

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111722\
 Data File : BM037600.D
 Acq On : 19 Nov 2022 13:56
 Operator : CG/JU
 Sample : PB149170BS
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS170

Quant Time: Nov 20 23:48:25 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 : Fri Nov 18 06:51:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

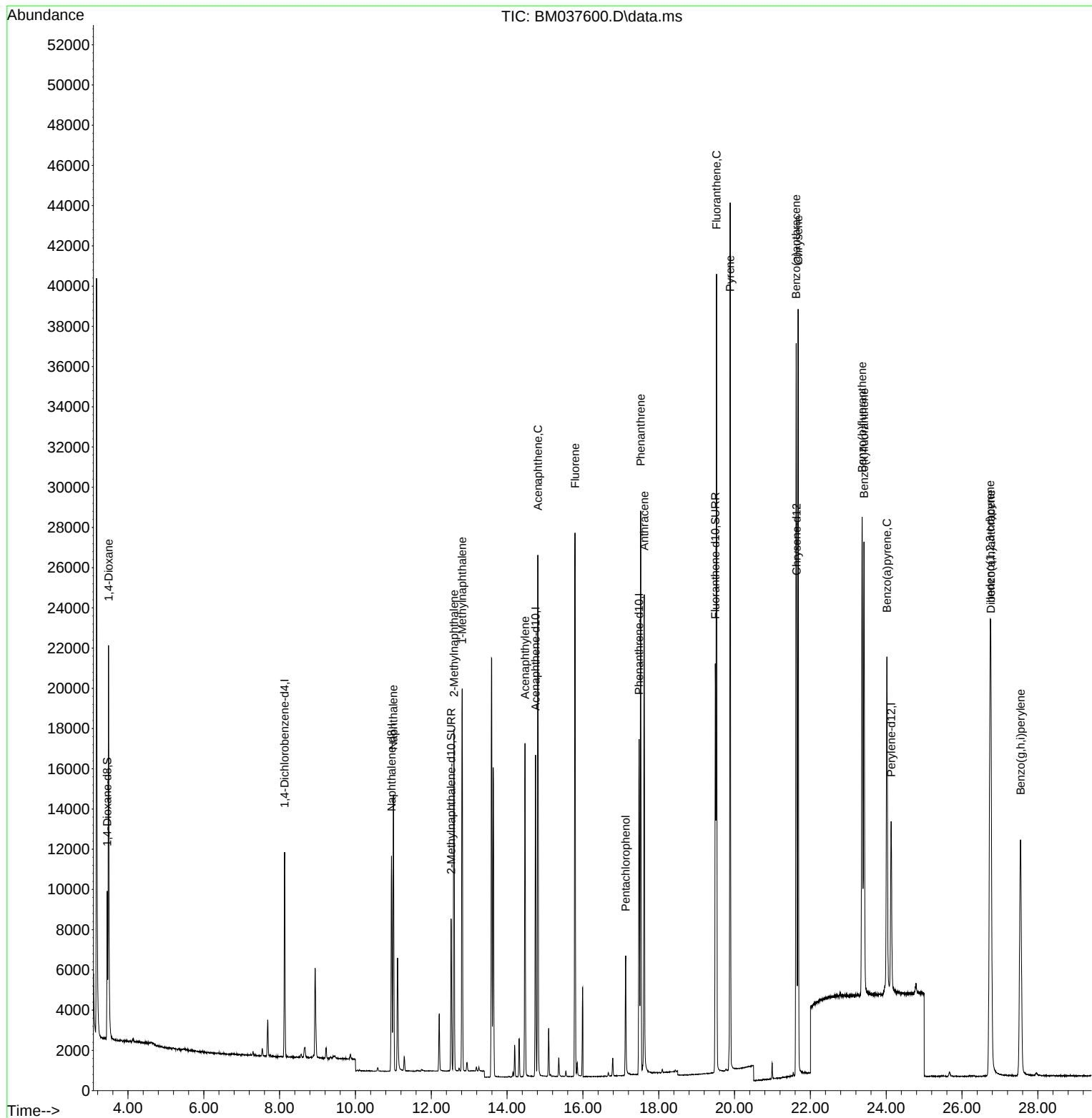
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.132	152	4970	0.400	ng/ul	0.00
4) Naphthalene-d8	10.952	136	13609	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.751	164	8241	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.482	188	18763	0.400	ng/ul	0.00
17) Chrysene-d12	21.640	240	13986	0.400	ng/ul	# 0.00
23) Perylene-d12	24.131	264	12321	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	4605	0.797	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.525	152	9145	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.494	212	20463	0.443	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.487	88	12362	2.055	ng/ul#	51
5) Naphthalene	11.001	128	18112	0.438	ng/ul	98
7) 2-Methylnaphthalene	12.602	142	11691	0.416	ng/ul	100
8) 1-Methylnaphthalene	12.816	142	12591	0.437	ng/ul	100
10) Acenaphthylene	14.473	152	18039	0.394	ng/ul	100
11) Acenaphthene	14.811	153	14250	0.446	ng/ul	98
12) Fluorene	15.792	166	16887	0.439	ng/ul	100
14) Pentachlorophenol	17.127	266	4107	0.976	ng/ul	99
15) Phenanthrene	17.524	178	28766	0.448	ng/ul	99
16) Anthracene	17.617	178	25739	0.416	ng/ul	99
19) Fluoranthene	19.526	202	33468	0.496	ng/ul	98
20) Pyrene	19.884	202	34093	0.486	ng/ul	97
21) Benzo(a)anthracene	21.625	228	29300	0.469	ng/ul	100
22) Chrysene	21.678	228	31923	0.514	ng/ul	100
24) Benzo(b)fluoranthene	23.367	252	31990	0.569	ng/ul	95
25) Benzo(k)fluoranthene	23.414	252	30547	0.539	ng/ul#	96
26) Benzo(a)pyrene	24.019	252	26140	0.535	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.742	276	33189	0.513	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.762	278	26094	0.513	ng/ul	98
29) Benzo(g,h,i)perylene	27.544	276	27071	0.493	ng/ul	97

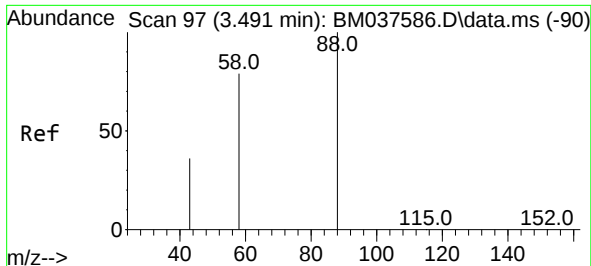
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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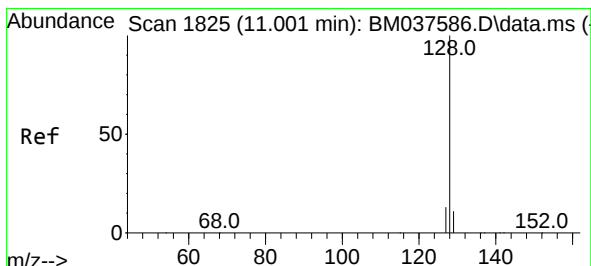
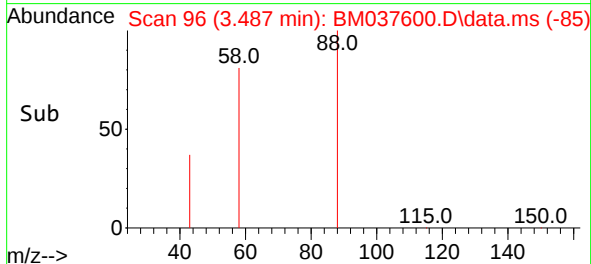
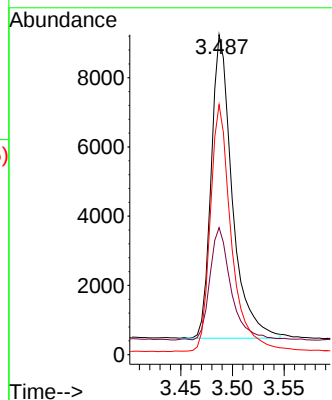
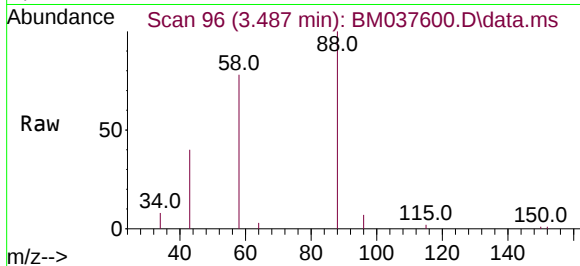




#2
1,4-Dioxane
Concen: 2.055 ng/ul
RT: 3.487 min Scan# 90
Delta R.T. -0.004 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

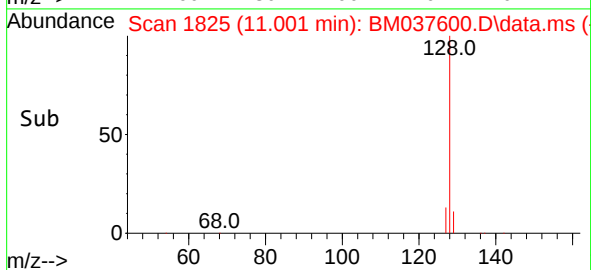
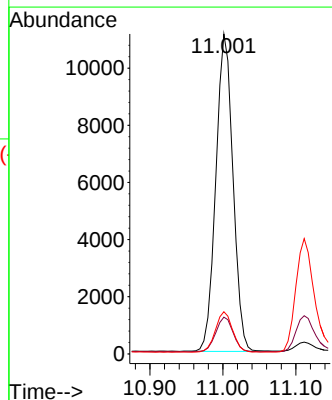
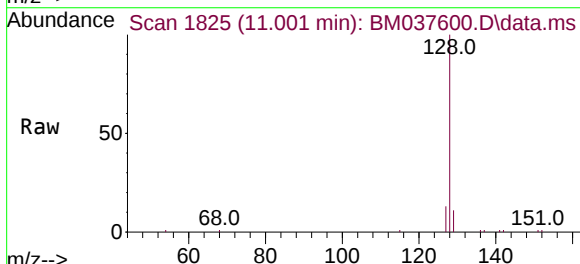
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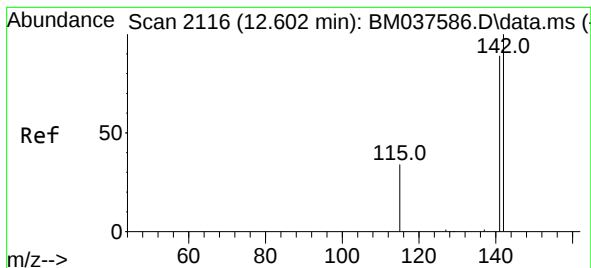
Tgt Ion: 88 Resp: 12362
Ion Ratio Lower Upper
88 100
43 39.7 102.8 154.2#
58 78.1 67.3 100.9



#5
Naphthalene
Concen: 0.438 ng/ul
RT: 11.001 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion: 128 Resp: 18112
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.8
127 13.2 11.0 16.4

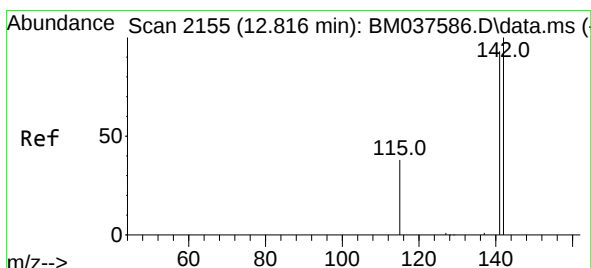
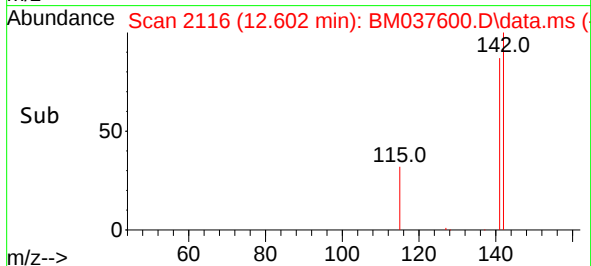
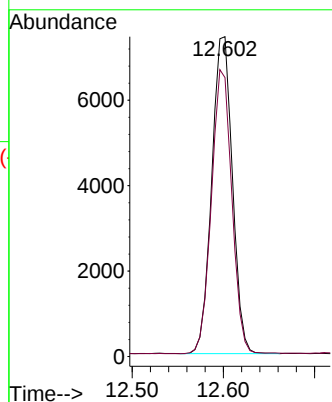
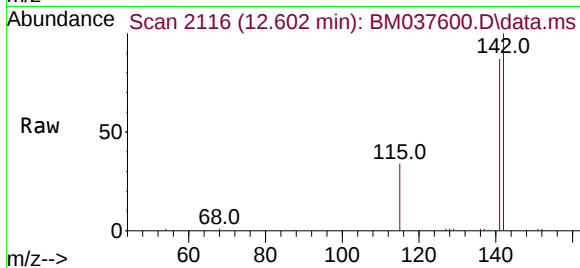




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

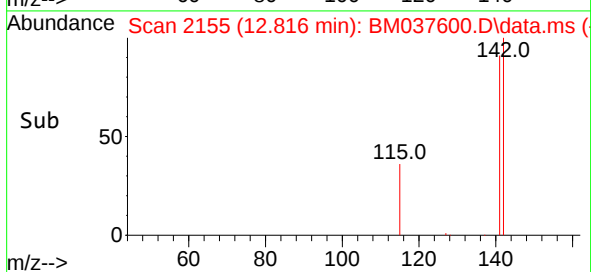
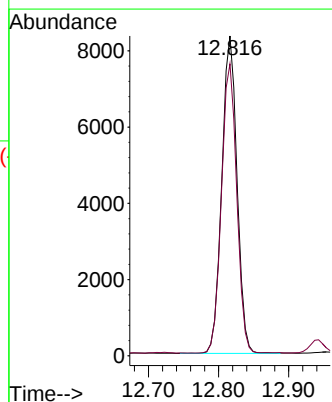
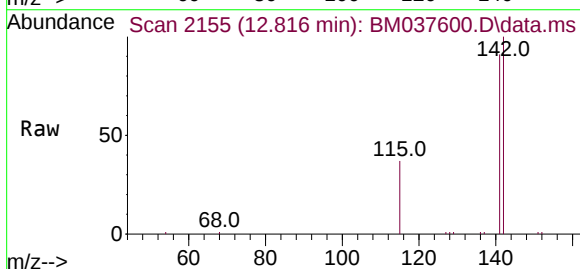
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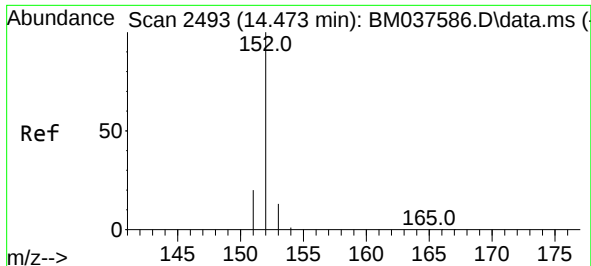
Tgt Ion:142 Resp: 11691
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.816 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:142 Resp: 12591
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0

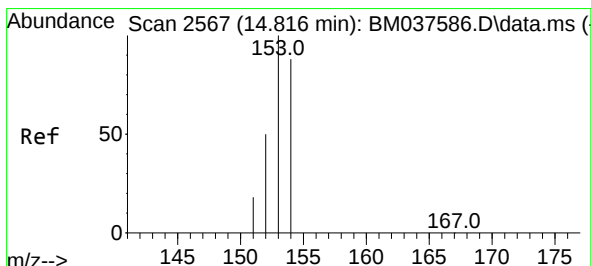
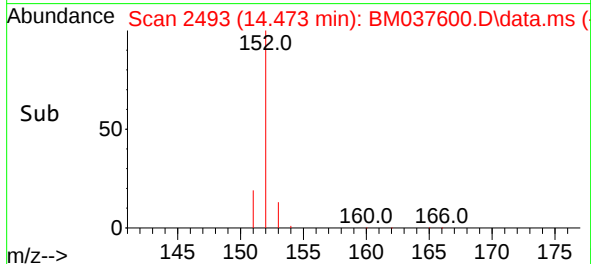
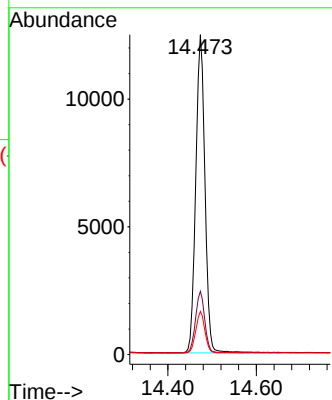
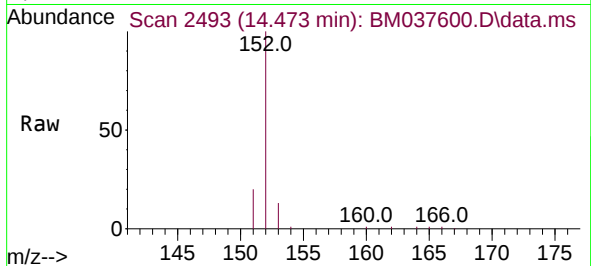




#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 14.473 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

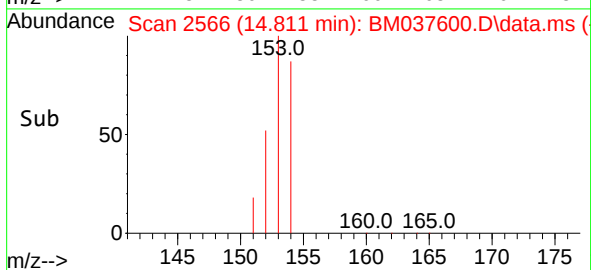
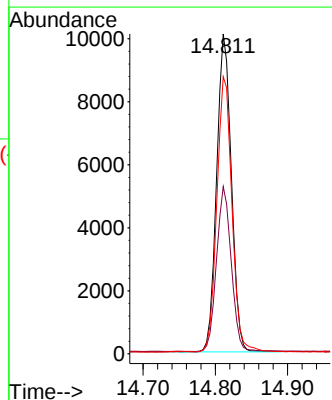
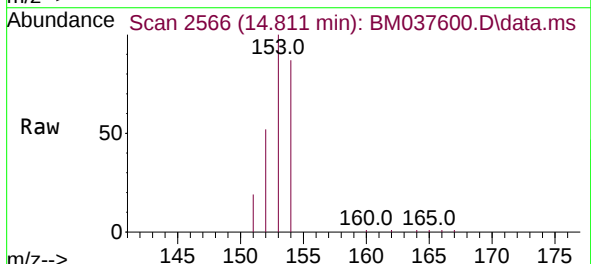
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ClientSampleId :
SLCS170

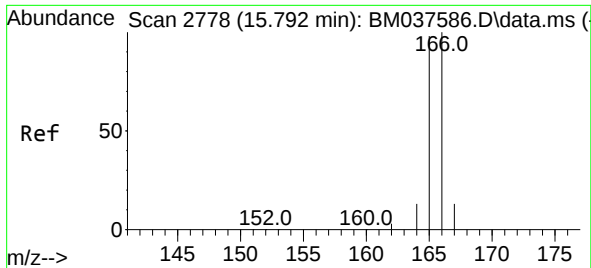
Tgt Ion:152 Resp: 18039
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.5 11.0 16.4



#11
Acenaphthene
Concen: 0.446 ng/ul
RT: 14.811 min Scan# 2566
Delta R.T. -0.005 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:153 Resp: 14250
Ion Ratio Lower Upper
153 100
152 52.3 39.4 59.0
154 86.6 69.5 104.3

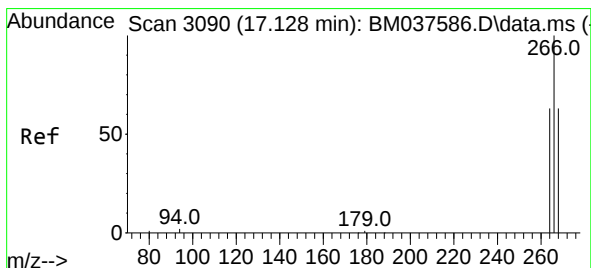
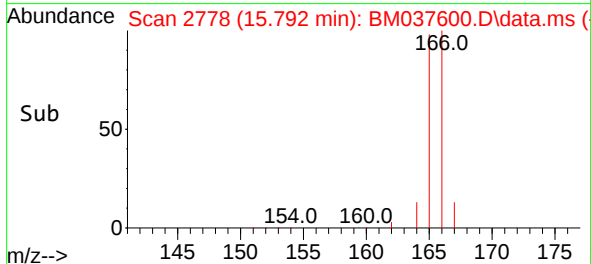
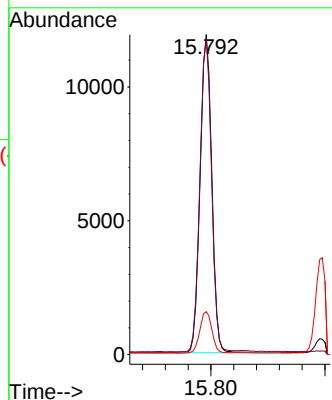
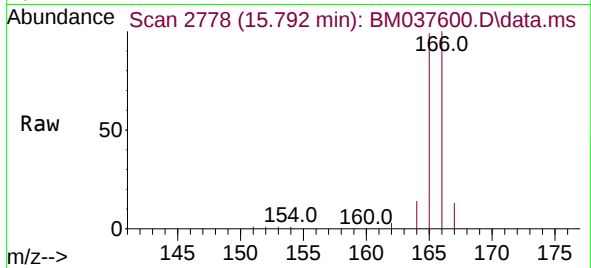




#12
 Fluorene
 Concen: 0.439 ng/ul
 RT: 15.792 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM037600.D
 Acq: 19 Nov 2022 13:56

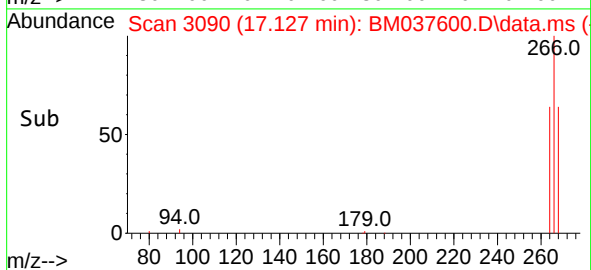
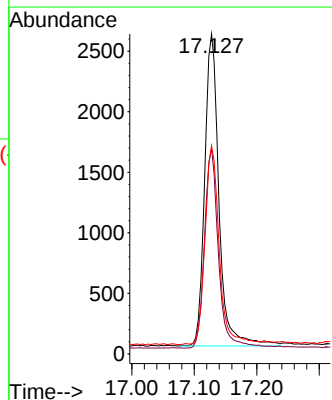
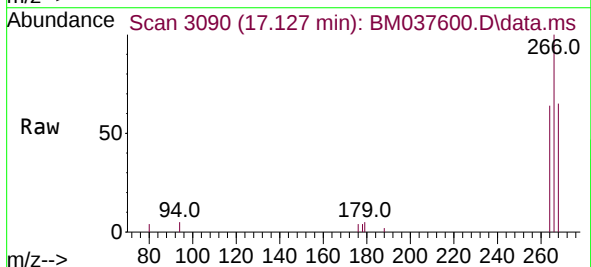
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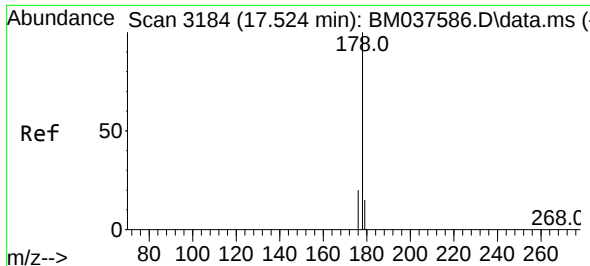
Tgt Ion:166 Resp: 16887
 Ion Ratio Lower Upper
 166 100
 165 98.5 78.7 118.1
 167 13.4 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.976 ng/ul
 RT: 17.127 min Scan# 3090
 Delta R.T. -0.004 min
 Lab File: BM037600.D
 Acq: 19 Nov 2022 13:56

Tgt Ion:266 Resp: 4107
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.2 75.2
 268 64.4 52.0 78.0

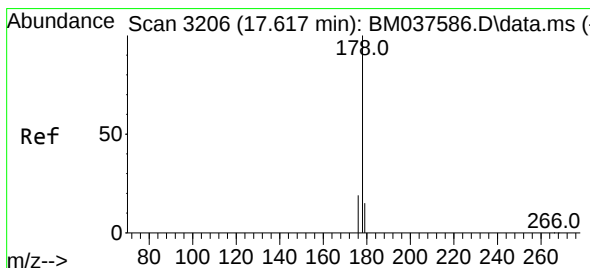
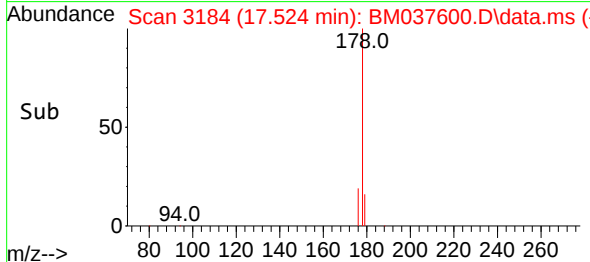
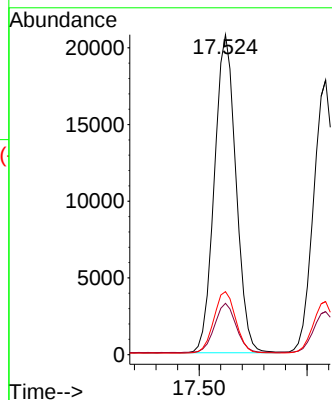
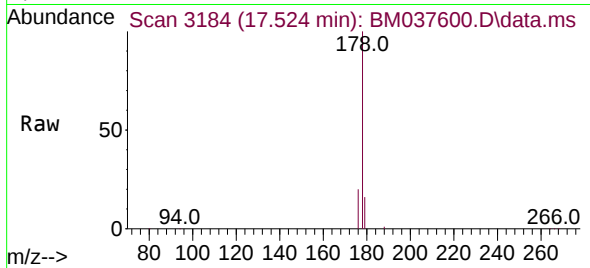




#15
Phenanthrene
Concen: 0.448 ng/ul
RT: 17.524 min Scan# 3184
Delta R.T. -0.004 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

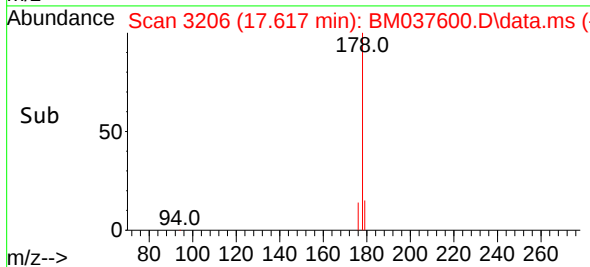
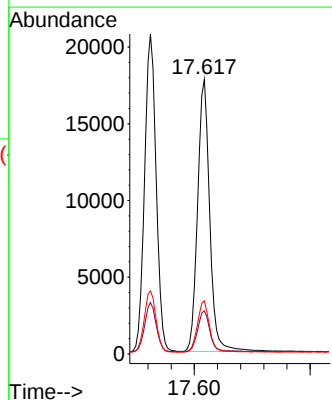
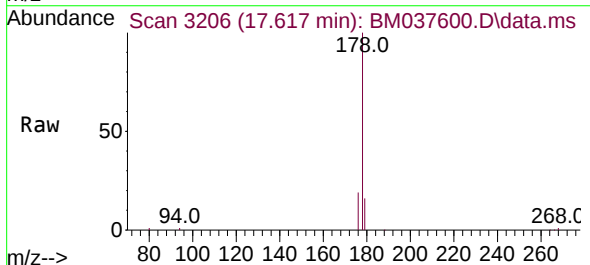
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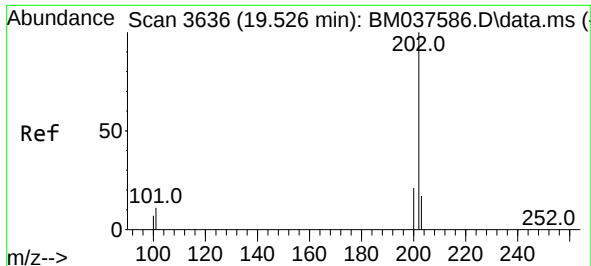
Tgt Ion:178	Resp:	28766
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.6 18.8
176	19.7	16.0 24.0



#16
Anthracene
Concen: 0.416 ng/ul
RT: 17.617 min Scan# 3206
Delta R.T. -0.000 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:178	Resp:	25739
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.8 19.2
176	19.3	15.0 22.6

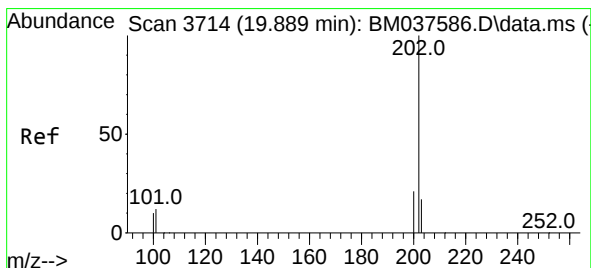
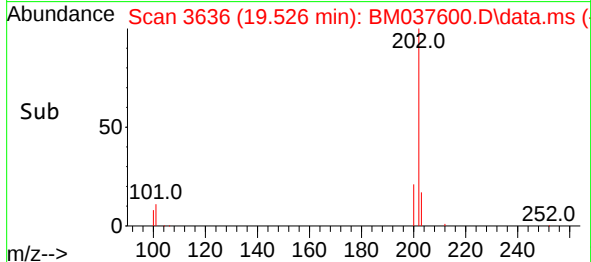
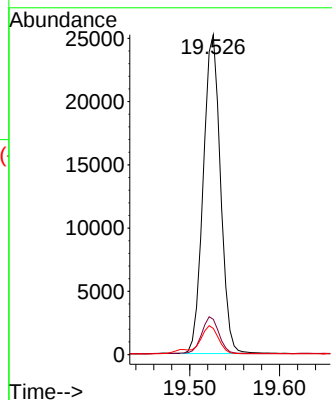
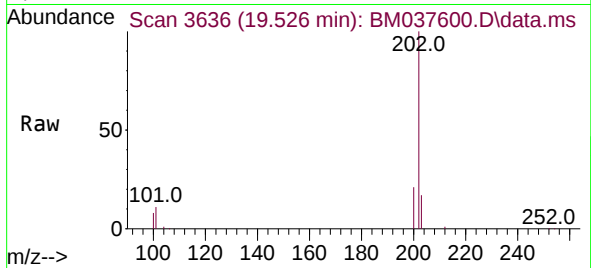




#19
Fluoranthene
Concen: 0.496 ng/ul
RT: 19.526 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

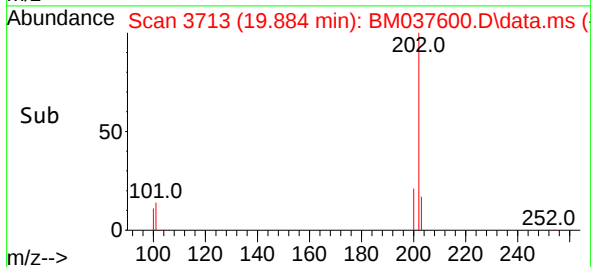
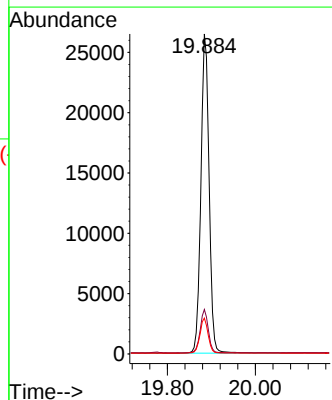
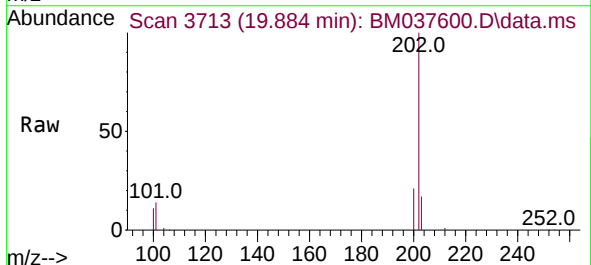
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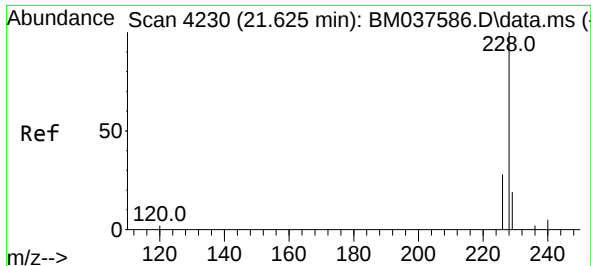
Tgt Ion:202 Resp: 33468
Ion Ratio Lower Upper
202 100
101 11.0 8.2 12.2
100 8.2 6.1 9.1



#20
Pyrene
Concen: 0.486 ng/ul
RT: 19.884 min Scan# 3713
Delta R.T. -0.005 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:202 Resp: 34093
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 11.2 8.0 12.0

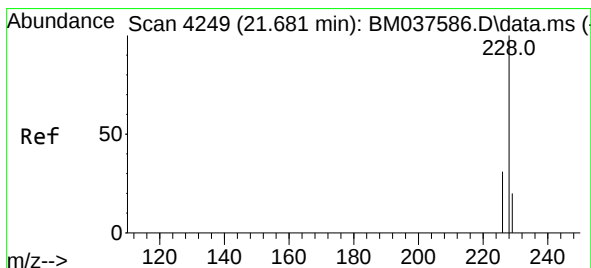
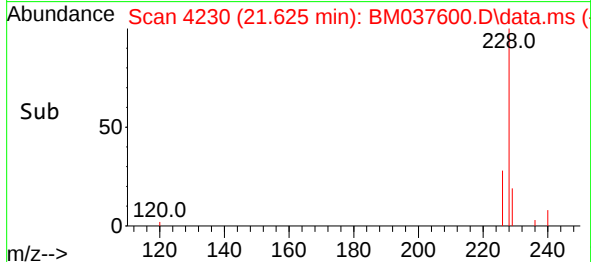
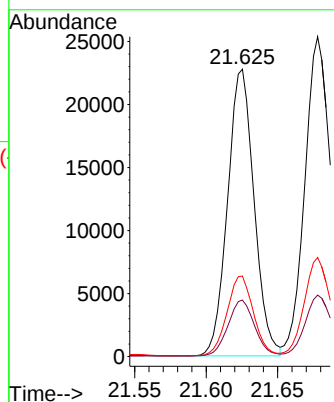
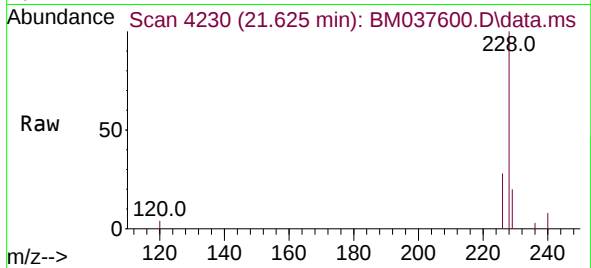




#21
Benzo(a)anthracene
Concen: 0.469 ng/ul
RT: 21.625 min Scan# 4230
Delta R.T. -0.006 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

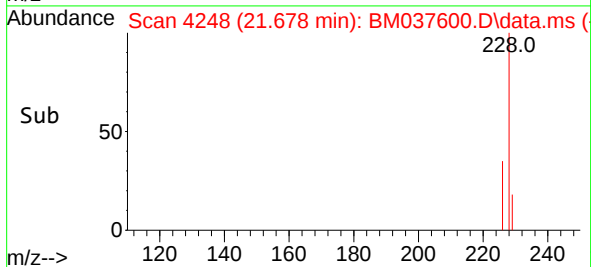
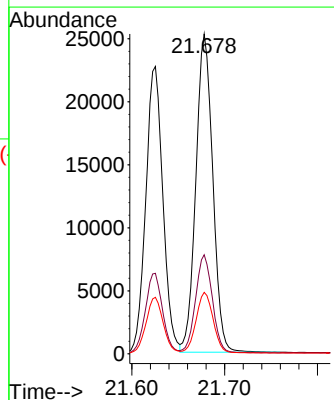
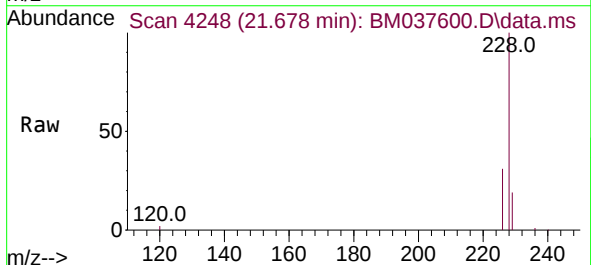
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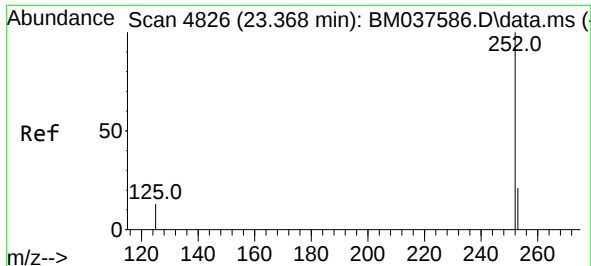
Tgt Ion:228 Resp: 29300
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 28.0 22.2 33.2



#22
Chrysene
Concen: 0.514 ng/ul
RT: 21.678 min Scan# 4248
Delta R.T. -0.006 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:228 Resp: 31923
Ion Ratio Lower Upper
228 100
226 31.0 24.6 37.0
229 19.2 15.5 23.3

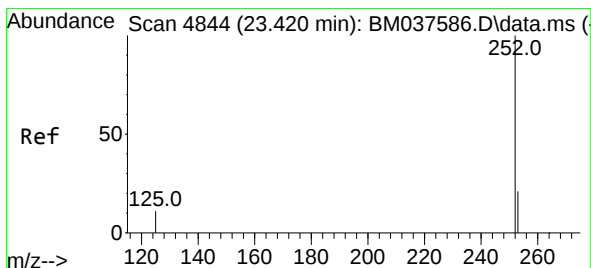
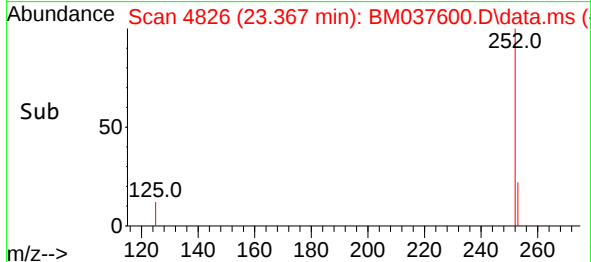
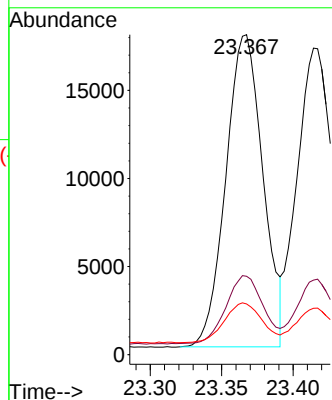
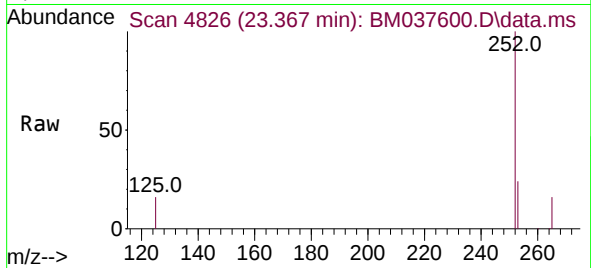




#24
Benzo(b)fluoranthene
Concen: 0.569 ng/ul
RT: 23.367 min Scan# 4826
Delta R.T. -0.006 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

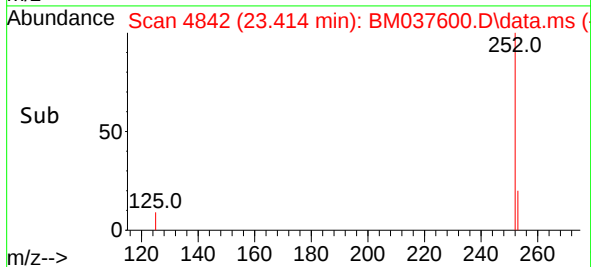
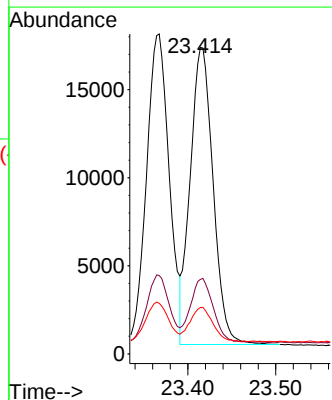
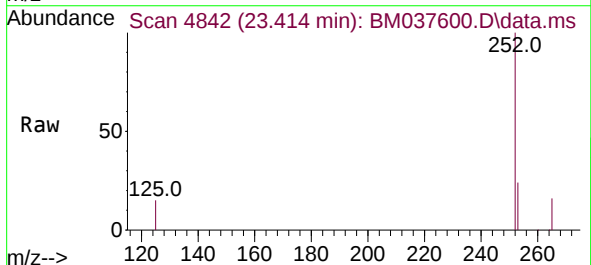
Instrument :
BNA_M
ClientSampleId :
SLCS170

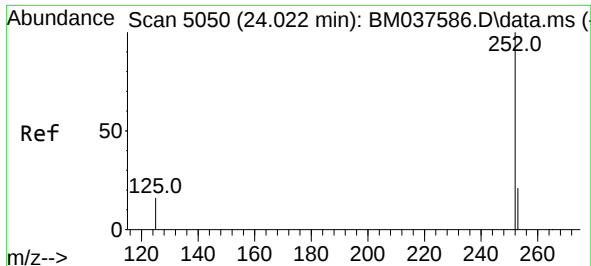
Tgt Ion:252 Resp: 31990
Ion Ratio Lower Upper
252 100
253 24.5 0.0 46.2
125 15.8 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.539 ng/ul
RT: 23.414 min Scan# 4842
Delta R.T. -0.012 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:252 Resp: 30547
Ion Ratio Lower Upper
252 100
253 24.3 18.8 28.2
125 15.1 9.8 14.6#

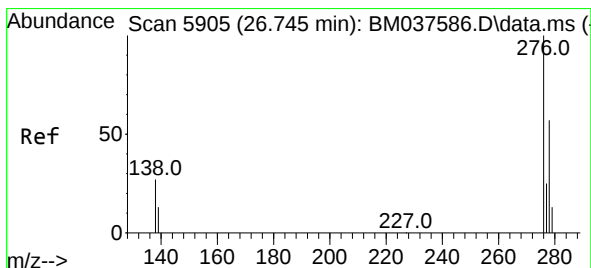
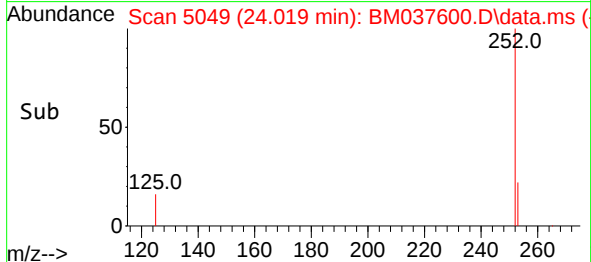
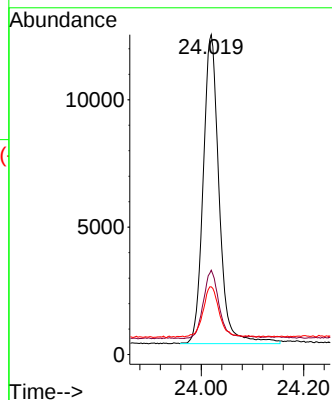
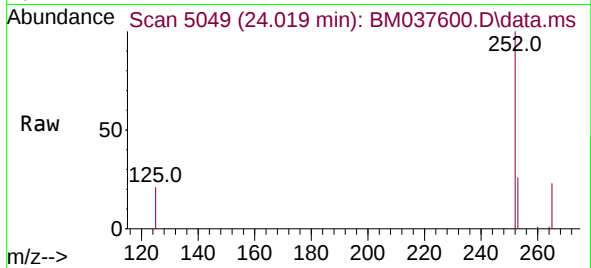




#26
Benzo(a)pyrene
Concen: 0.535 ng/ul
RT: 24.019 min Scan# 5050
Delta R.T. -0.009 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

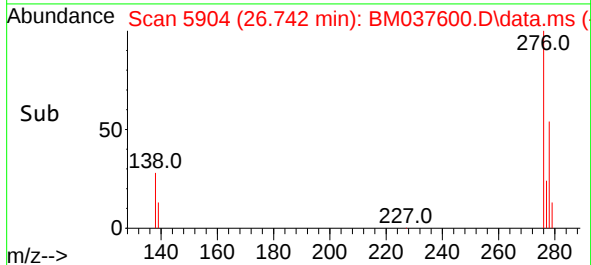
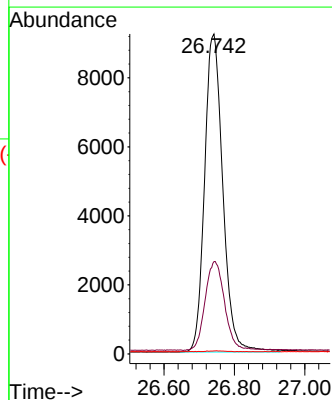
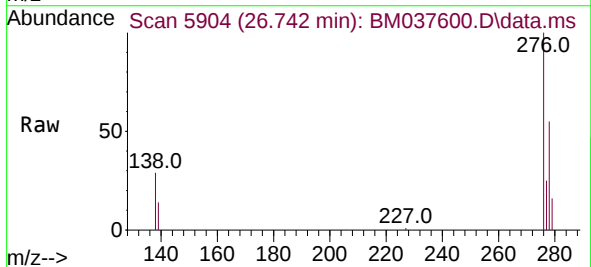
Instrument :
BNA_M
ClientSampleId :
SLCS170

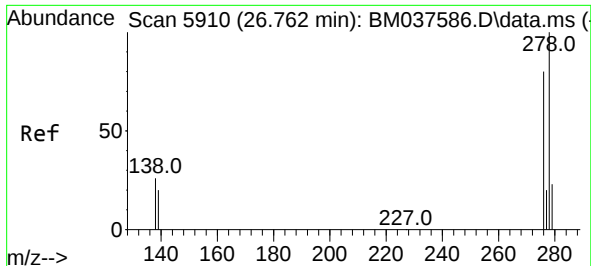
Tgt Ion:252 Resp: 26140
Ion Ratio Lower Upper
252 100
253 26.4 18.8 28.2
125 21.2 10.5 15.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.513 ng/ul
RT: 26.742 min Scan# 5904
Delta R.T. -0.013 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

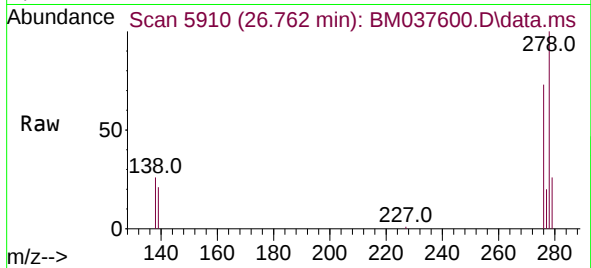
Tgt Ion:276 Resp: 33189
Ion Ratio Lower Upper
276 100
138 30.1 21.2 31.8
227 0.2 0.1 0.1#



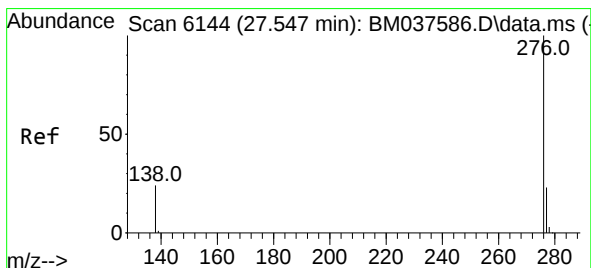
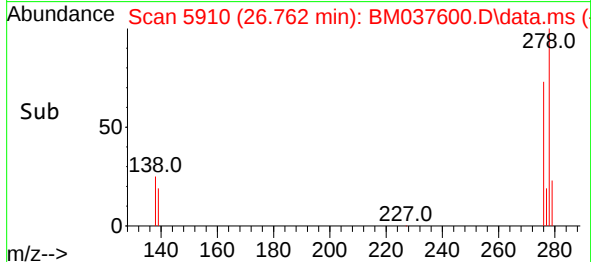
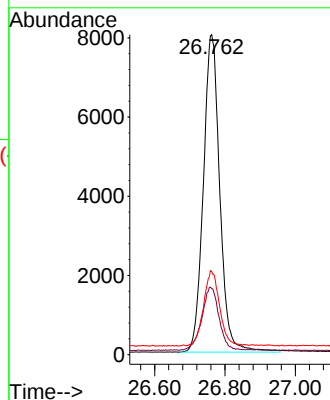


#28
Dibenzo(a,h)anthracene
Concen: 0.513 ng/ul
RT: 26.762 min Scan# 5910
Delta R.T. -0.017 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Instrument :
BNA_M
ClientSampleId :
SLCS170



Tgt Ion:278 Resp: 26094
Ion Ratio Lower Upper
278 100
139 20.7 15.2 22.8
279 26.0 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.493 ng/ul
RT: 27.544 min Scan# 6143
Delta R.T. -0.017 min
Lab File: BM037600.D
Acq: 19 Nov 2022 13:56

Tgt Ion:276 Resp: 27071
Ion Ratio Lower Upper
276 100
138 26.0 19.0 28.4
277 23.7 19.4 29.2

