

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037027.D
 Acq On : 13 Oct 2022 21:45
 Operator : CG/JU
 Sample : PB148252BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS252

Quant Time: Oct 13 23:37:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

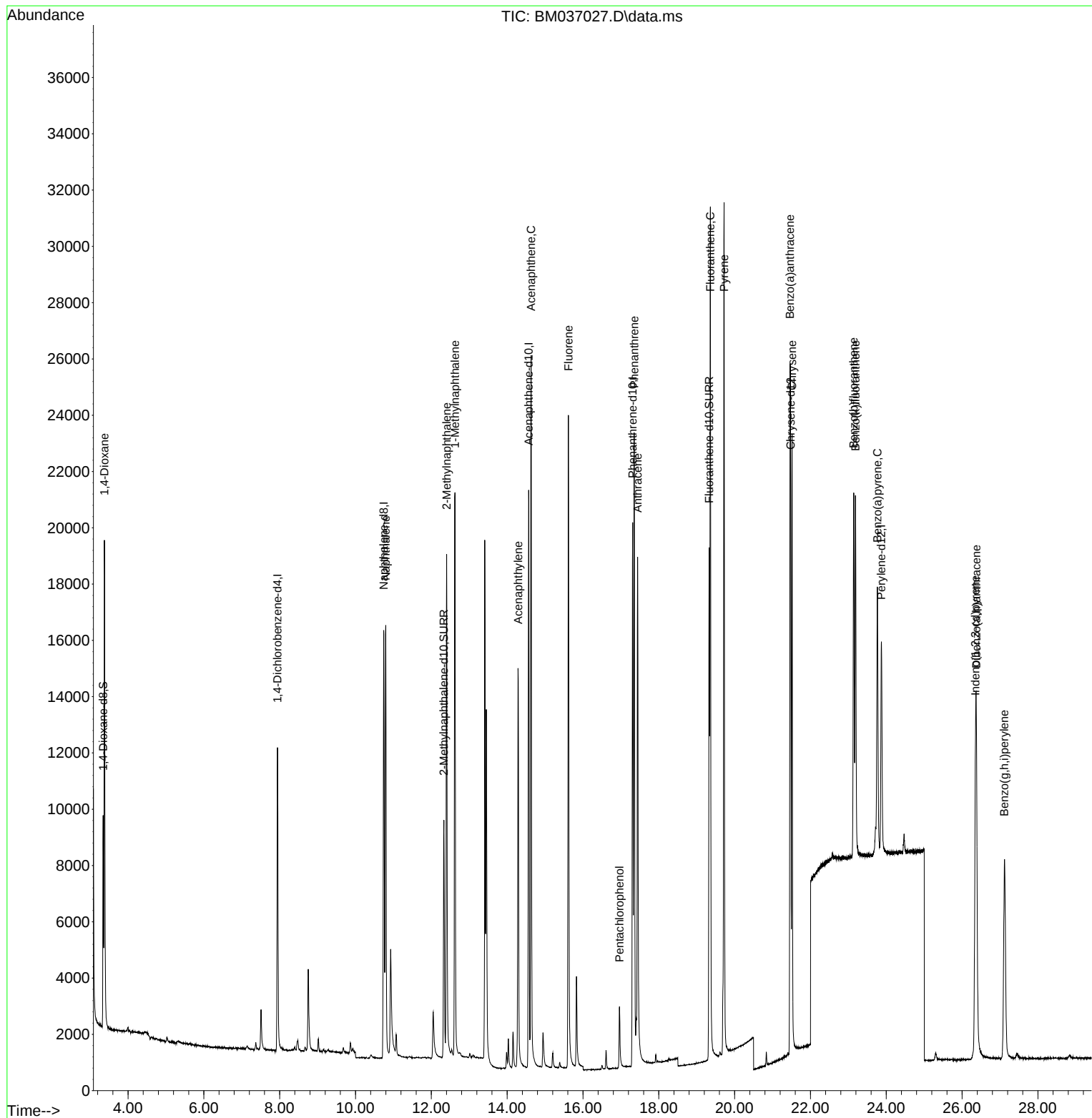
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	6062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	22382	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.567	164	12269	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	23824	0.400	ng/ul	0.00
17) Chrysene-d12	21.478	240	14406	0.400	ng/ul	0.00
23) Perylene-d12	23.869	264	11065	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	4967	0.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	12333	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	21132	0.490	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.377	88	11784	1.410	ng/ul#	77
5) Naphthalene	10.798	128	21813	0.341	ng/ul	97
7) 2-Methylnaphthalene	12.404	142	13767	0.352	ng/ul	91
8) 1-Methylnaphthalene	12.624	142	14625	0.368	ng/ul	99
10) Acenaphthylene	14.289	152	18058	0.354	ng/ul	99
11) Acenaphthene	14.631	153	15221	0.344	ng/ul	99
12) Fluorene	15.617	166	16677	0.333	ng/ul	99
14) Pentachlorophenol	16.964	266	1896	0.329	ng/ul	98
15) Phenanthrene	17.352	178	26117	0.343	ng/ul	99
16) Anthracene	17.441	178	22563	0.355	ng/ul	99
19) Fluoranthene	19.360	202	26608	0.464	ng/ul	99
20) Pyrene	19.722	202	26926	0.451	ng/ul	97
21) Benzo(a)anthracene	21.464	228	18978	0.365	ng/ul	99
22) Chrysene	21.516	228	19687	0.352	ng/ul	98
24) Benzo(b)fluoranthene	23.141	252	17462	0.353	ng/ul	95
25) Benzo(k)fluoranthene	23.188	252	17137	0.356	ng/ul	96
26) Benzo(a)pyrene	23.767	252	14883	0.371	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.352	276	19351	0.341	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.375	278	15272	0.333	ng/ul	94
29) Benzo(g,h,i)perylene	27.117	276	16677	0.333	ng/ul	99

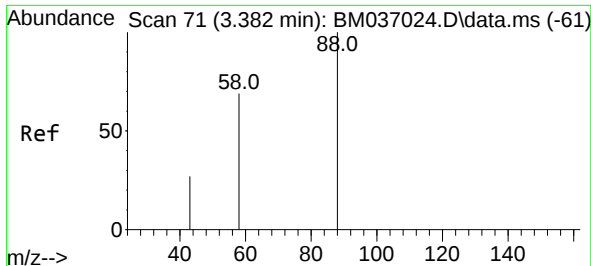
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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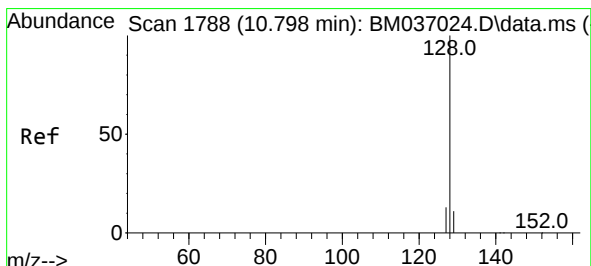
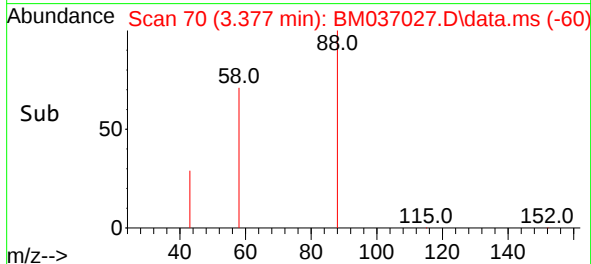
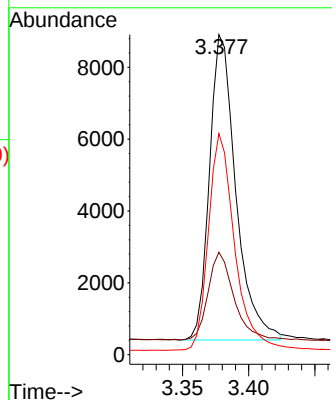
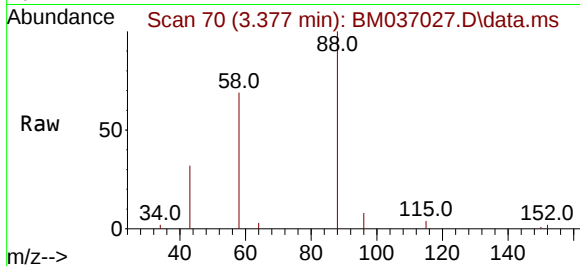




#2
 1,4-Dioxane
 Concen: 1.410 ng/ul
 RT: 3.377 min Scan# 71
 Delta R.T. -0.008 min
 Lab File: BM037027.D
 Acq: 13 Oct 2022 21:45

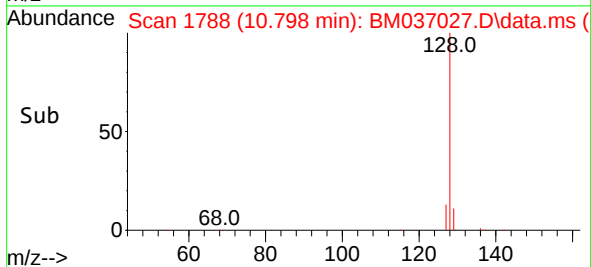
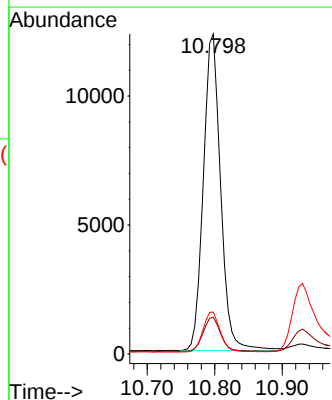
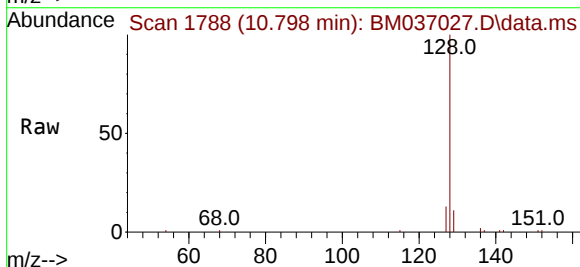
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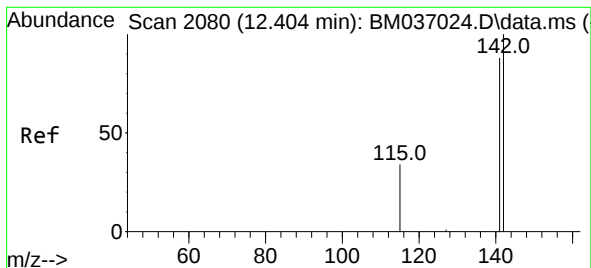
Tgt Ion: 88 Resp: 11784
 Ion Ratio Lower Upper
 88 100
 43 32.0 37.8 56.6#
 58 69.1 42.6 63.8#



#5
 Naphthalene
 Concen: 0.341 ng/ul
 RT: 10.798 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: BM037027.D
 Acq: 13 Oct 2022 21:45

Tgt Ion: 128 Resp: 21813
 Ion Ratio Lower Upper
 128 100
 129 11.5 10.2 15.2
 127 13.1 11.7 17.5

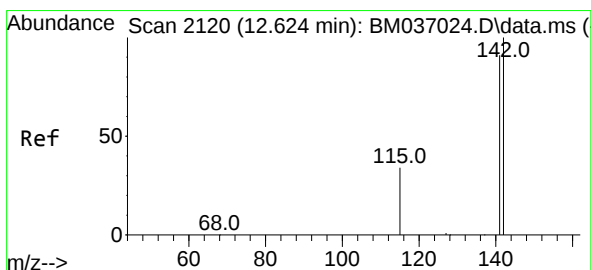
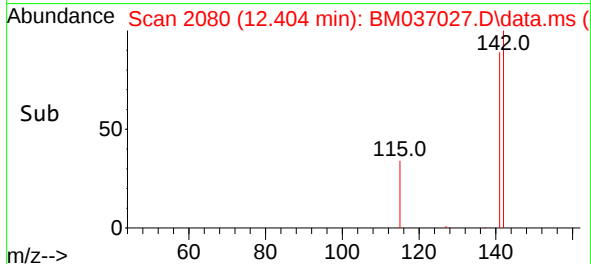
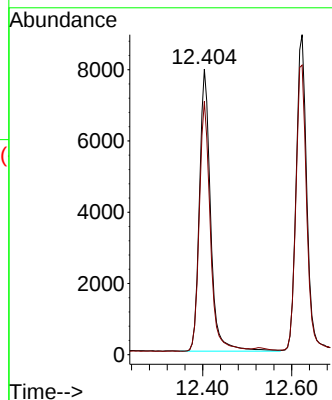
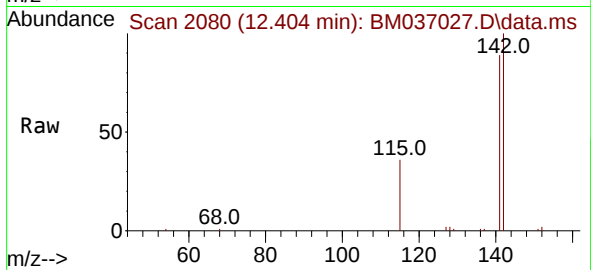




#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

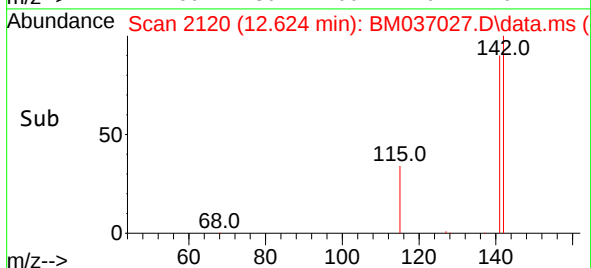
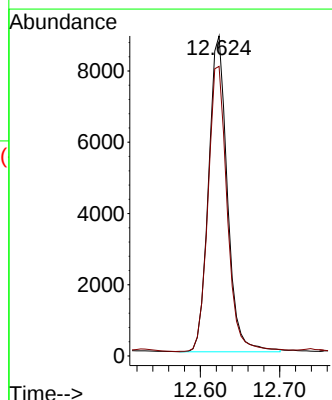
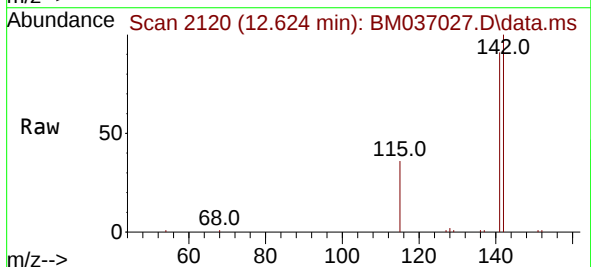
Instrument :
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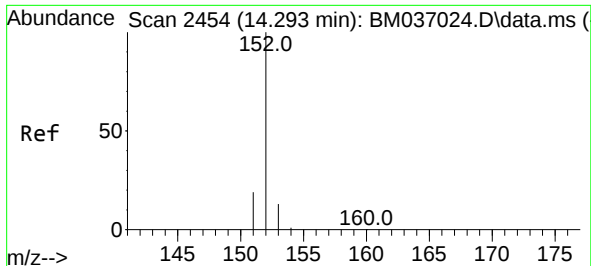
Tgt Ion:142 Resp: 13767
Ion Ratio Lower Upper
142 100
141 88.2 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

Tgt Ion:142 Resp: 14625
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

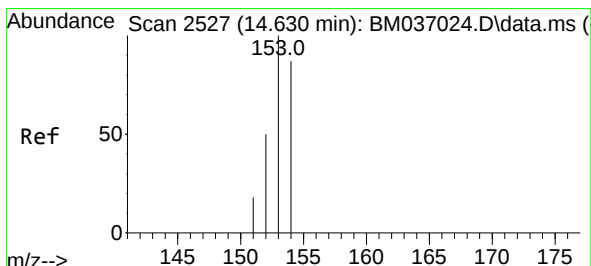
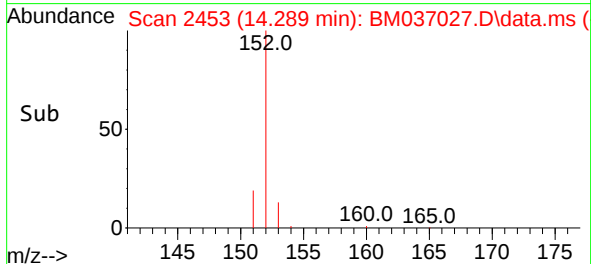
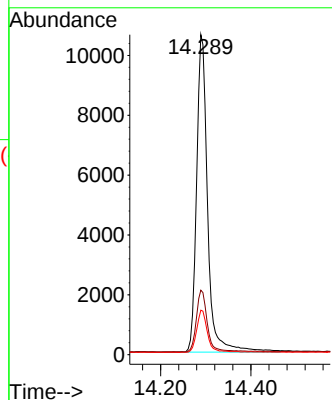
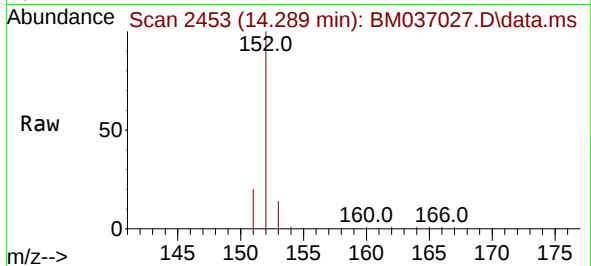




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.289 min Scan# 2454
Delta R.T. -0.008 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

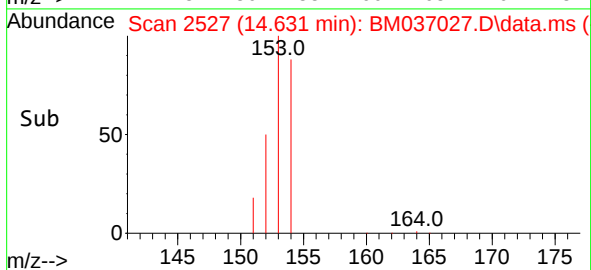
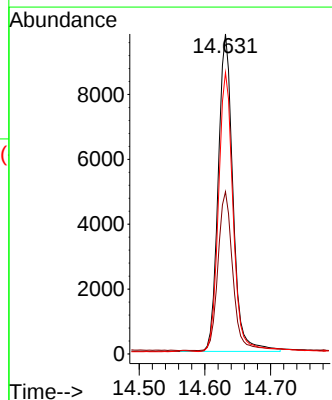
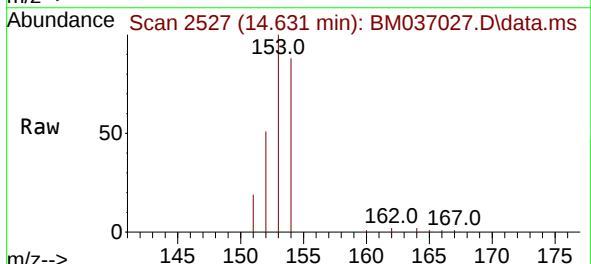
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BNA_M
ClientSampleId :
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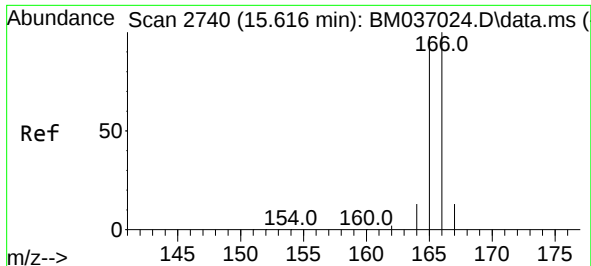
Tgt Ion:152 Resp: 18058
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.9 11.4 17.0



#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.008 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

Tgt Ion:153 Resp: 15221
Ion Ratio Lower Upper
153 100
152 50.7 40.2 60.4
154 87.9 69.7 104.5

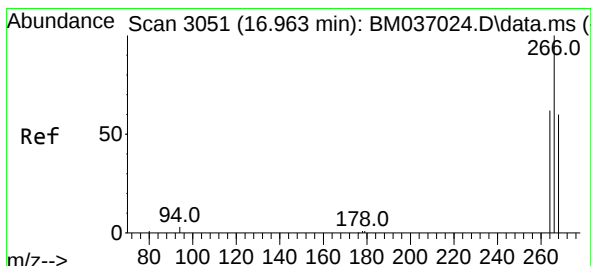
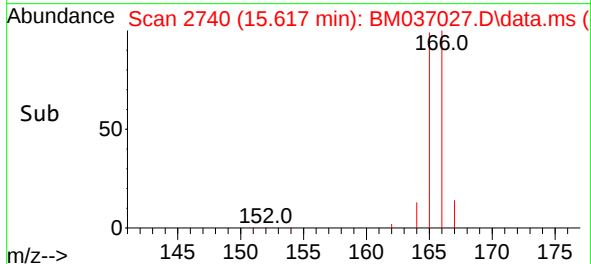
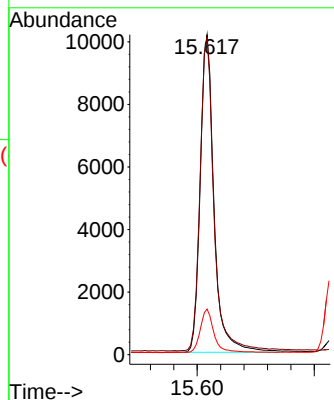
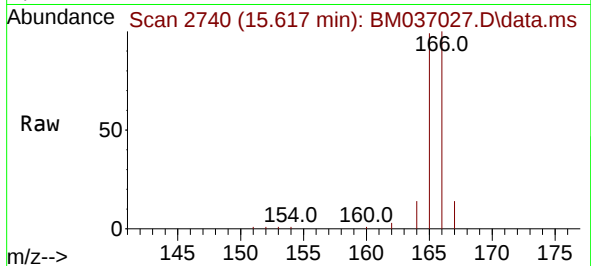




#12
 Fluorene
 Concen: 0.333 ng/ul
 RT: 15.617 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BM037027.D
 Acq: 13 Oct 2022 21:45

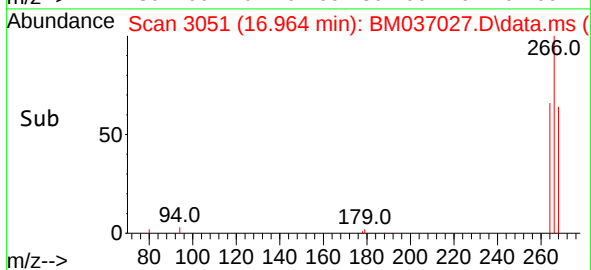
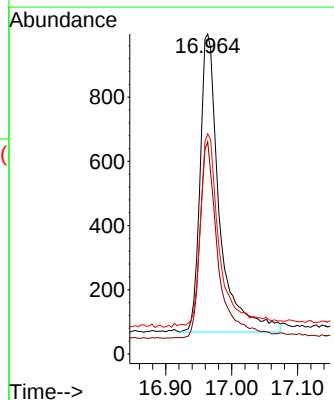
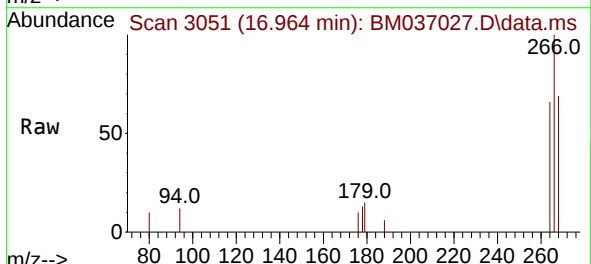
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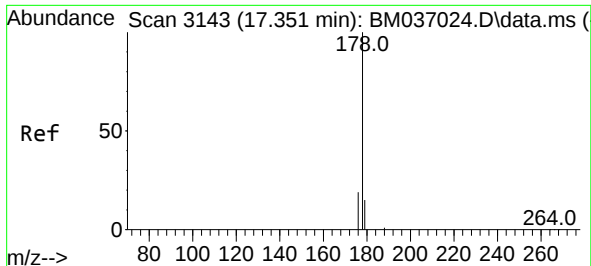
Tgt Ion:166	Resp:	16677
Ion Ratio	Lower	Upper
166	100	
165	99.1	78.9 118.3
167	14.3	11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.329 ng/ul
 RT: 16.964 min Scan# 3051
 Delta R.T. -0.003 min
 Lab File: BM037027.D
 Acq: 13 Oct 2022 21:45

Tgt Ion:266	Resp:	1896
Ion Ratio	Lower	Upper
266	100	
264	62.4	50.3 75.5
268	65.0	53.5 80.3

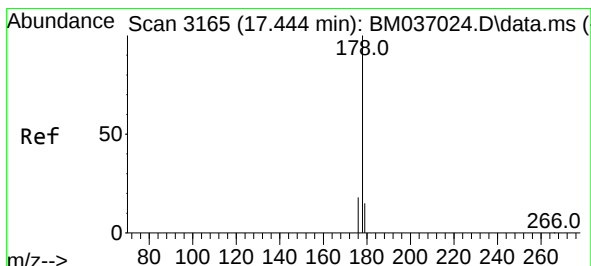
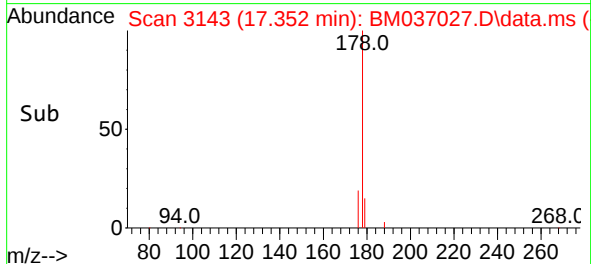
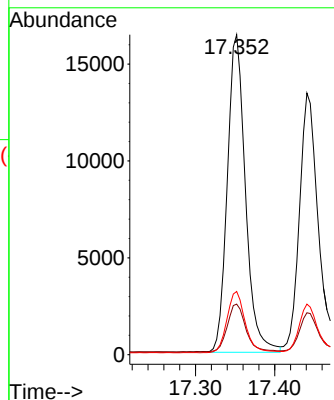
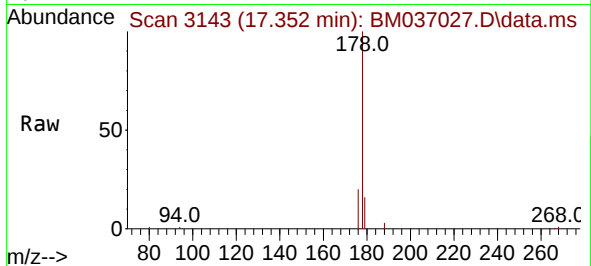




#15
Phenanthrene
Concen: 0.343 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

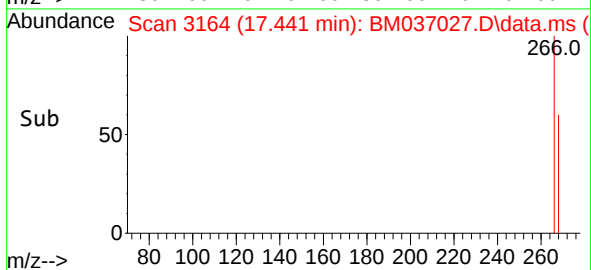
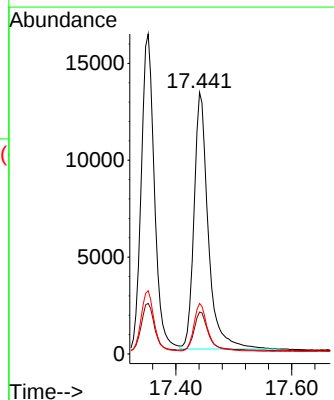
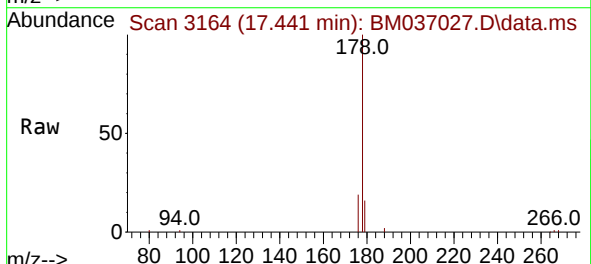
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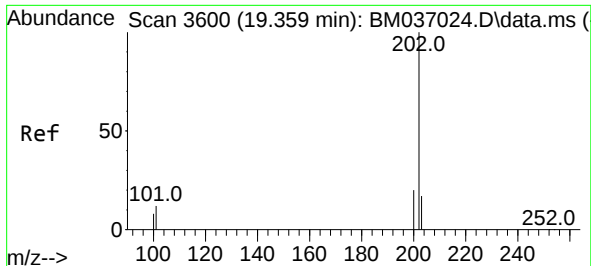
Tgt Ion:178	Resp:	26117
Ion Ratio	Lower	Upper
178	100	
179	15.8	13.0 19.6
176	19.7	15.6 23.4



#16
Anthracene
Concen: 0.355 ng/ul
RT: 17.441 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

Tgt Ion:178	Resp:	22563
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.6 20.4
176	19.3	15.6 23.4

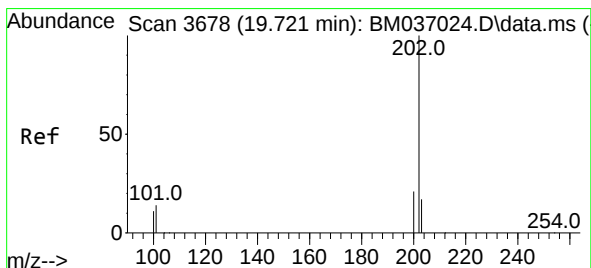
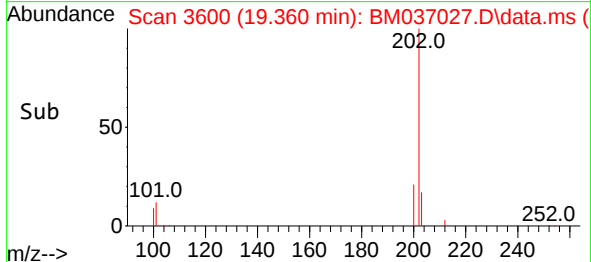
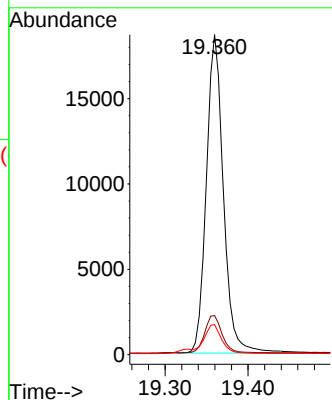
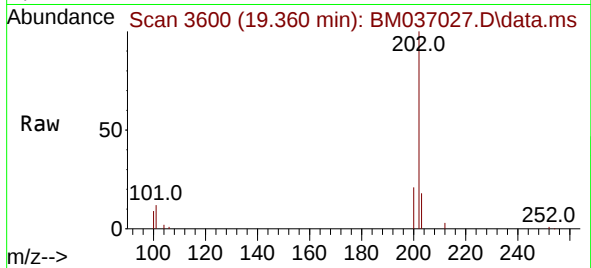




#19
Fluoranthene
Concen: 0.464 ng/ul
RT: 19.360 min Scan# 3600
Delta R.T. -0.004 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

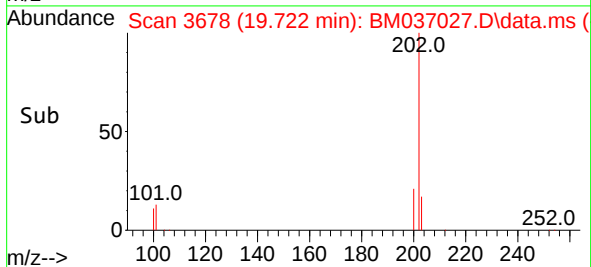
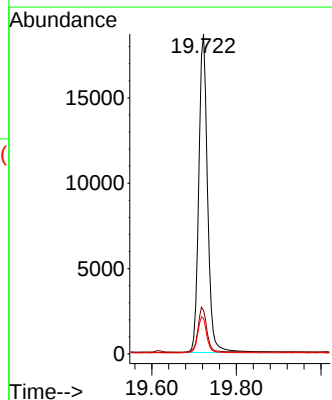
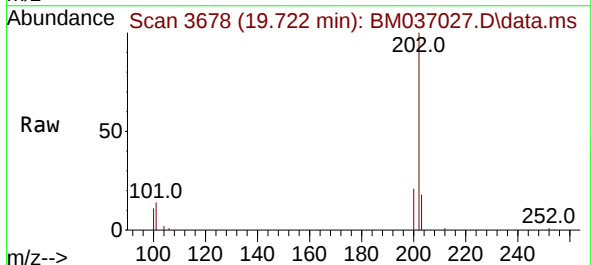
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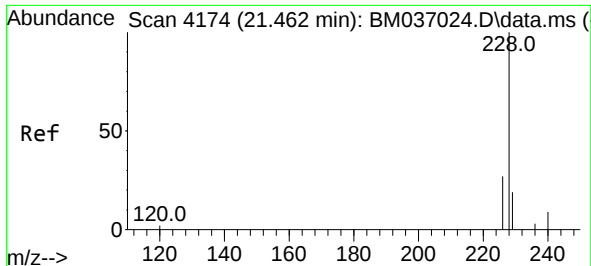
Tgt Ion:202 Resp: 26608
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.4 7.9 11.9



#20
Pyrene
Concen: 0.451 ng/ul
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

Tgt Ion:202 Resp: 26926
Ion Ratio Lower Upper
202 100
101 13.6 12.0 18.0
100 11.1 9.8 14.6

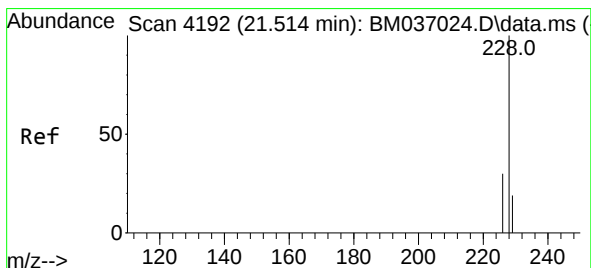
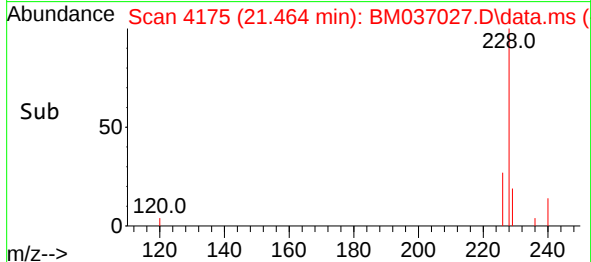
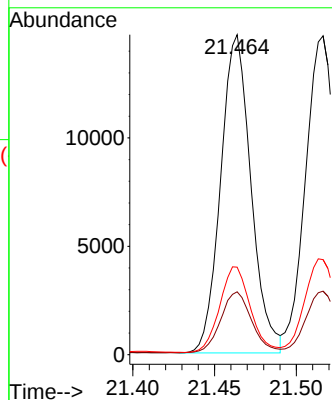
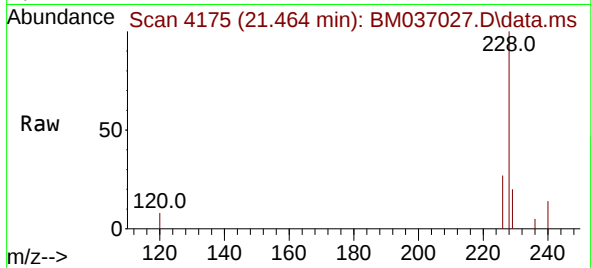




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.464 min Scan# 4174
Delta R.T. -0.004 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

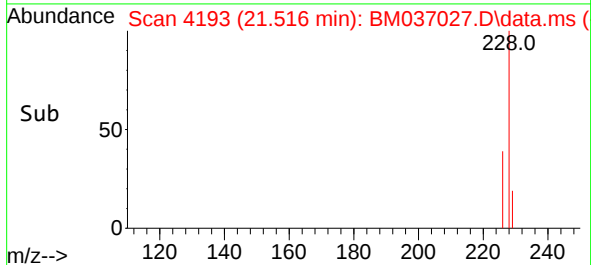
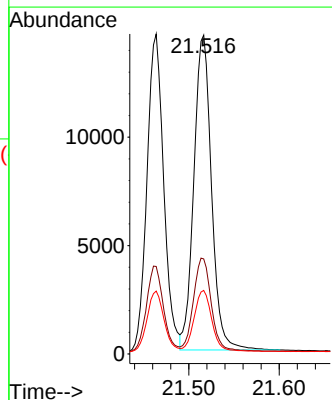
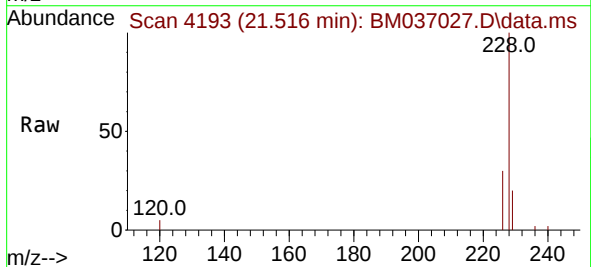
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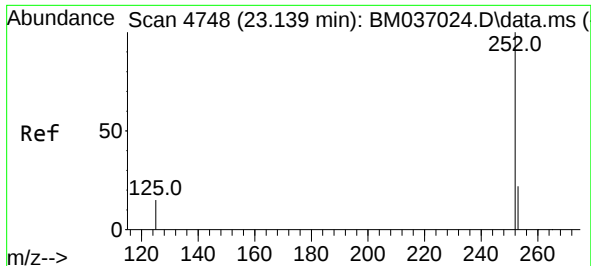
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Ion Ratio Lower Upper
228 100
229 19.6 16.2 24.2
226 27.4 22.5 33.7



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.516 min Scan# 4193
Delta R.T. -0.004 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

Tgt Ion:228 Resp: 19687
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 19.9 16.4 24.6

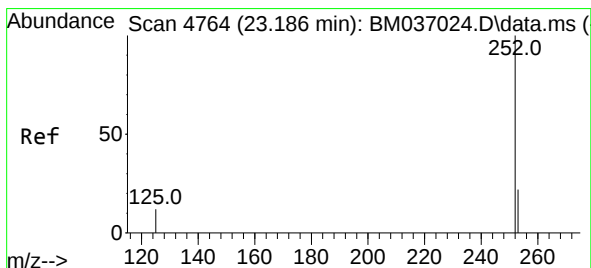
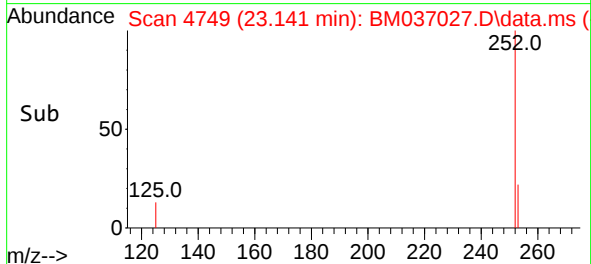
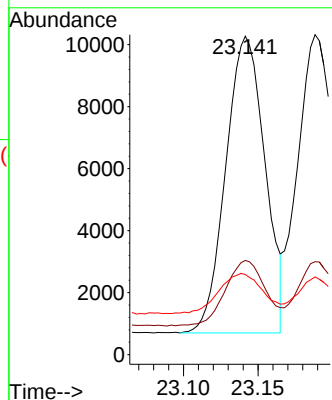
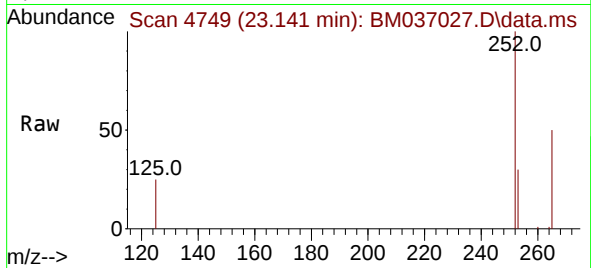




#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 23.141 min Scan# 4748
Delta R.T. -0.004 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

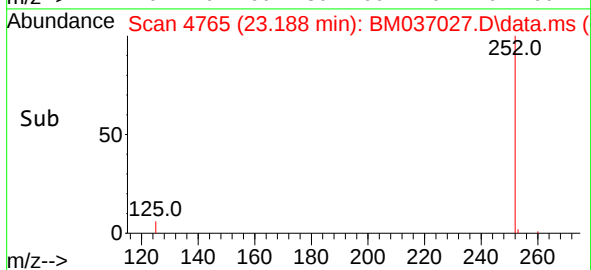
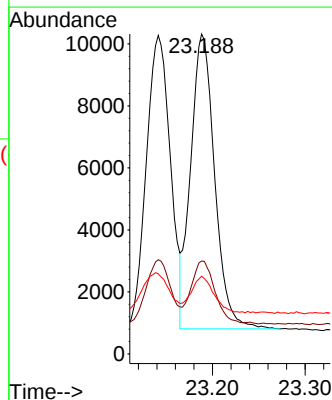
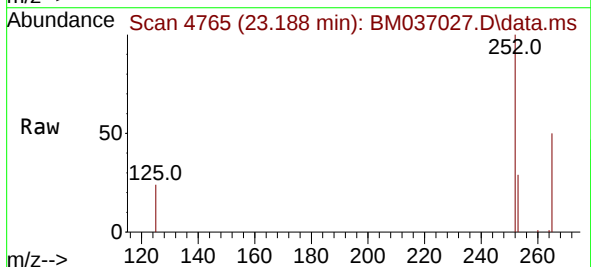
Instrument :
BNA_M
ClientSampleId :
SLCS252

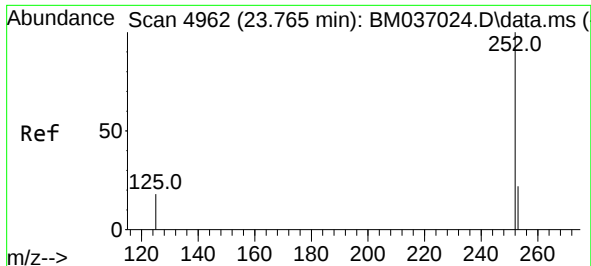
Tgt Ion:252 Resp: 17462
Ion Ratio Lower Upper
252 100
253 29.6 0.0 61.4
125 25.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 23.188 min Scan# 4765
Delta R.T. -0.007 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

Tgt Ion:252 Resp: 17137
Ion Ratio Lower Upper
252 100
253 29.1 25.2 37.8
125 24.3 18.3 27.5

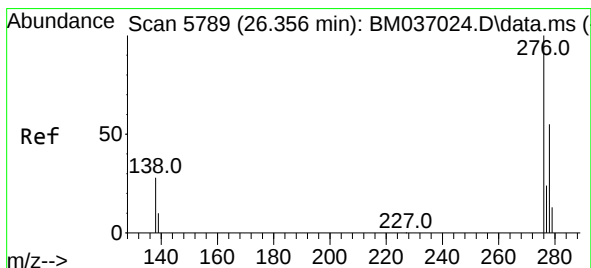
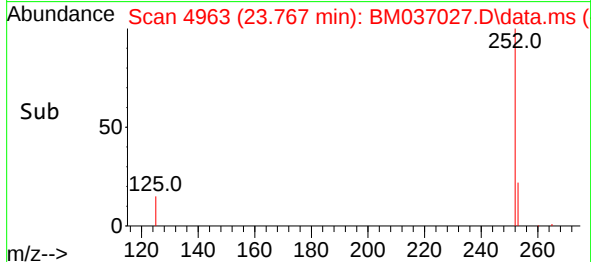
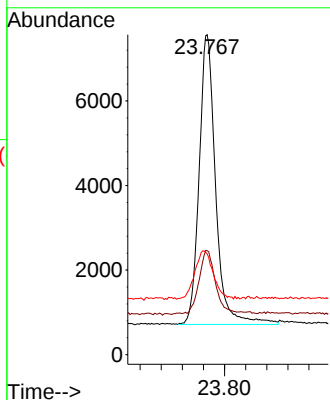
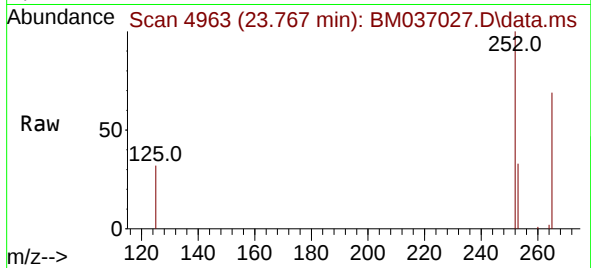




#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.767 min Scan# 4963
Delta R.T. -0.004 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

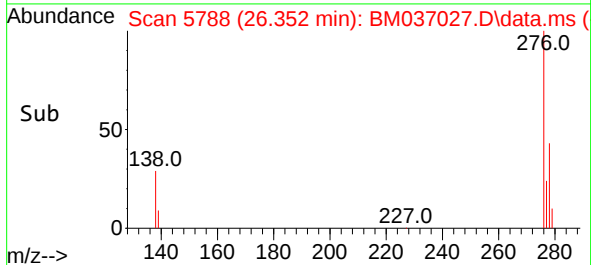
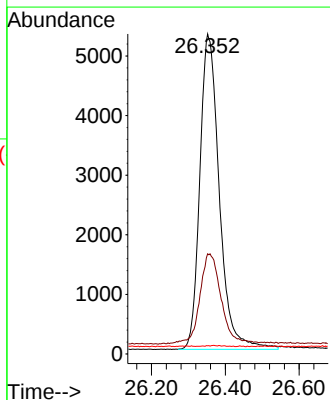
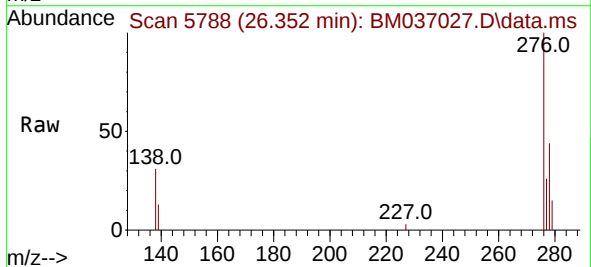
Instrument :
BNA_M
ClientSampleId :
SLCS252

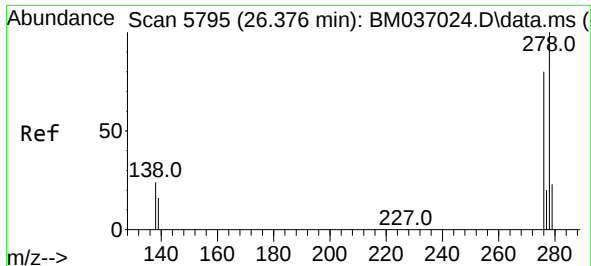
Tgt Ion:	252	Resp:	14883
Ion Ratio	Lower	Upper	
252	100		
253	32.5	29.7	44.5
125	31.5	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.352 min Scan# 5788
Delta R.T. -0.011 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

Tgt Ion:	276	Resp:	19351
Ion Ratio	Lower	Upper	
276	100		
138	31.1	23.9	35.9
227	0.0	0.1	0.1

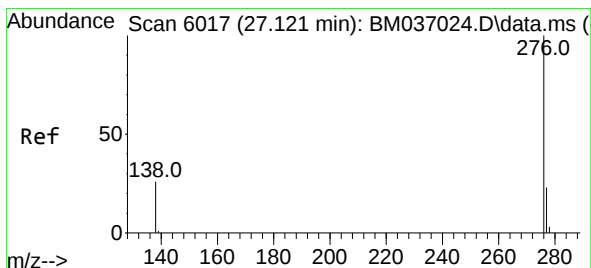
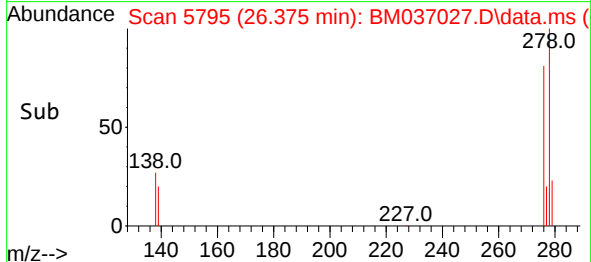
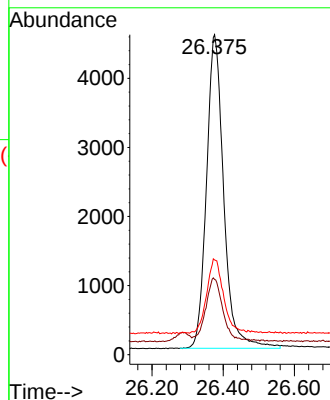
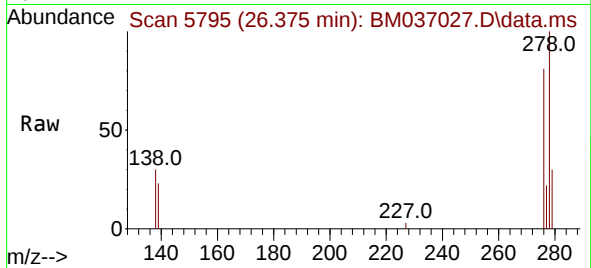




#28
Dibenzo(a,h)anthracene
Concen: 0.333 ng/ul
RT: 26.375 min Scan# 5795
Delta R.T. -0.004 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

Instrument :
BNA_M
ClientSampleId :
SLCS252

Tgt Ion:278 Resp: 15272
Ion Ratio Lower Upper
278 100
139 23.5 19.8 29.6
279 29.6 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 27.117 min Scan# 6016
Delta R.T. -0.011 min
Lab File: BM037027.D
Acq: 13 Oct 2022 21:45

Tgt Ion:276 Resp: 16677
Ion Ratio Lower Upper
276 100
138 28.8 23.4 35.0
277 25.2 21.0 31.4

