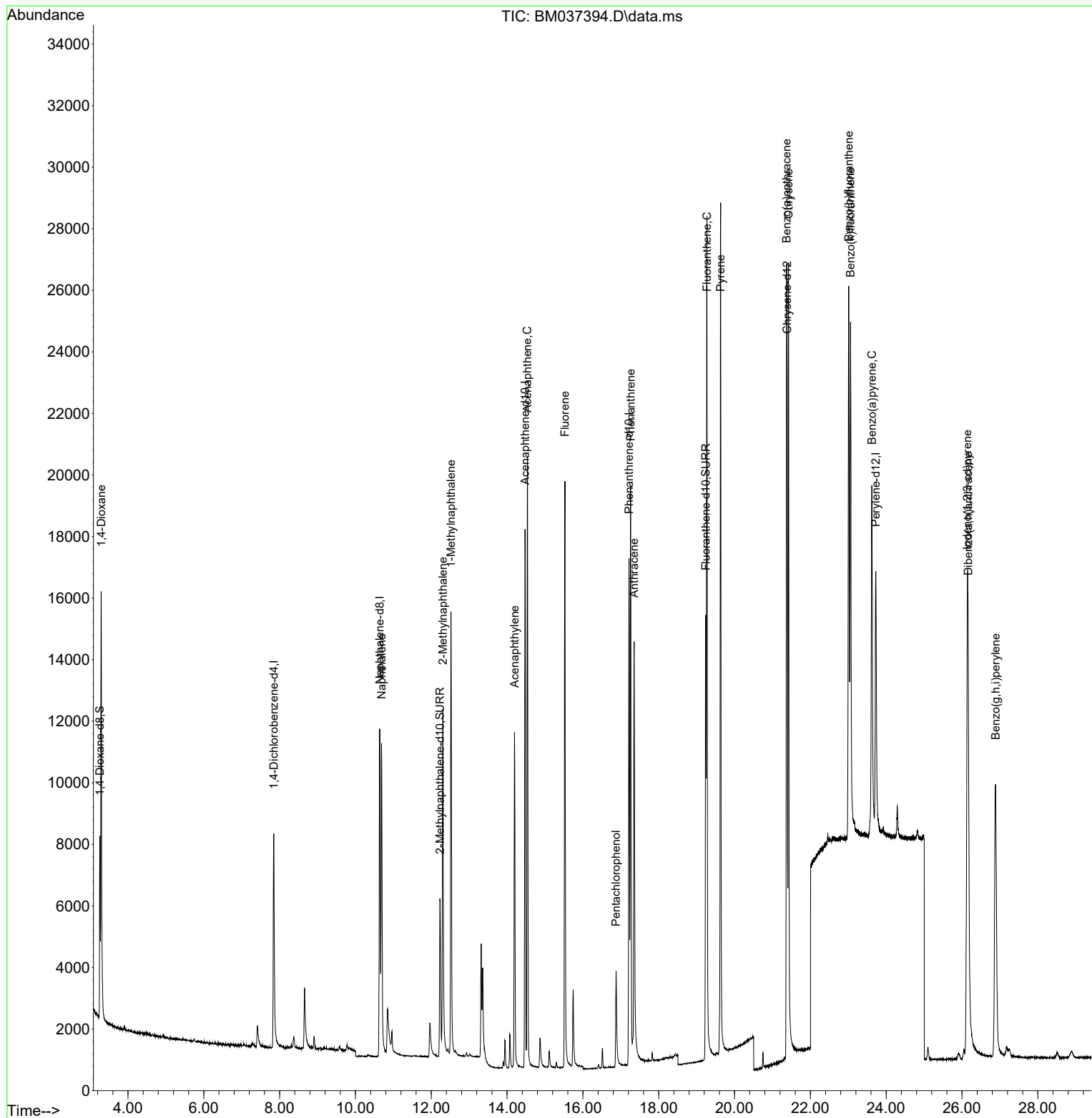
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	4788	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	16159	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	9622	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.216	188	19964	0.400	ng/ul	0.00
17) Chrysene-d12	21.386	240	14564	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	12345	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	3839	0.632	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	8490	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	16884	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	9528	1.586	ng/ul#	84
5) Naphthalene	10.688	128	15151	0.324	ng/ul	99
7) 2-Methylnaphthalene	12.305	142	9595	0.327	ng/ul	97
8) 1-Methylnaphthalene	12.519	142	10398	0.344	ng/ul	100
10) Acenaphthylene	14.196	152	13311	0.325	ng/ul	99
11) Acenaphthene	14.533	153	11760	0.325	ng/ul	98
12) Fluorene	15.524	166	13238	0.319	ng/ul	99
14) Pentachlorophenol	16.874	266	2778	0.527	ng/ul	98
15) Phenanthrene	17.258	178	21315	0.312	ng/ul	100
16) Anthracene	17.351	178	17862	0.321	ng/ul	99
19) Fluoranthene	19.270	202	24062	0.349	ng/ul	100
20) Pyrene	19.633	202	25223	0.349	ng/ul	98
21) Benzo(a)anthracene	21.371	228	20394	0.325	ng/ul	99
22) Chrysene	21.424	228	22949	0.328	ng/ul	99
24) Benzo(b)fluoranthene	23.010	252	24558	0.347	ng/ul	96
25) Benzo(k)fluoranthene	23.057	252	22773	0.336	ng/ul	97
26) Benzo(a)pyrene	23.622	252	19730	0.333	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.141	276	25014	0.317	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.161	278	19378	0.319	ng/ul	96
29) Benzo(g,h,i)perylene	26.886	276	21689	0.318	ng/ul	99

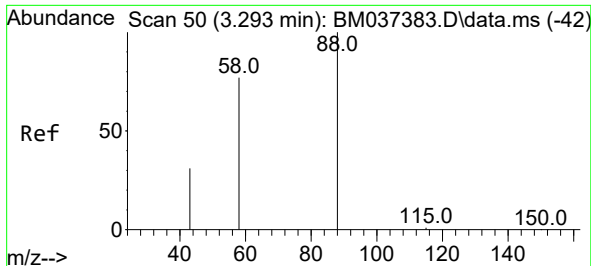
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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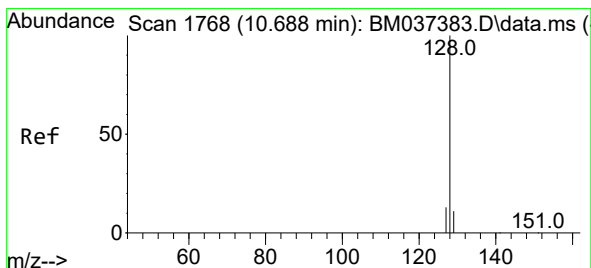
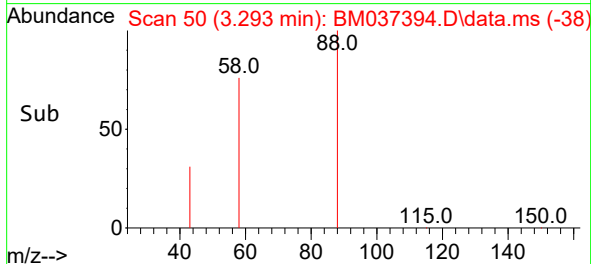
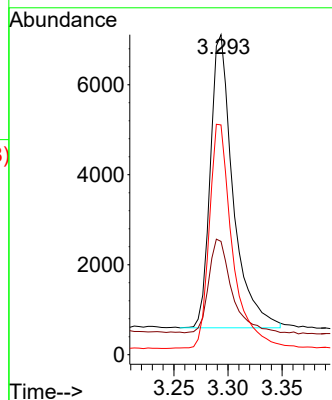
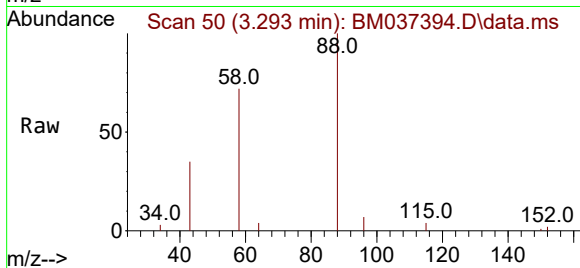




#2
1,4-Dioxane
Concen: 1.586 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

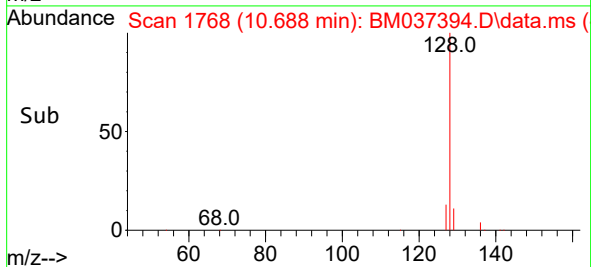
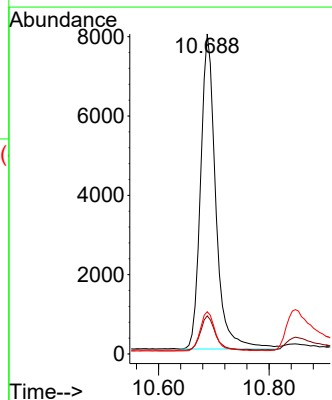
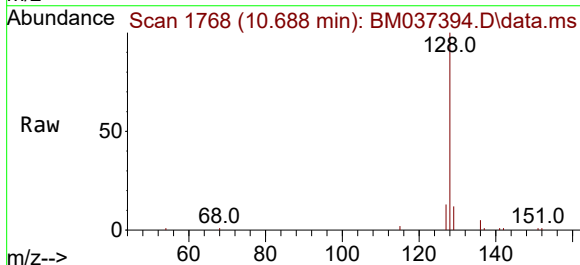
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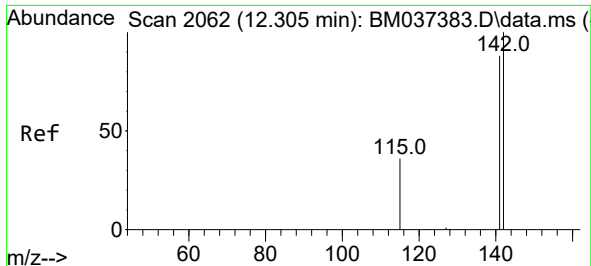
Tgt Ion: 88 Resp: 9528
Ion Ratio Lower Upper
88 100
43 35.4 39.9 59.9#
58 71.8 50.2 75.2



#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Tgt Ion: 128 Resp: 15151
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.2 10.2 15.4

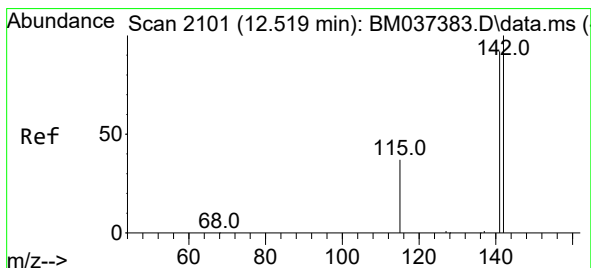
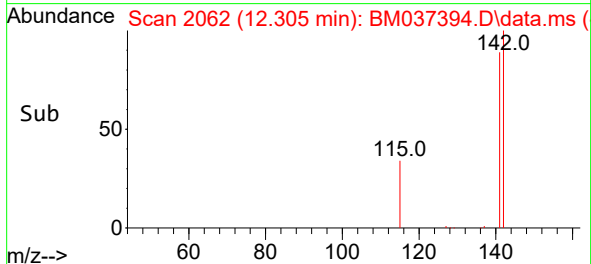
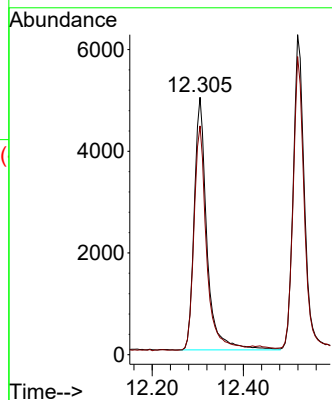
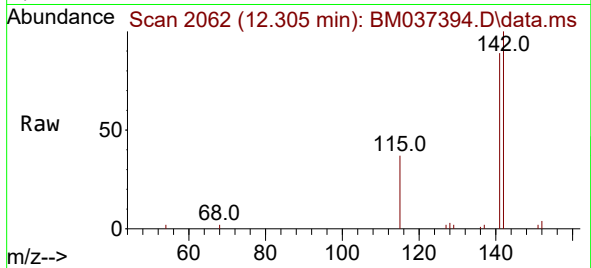




#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

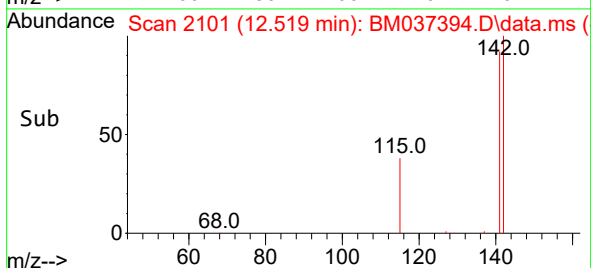
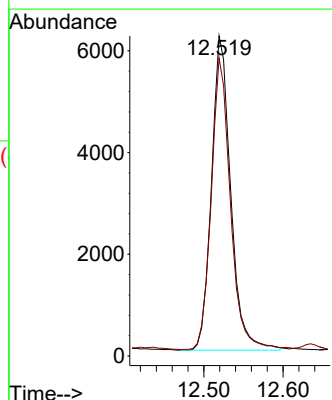
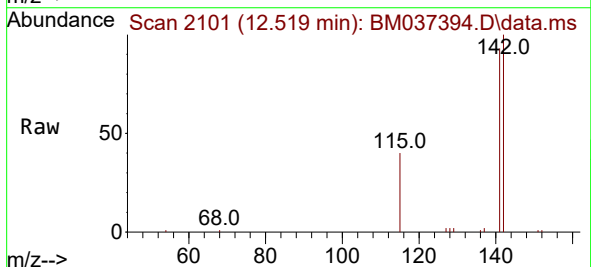
Instrument :
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ClientSampleId :
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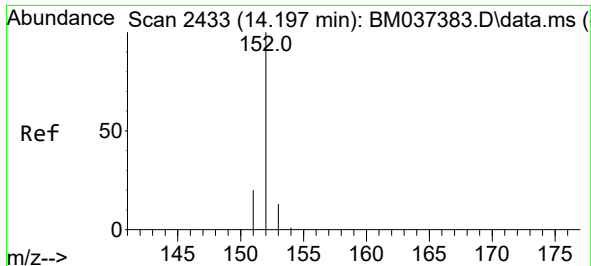
Tgt Ion:142 Resp: 9595
Ion Ratio Lower Upper
142 100
141 91.1 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Tgt Ion:142 Resp: 10398
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

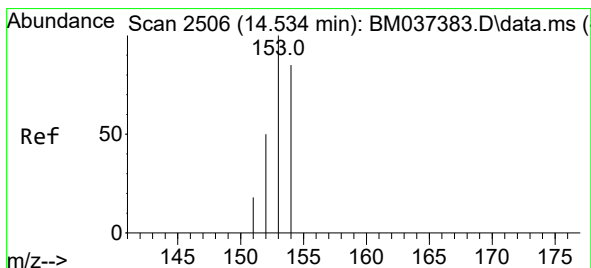
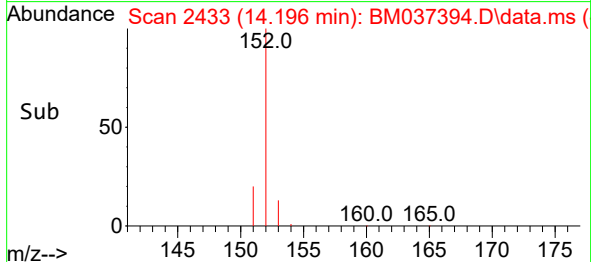
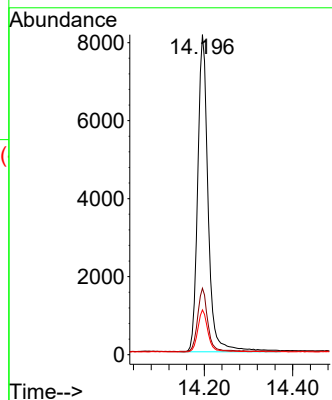
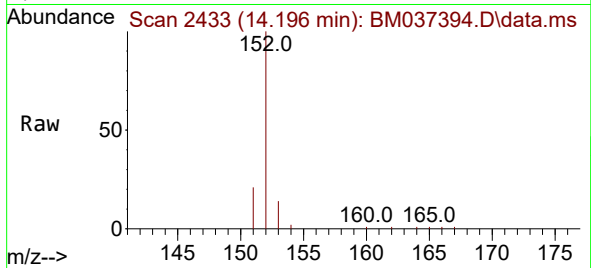




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 14.196 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

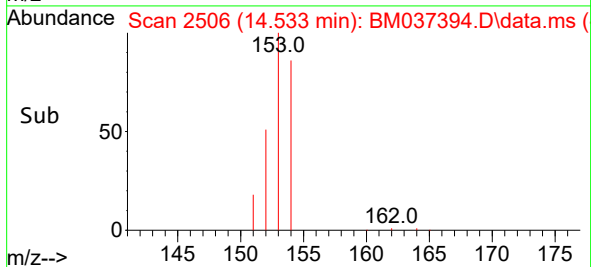
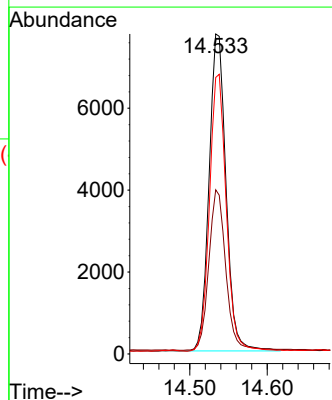
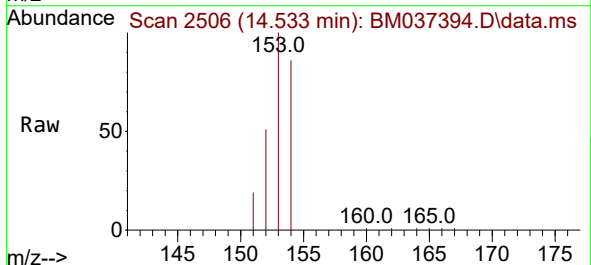
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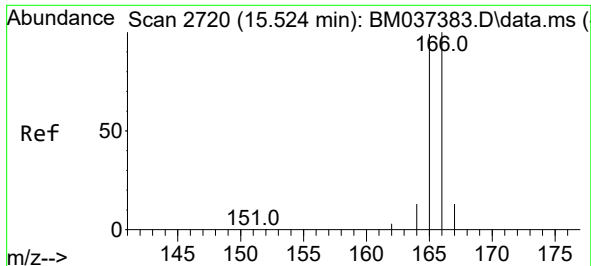
Tgt Ion:152 Resp: 13311
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.0 11.0 16.4



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.533 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Tgt Ion:153 Resp: 11760
Ion Ratio Lower Upper
153 100
152 51.3 40.2 60.4
154 86.4 70.4 105.6

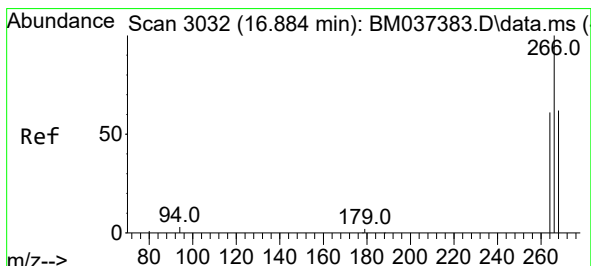
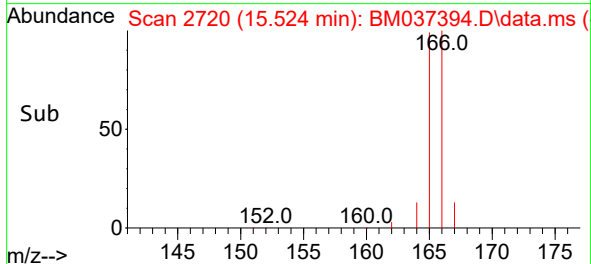
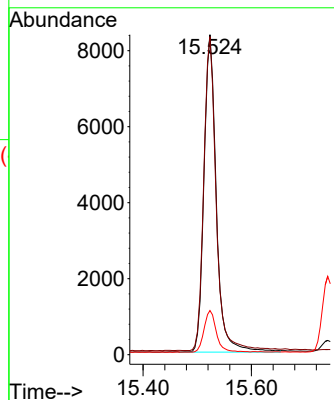
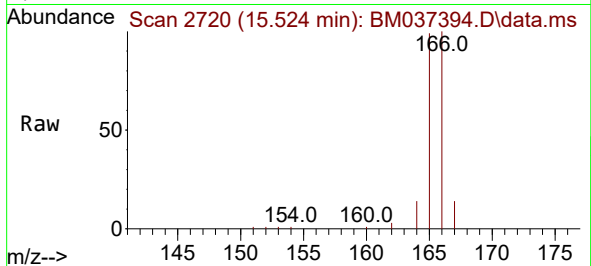




#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

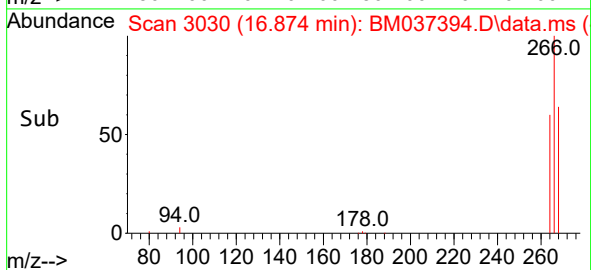
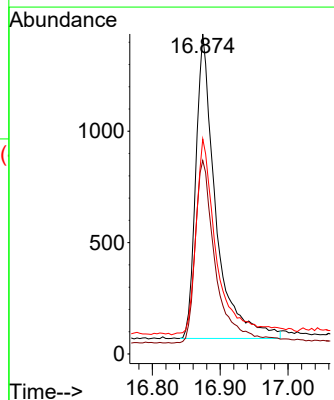
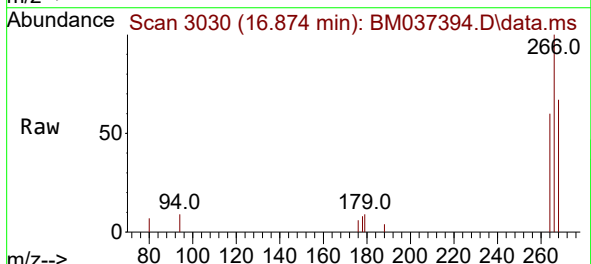
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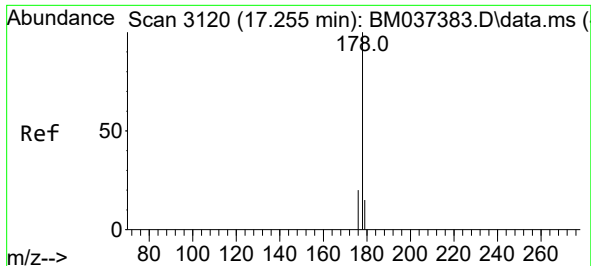
Tgt Ion:166 Resp: 13238
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.4
167 13.8 11.1 16.7



#14
Pentachlorophenol
Concen: 0.527 ng/ul
RT: 16.874 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Tgt Ion:266 Resp: 2778
Ion Ratio Lower Upper
266 100
264 62.1 49.9 74.9
268 67.1 51.9 77.9

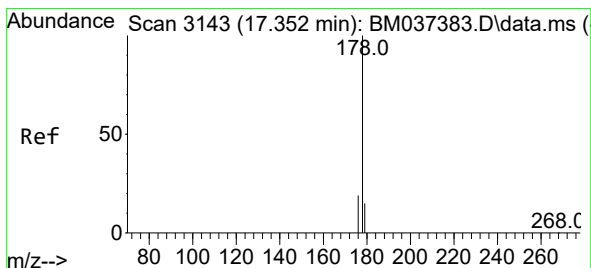
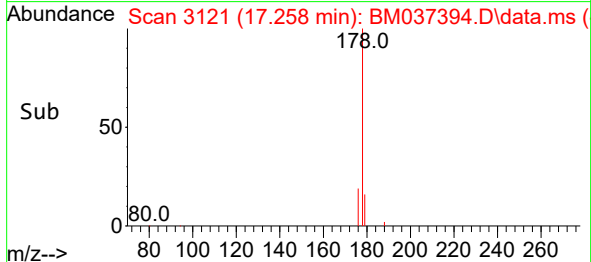
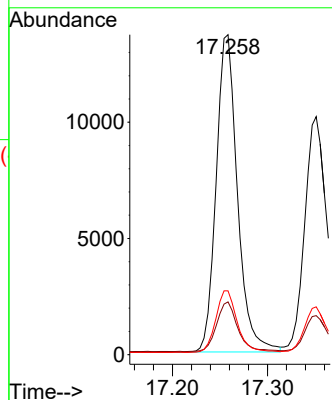
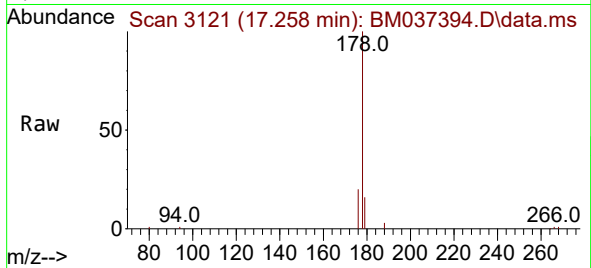




#15
Phenanthrene
Concen: 0.312 ng/ul
RT: 17.258 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

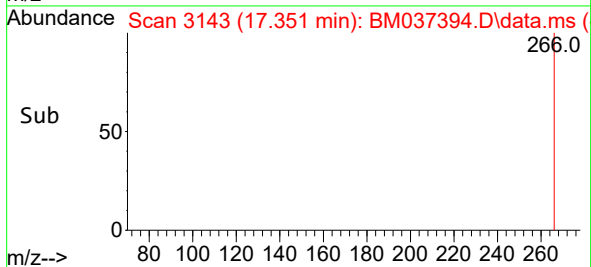
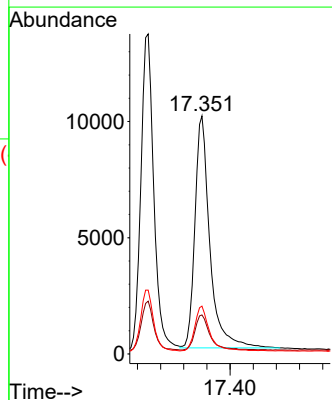
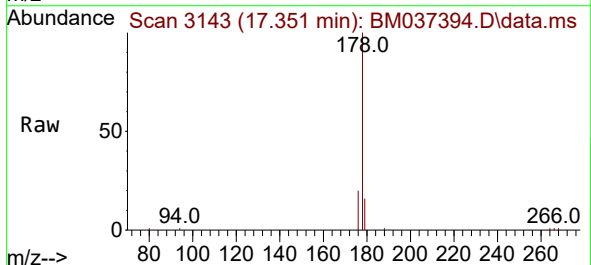
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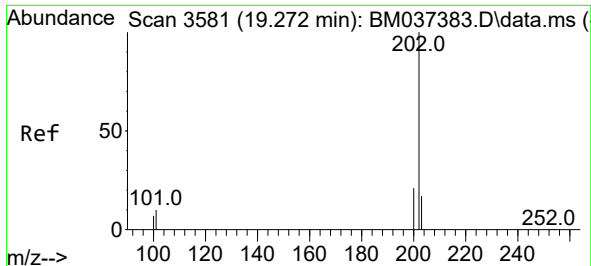
Tgt Ion:178 Resp: 21315
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.321 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. 0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Tgt Ion:178 Resp: 17862
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 20.1 15.5 23.3

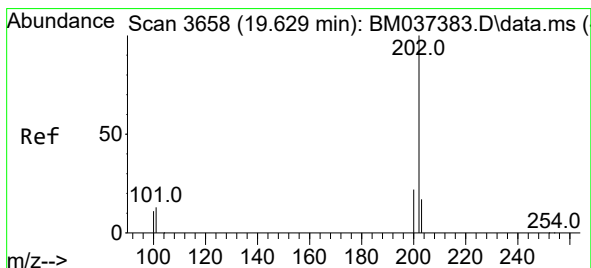
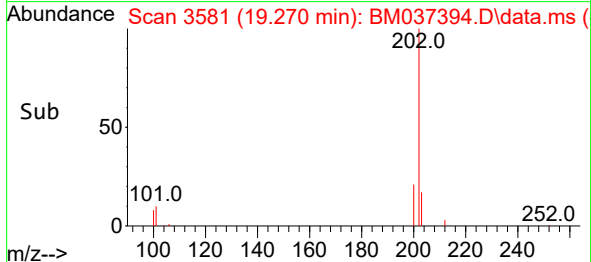
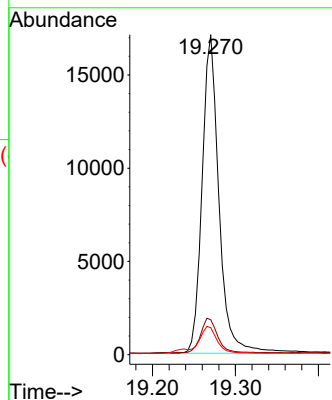
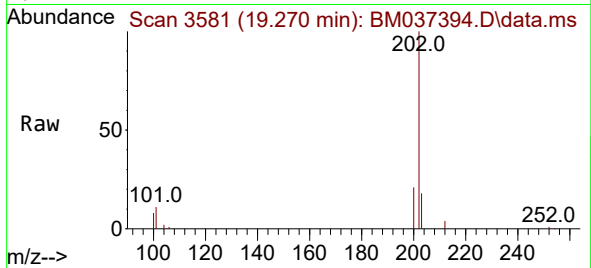




#19
Fluoranthene
Concen: 0.349 ng/ul
RT: 19.270 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

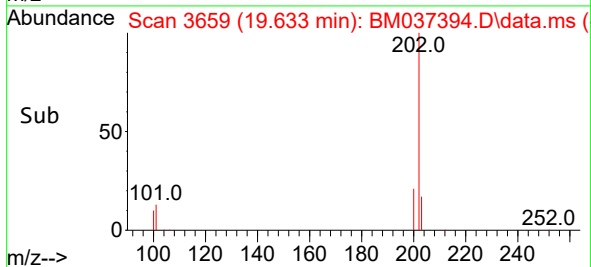
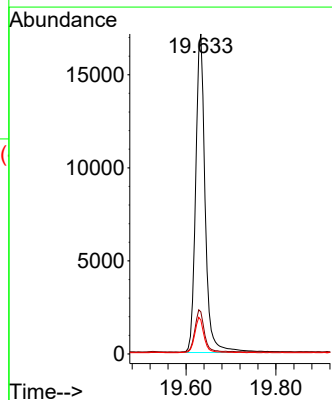
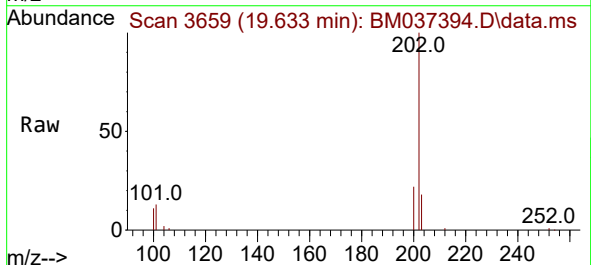
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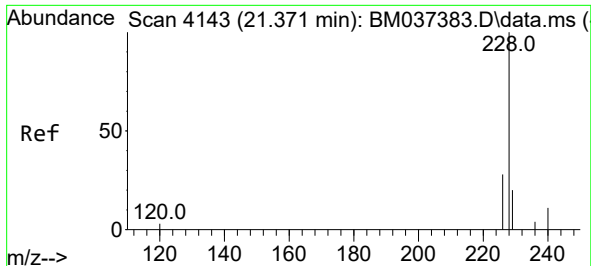
Tgt Ion:202 Resp: 24062
Ion Ratio Lower Upper
202 100
101 10.9 8.7 13.1
100 8.5 6.6 10.0



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.633 min Scan# 3659
Delta R.T. 0.004 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Tgt Ion:202 Resp: 25223
Ion Ratio Lower Upper
202 100
101 13.2 11.1 16.7
100 10.6 9.0 13.4

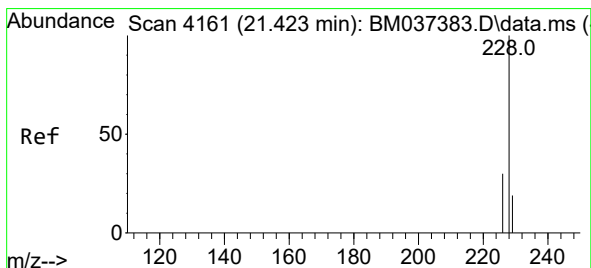
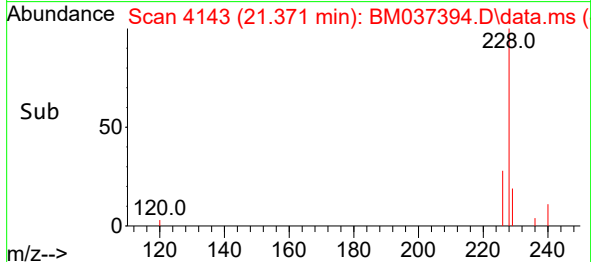
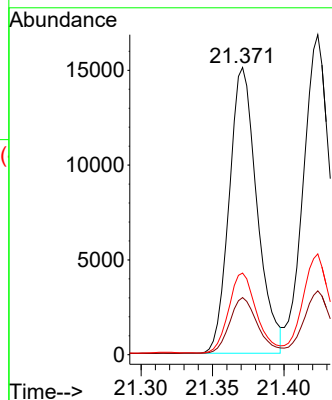
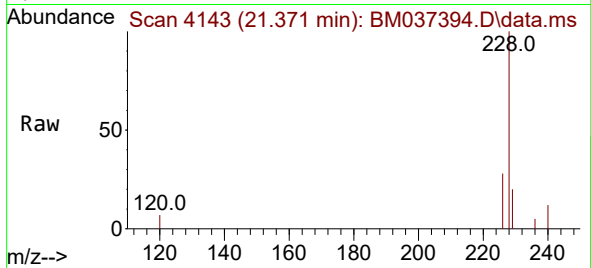




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.371 min Scan# 4143
Delta R.T. 0.003 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

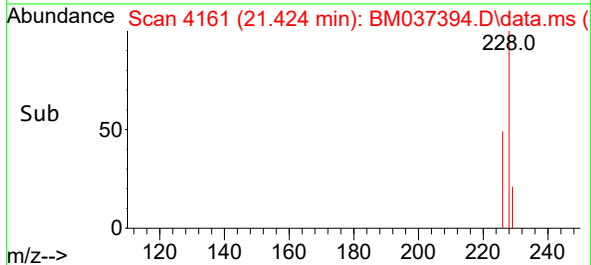
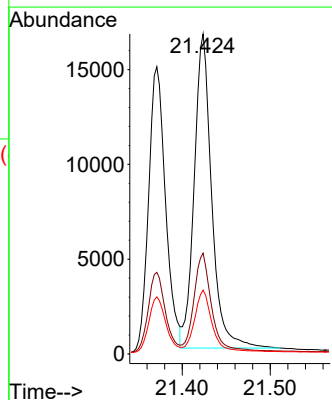
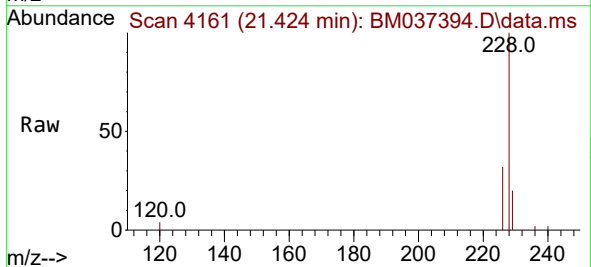
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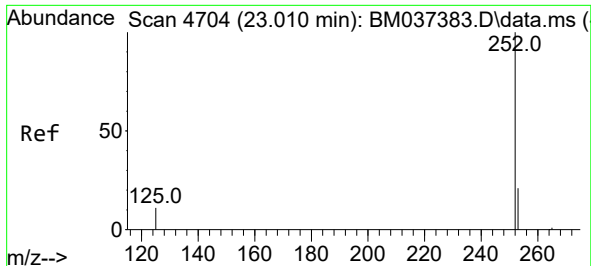
Tgt Ion:228 Resp: 20394
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 28.4 22.6 33.8



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.424 min Scan# 4161
Delta R.T. -0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Tgt Ion:228 Resp: 22949
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 19.9 15.6 23.4

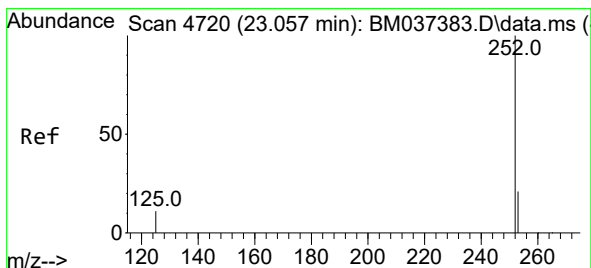
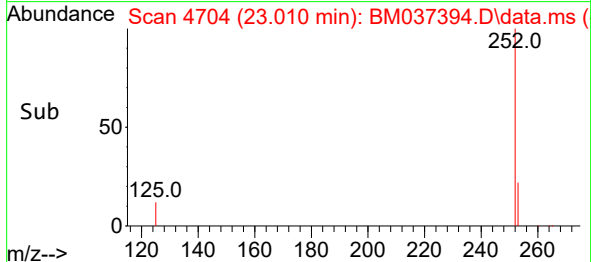
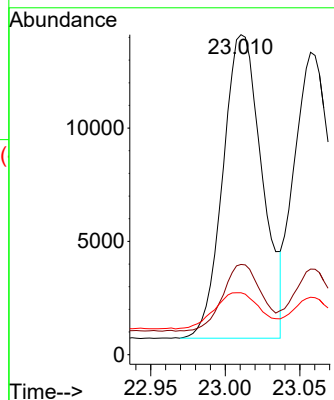
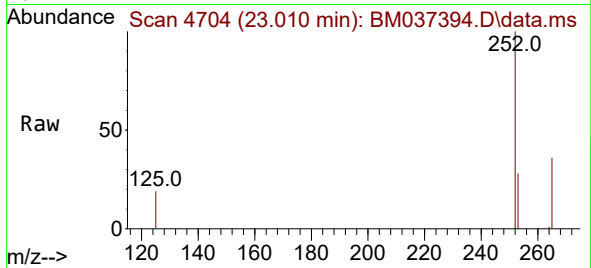




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.010 min Scan# 4704
Delta R.T. -0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

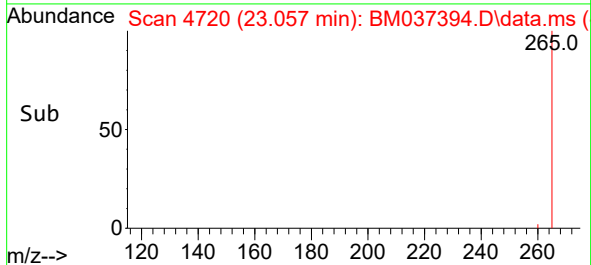
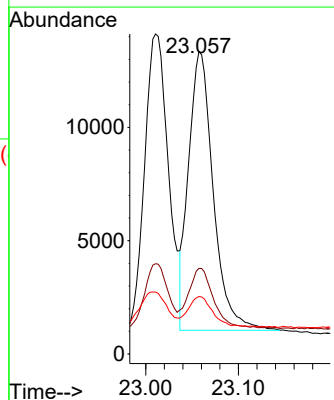
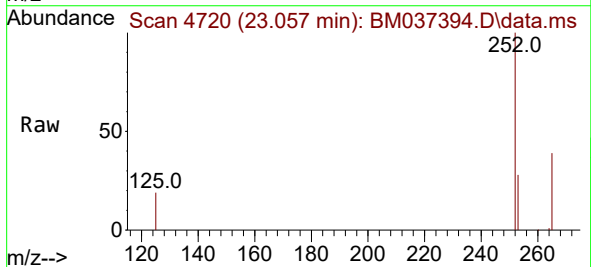
Instrument :
BNA_M
ClientSampleId :
SLCS709

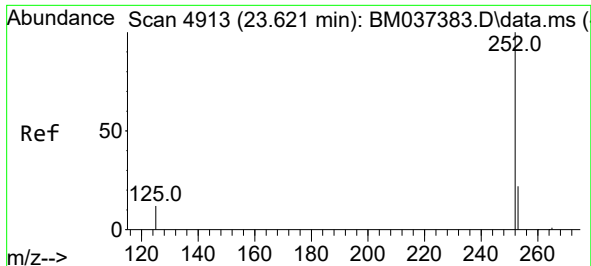
Tgt Ion:252 Resp: 24558
Ion Ratio Lower Upper
252 100
253 28.2 0.0 52.6
125 19.3 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.057 min Scan# 4720
Delta R.T. -0.000 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Tgt Ion:252 Resp: 22773
Ion Ratio Lower Upper
252 100
253 28.3 21.6 32.4
125 19.0 13.8 20.8

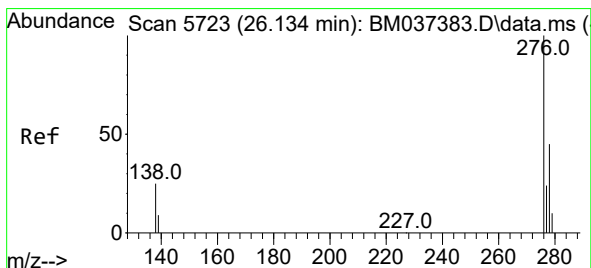
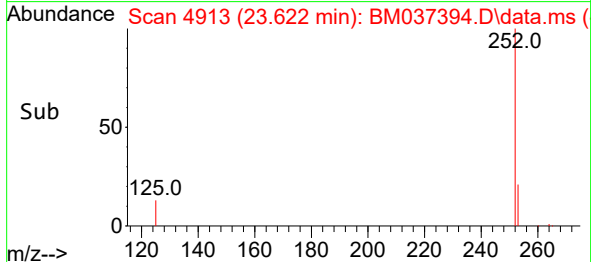
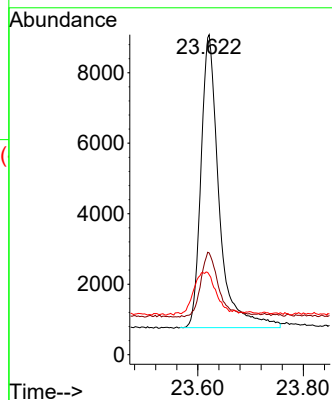
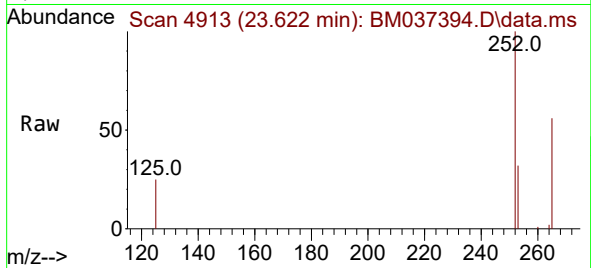




#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.622 min Scan# 4913
Delta R.T. 0.003 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

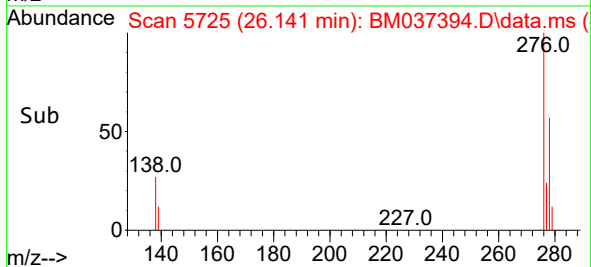
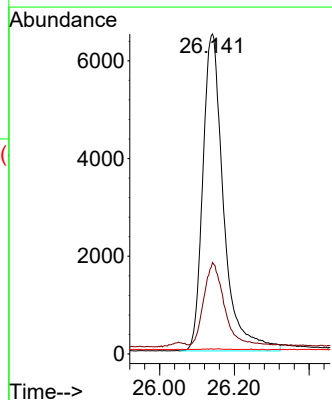
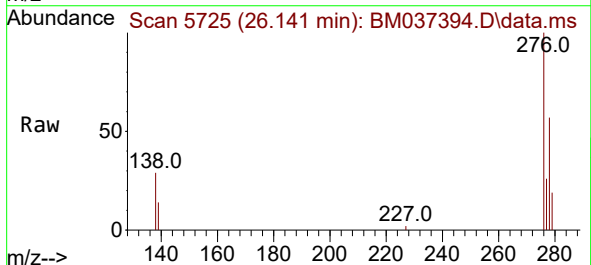
Instrument :
BNA_M
ClientSampleId :
SLCS709

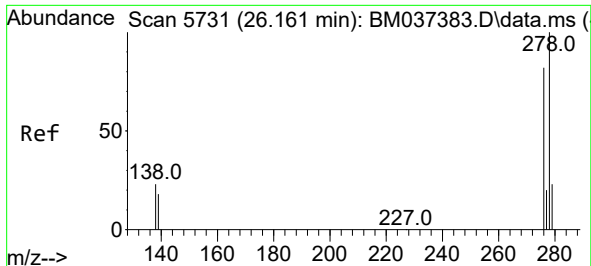
Tgt Ion:252 Resp: 19730
Ion Ratio Lower Upper
252 100
253 31.8 23.8 35.6
125 25.0 17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 26.141 min Scan# 5725
Delta R.T. 0.003 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Tgt Ion:276 Resp: 25014
Ion Ratio Lower Upper
276 100
138 26.3 20.8 31.2
227 0.0 0.1 0.1#

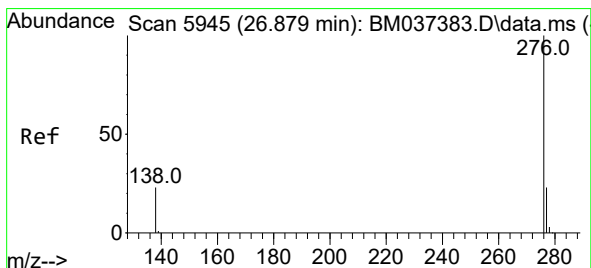
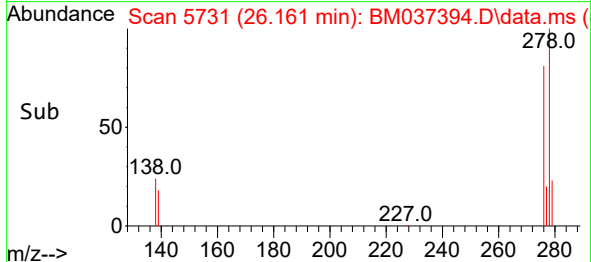
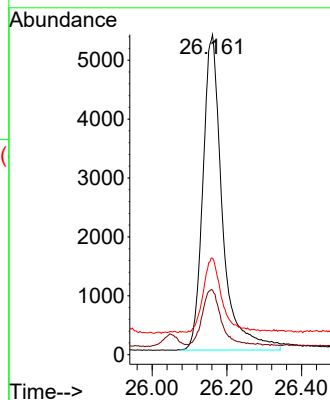
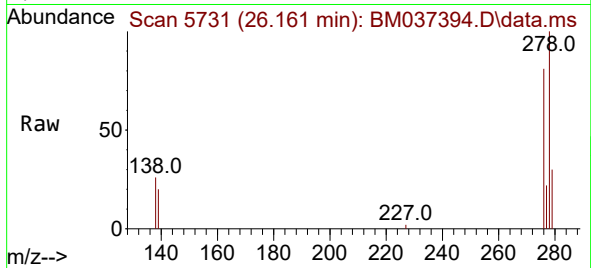




#28
Dibenzo(a,h)anthracene
Concen: 0.319 ng/ul
RT: 26.161 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Instrument :
BNA_M
ClientSampleId :
SLCS709

Tgt Ion:278 Resp: 19378
Ion Ratio Lower Upper
278 100
139 20.2 15.2 22.8
279 30.2 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.318 ng/ul
RT: 26.886 min Scan# 5947
Delta R.T. 0.006 min
Lab File: BM037394.D
Acq: 07 Nov 2022 16:36

Tgt Ion:276 Resp: 21689
Ion Ratio Lower Upper
276 100
138 25.6 19.6 29.4
277 25.3 20.1 30.1

