

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037403.D
 Acq On : 07 Nov 2022 22:40
 Operator : CG/JU
 Sample : PB148834BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS834

Quant Time: Nov 07 23:23:52 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)

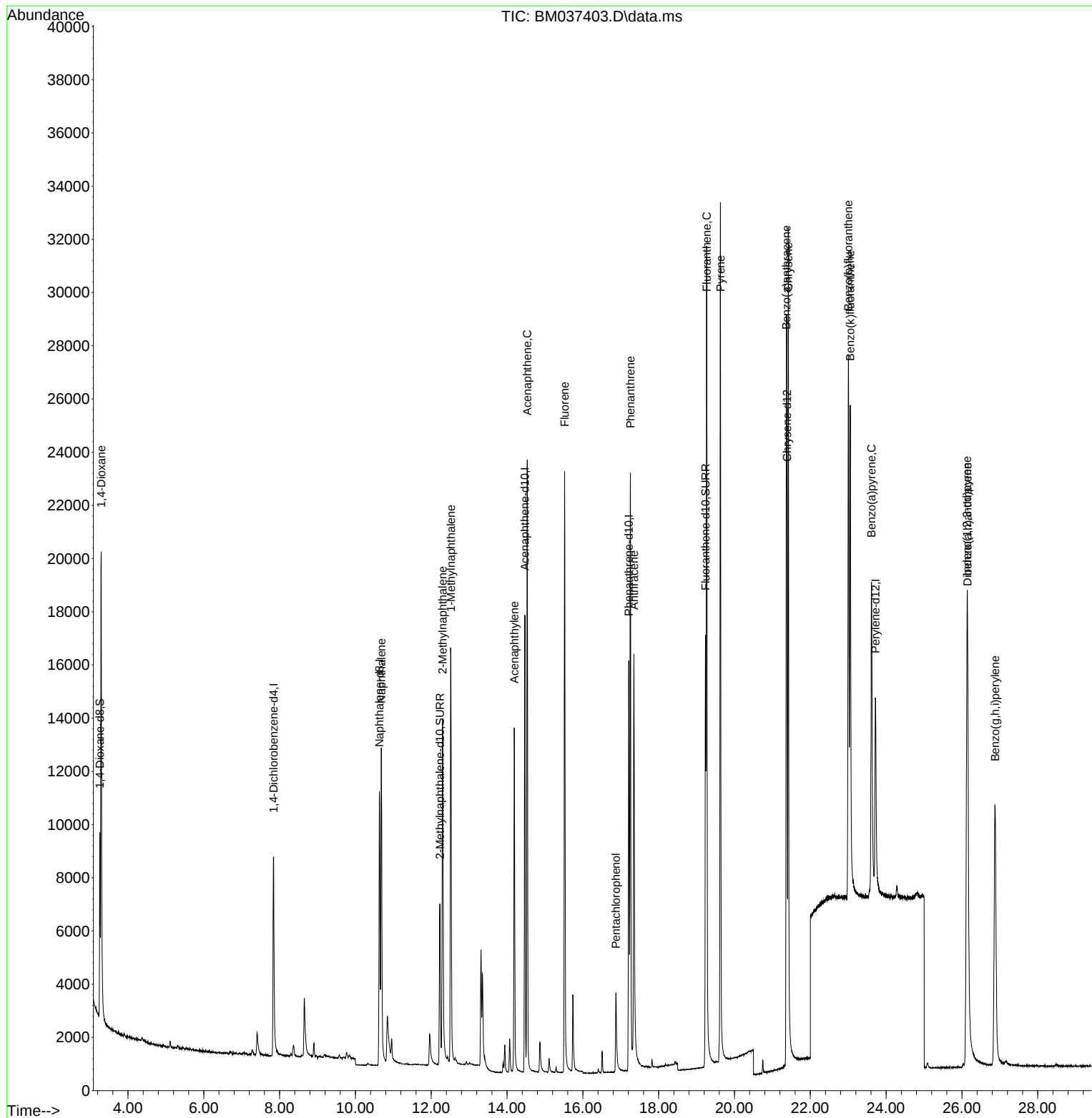
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	5111	0.400	ng/u1	0.00
4) Naphthalene-d8	10.633	136	16132	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.469	164	9216	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.213	188	18992	0.400	ng/u1	0.00
17) Chrysene-d12	21.385	240	13608	0.400	ng/u1	0.00
23) Perylene-d12	23.717	264	10997	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	4590	0.707	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.228	152	9686	0.399	ng/u1	0.00
18) Fluoranthene-d10	19.234	212	19149	0.450	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	11648	1.816	ng/u1#	85
5) Naphthalene	10.682	128	18259	0.391	ng/u1	99
7) 2-Methylnaphthalene	12.299	142	11465	0.391	ng/u1	98
8) 1-Methylnaphthalene	12.519	142	12313	0.409	ng/u1	100
10) Acenaphthylene	14.192	152	15327	0.391	ng/u1	99
11) Acenaphthene	14.534	153	13837	0.399	ng/u1	99
12) Fluorene	15.520	166	15529	0.391	ng/u1	99
14) Pentachlorophenol	16.875	266	2857	0.570	ng/u1	100
15) Phenanthrene	17.255	178	25254	0.388	ng/u1	100
16) Anthracene	17.348	178	20759	0.392	ng/u1	99
19) Fluoranthene	19.267	202	28467	0.442	ng/u1	97
20) Pyrene	19.629	202	29589	0.438	ng/u1	98
21) Benzo(a)anthracene	21.367	228	23603	0.402	ng/u1	99
22) Chrysene	21.420	228	26953	0.412	ng/u1	99
24) Benzo(b)fluoranthene	23.004	252	26830	0.425	ng/u1	99
25) Benzo(k)fluoranthene	23.054	252	25616	0.424	ng/u1	99
26) Benzo(a)pyrene	23.615	252	21209	0.402	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.134	276	27266	0.388	ng/u1#	98
28) Dibenzo(a,h)anthracene	26.151	278	21002	0.388	ng/u1	97
29) Benzo(g,h,i)perylene	26.875	276	23818	0.392	ng/u1	98

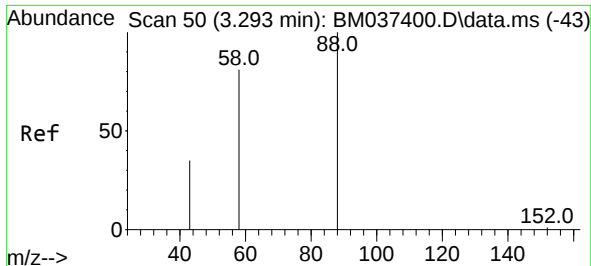
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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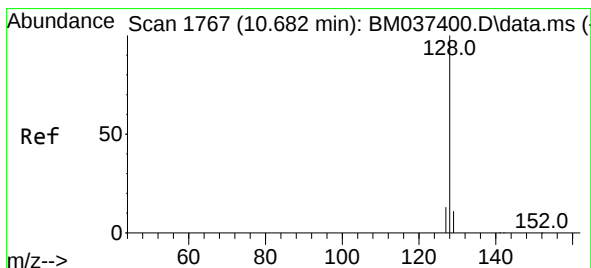
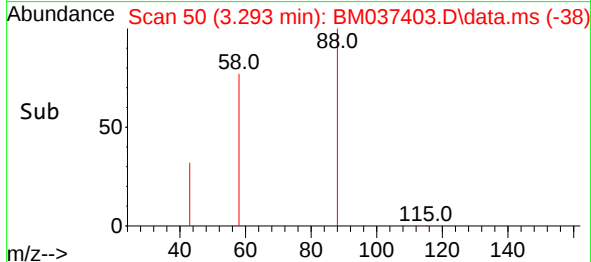
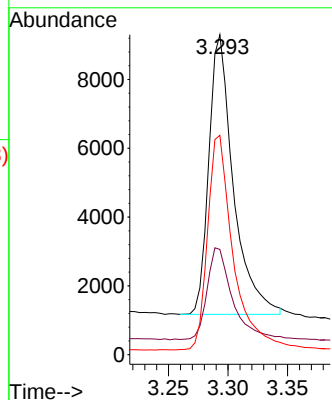
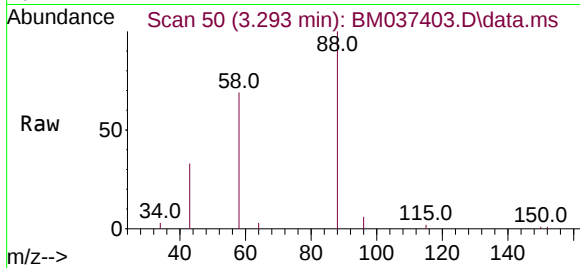




#2
1,4-Dioxane
Concen: 1.816 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. -0.000 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

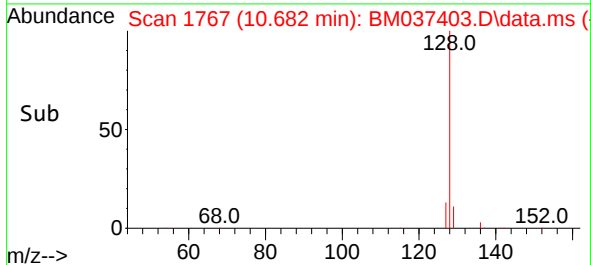
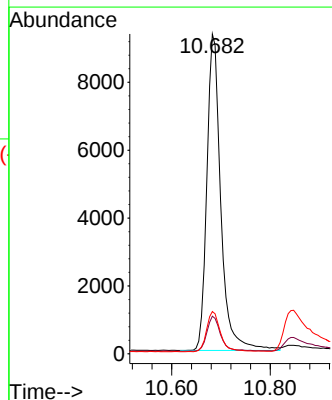
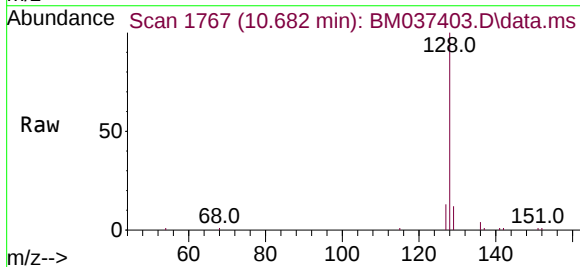
Instrument :
BNA_M
ClientSampleId :
SLCS834

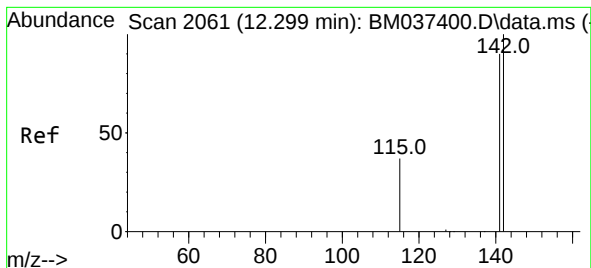
Tgt Ion: 88 Resp: 11648
Ion Ratio Lower Upper
88 100
43 32.9 39.9 59.9#
58 68.5 50.2 75.2



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.682 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

Tgt Ion: 128 Resp: 18259
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.2 10.2 15.4

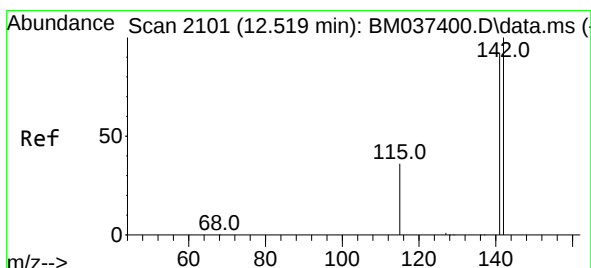
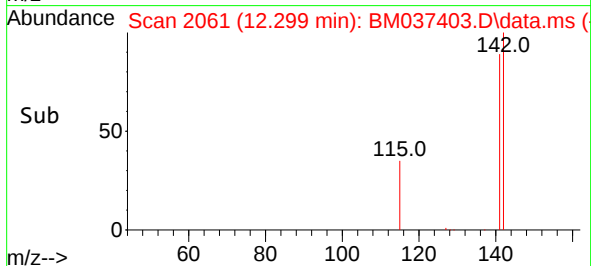
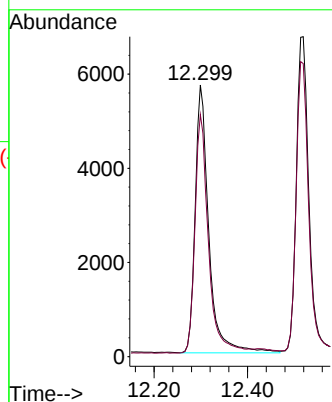
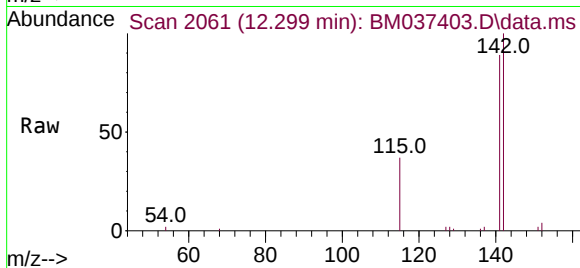




#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

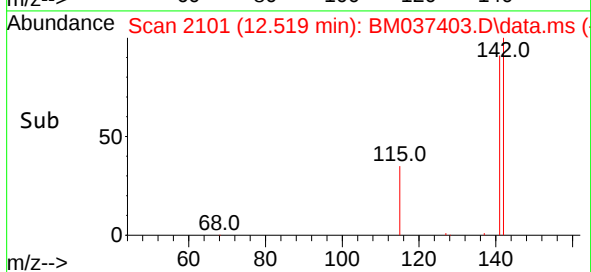
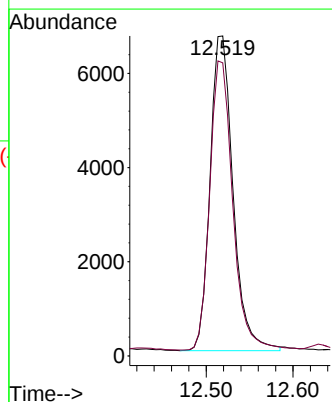
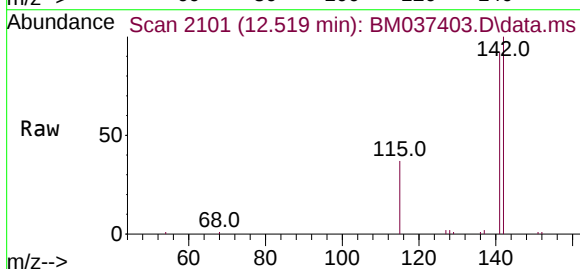
Instrument :
BNA_M
ClientSampleId :
SLCS834

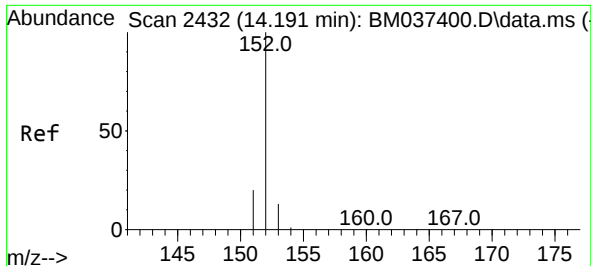
Tgt Ion:142 Resp: 11465
Ion Ratio Lower Upper
142 100
141 90.4 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

Tgt Ion:142 Resp: 12313
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9

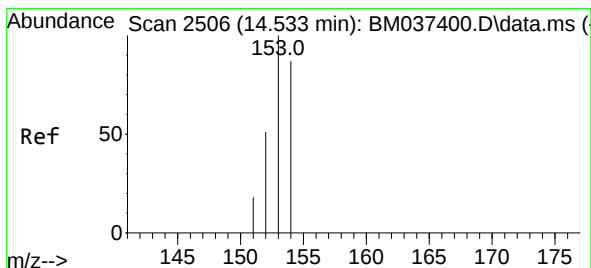
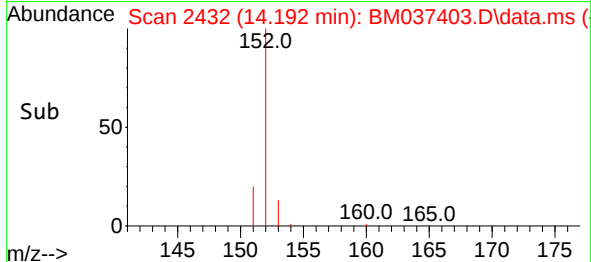
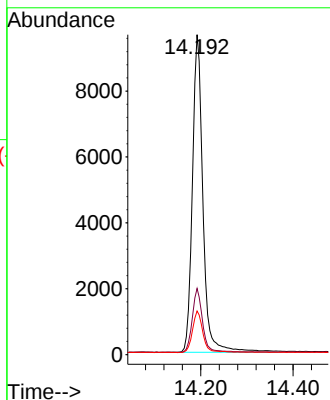
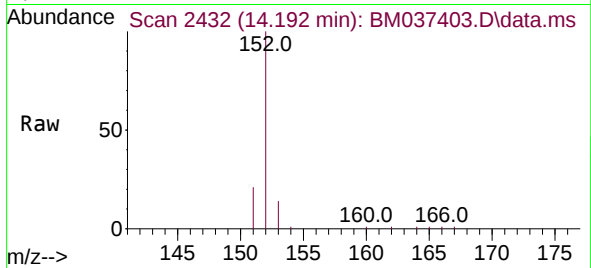




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.004 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

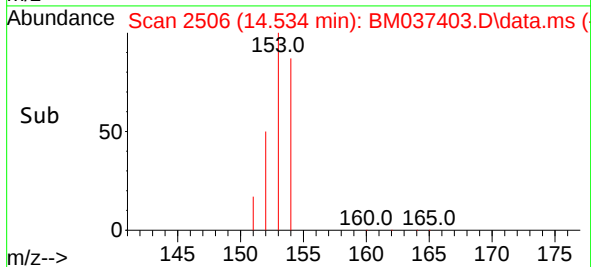
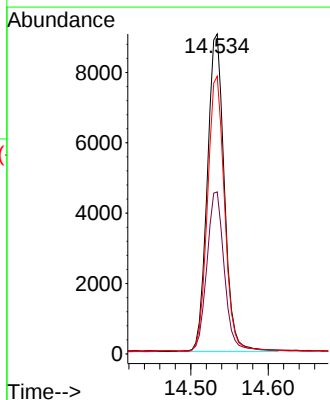
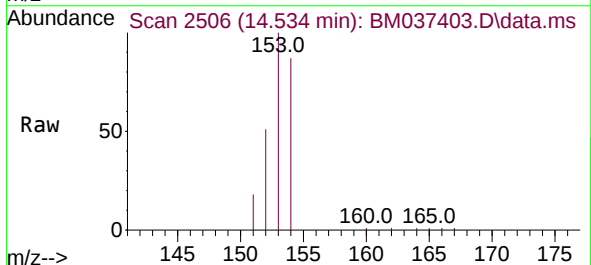
Instrument :
BNA_M
ClientSampleId :
SLCS834

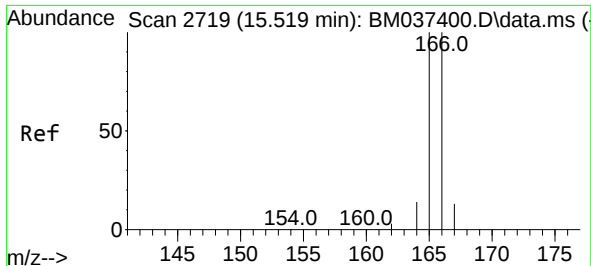
Tgt Ion:152	Resp:	15327
Ion Ratio	Lower	Upper
152	100	
151	20.7	16.1 24.1
153	13.6	11.0 16.4



#11
Acenaphthene
Concen: 0.399 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.004 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

Tgt Ion:153	Resp:	13837
Ion Ratio	Lower	Upper
153	100	
152	50.6	40.2 60.4
154	86.8	70.4 105.6

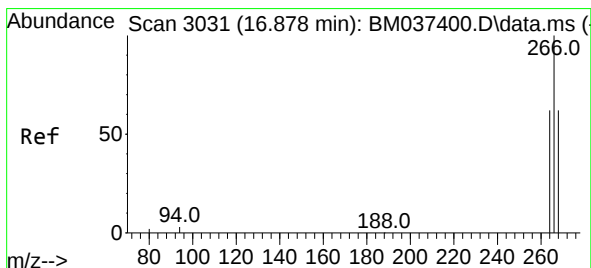
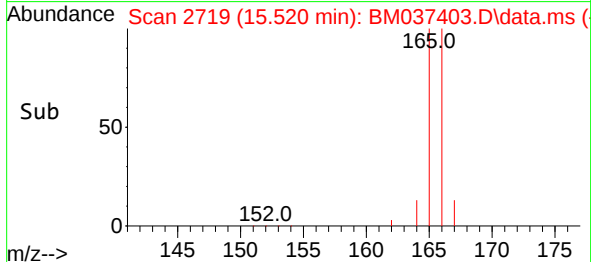
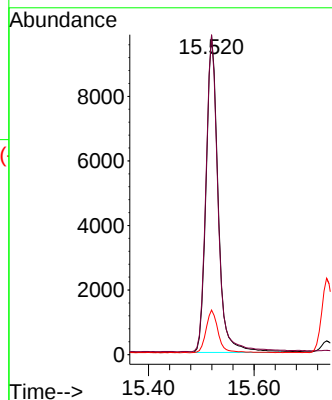
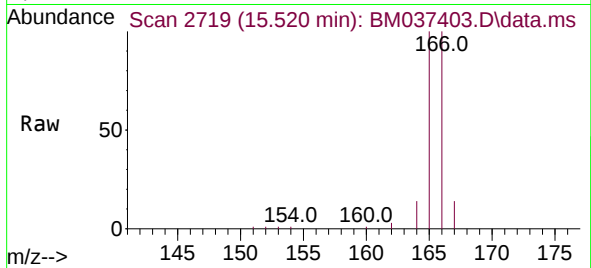




#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

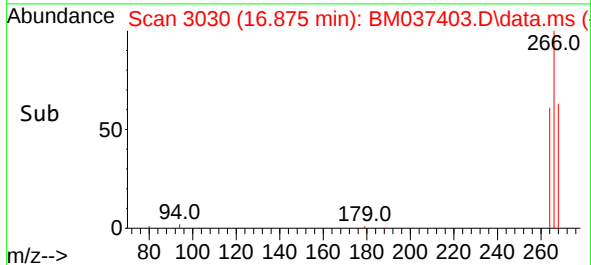
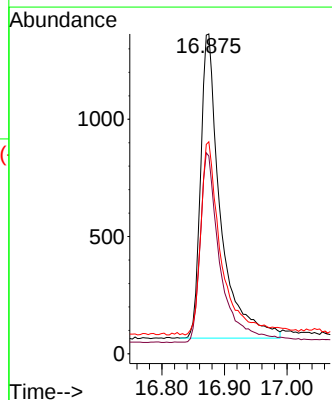
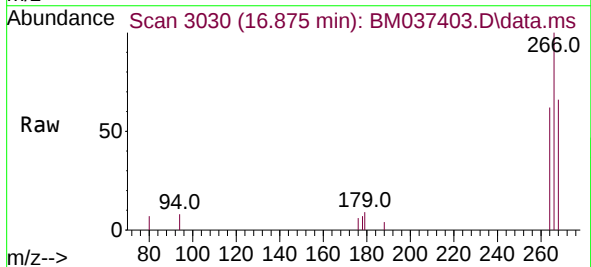
Instrument :
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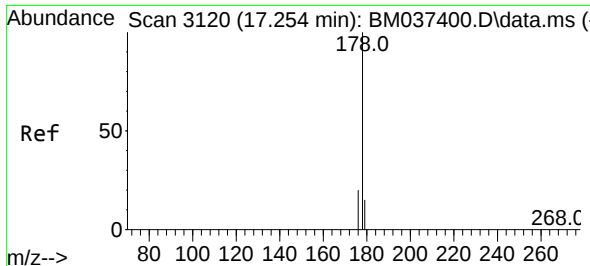
Tgt Ion:166 Resp: 15529
Ion Ratio Lower Upper
166 100
165 100.2 79.0 118.4
167 14.0 11.1 16.7



#14
Pentachlorophenol
Concen: 0.570 ng/ul
RT: 16.875 min Scan# 3030
Delta R.T. -0.003 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

Tgt Ion:266 Resp: 2857
Ion Ratio Lower Upper
266 100
264 62.3 49.9 74.9
268 65.4 51.9 77.9

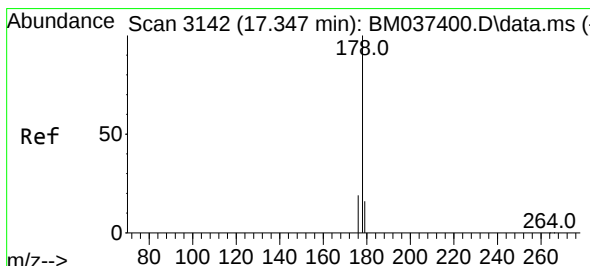
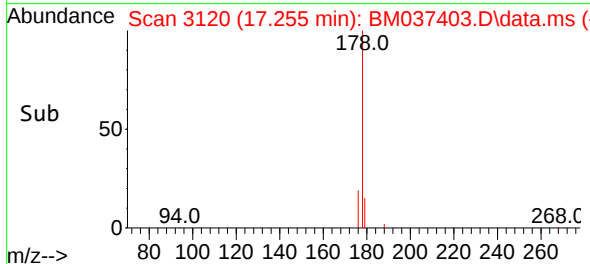
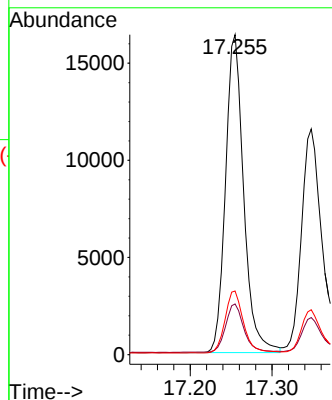
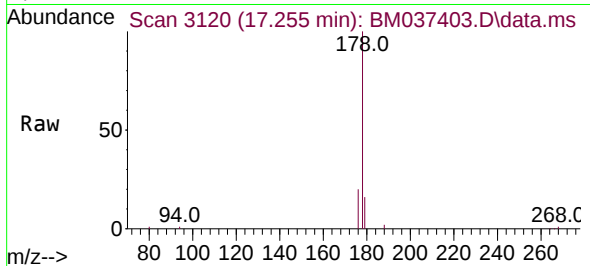




#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. -0.003 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

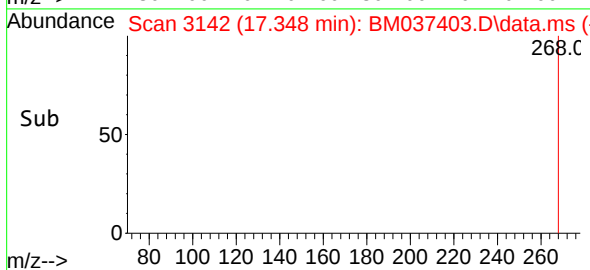
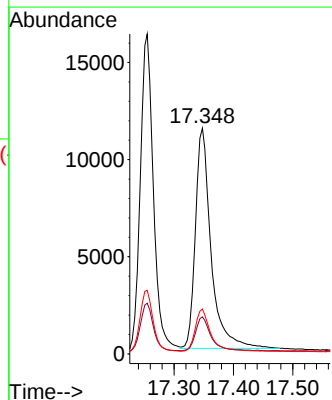
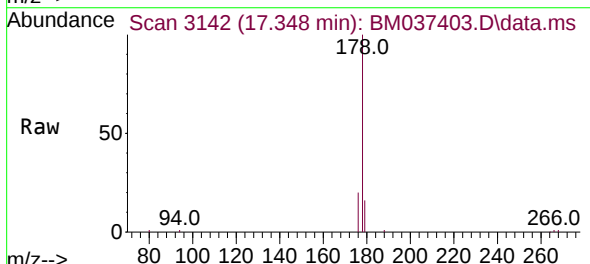
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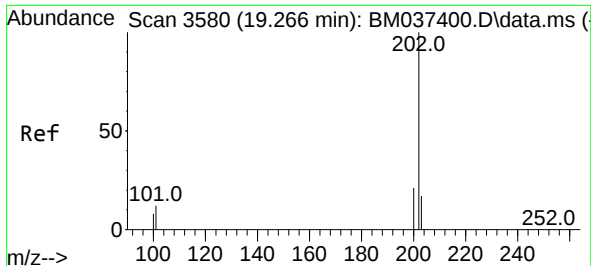
Tgt Ion:	178	Resp:	25254
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	19.9	16.0	24.0



#16
Anthracene
Concen: 0.392 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

Tgt Ion:	178	Resp:	20759
Ion Ratio	Lower	Upper	
178	100		
179	16.4	13.0	19.4
176	19.9	15.5	23.3

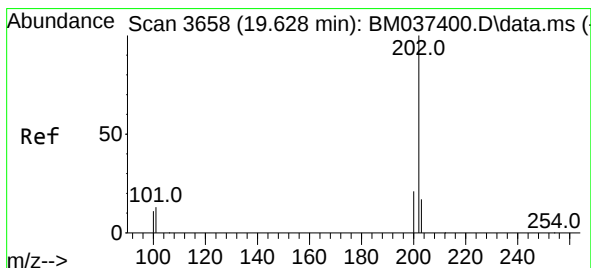
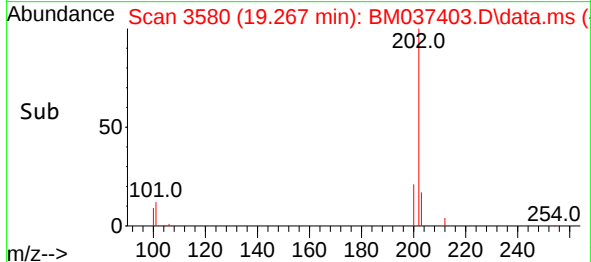
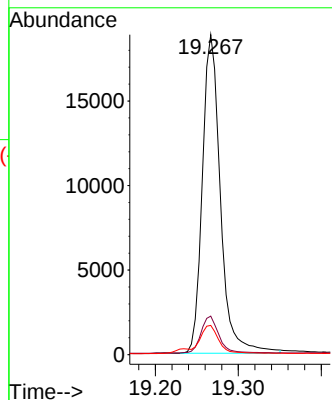
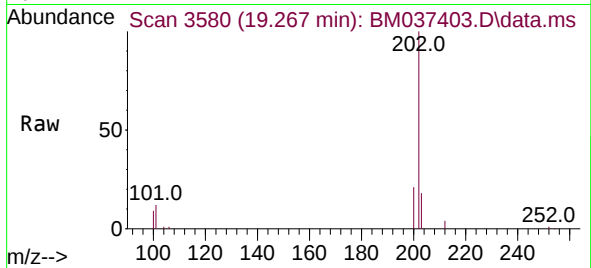




#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.267 min Scan# 3580
Delta R.T. -0.004 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

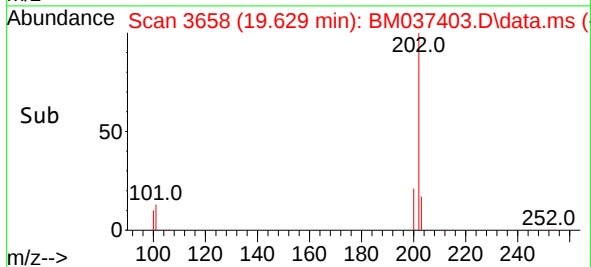
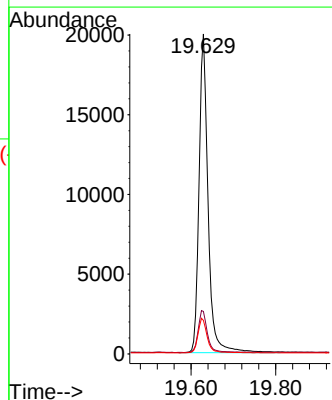
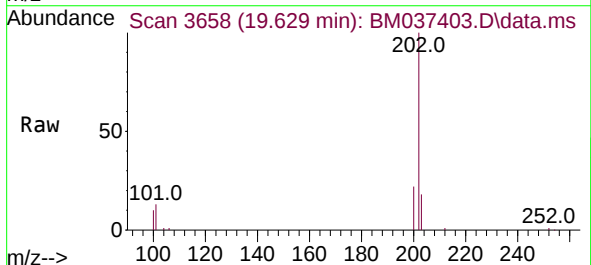
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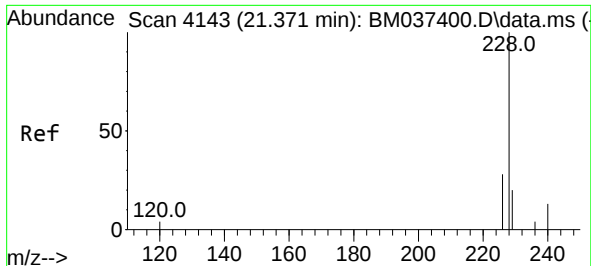
Tgt Ion:202 Resp: 28467
Ion Ratio Lower Upper
202 100
101 12.0 8.7 13.1
100 9.1 6.6 10.0



#20
Pyrene
Concen: 0.438 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. 0.001 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

Tgt Ion:202 Resp: 29589
Ion Ratio Lower Upper
202 100
101 13.3 11.1 16.7
100 10.5 9.0 13.4

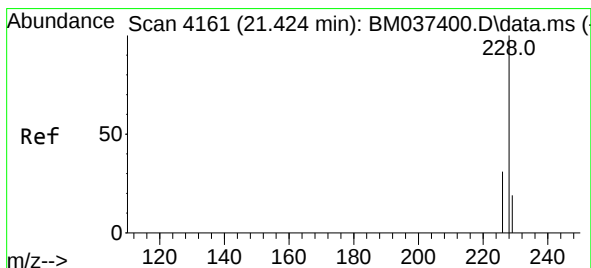
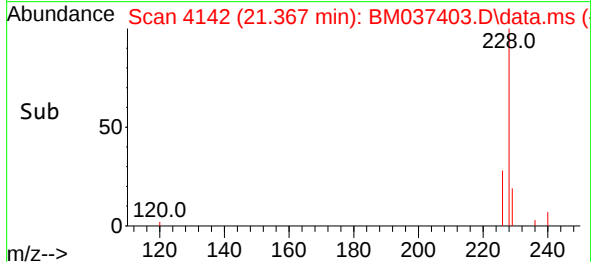
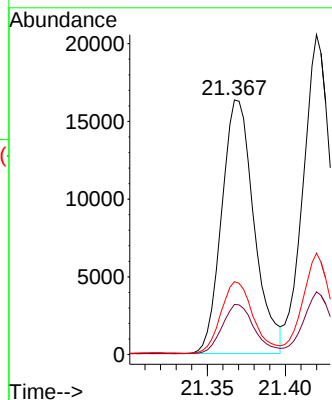
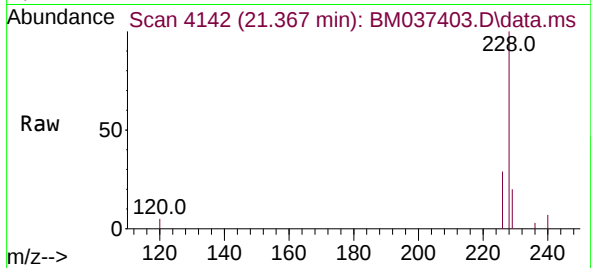




#21
Benzo(a)anthracene
Concen: 0.402 ng/ul
RT: 21.367 min Scan# 4143
Delta R.T. -0.001 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

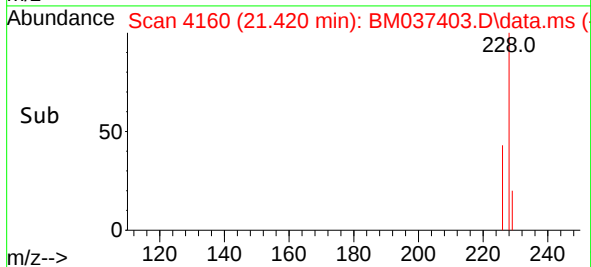
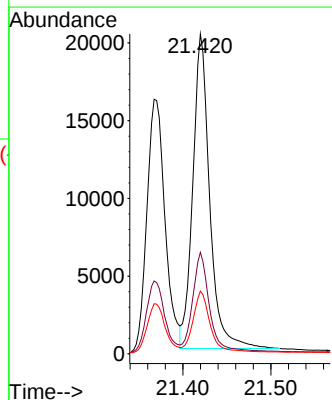
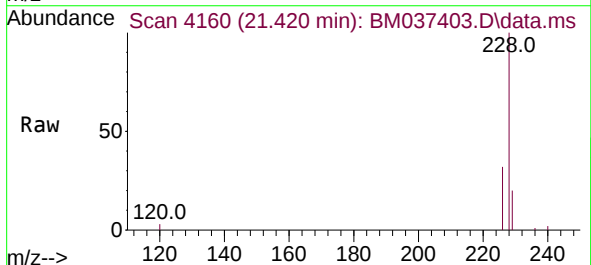
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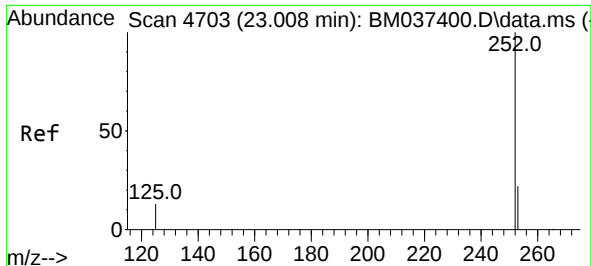
Tgt Ion:228 Resp: 23603
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 28.6 22.6 33.8



#22
Chrysene
Concen: 0.412 ng/ul
RT: 21.420 min Scan# 4160
Delta R.T. -0.004 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

Tgt Ion:228 Resp: 26953
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 19.6 15.6 23.4

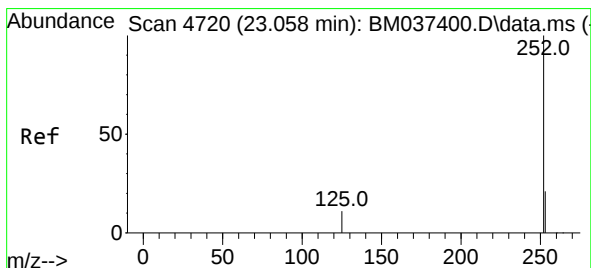
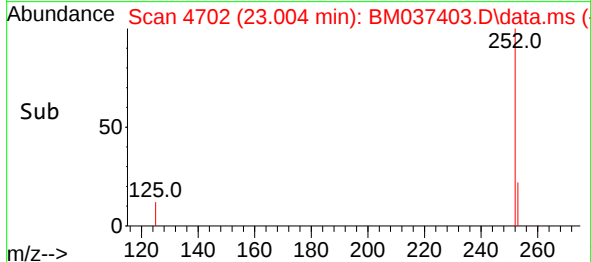
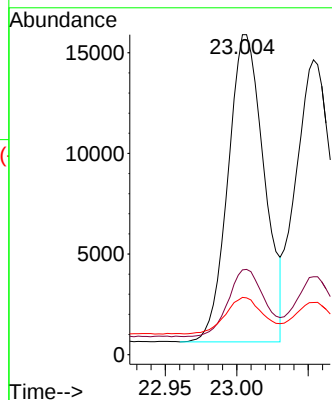
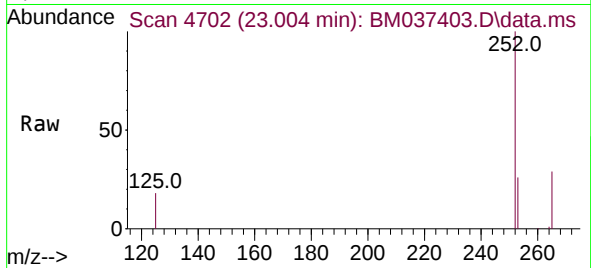




#24
Benzo(b)fluoranthene
Concen: 0.425 ng/ul
RT: 23.004 min Scan# 4719
Delta R.T. -0.007 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

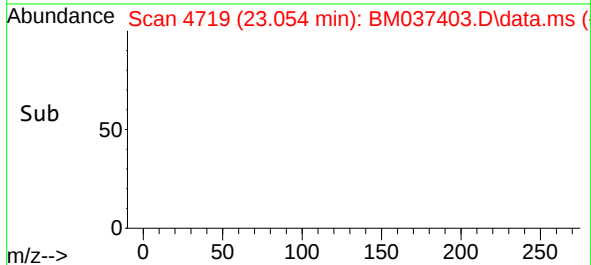
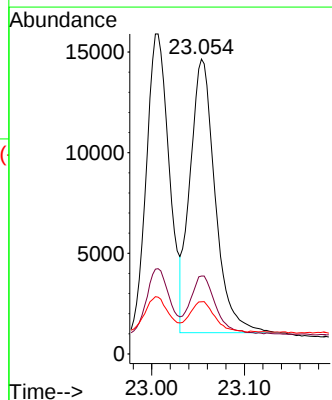
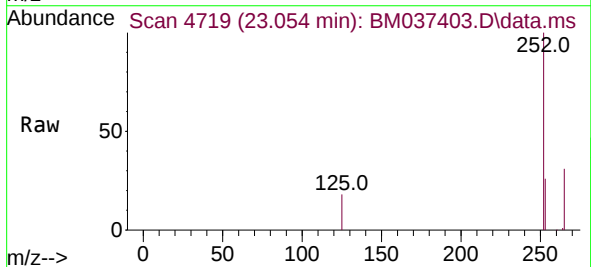
Instrument :
BNA_M
ClientSampleId :
SLCS834

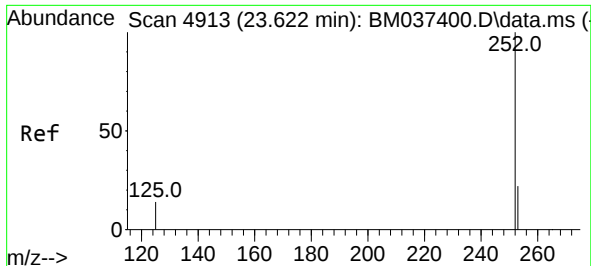
Tgt Ion:252 Resp: 26830
Ion Ratio Lower Upper
252 100
253 26.5 0.0 52.6
125 17.9 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.054 min Scan# 4719
Delta R.T. -0.004 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

Tgt Ion:252 Resp: 25616
Ion Ratio Lower Upper
252 100
253 26.4 21.6 32.4
125 17.7 13.8 20.8

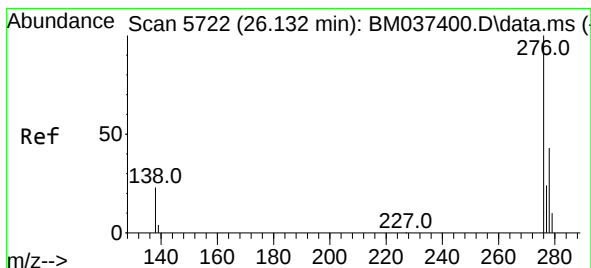
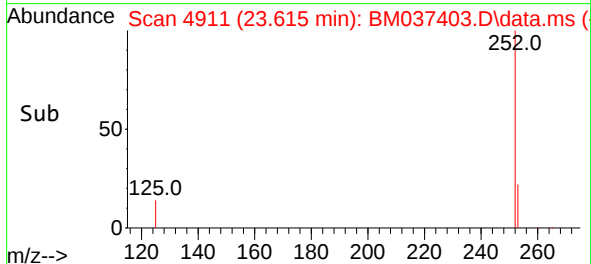
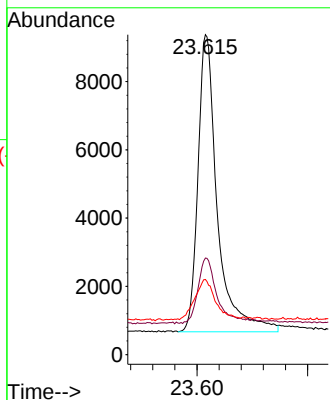
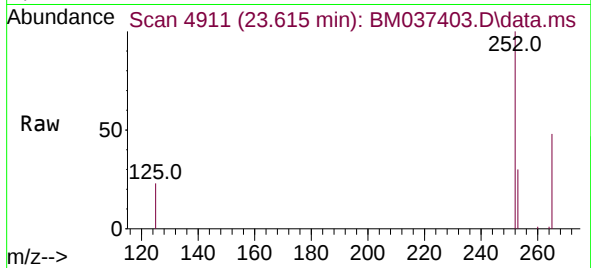




#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.615 min Scan# 4911
Delta R.T. -0.004 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

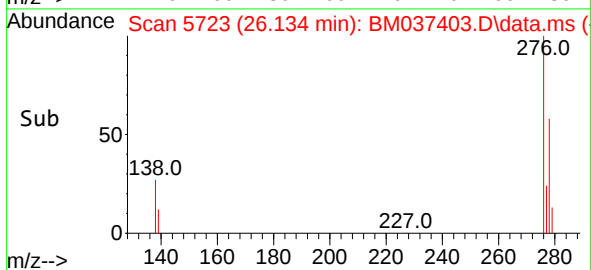
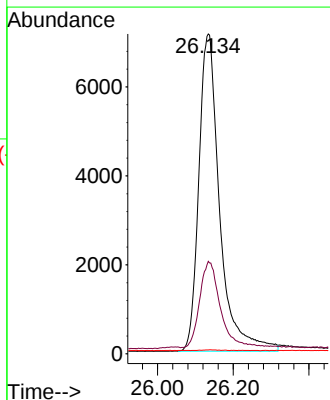
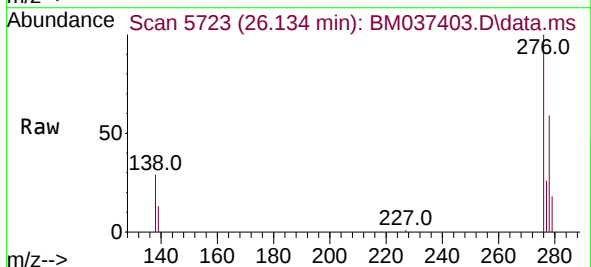
Instrument :
BNA_M
ClientSampleId :
SLCS834

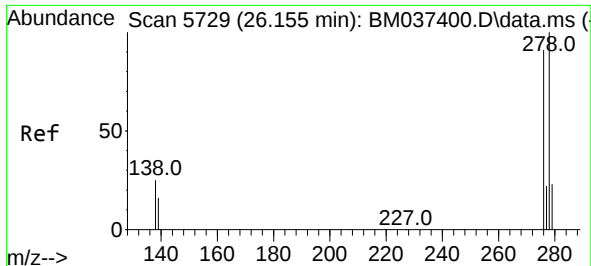
Tgt Ion:252 Resp: 21209
Ion Ratio Lower Upper
252 100
253 30.2 23.8 35.6
125 23.5 17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 26.134 min Scan# 5723
Delta R.T. -0.004 min
Lab File: BM037403.D
Acq: 07 Nov 2022 22:40

Tgt Ion:276 Resp: 27266
Ion Ratio Lower Upper
276 100
138 27.2 20.8 31.2
227 0.2 0.1 0.1#

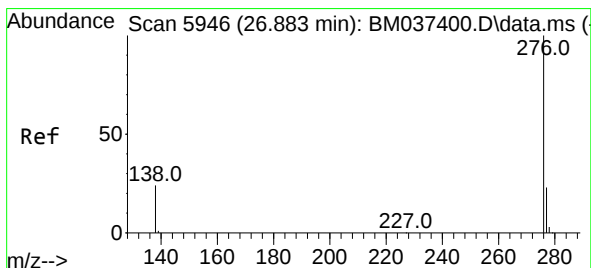
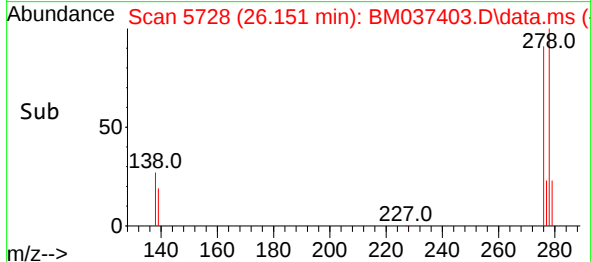
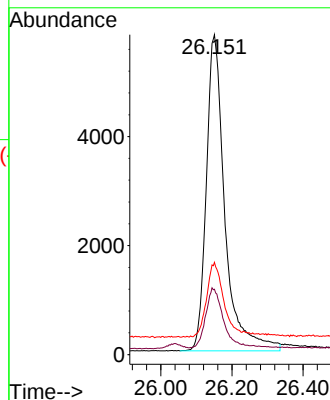
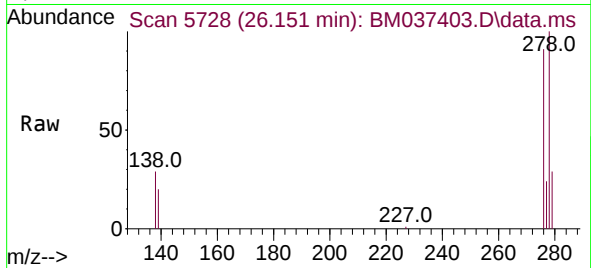




#28
 Dibenzo(a,h)anthracene
 Concen: 0.388 ng/ul
 RT: 26.151 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM037403.D
 Acq: 07 Nov 2022 22:40

Instrument :
 BNA_M
 ClientSampleId :
 SLCS834

Tgt Ion:278 Resp: 21002
 Ion Ratio Lower Upper
 278 100
 139 20.4 15.2 22.8
 279 28.8 22.2 33.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.392 ng/ul
 RT: 26.875 min Scan# 5944
 Delta R.T. -0.004 min
 Lab File: BM037403.D
 Acq: 07 Nov 2022 22:40

Tgt Ion:276 Resp: 23818
 Ion Ratio Lower Upper
 276 100
 138 26.2 19.6 29.4
 277 24.6 20.1 30.1

