Quantitation Report (Not Reviewed)

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 :

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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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
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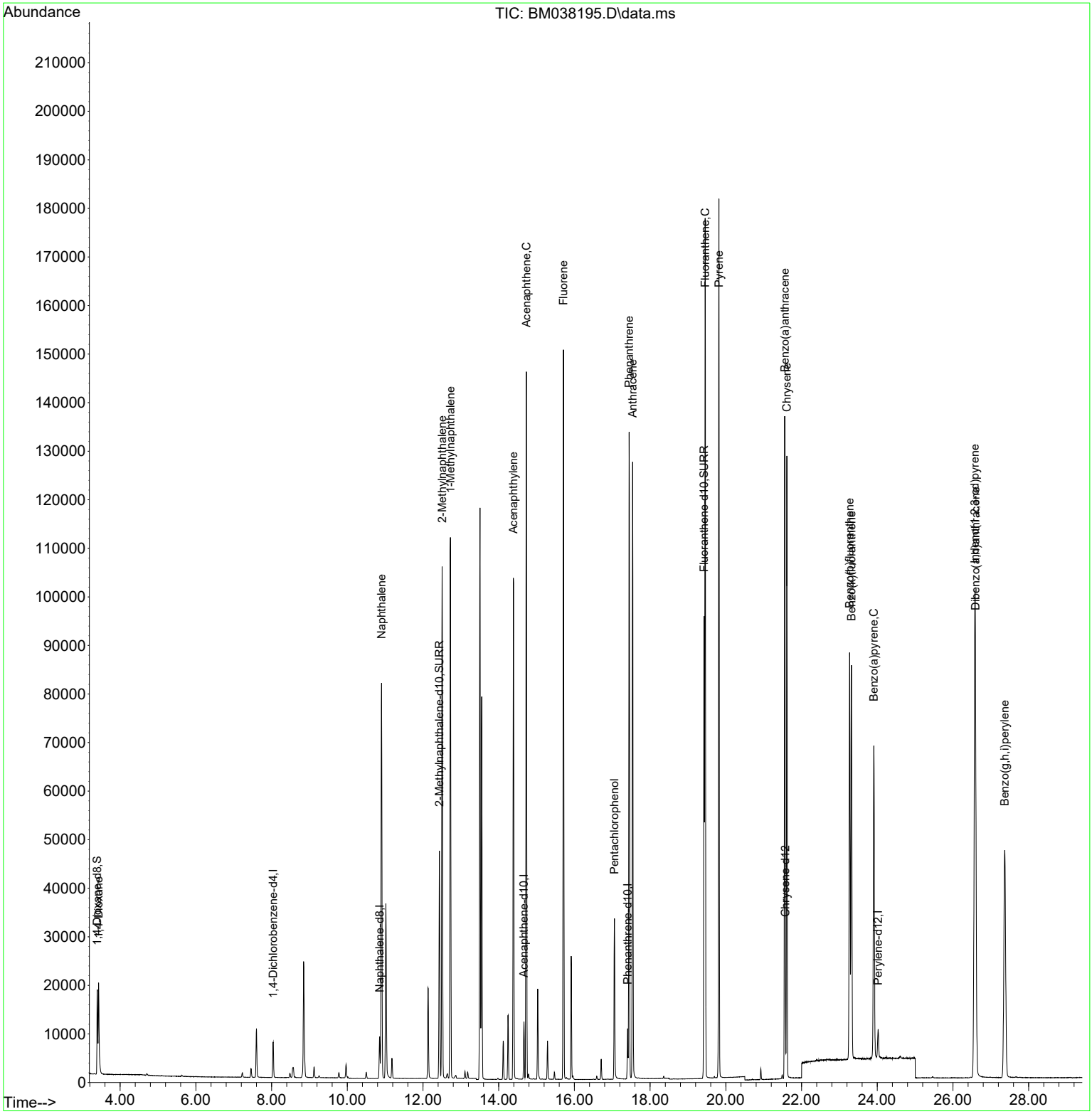
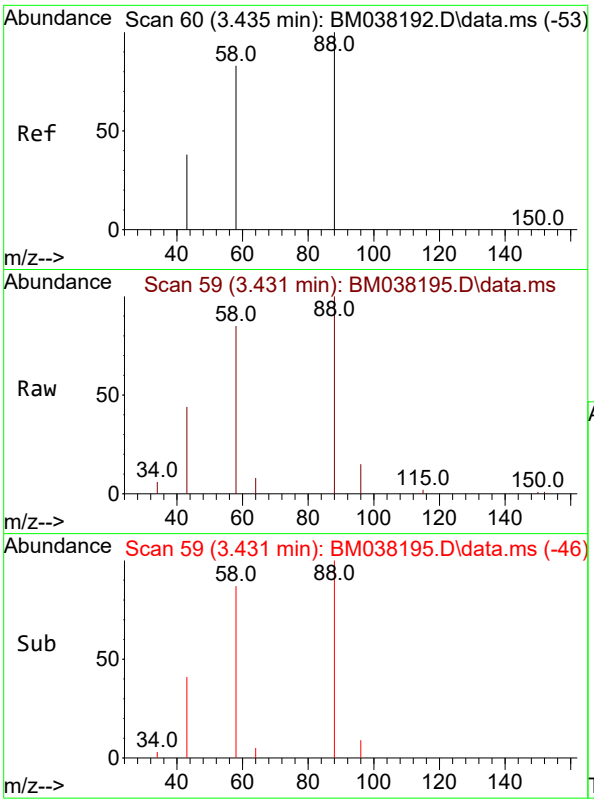


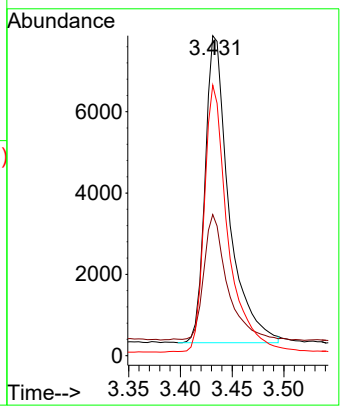


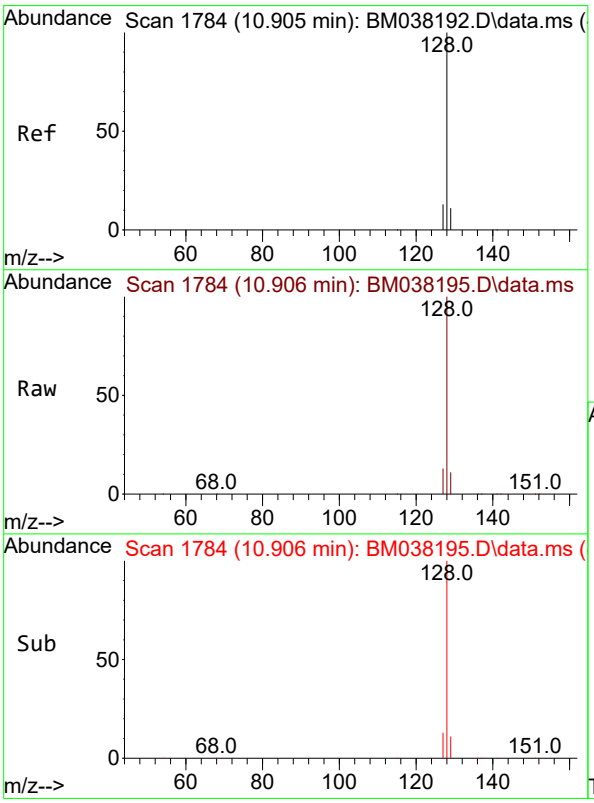
#2
1,4-Dioxane
Concen: 2.610 ng/ul
RT: 3.431 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :

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

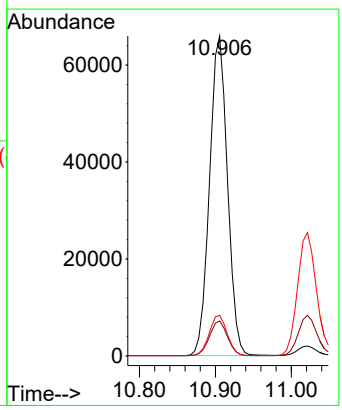


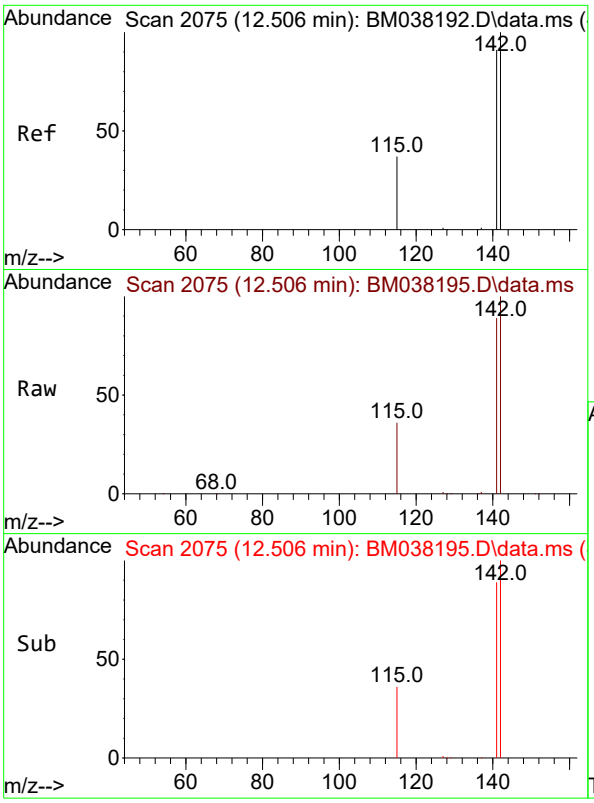


#5
Naphthalene
Concen: 3.164 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

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



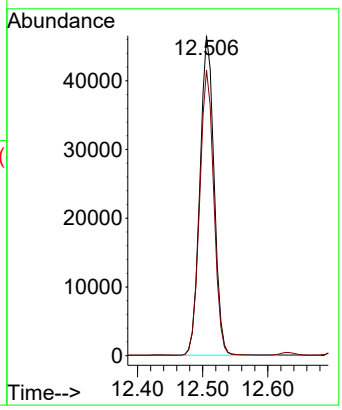


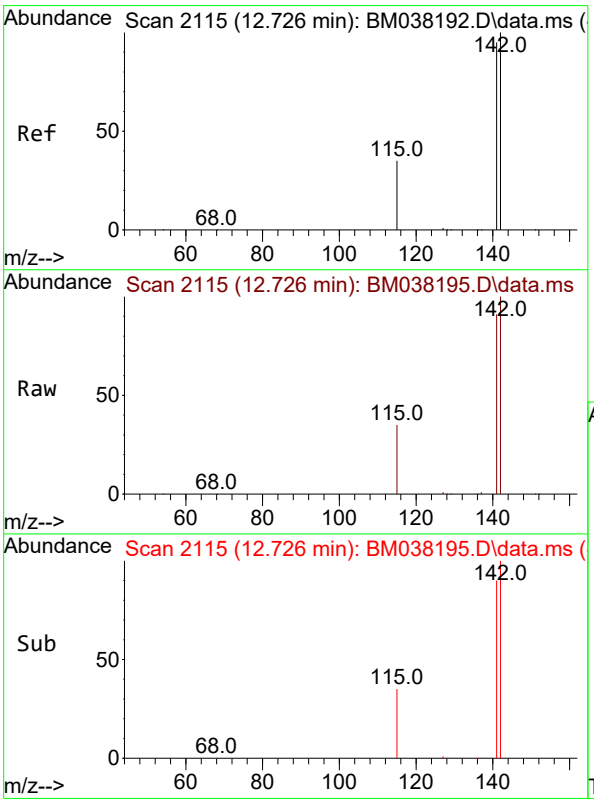
#7
2-Methylnaphthalene
Concen: 3.338 ng/ul
RT: 12.506 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 70179

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9

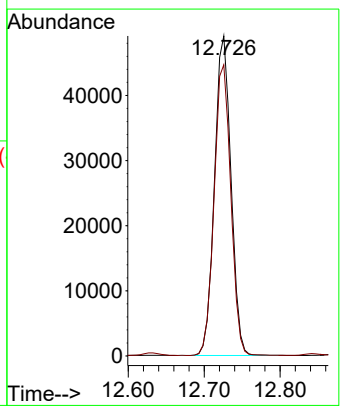


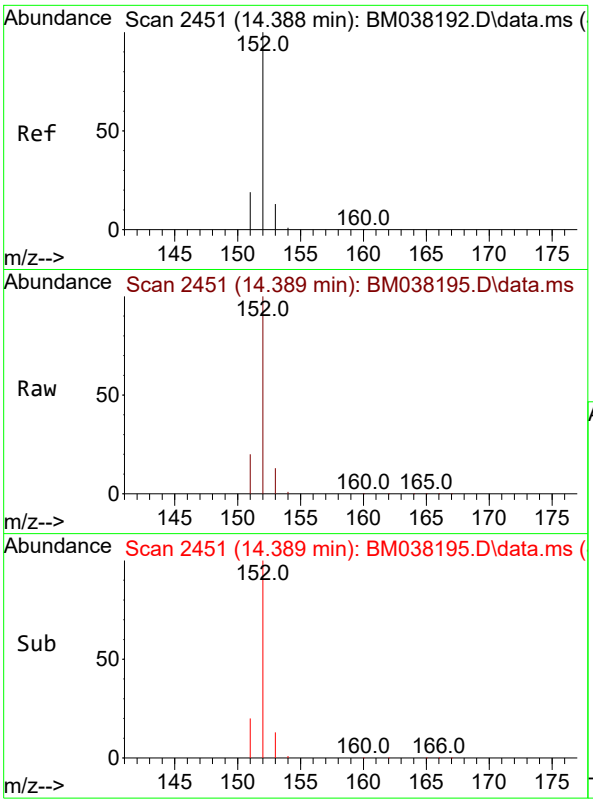


#8
1-Methylnaphthalene
Concen: 3.430 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Tgt Ion:142 Resp: 73802

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.7	112.1



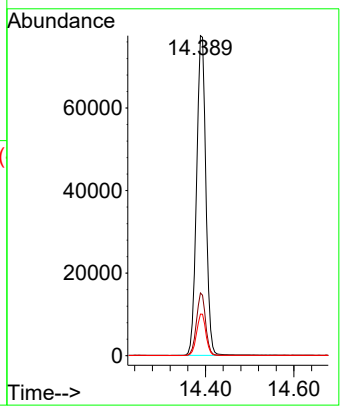


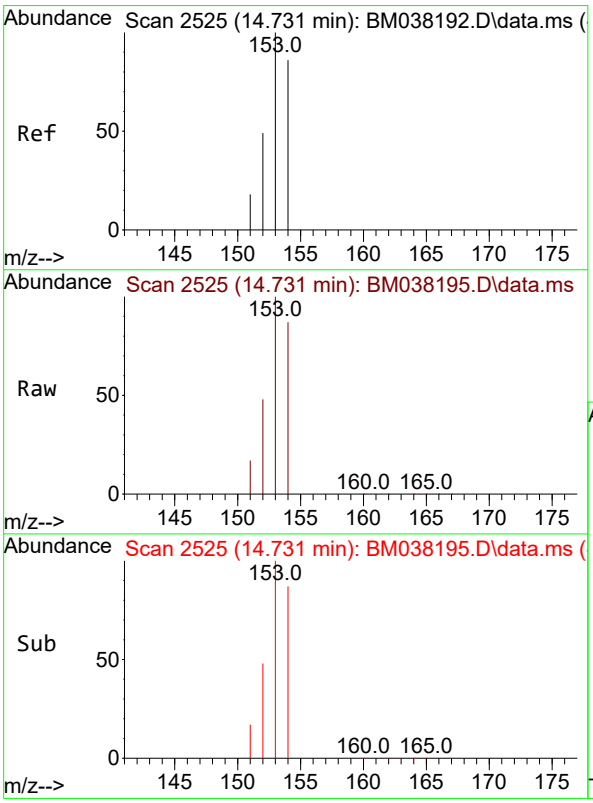
#10
Acenaphthylene
Concen: 3.518 ng/ul
RT: 14.389 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :

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

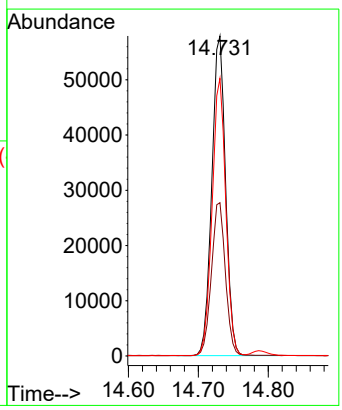


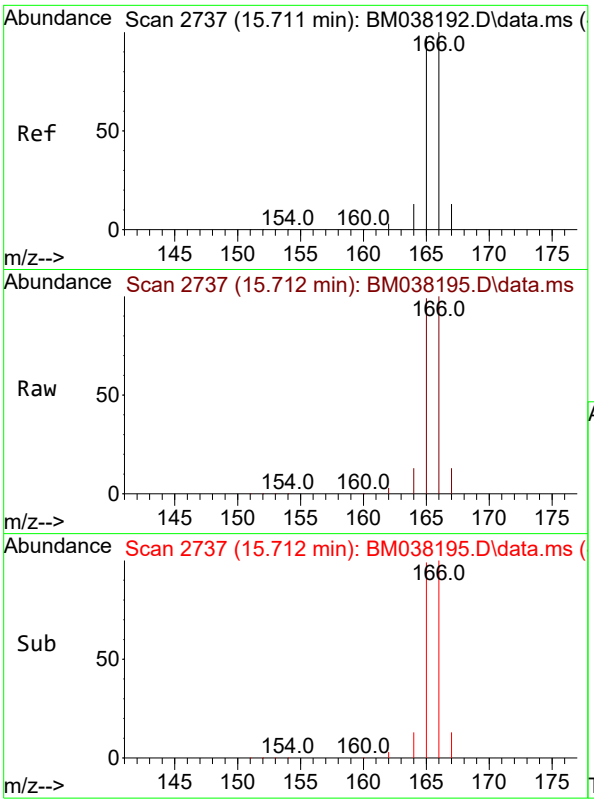


#11
Acenaphthene
Concen: 3.265 ng/ul
RT: 14.731 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

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



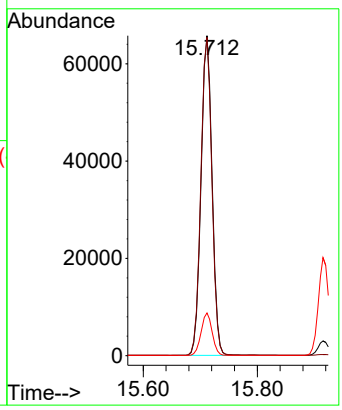


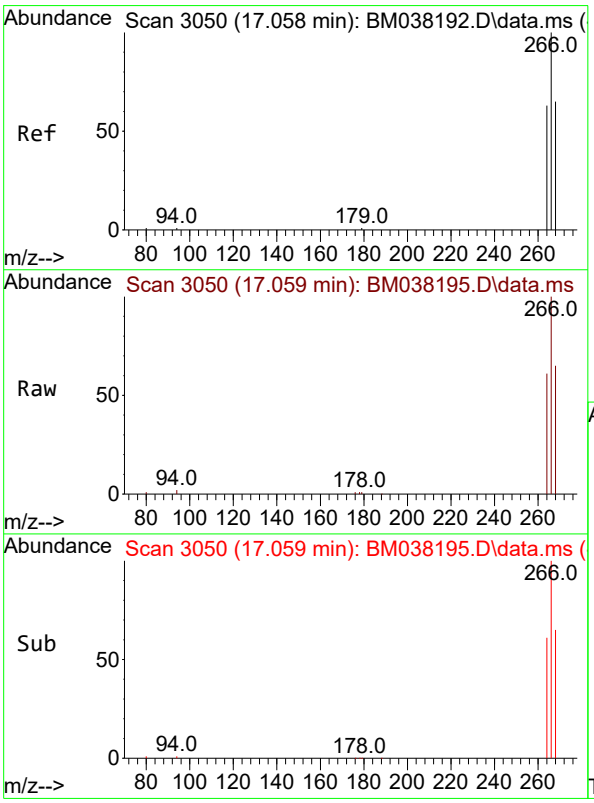
#12
Fluorene
Concen: 3.277 ng/ul
RT: 15.712 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :

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

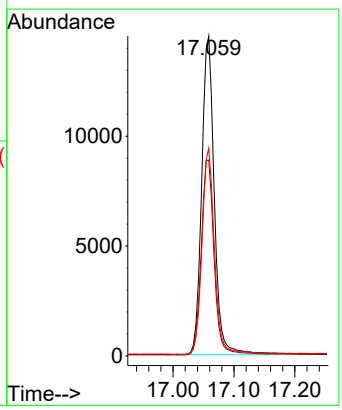


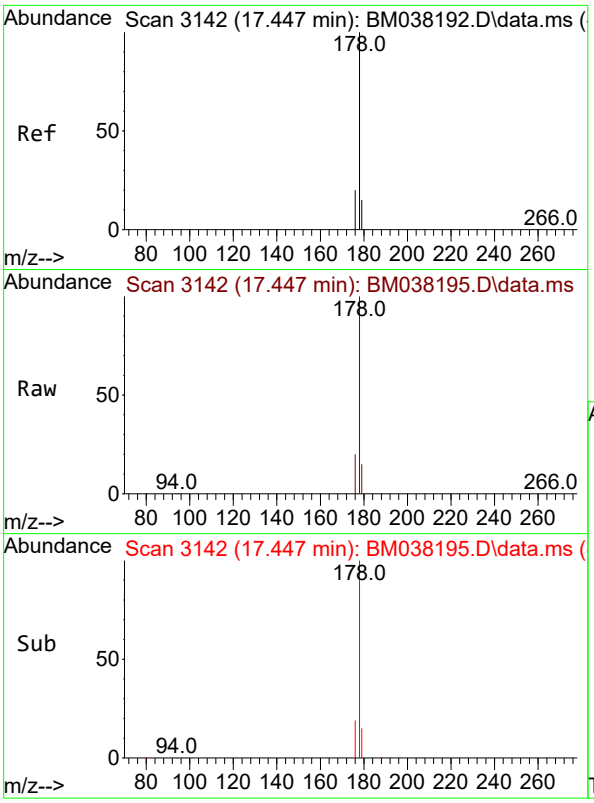


#14
Pentachlorophenol
Concen: 4.239 ng/ul
RT: 17.059 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

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



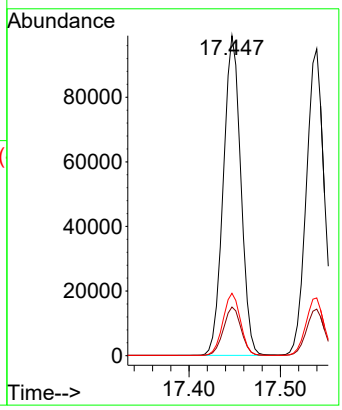


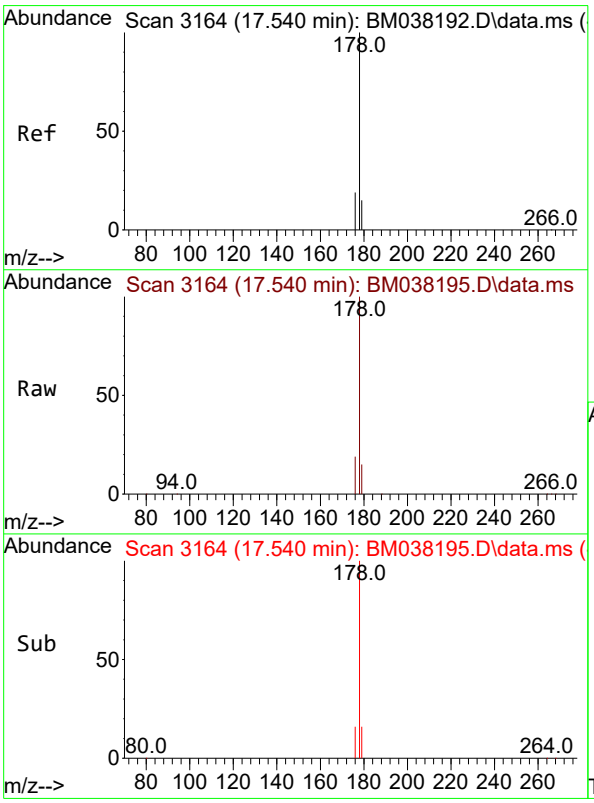
#15
Phenanthrene
Concen: 3.269 ng/ul
RT: 17.447 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :

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

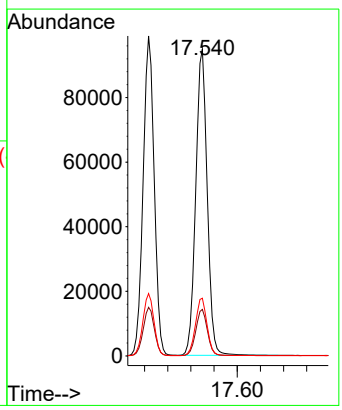


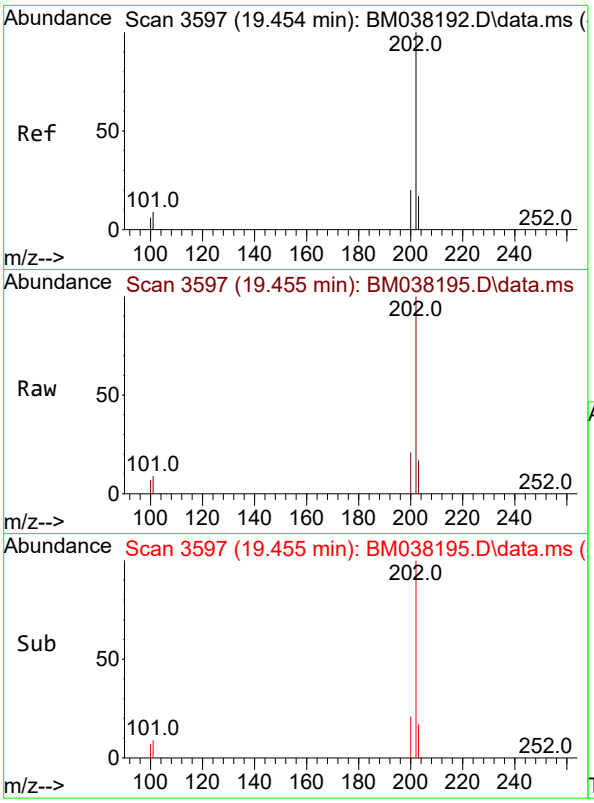


#16
Anthracene
Concen: 3.506 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

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



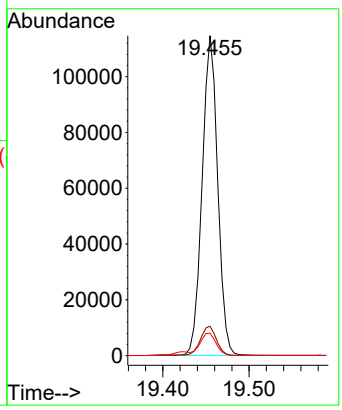


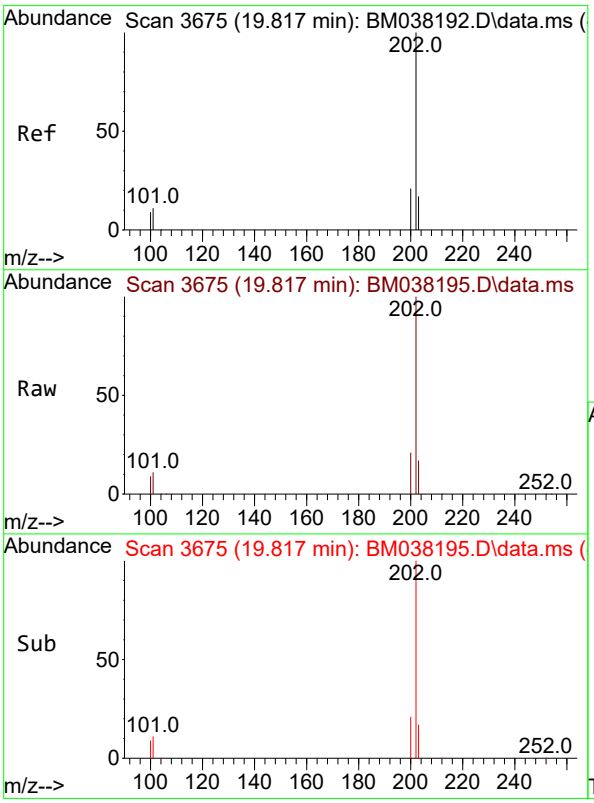
#19
Fluoranthene
Concen: 3.318 ng/ul
RT: 19.455 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :

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

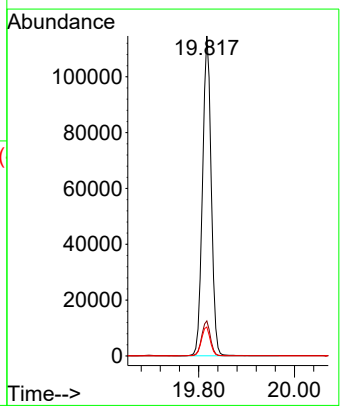


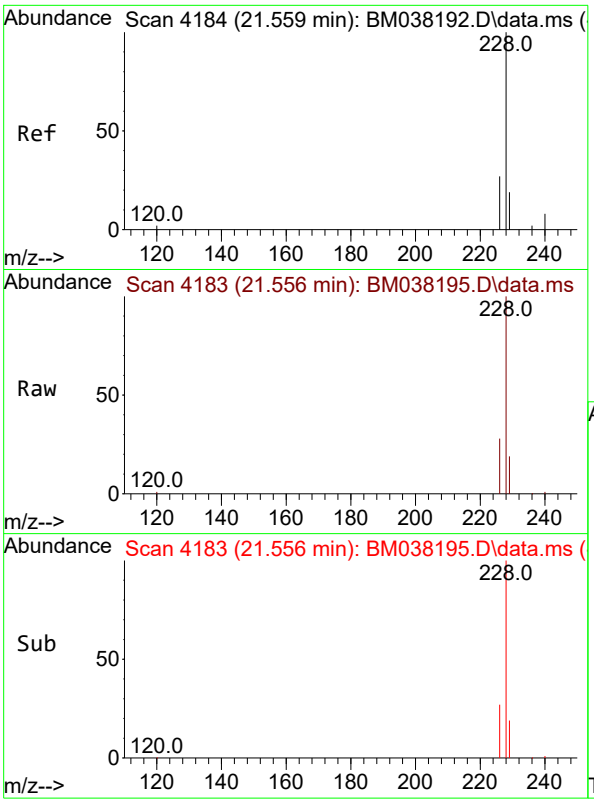


#20
Pyrene
Concen: 3.257 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

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



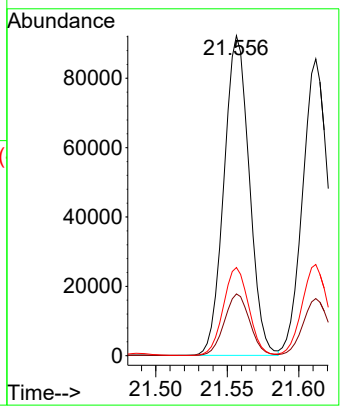


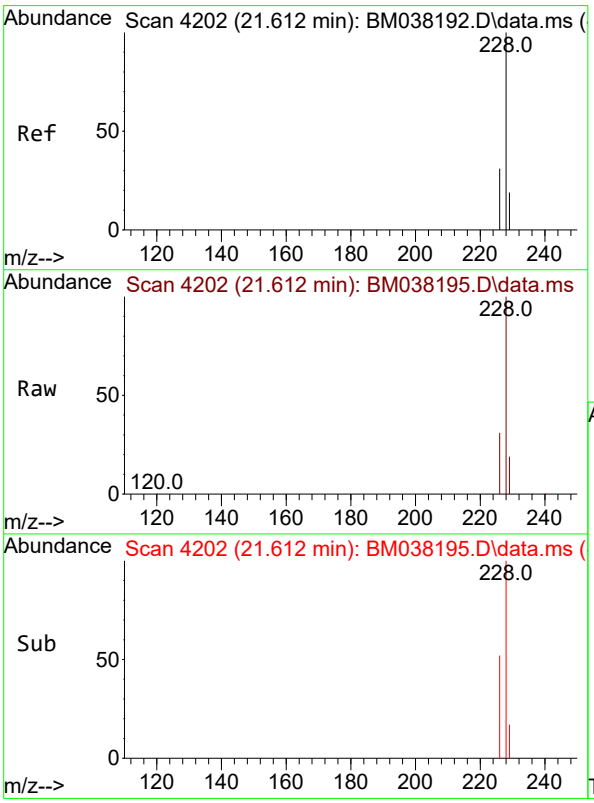
#21
Benzo(a)anthracene
Concen: 3.148 ng/ul
RT: 21.556 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :

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

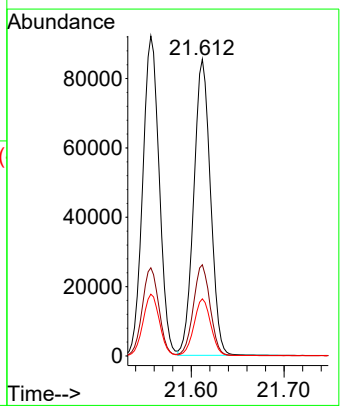


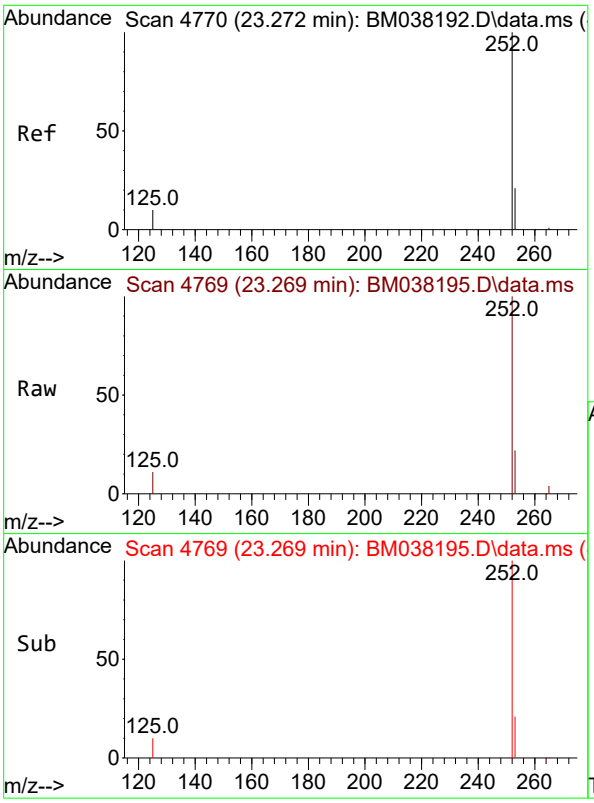


#22
Chrysene
Concen: 2.941 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

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



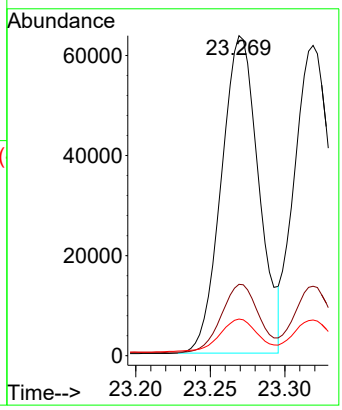


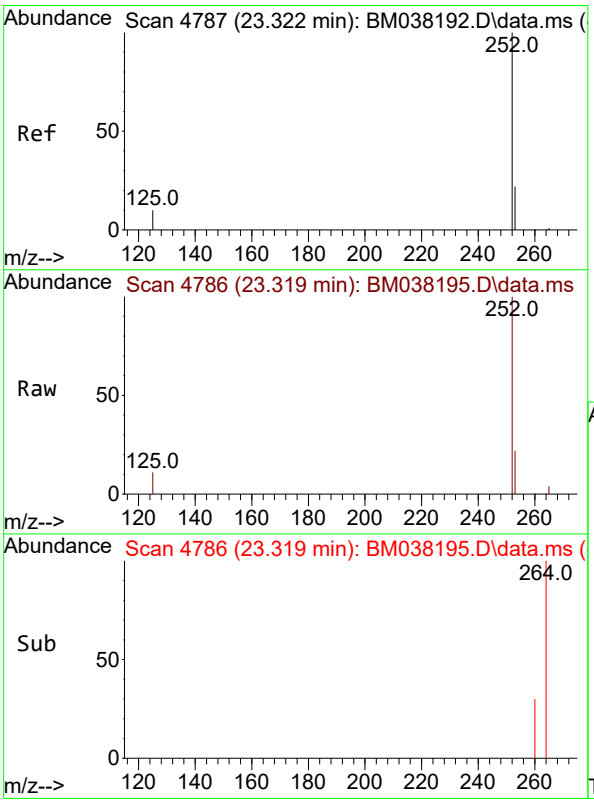
#24
Benzo(b)fluoranthene
Concen: 2.909 ng/ul
RT: 23.269 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :

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

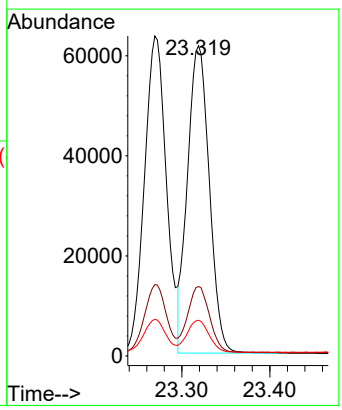


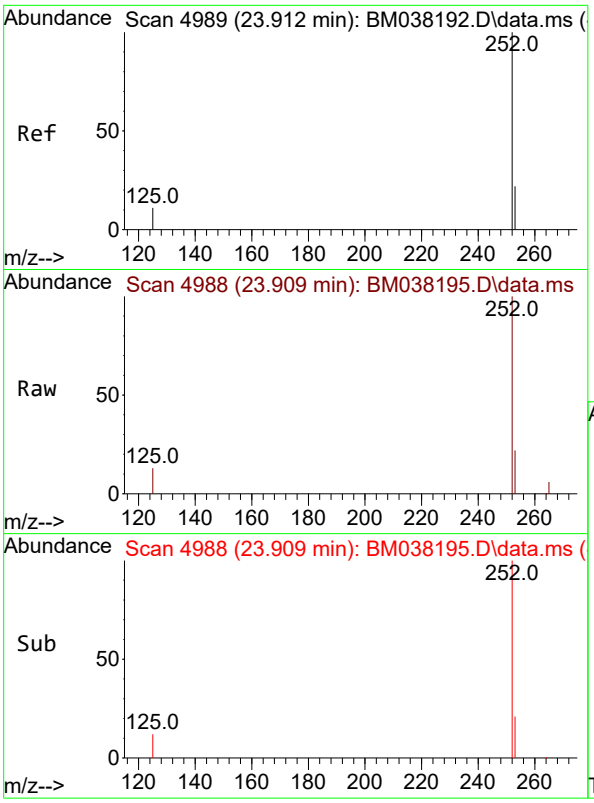


#25
Benzo(k)fluoranthene
Concen: 2.899 ng/ul
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

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#



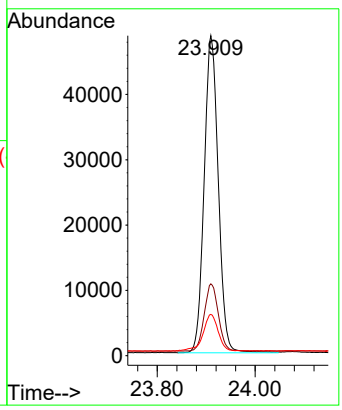


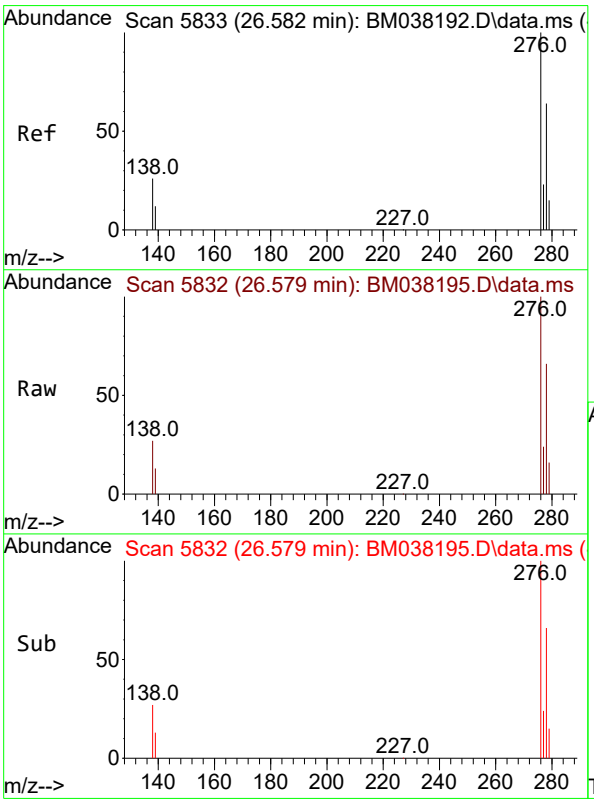
#26
Benzo(a)pyrene
Concen: 3.025 ng/ul
RT: 23.909 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :

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#

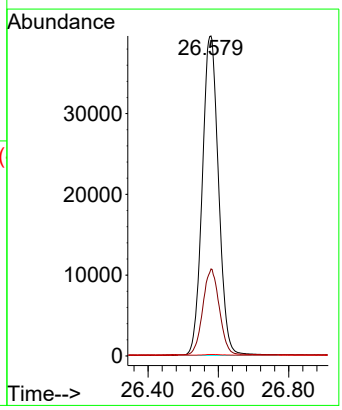


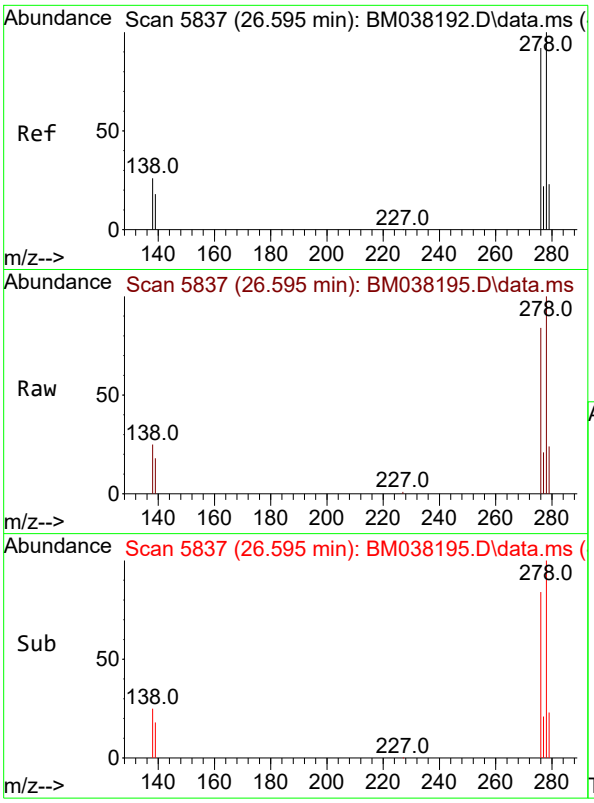


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.167 ng/ul
RT: 26.579 min Scan# 5832
Delta R.T. -0.003 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

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#



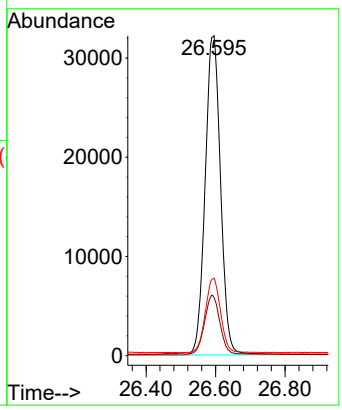


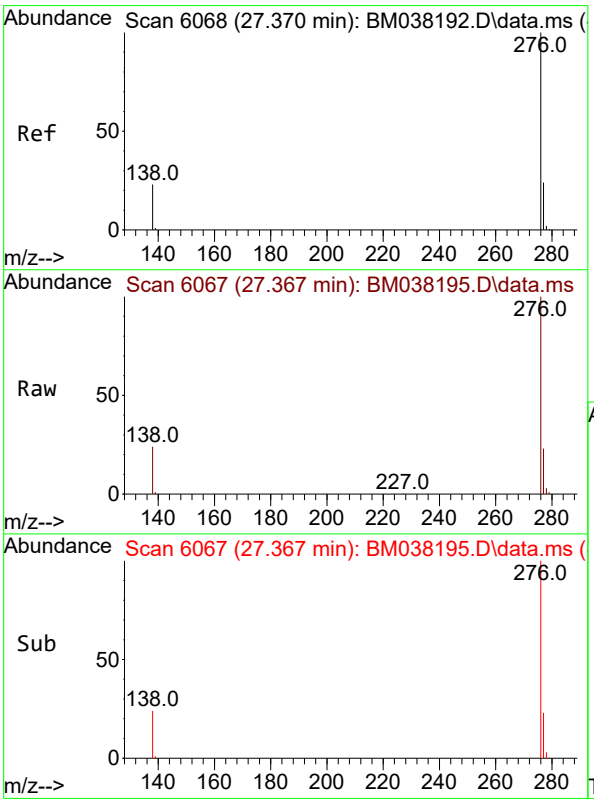
#28
Dibenzo(a,h)anthracene
Concen: 3.166 ng/ul
RT: 26.595 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM038195.D
Acq: 22 Dec 2022 13:02

Instrument :
BNA_M
ClientSampleId :

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