

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037008.D
 Acq On : 13 Oct 2022 09:37
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4145

Quant Time: Oct 13 23:32:06 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)

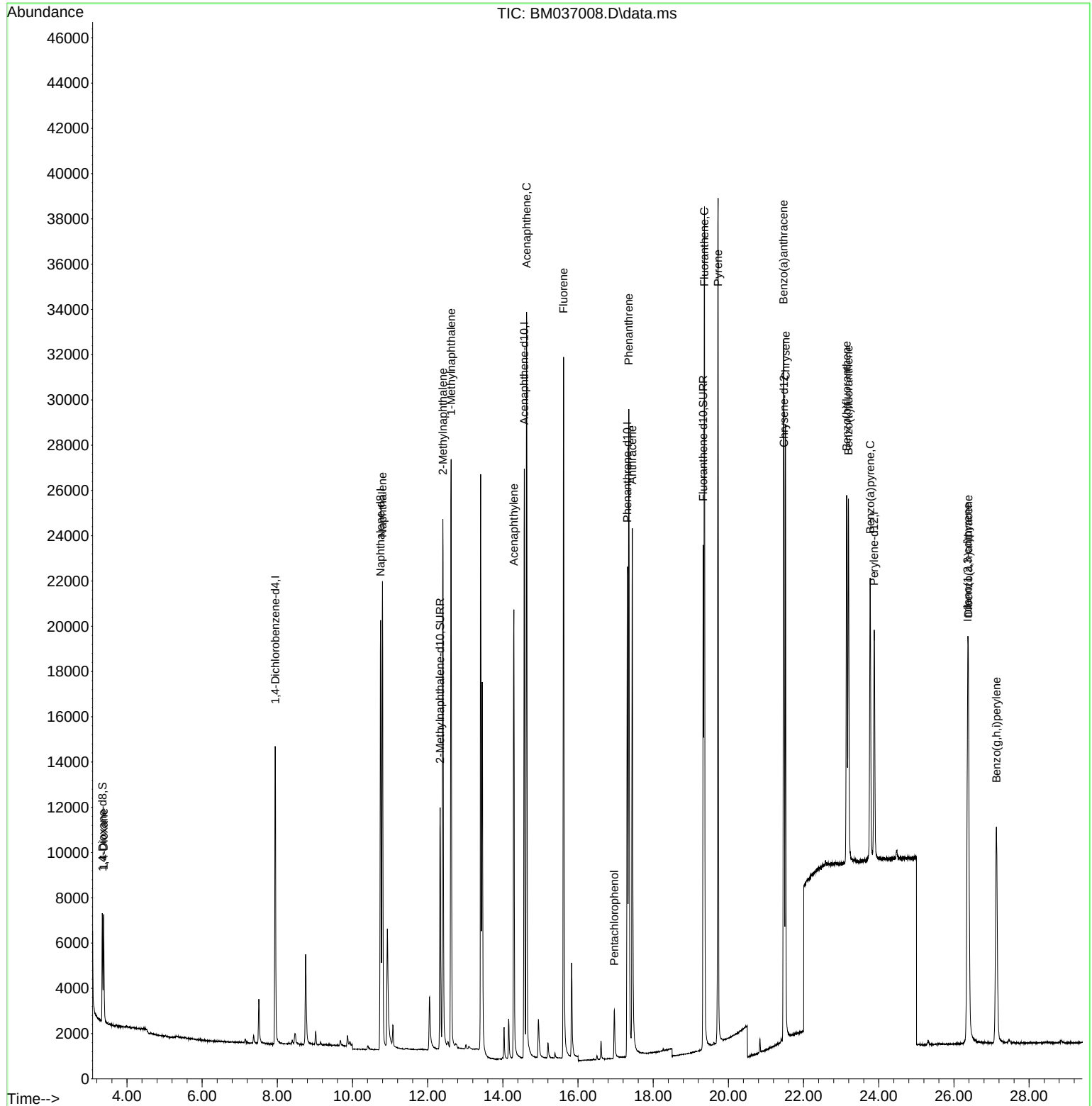
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	7323	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	26891	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	14824	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	28098	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	17039	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	14208	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	3156	0.306	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	15412	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	24805	0.487	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.382	88	3258	0.323	ng/ul	88
5) Naphthalene	10.798	128	28607	0.372	ng/ul	97
7) 2-Methylnaphthalene	12.404	142	18154	0.386	ng/ul	91
8) 1-Methylnaphthalene	12.624	142	18476	0.387	ng/ul	99
10) Acenaphthylene	14.293	152	24450	0.397	ng/ul	98
11) Acenaphthene	14.630	153	19835	0.371	ng/ul	99
12) Fluorene	15.616	166	21664	0.358	ng/ul	100
14) Pentachlorophenol	16.967	266	1850	0.272	ng/ul	99
15) Phenanthrene	17.351	178	32693	0.364	ng/ul	99
16) Anthracene	17.444	178	29006	0.387	ng/ul	98
19) Fluoranthene	19.363	202	32396	0.478	ng/ul	98
20) Pyrene	19.726	202	32516	0.460	ng/ul	96
21) Benzo(a)anthracene	21.468	228	23861	0.388	ng/ul	99
22) Chrysene	21.520	228	23894	0.362	ng/ul	100
24) Benzo(b)fluoranthene	23.145	252	22008	0.347	ng/ul	97
25) Benzo(k)fluoranthene	23.195	252	21447	0.347	ng/ul	97
26) Benzo(a)pyrene	23.771	252	19151	0.372	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.366	276	25002	0.343	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.383	278	19854	0.337	ng/ul	94
29) Benzo(g,h,i)perylene	27.131	276	21375	0.333	ng/ul	99

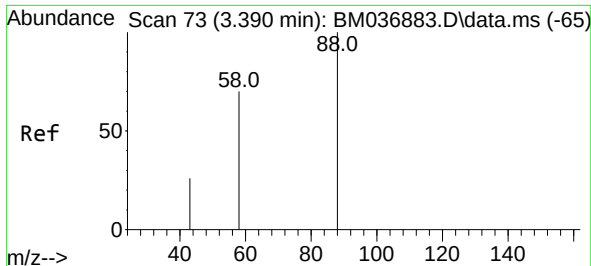
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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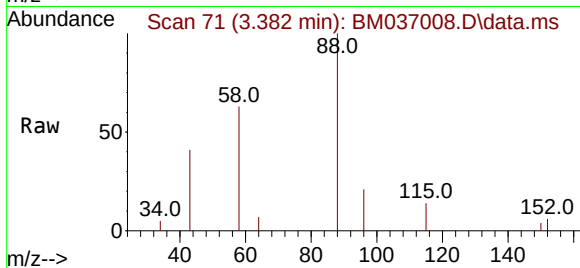
Quant Time: Oct 13 23:32:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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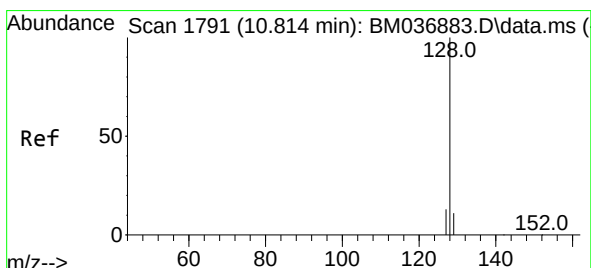
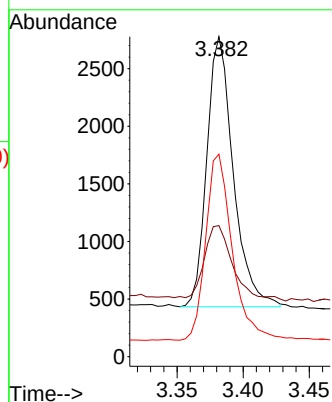
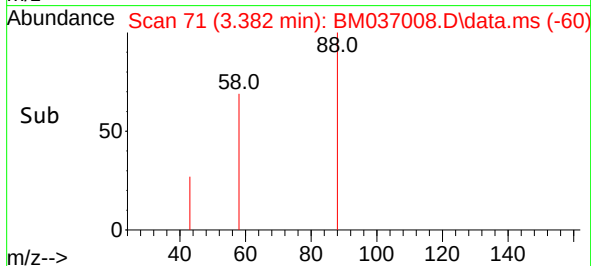
#2
1,4-Dioxane
Concen: 0.323 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.4145

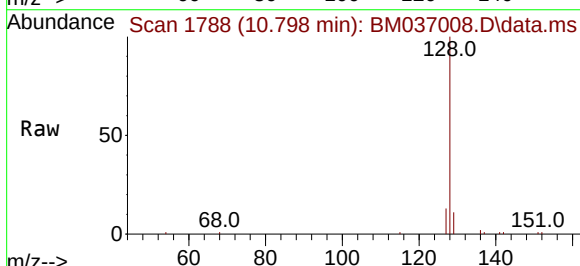


Tgt Ion: 88 Resp: 3258

Ion	Ratio	Lower	Upper
88	100		
43	40.9	37.8	56.6
58	63.3	42.6	63.8

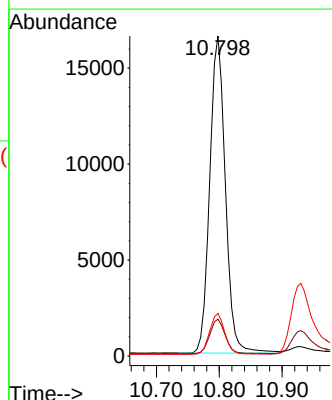
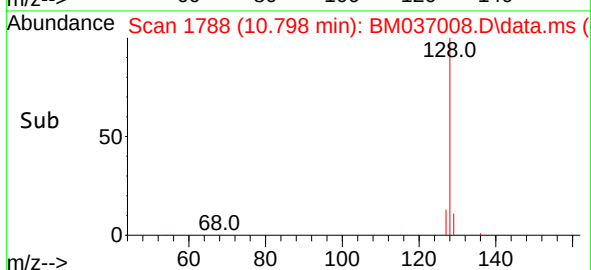


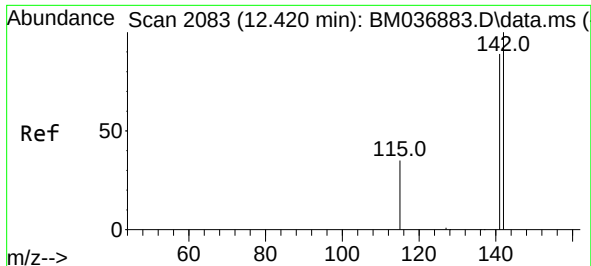
#5
Naphthalene
Concen: 0.372 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37



Tgt Ion: 128 Resp: 28607

Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.2	15.2
127	13.3	11.7	17.5

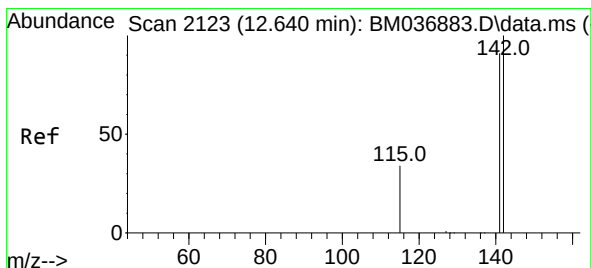
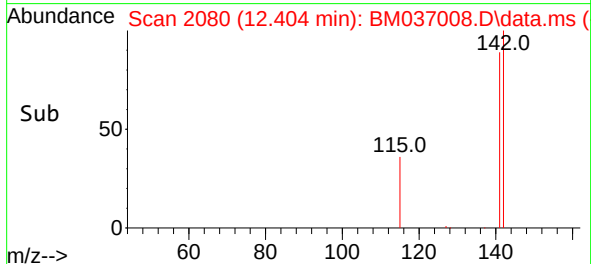
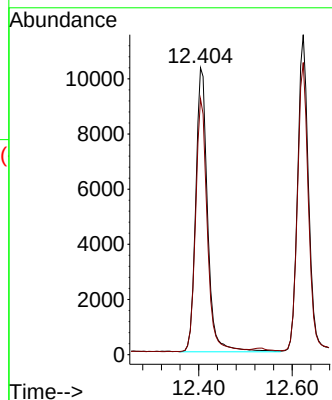
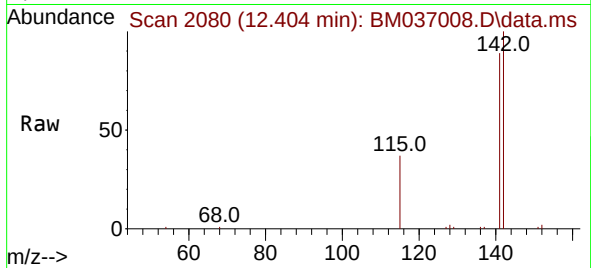




#7
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

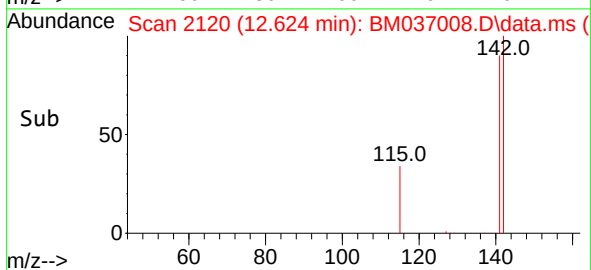
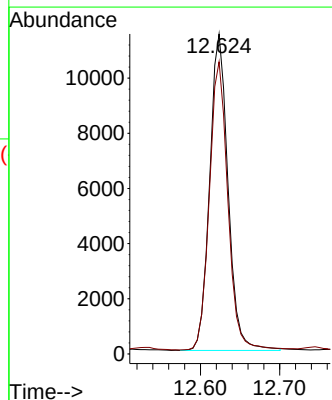
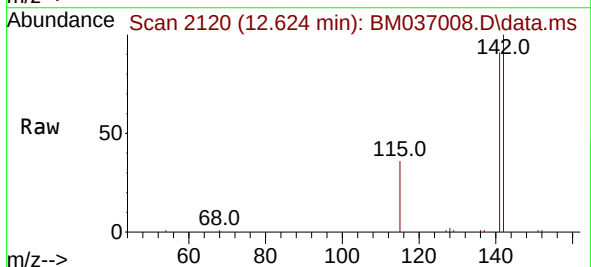
Instrument :
BNA_M
ClientSampleId :
SSTD0.4145

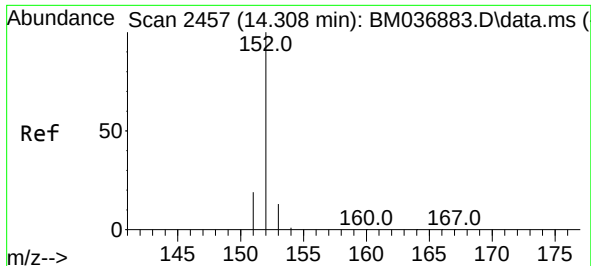
Tgt Ion:142 Resp: 18154
Ion Ratio Lower Upper
142 100
141 87.7 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Tgt Ion:142 Resp: 18476
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1

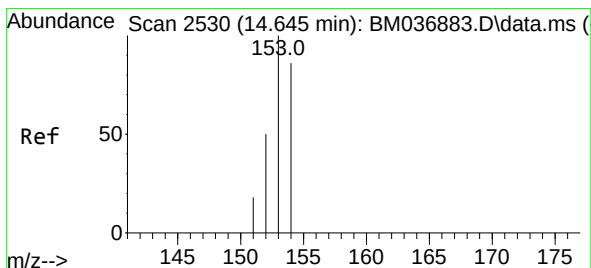
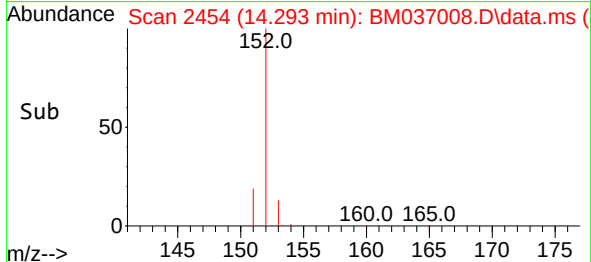
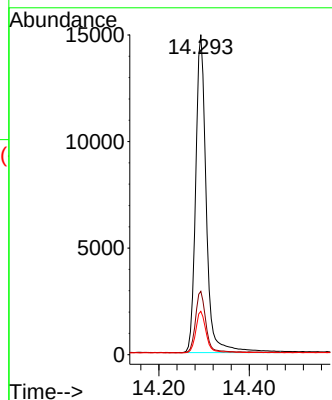
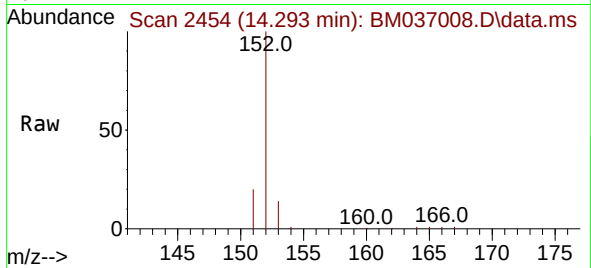




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.293 min Scan# 2457
Delta R.T. -0.005 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

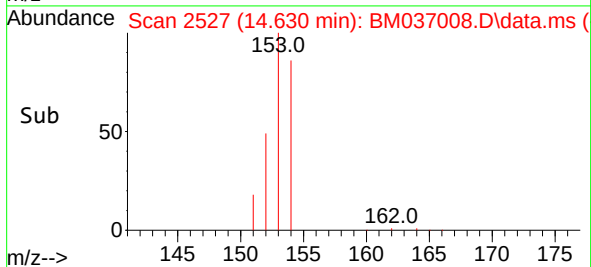
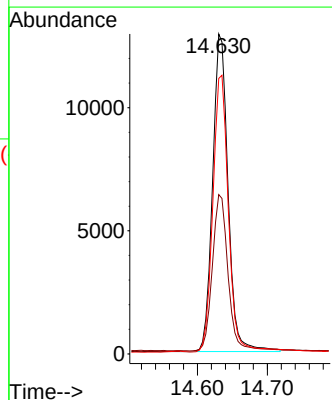
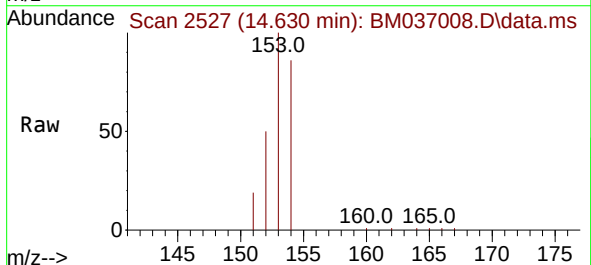
Instrument :
BNA_M
ClientSampleId :
SSTD0.4145

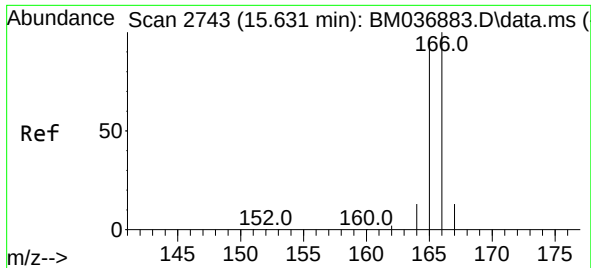
Tgt Ion:152 Resp: 24450
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 13.5 11.4 17.0



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.630 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Tgt Ion:153 Resp: 19835
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 86.1 69.7 104.5

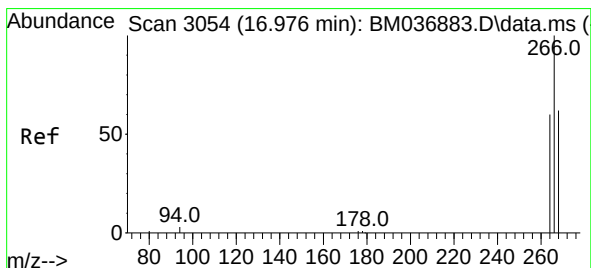
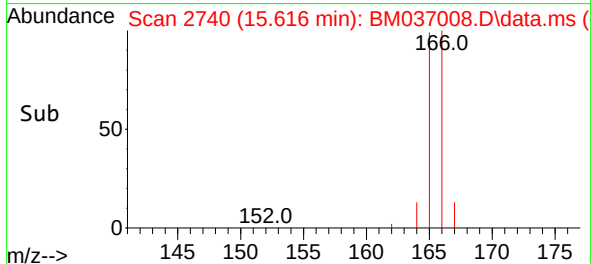
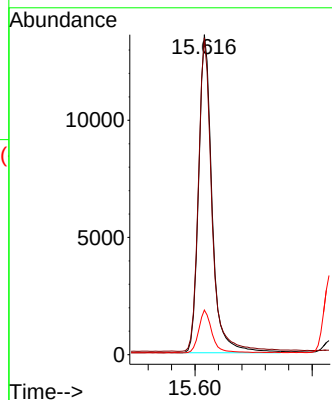
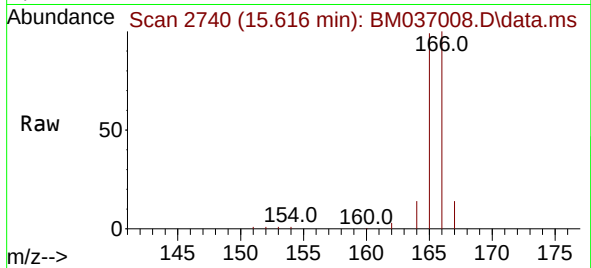




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.616 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

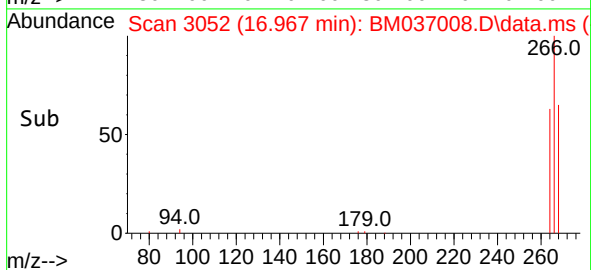
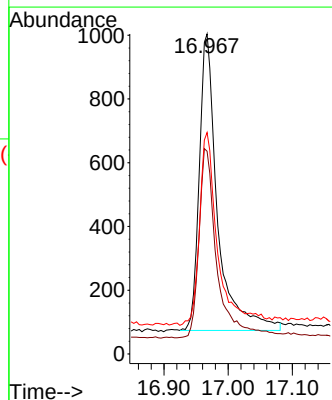
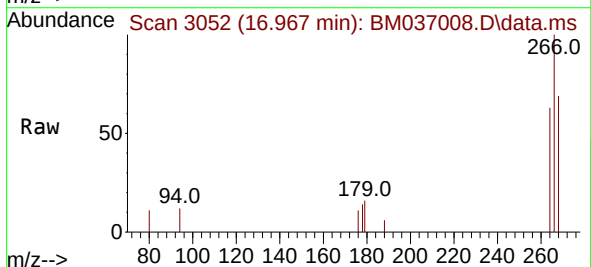
Instrument :
BNA_M
ClientSampleId :
SSTD0.4145

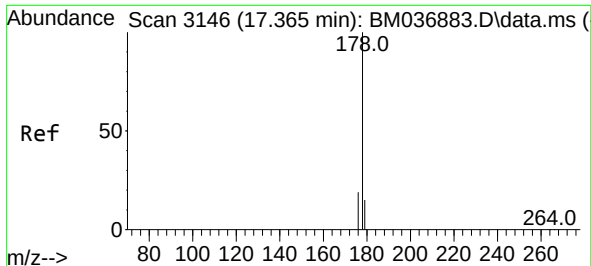
Tgt Ion:166	Resp:	21664
Ion Ratio	Lower	Upper
166	100	
165	99.0	78.9 118.3
167	13.9	11.3 16.9



#14
Pentachlorophenol
Concen: 0.272 ng/ul
RT: 16.967 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Tgt Ion:266	Resp:	1850
Ion Ratio	Lower	Upper
266	100	
264	62.8	50.3 75.5
268	65.4	53.5 80.3

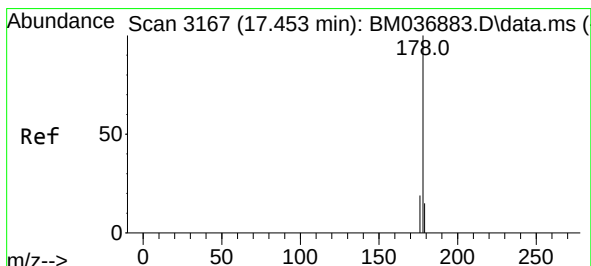
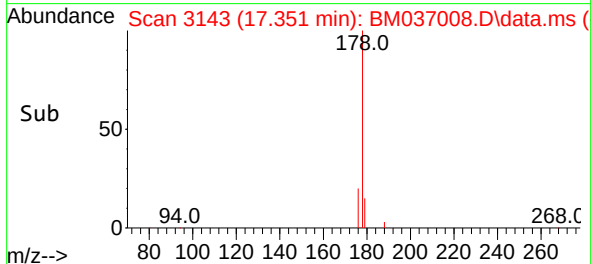
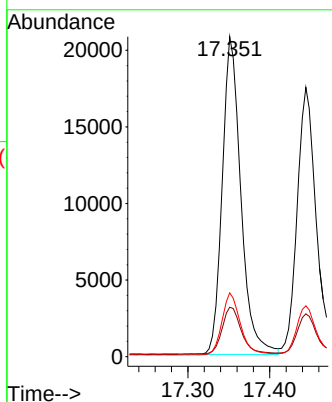
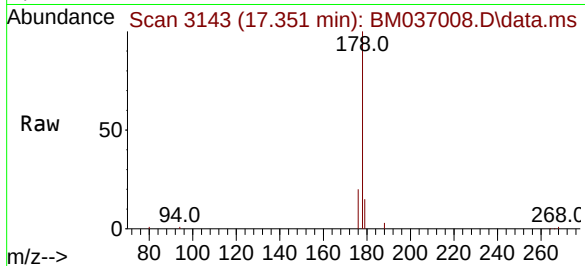




#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

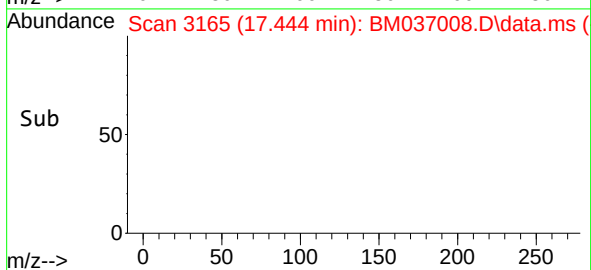
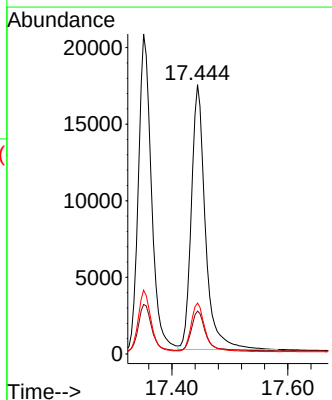
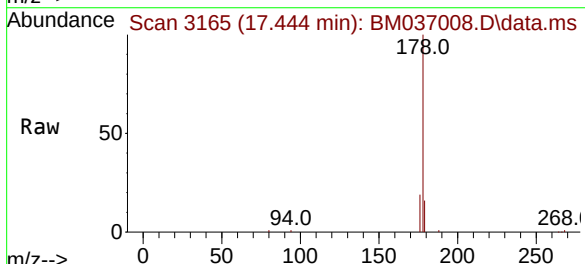
Instrument :
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ClientSampleId :
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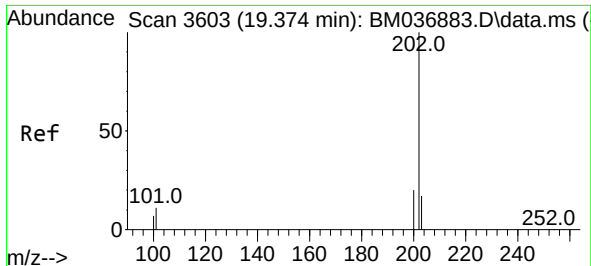
Tgt Ion:178 Resp: 32693
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.387 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Tgt Ion:178 Resp: 29006
Ion Ratio Lower Upper
178 100
179 15.9 13.6 20.4
176 18.9 15.6 23.4

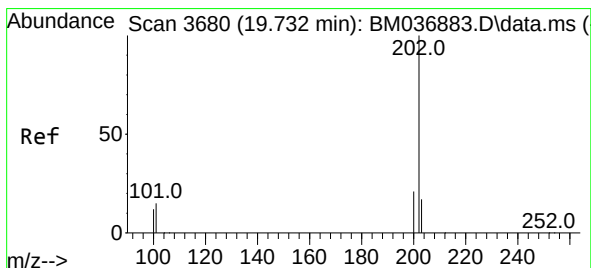
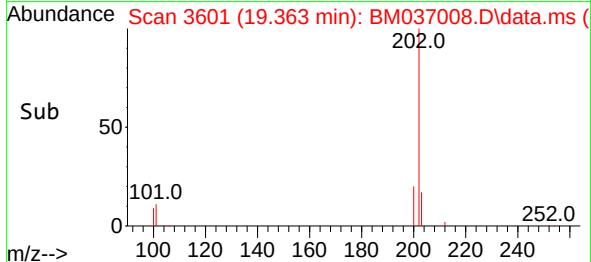
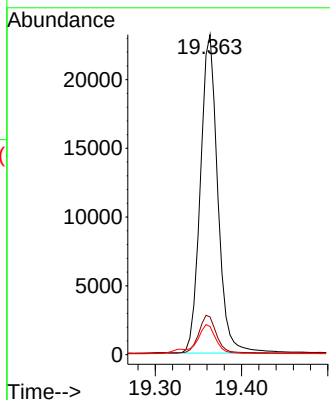
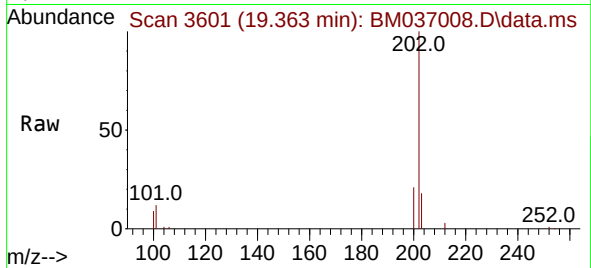




#19
Fluoranthene
Concen: 0.478 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. -0.000 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

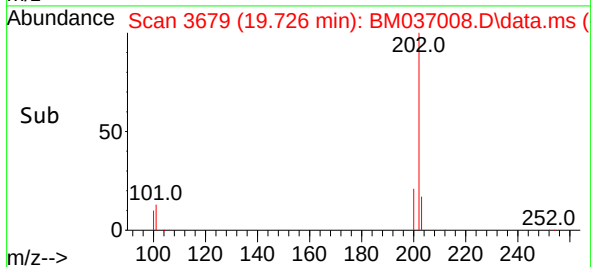
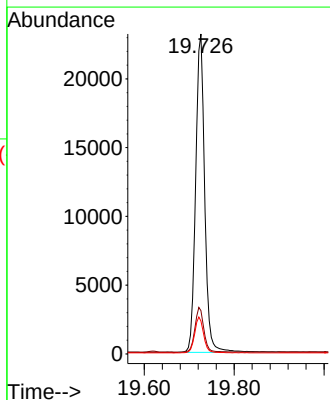
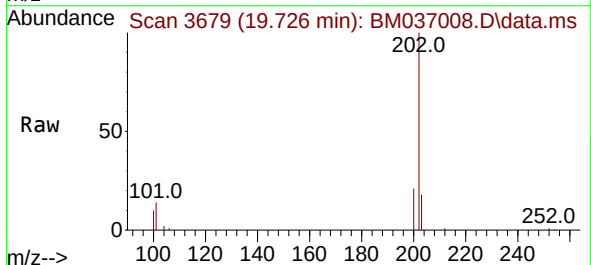
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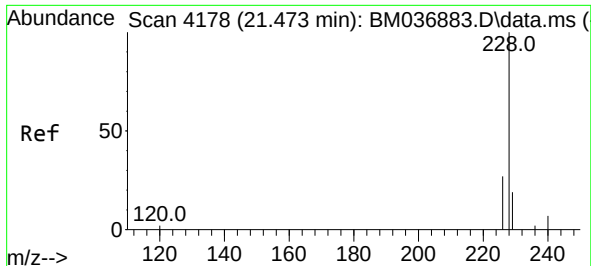
Tgt Ion:202 Resp: 32396
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.8 7.9 11.9



#20
Pyrene
Concen: 0.460 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Tgt Ion:202 Resp: 32516
Ion Ratio Lower Upper
202 100
101 13.5 12.0 18.0
100 10.3 9.8 14.6

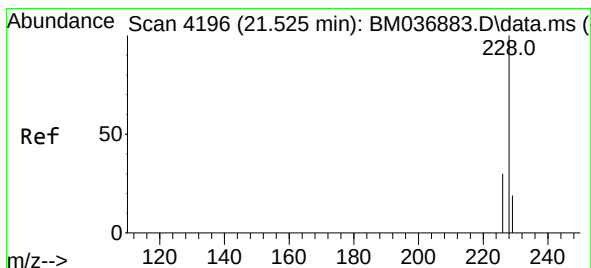
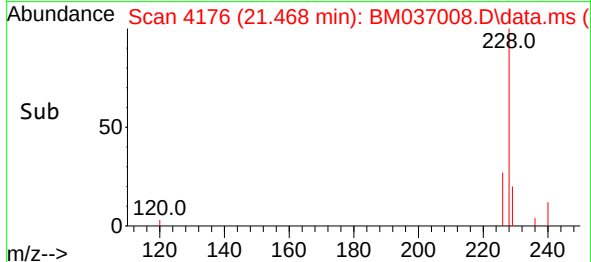
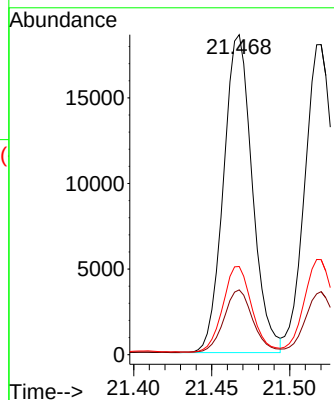
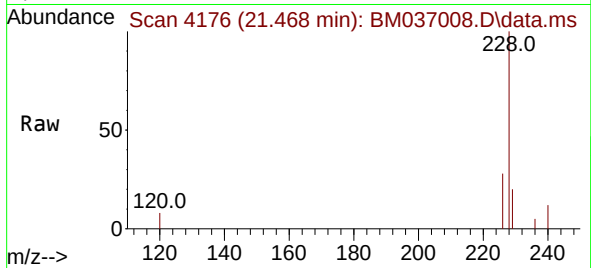




#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.468 min Scan# 4178
Delta R.T. -0.000 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

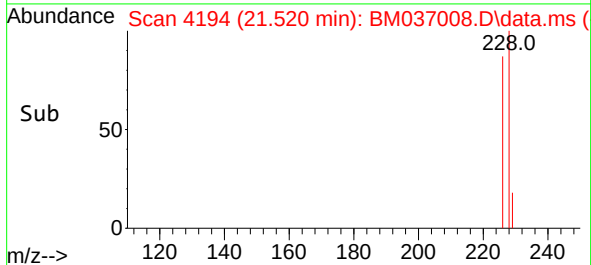
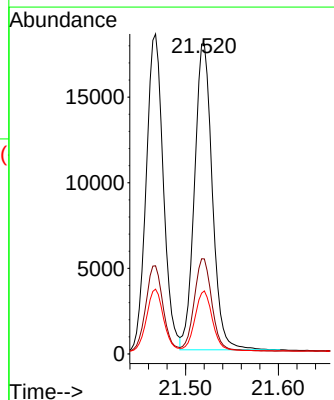
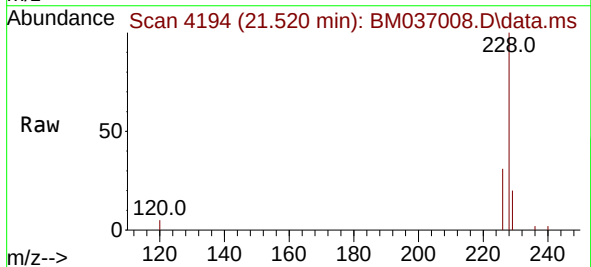
Instrument :
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SSTD0.4145

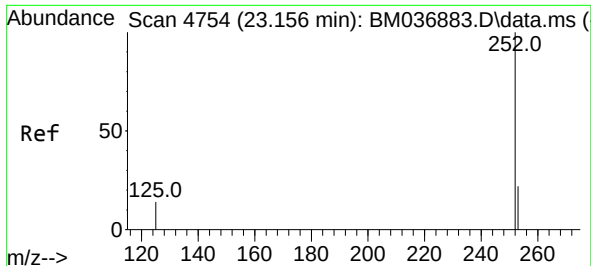
Tgt Ion:228 Resp: 23861
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 27.5 22.5 33.7



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Tgt Ion:228 Resp: 23894
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.3 16.4 24.6

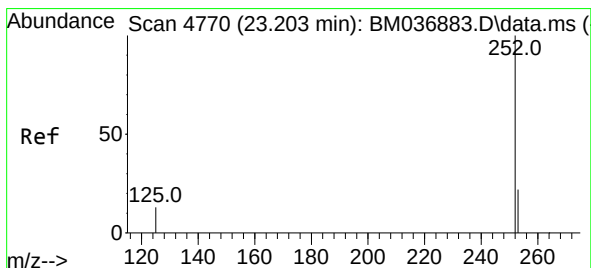
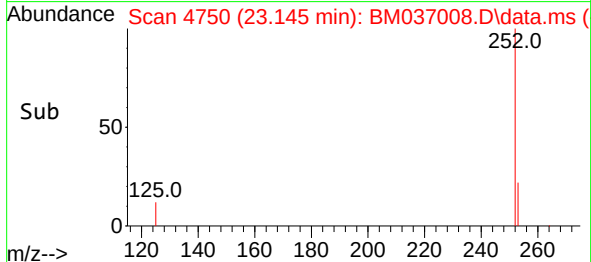
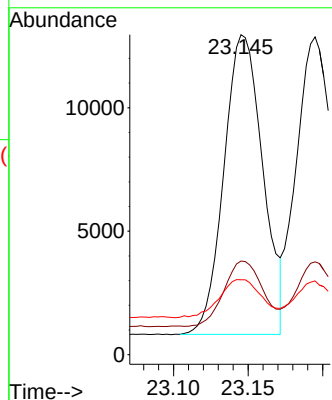
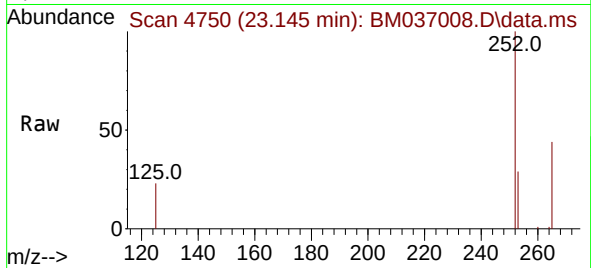




#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.145 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

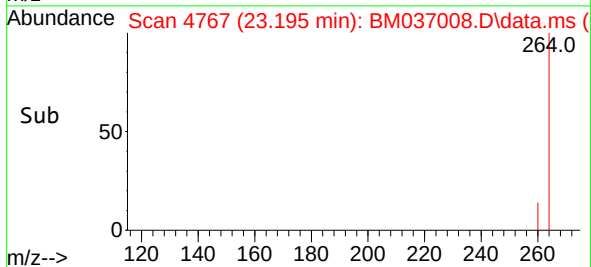
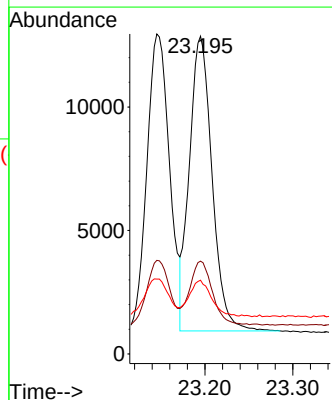
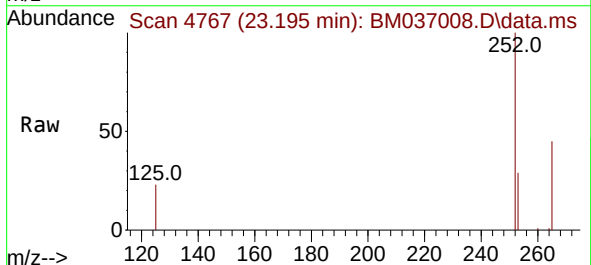
Instrument :
BNA_M
ClientSampleId :
SSTD0.4145

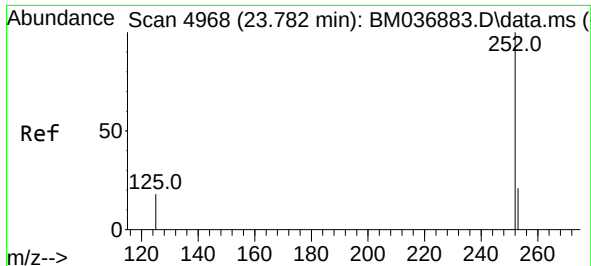
Tgt Ion:252	Resp:	22008
Ion Ratio	Lower	Upper
252	100	
253	29.2	0.0 61.4
125	23.4	0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.195 min Scan# 4767
Delta R.T. -0.000 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Tgt Ion:252	Resp:	21447
Ion Ratio	Lower	Upper
252	100	
253	29.2	25.2 37.8
125	23.2	18.3 27.5

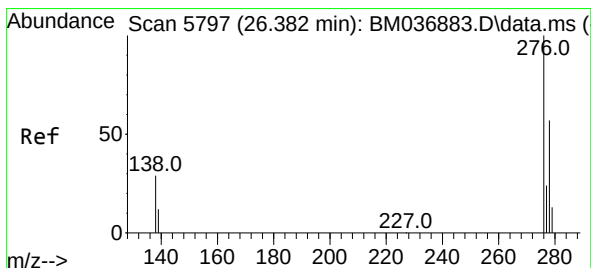
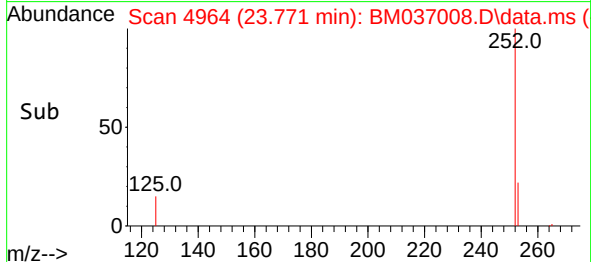
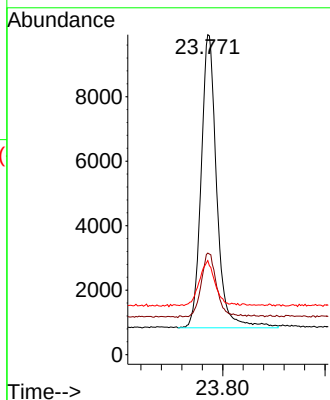
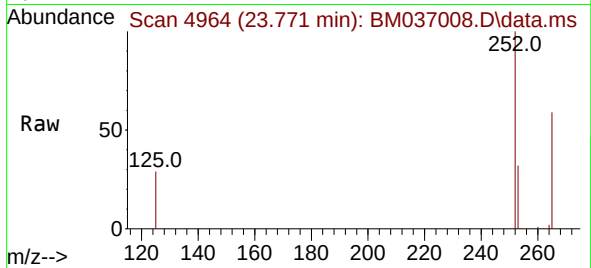




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. -0.000 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

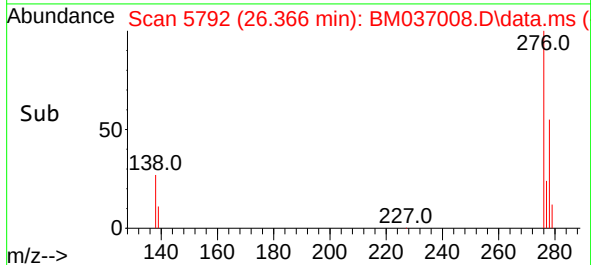
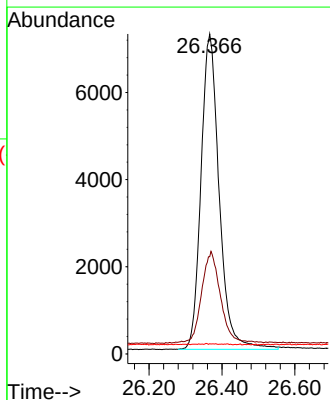
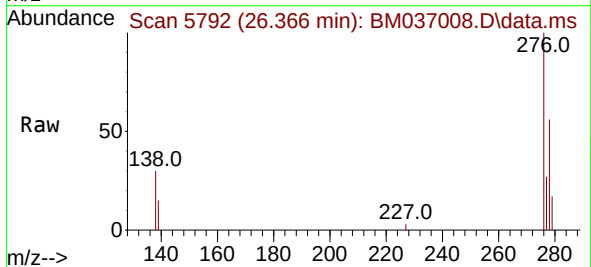
Instrument :
BNA_M
ClientSampleId :
SSTD0.4145

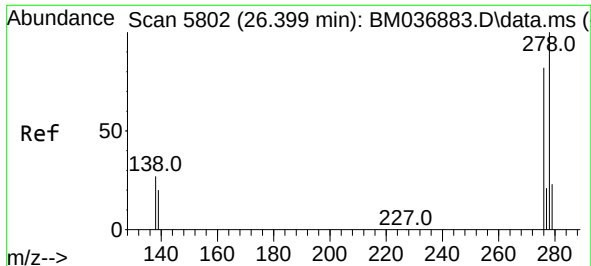
Tgt Ion:252	Resp:	19151
Ion Ratio	Lower	Upper
252	100	
253	31.7	29.7 44.5
125	29.4	23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. 0.003 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Tgt Ion:276	Resp:	25002
Ion Ratio	Lower	Upper
276	100	
138	29.3	23.9 35.9
227	0.0	0.1 0.1#

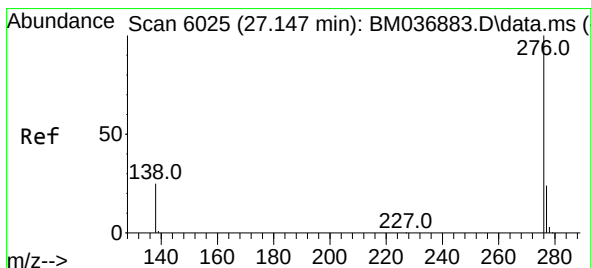
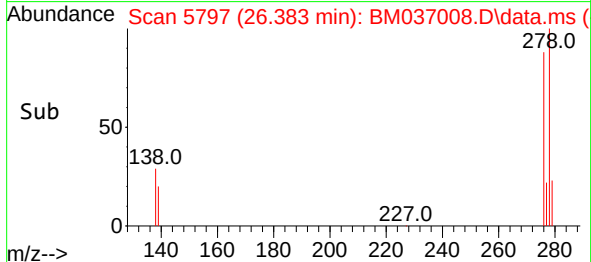
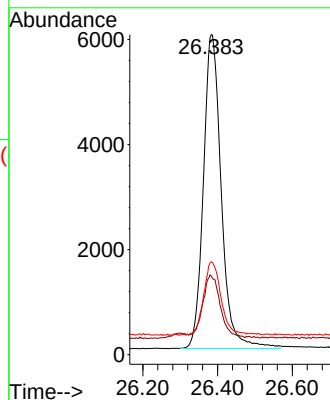
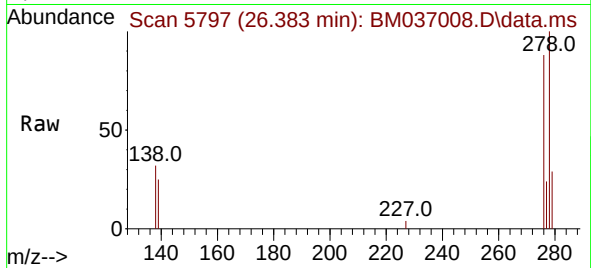




#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 26.383 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.4145

Tgt Ion:278 Resp: 19854
Ion Ratio Lower Upper
278 100
139 24.6 19.8 29.6
279 29.0 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.333 ng/ul
RT: 27.131 min Scan# 6020
Delta R.T. 0.003 min
Lab File: BM037008.D
Acq: 13 Oct 2022 09:37

Tgt Ion:276 Resp: 21375
Ion Ratio Lower Upper
276 100
138 29.3 23.4 35.0
277 25.3 21.0 31.4

