

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038195.D
 Acq On : 22 Dec 2022 13:02
 Operator : CG/JU
 Sample : SSTD3.215
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2027

Quant Time: Dec 22 23:19:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:18:00 2022
 Response via : Initial Calibration

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

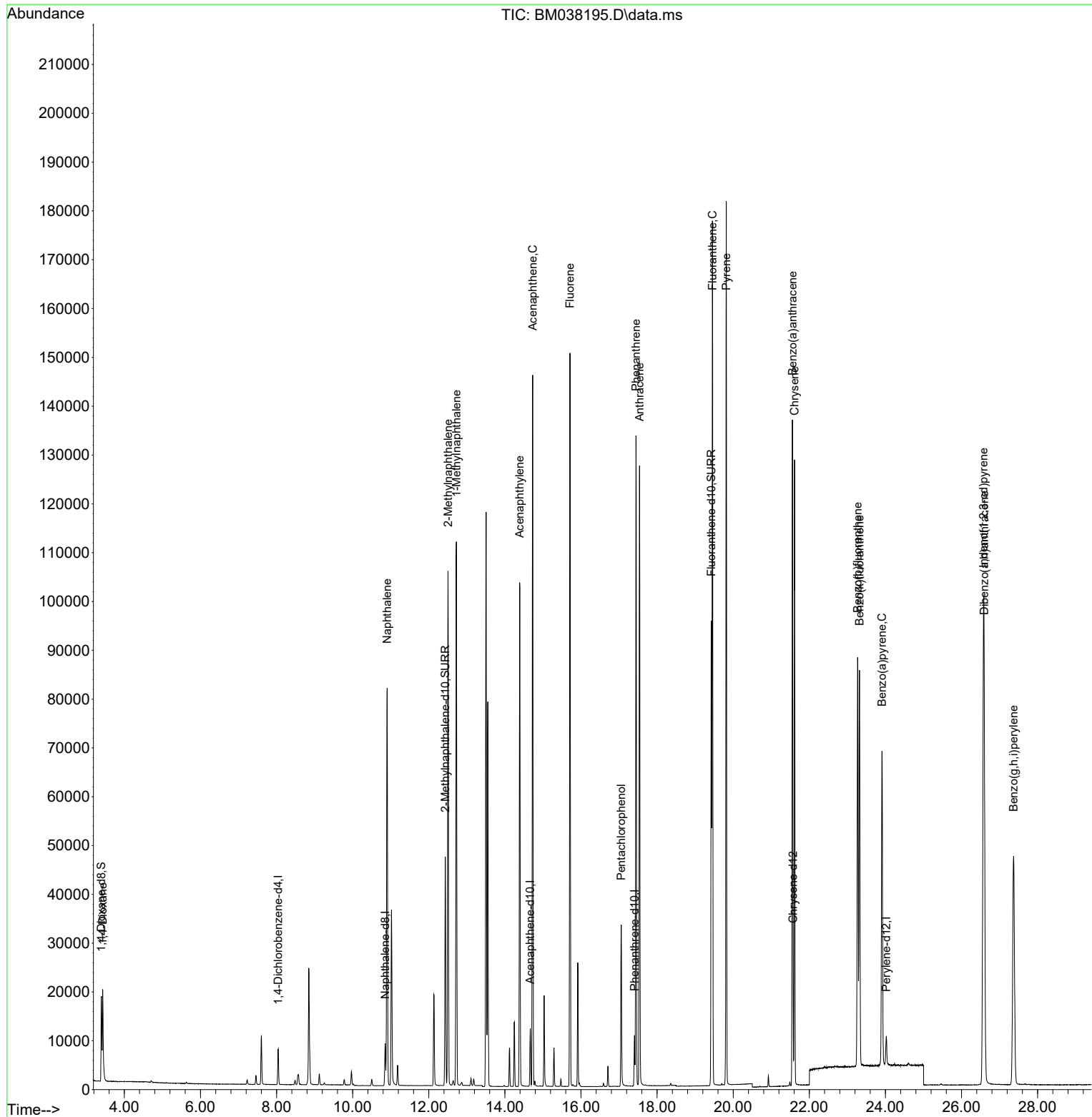
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	3770	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	11294	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6109	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	11936	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	8350	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	8014	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	12219	2.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	55852	3.388	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	100358	3.316	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	12128	2.610	ng/ul#	83
5) Naphthalene	10.906	128	108264	3.164	ng/ul	98
7) 2-Methylnaphthalene	12.506	142	70179	3.338	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	73802	3.430	ng/ul	99
10) Acenaphthylene	14.389	152	112664	3.518	ng/ul	99
11) Acenaphthene	14.731	153	79256	3.265	ng/ul	99
12) Fluorene	15.712	166	88142	3.277	ng/ul	99
14) Pentachlorophenol	17.059	266	20951	4.239	ng/ul	100
15) Phenanthrene	17.447	178	131410	3.269	ng/ul	98
16) Anthracene	17.540	178	130290	3.506	ng/ul	98
19) Fluoranthene	19.455	202	143109	3.318	ng/ul	100
20) Pyrene	19.817	202	143394	3.257	ng/ul	100
21) Benzo(a)anthracene	21.556	228	113564	3.148	ng/ul	100
22) Chrysene	21.612	228	107013	2.941	ng/ul	99
24) Benzo(b)fluoranthene	23.269	252	110550	2.909	ng/ul	87
25) Benzo(k)fluoranthene	23.319	252	106309	2.899	ng/ul#	88
26) Benzo(a)pyrene	23.909	252	96824	3.025	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.579	276	127254	3.167	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.595	278	99085	3.166	ng/ul	92
29) Benzo(g,h,i)perylene	27.367	276	106356	3.116	ng/ul	96

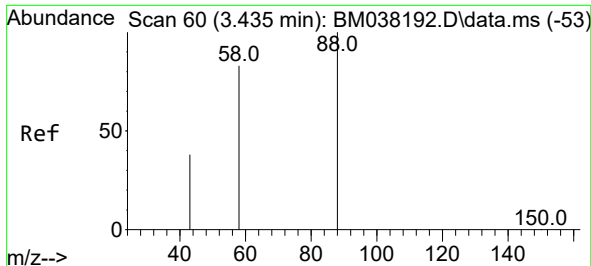
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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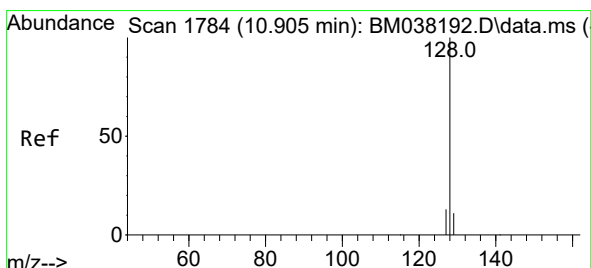
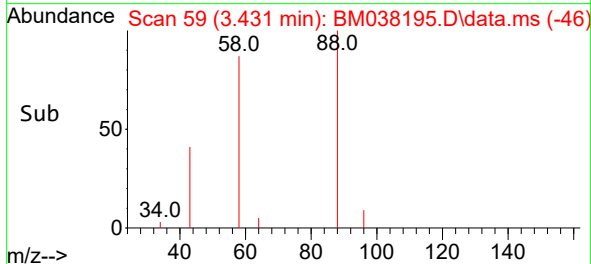
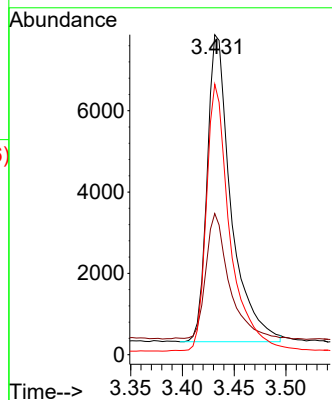
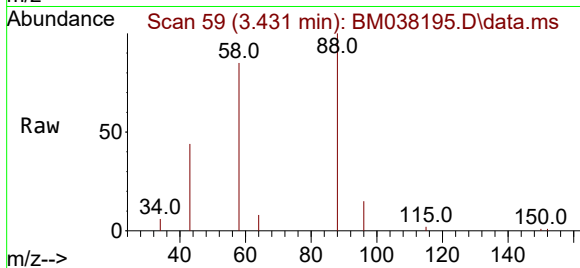




#2
1,4-Dioxane
Concen: 2.610 ng/ul
RT: 3.431 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

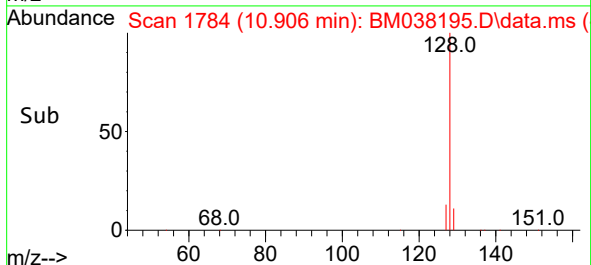
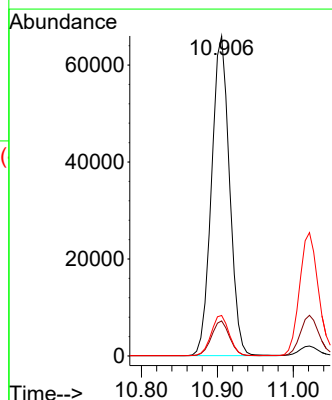
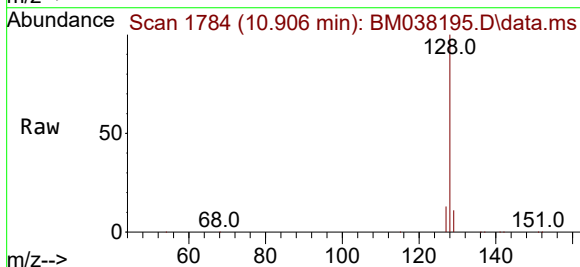
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

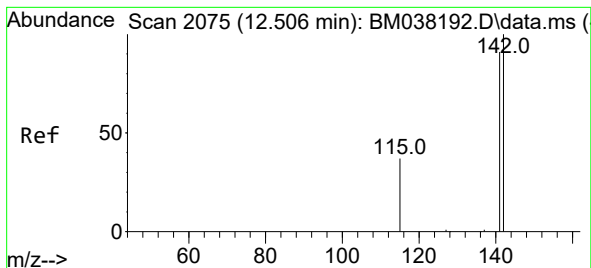
Tgt Ion: 88 Resp: 12128
Ion Ratio Lower Upper
88 100
43 44.1 46.4 69.6#
58 84.6 56.9 85.3



#5
Naphthalene
Concen: 3.164 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion: 128 Resp: 108264
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 12.7 10.7 16.1

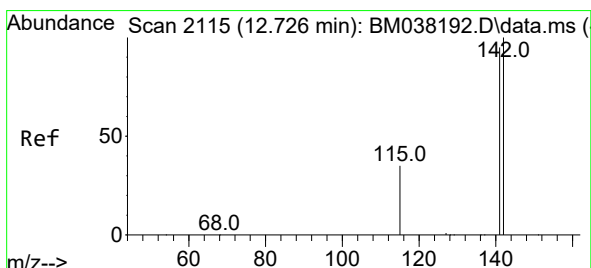
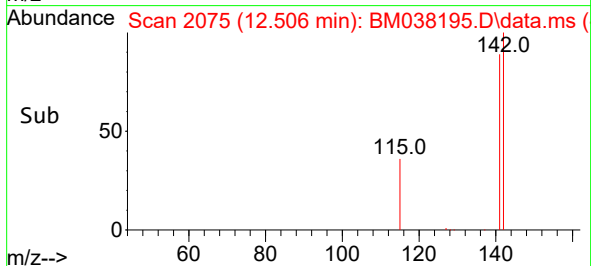
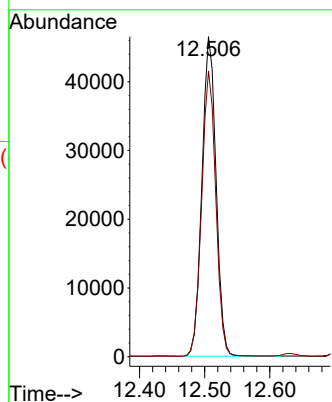
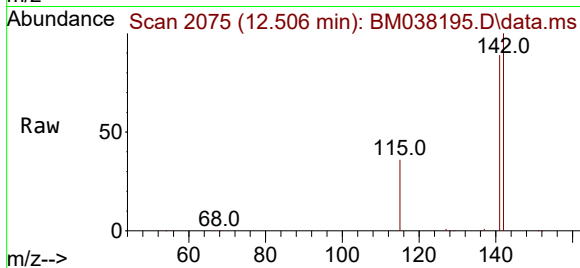




#7
2-Methylnaphthalene
Concen: 3.338 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

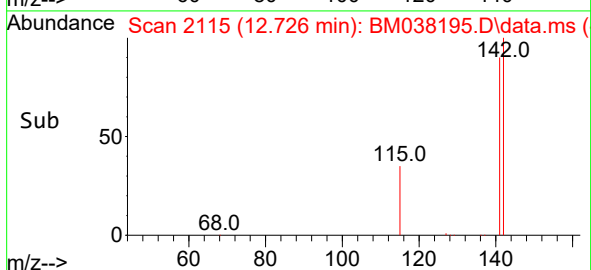
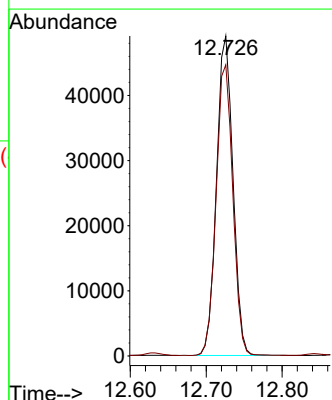
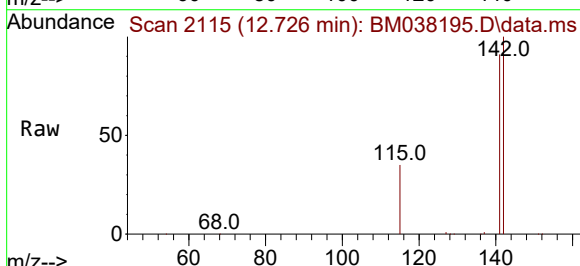
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

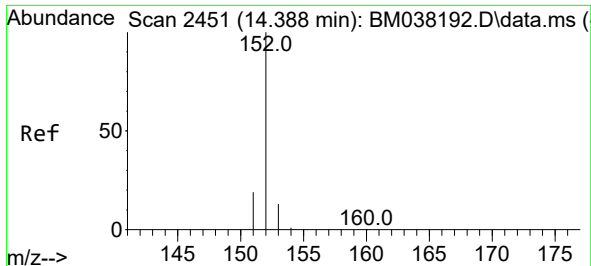
Tgt Ion:142 Resp: 70179
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 3.430 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion:142 Resp: 73802
Ion Ratio Lower Upper
142 100
141 92.2 74.7 112.1

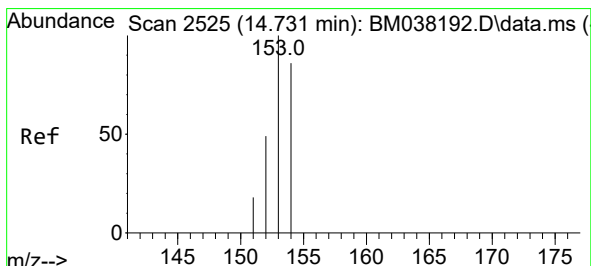
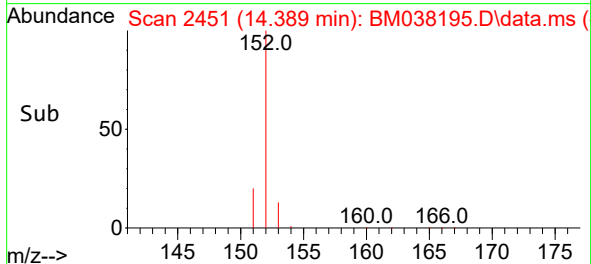
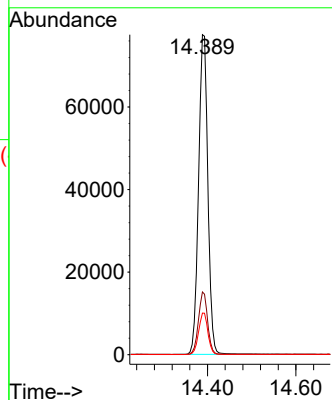
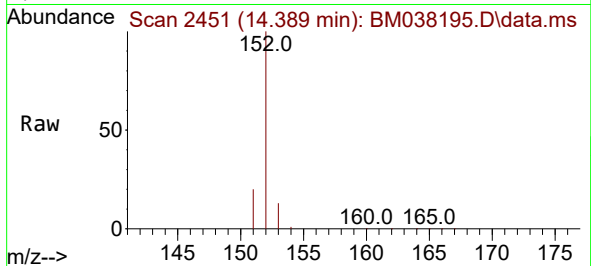




#10
Acenaphthylene
Concen: 3.518 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

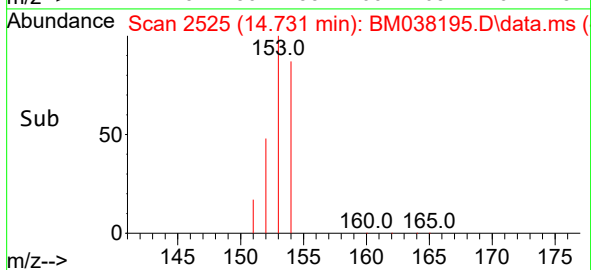
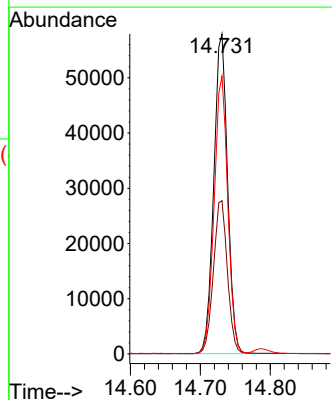
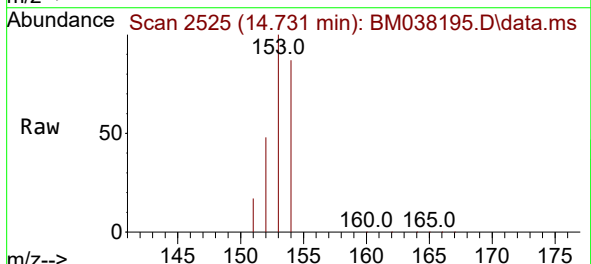
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

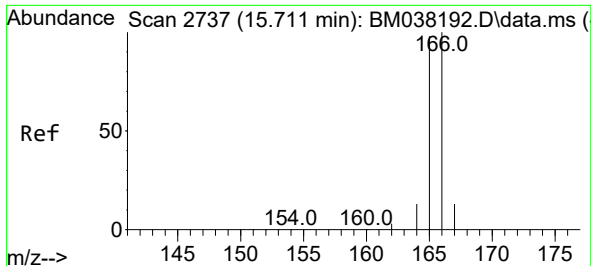
Tgt Ion:152 Resp: 112664
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.0 10.7 16.1



#11
Acenaphthene
Concen: 3.265 ng/ul
RT: 14.731 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion:153 Resp: 79256
Ion Ratio Lower Upper
153 100
152 47.9 39.4 59.0
154 86.7 69.0 103.4

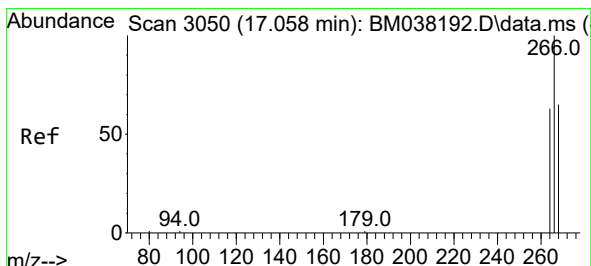
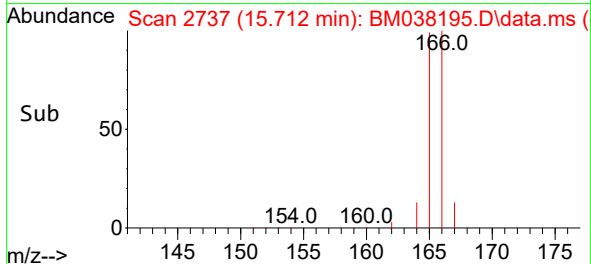
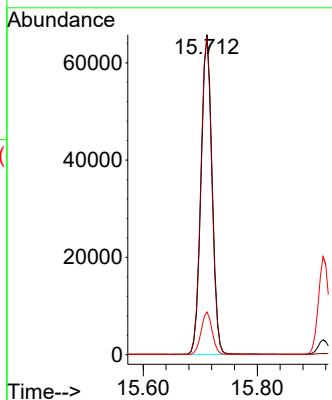
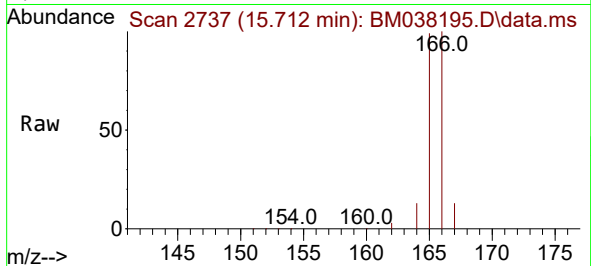




#12
Fluorene
Concen: 3.277 ng/ul
RT: 15.712 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

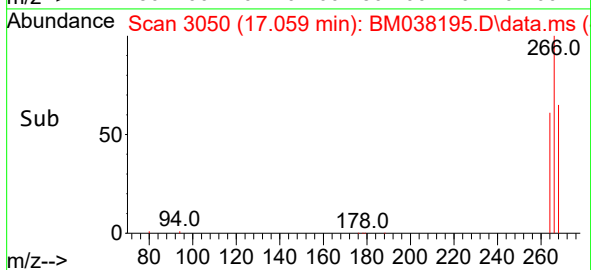
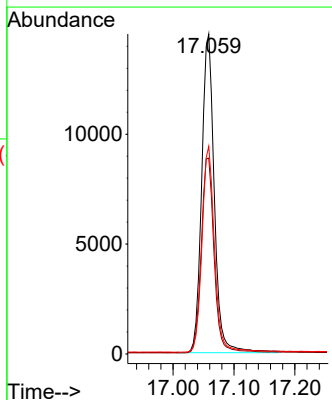
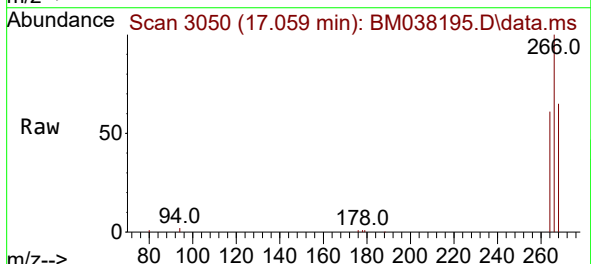
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

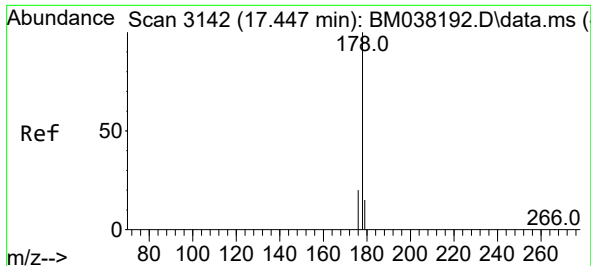
Tgt Ion:166 Resp: 88142
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.6
167 13.4 11.0 16.6



#14
Pentachlorophenol
Concen: 4.239 ng/ul
RT: 17.059 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion:266 Resp: 20951
Ion Ratio Lower Upper
266 100
264 62.6 49.9 74.9
268 64.4 51.2 76.8

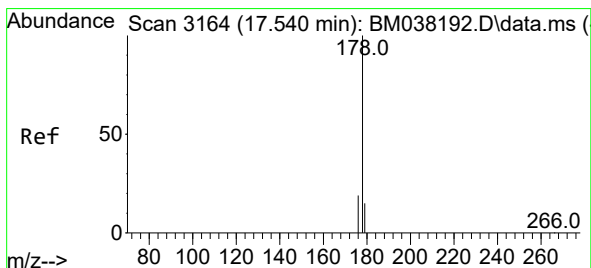
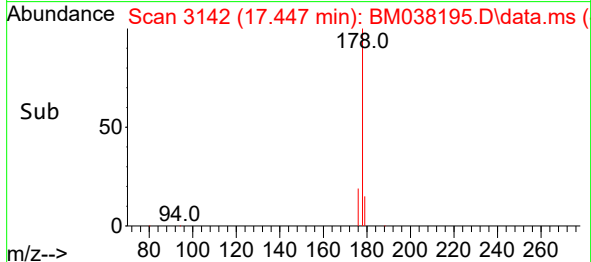
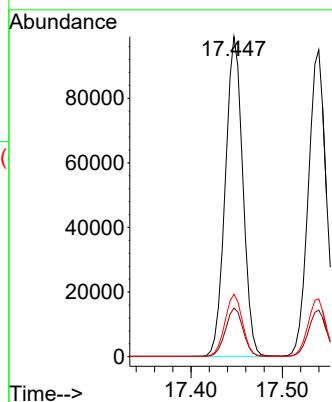
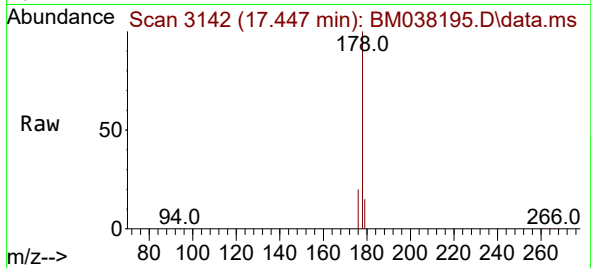




#15
Phenanthrene
Concen: 3.269 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

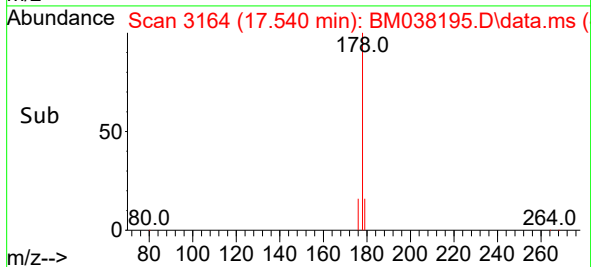
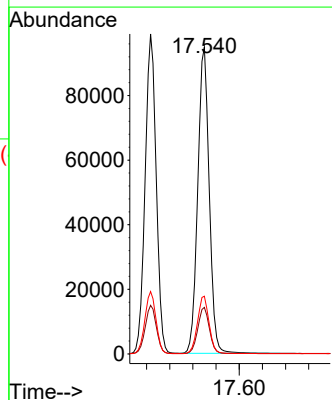
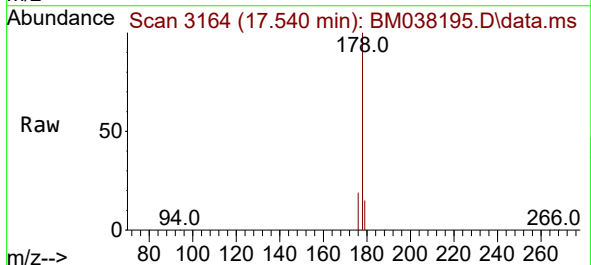
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

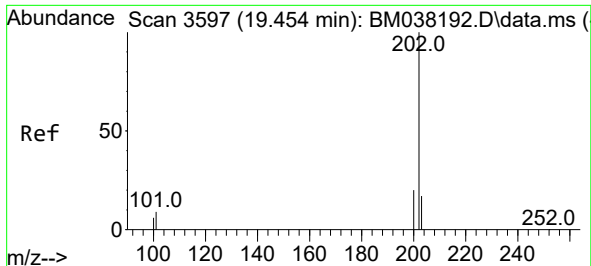
Tgt Ion:178 Resp: 131410
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.4
176 19.5 16.2 24.4



#16
Anthracene
Concen: 3.506 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion:178 Resp: 130290
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.6
176 18.8 15.6 23.4

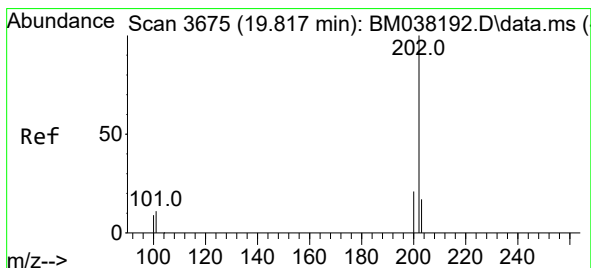
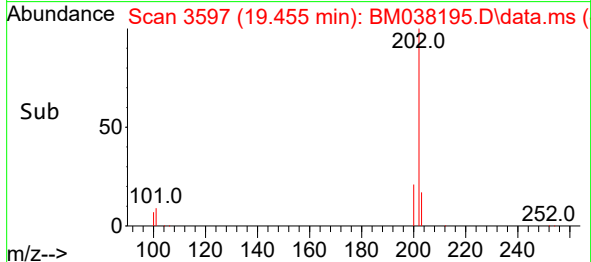
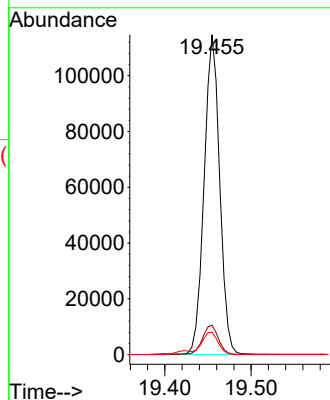
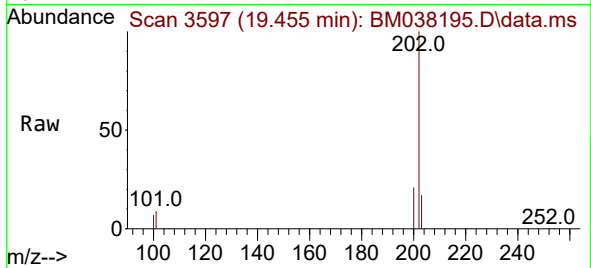




#19
Fluoranthene
Concen: 3.318 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

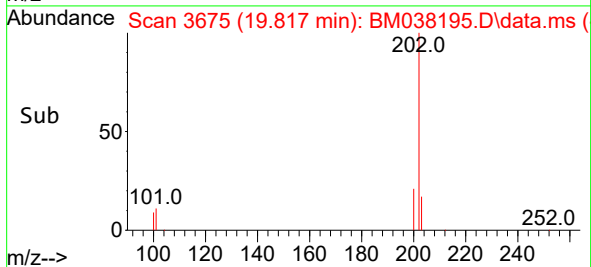
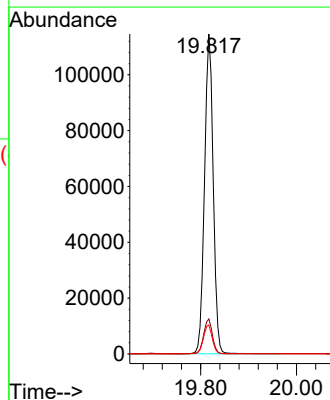
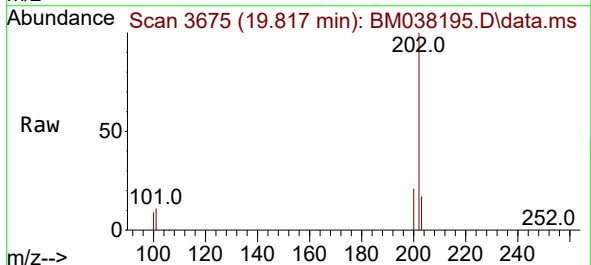
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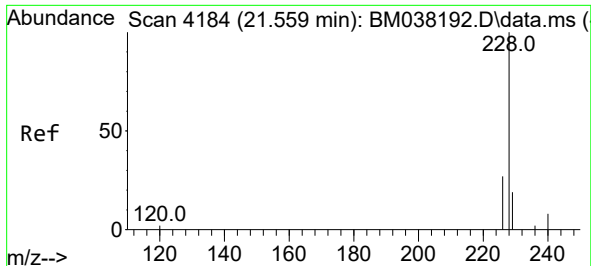
Tgt Ion:202 Resp: 143109
Ion Ratio Lower Upper
202 100
101 9.2 7.5 11.3
100 7.0 5.6 8.4



#20
Pyrene
Concen: 3.257 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion:202 Resp: 143394
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 9.0 7.4 11.0

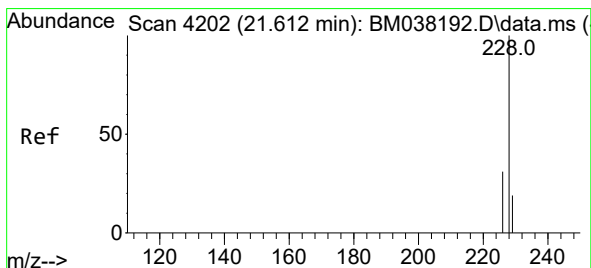
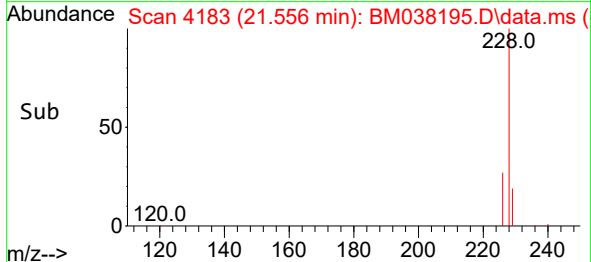
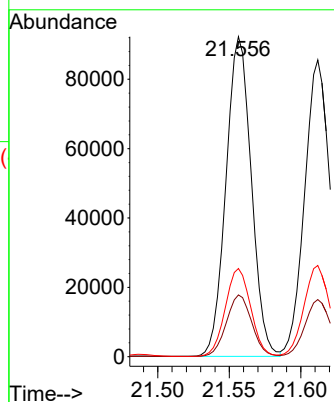
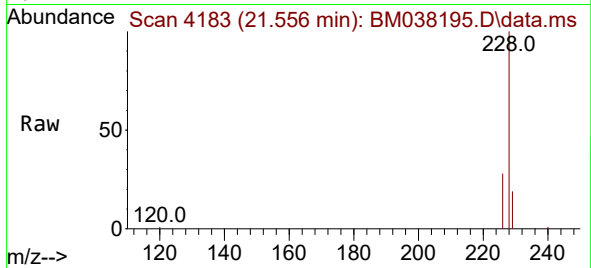




#21
Benzo(a)anthracene
Concen: 3.148 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

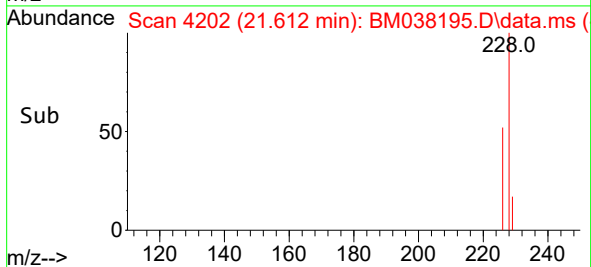
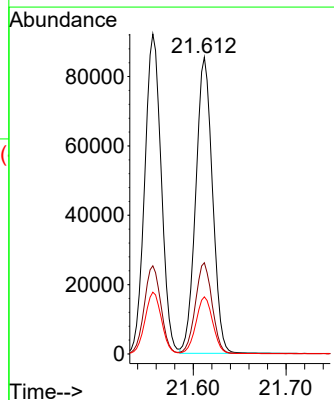
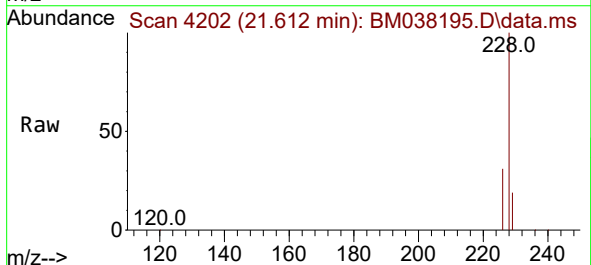
Instrument :
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ClientSampleId :
SSTD3.2027

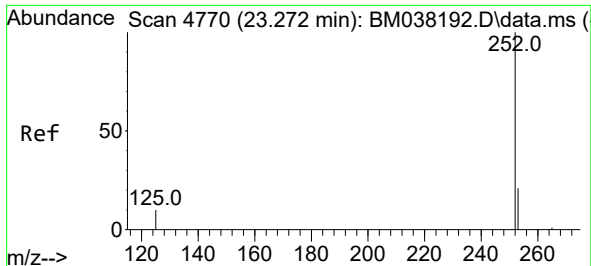
Tgt Ion:228 Resp: 113564
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 27.6 22.2 33.2



#22
Chrysene
Concen: 2.941 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion:228 Resp: 107013
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.4
229 19.2 16.0 24.0

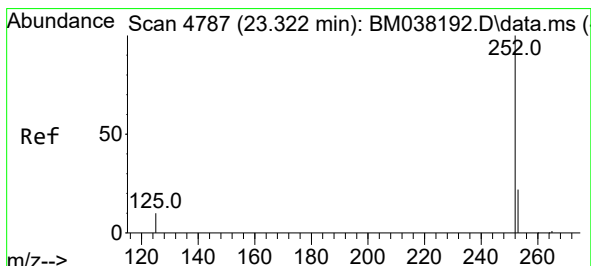
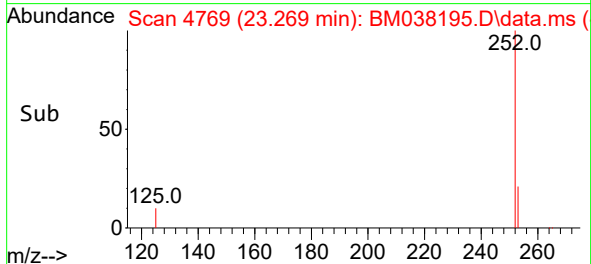
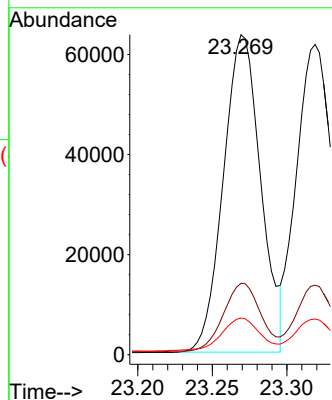
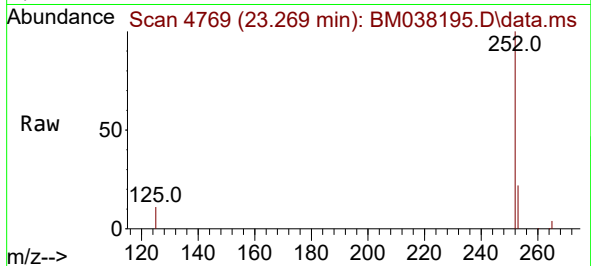




#24
Benzo(b)fluoranthene
Concen: 2.909 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

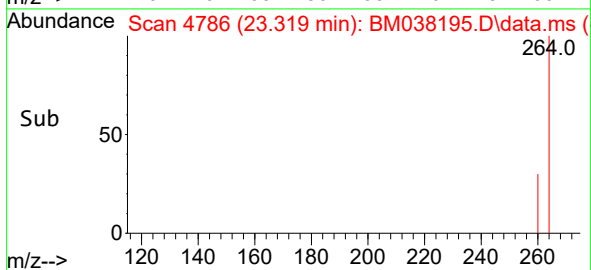
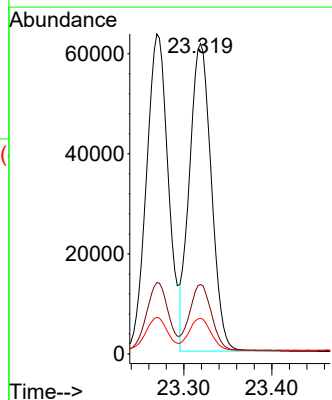
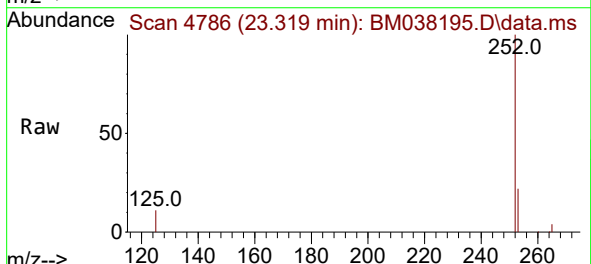
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

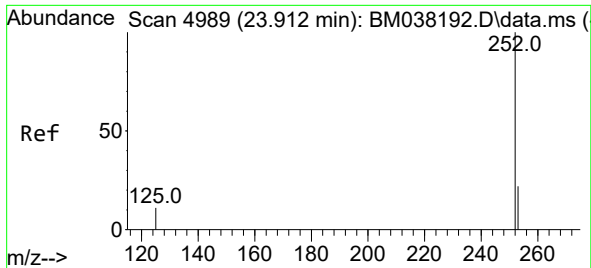
Tgt Ion:252 Resp: 110550
Ion Ratio Lower Upper
252 100
253 22.3 0.0 56.0
125 11.5 0.0 36.6



#25
Benzo(k)fluoranthene
Concen: 2.899 ng/ul
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion:252 Resp: 106309
Ion Ratio Lower Upper
252 100
253 22.4 22.5 33.7#
125 11.5 14.4 21.6#

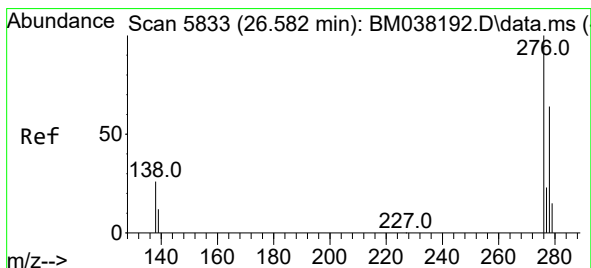
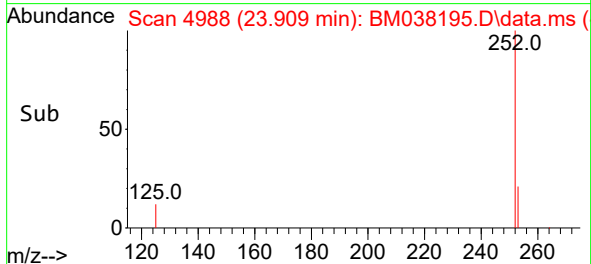
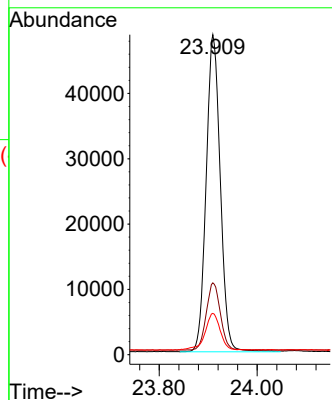
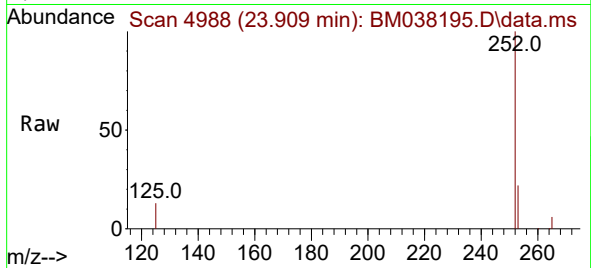




#26
Benzo(a)pyrene
Concen: 3.025 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

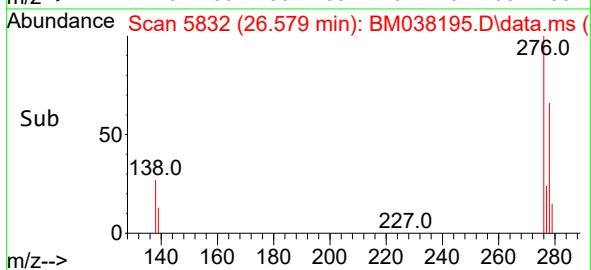
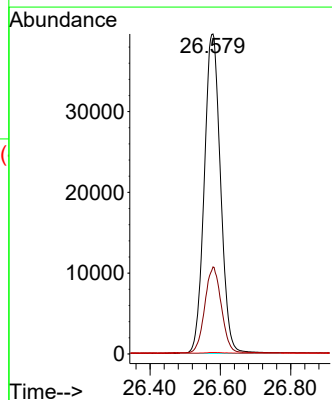
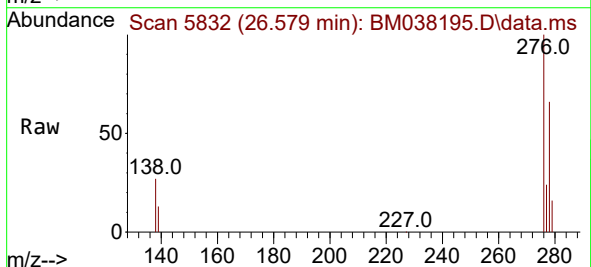
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

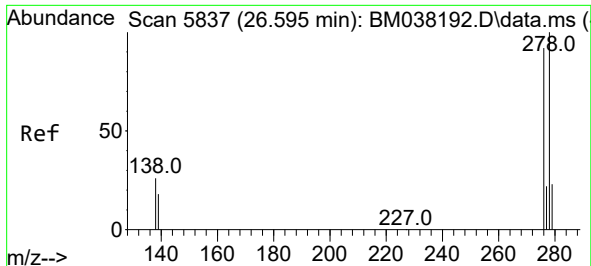
Tgt Ion:252 Resp: 96824
Ion Ratio Lower Upper
252 100
253 22.4 24.2 36.4#
125 12.9 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.167 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion:276 Resp: 127254
Ion Ratio Lower Upper
276 100
138 27.0 21.7 32.5
227 0.2 0.0 0.0#

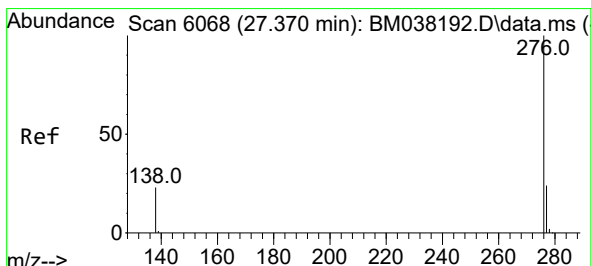
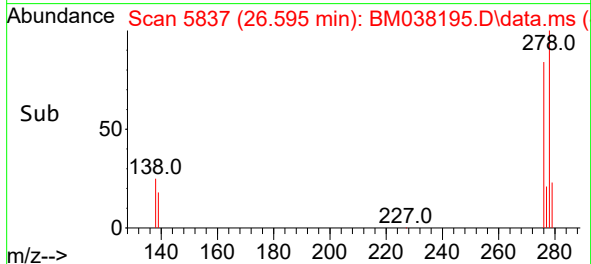
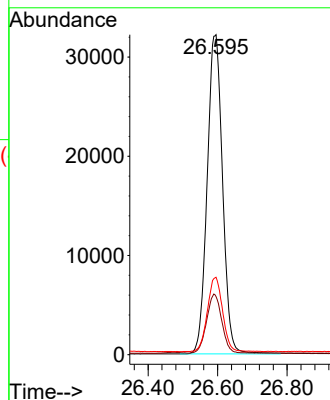
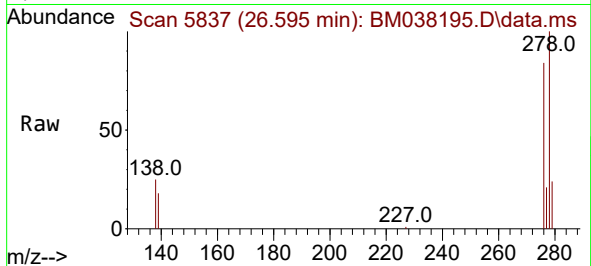




#28
Dibenzo(a,h)anthracene
Concen: 3.166 ng/ul
RT: 26.595 min Scan# 5837
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:278 Resp: 99085
Ion Ratio Lower Upper
278 100
139 18.1 16.8 25.2
279 24.2 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 3.116 ng/ul
RT: 27.367 min Scan# 6067
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion:276 Resp: 106356
Ion Ratio Lower Upper
276 100
138 23.9 20.8 31.2
277 23.4 20.5 30.7

