Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083022\
Data File : BM036458.D
Acq On : 29 Aug 2022 17:40
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV021

Quant Time: Aug 30 14:02:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 17:45:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.746	152	3380	0.400 ng/ul	0.00
4) Naphthalene-d8	10.539	136	12970	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.390	164	7346	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.136	188	15717	0.400 ng/ul	0.00
17) Chrysene-d12	21.318	240	13485	0.400 ng/ul	0.00
23) Perylene-d12	23.619	264	11549	0.400 ng/ul	# 0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.143	96	2098	0.427 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.139	152	8464	0.418 ng/ul	0.00
18) Fluoranthene-d10	19.163	212	17188	0.410 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.176	88	1941	0.416 ng/ul#	82
5) Naphthalene	10.589	128	15486	0.436 ng/ul	98
7) 2-Methylnaphthalene	12.216	142	9848	0.453 ng/ul	95
8) 1-Methylnaphthalene	12.431	142	9484	0.429 ng/ul	100
10) Acenaphthylene	14.112	152	13426	0.481 ng/ul	99
11) Acenaphthene	14.450	153	10928	0.443 ng/ul	100
12) Fluorene	15.440	166	12123	0.442 ng/ul	98
14) Pentachlorophenol	16.802	266	1178	0.416 ng/ul	98
15) Phenanthrene	17.174	178	20083	0.438 ng/ul	99
16) Anthracene	17.271	178	16809	0.436 ng/ul	99
19) Fluoranthene	19.196	202	21442	0.442 ng/ul	99
20) Pyrene	19.558	202	22115	0.442 ng/ul	100
21) Benzo(a)anthracene	21.304	228	17980	0.441 ng/ul	99
22) Chrysene	21.356	228	20479	0.450 ng/ul	99
24) Benzo(b)fluoranthene	22.914	252	21597	0.470 ng/ul	92
25) Benzo(k)fluoranthene	22.961	252	20572	0.448 ng/ul#	90
26) Benzo(a)pyrene	23.513	252	19001	0.505 ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.984	276	21510	0.481 ng/ul#	100
28) Dibenzo(a,h)anthracene	26.004	278	17762	0.463 ng/ul#	90
29) Benzo(g,h,i)perylene	26.715	276	19404	0.455 ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083022\
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Misc :
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Instrument :
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Quant Time: Aug 30 14:02:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 17:45:20 2022
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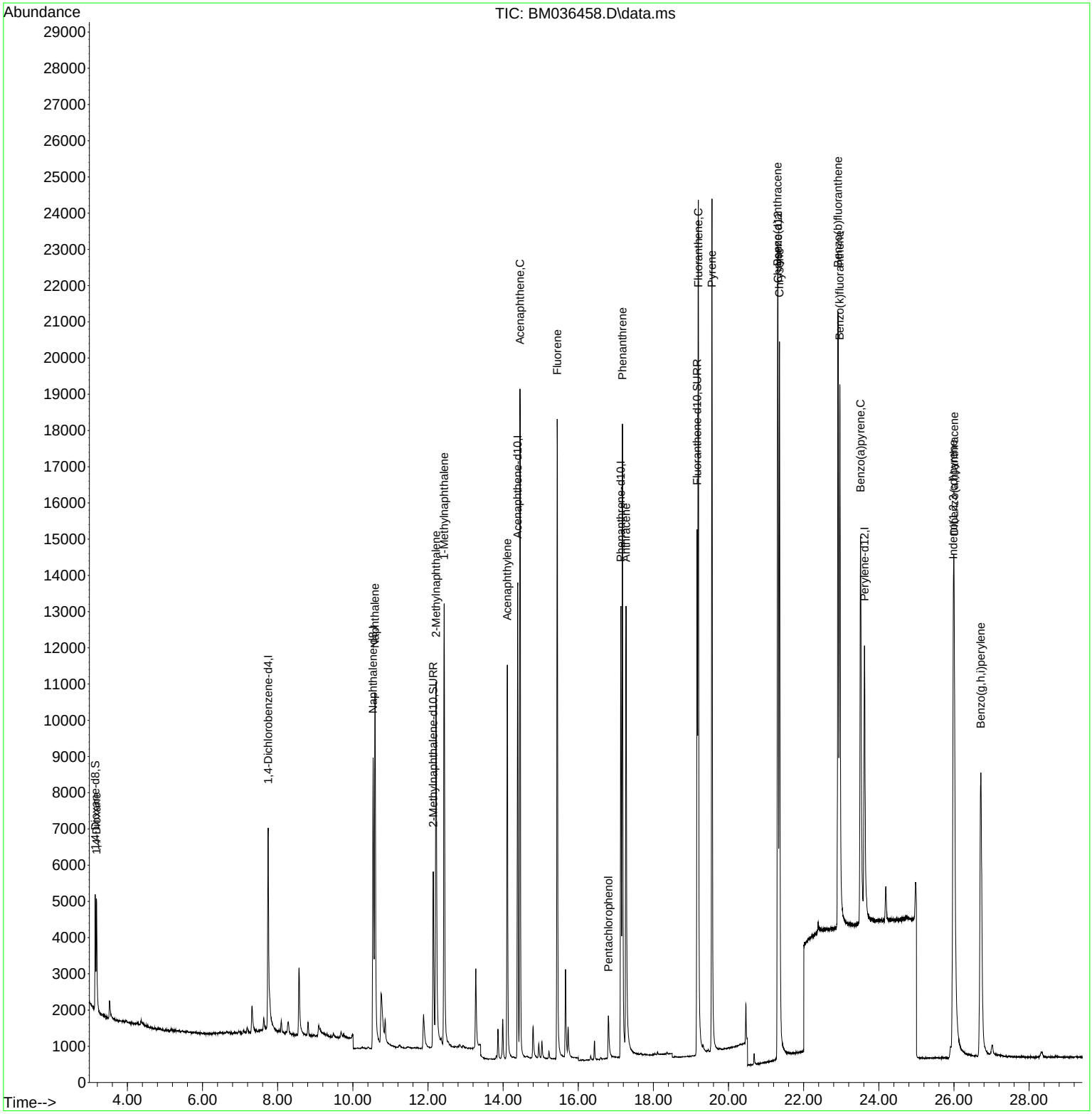
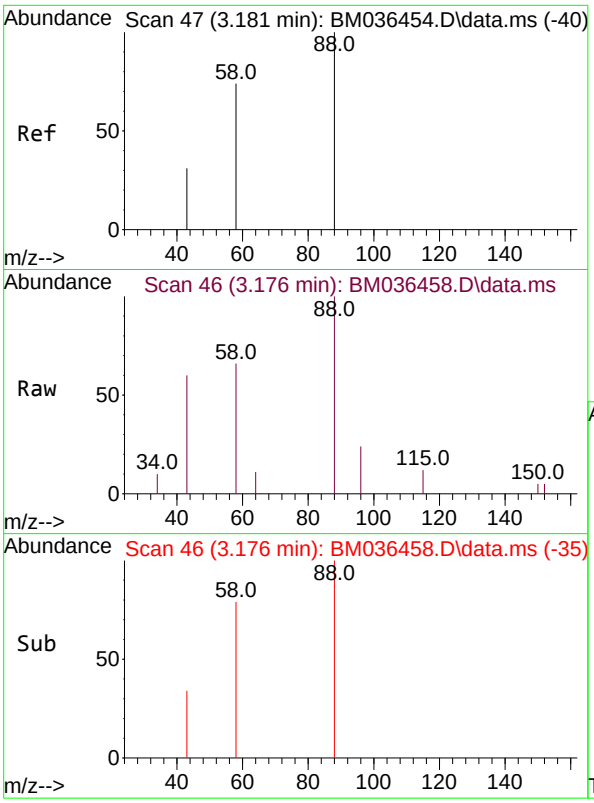


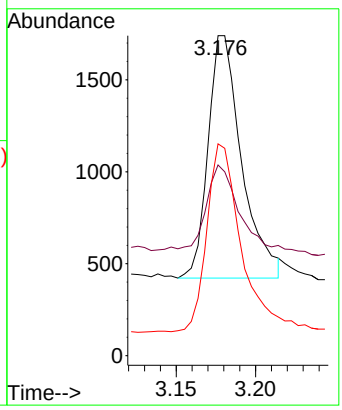


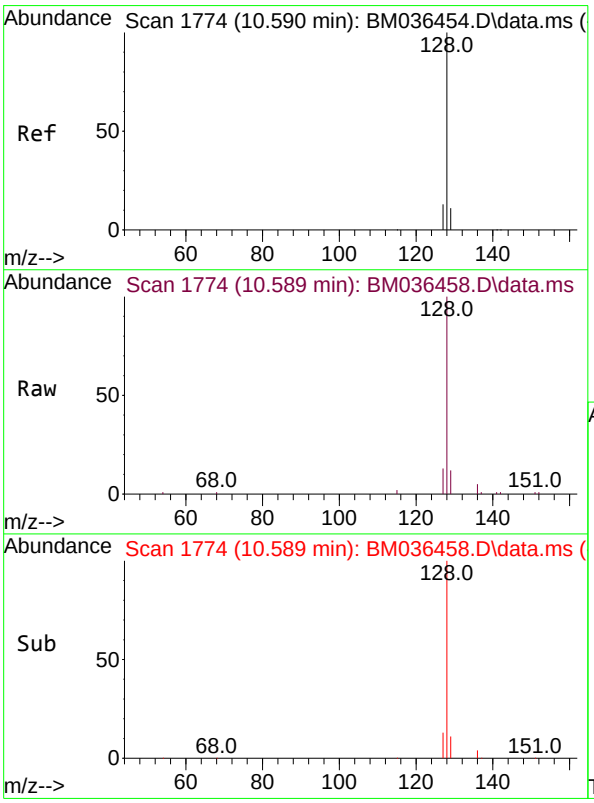
#2
1,4-Dioxane
Concen: 0.416 ng/ul
RT: 3.176 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion: 88 Resp: 1941

Ion	Ratio	Lower	Upper
88	100		
43	59.6	37.8	56.6#
58	66.2	42.6	63.8#

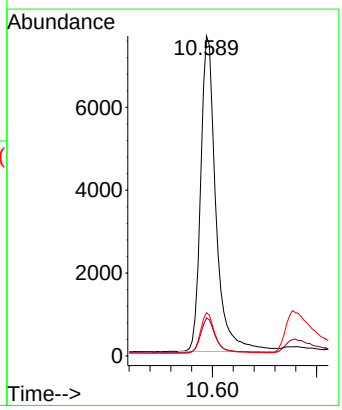


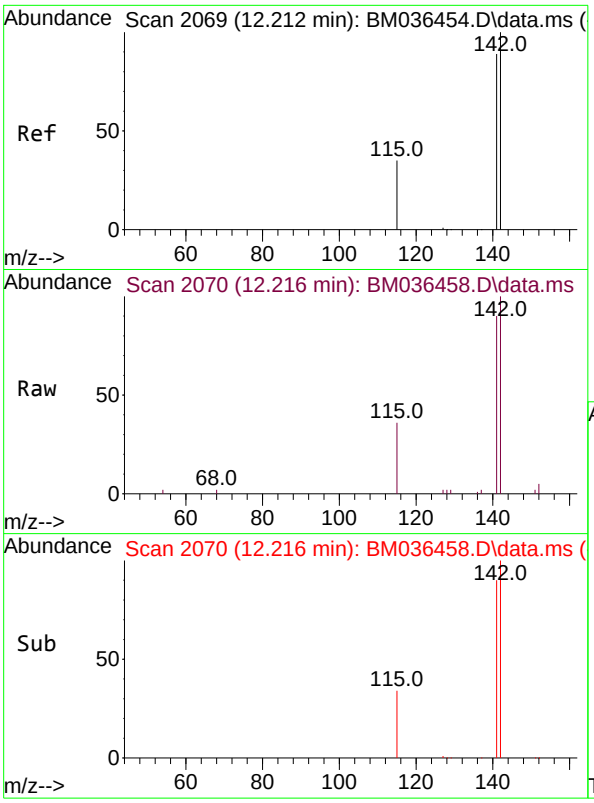


#5
Naphthalene
Concen: 0.436 ng/ul
RT: 10.589 min Scan# 1774
Delta R.T. -0.001 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Tgt Ion:128 Resp: 15486

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.2	15.2
127	13.5	11.7	17.5



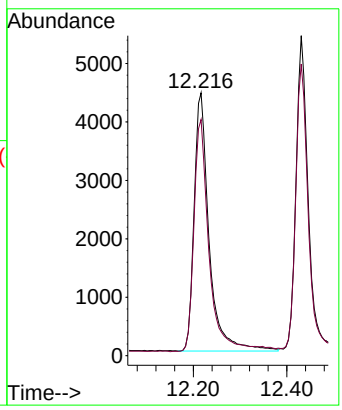


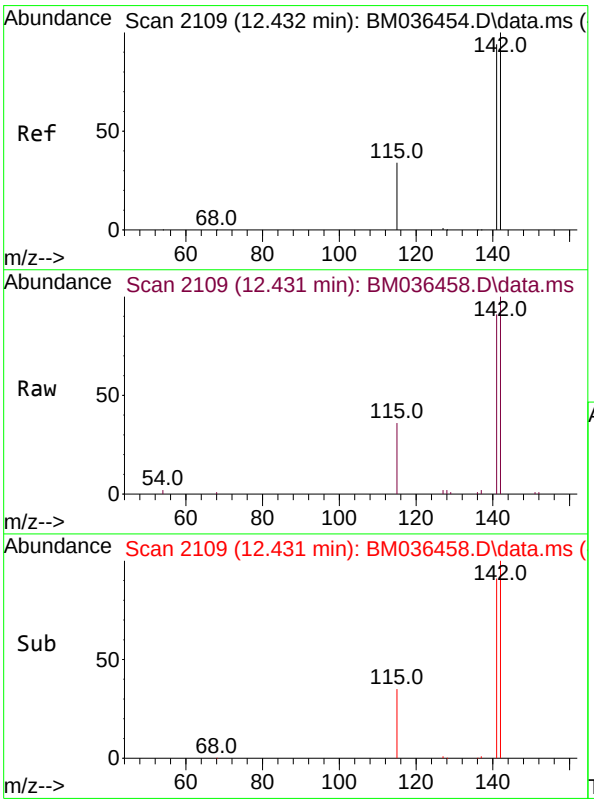
#7
2-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.216 min Scan# 2
Delta R.T. 0.004 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:142 Resp: 9848

Ion	Ratio	Lower	Upper
142	100		
141	91.6	77.4	116.0

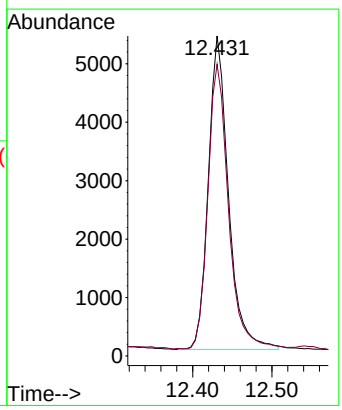


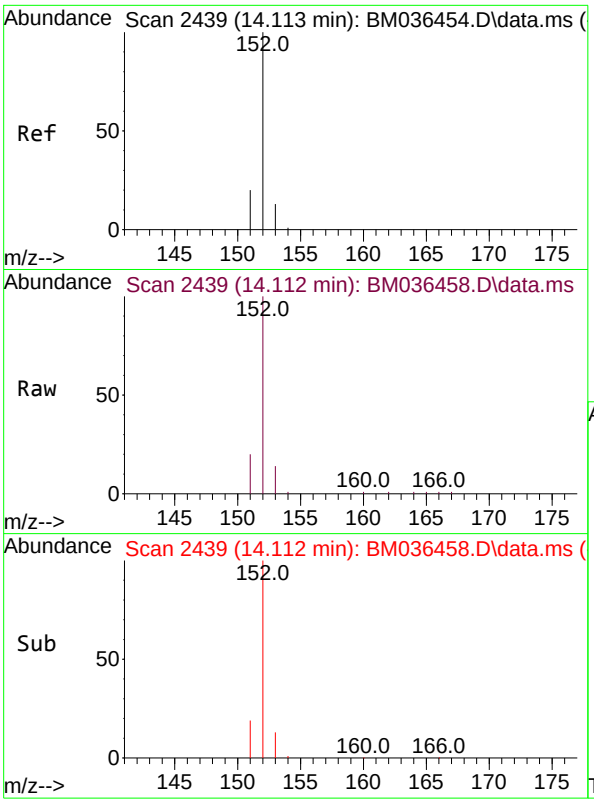


#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.431 min Scan# 2109
Delta R.T. -0.001 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Tgt Ion:142 Resp: 9484

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.1	111.1



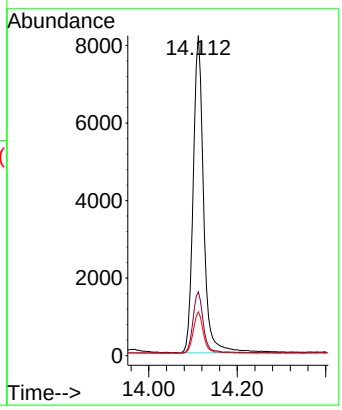


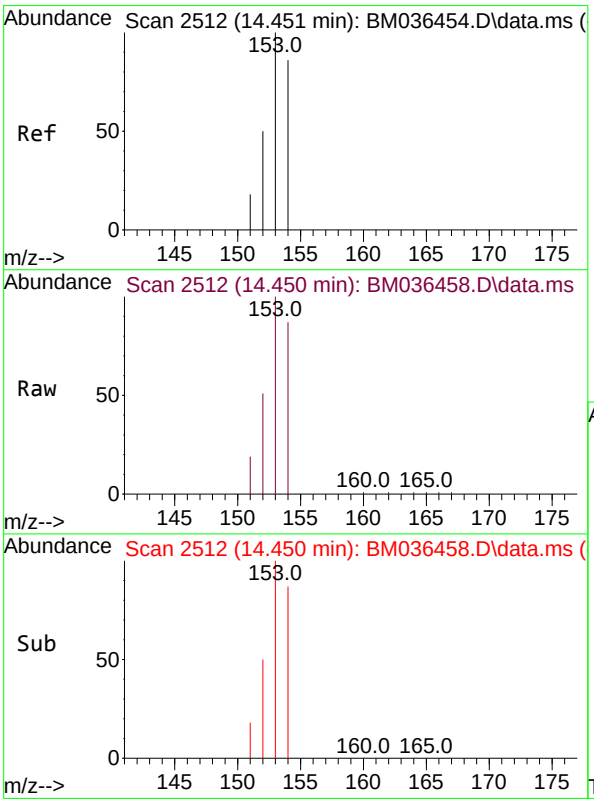
#10
Acenaphthylene
Concen: 0.481 ng/ul
RT: 14.112 min Scan# 24
Delta R.T. -0.001 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:152 Resp: 13426

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.6	24.8
153	13.7	11.4	17.0

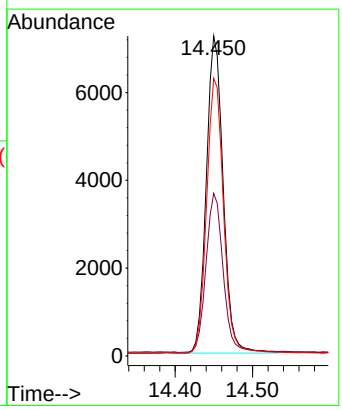


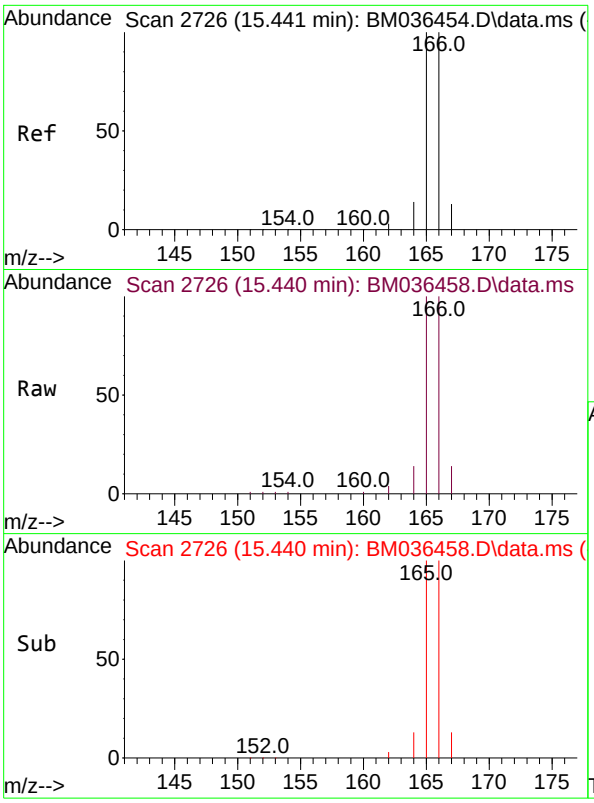


#11
Acenaphthene
Concen: 0.443 ng/ul
RT: 14.450 min Scan# 2512
Delta R.T. -0.001 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Tgt Ion:153 Resp: 10928

Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.2	60.4
154	86.8	69.7	104.5



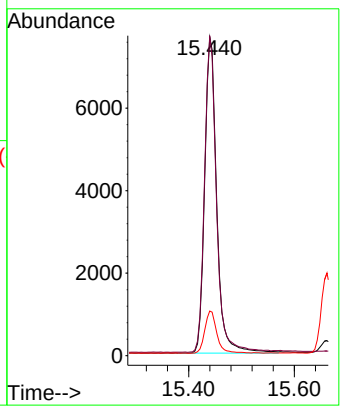


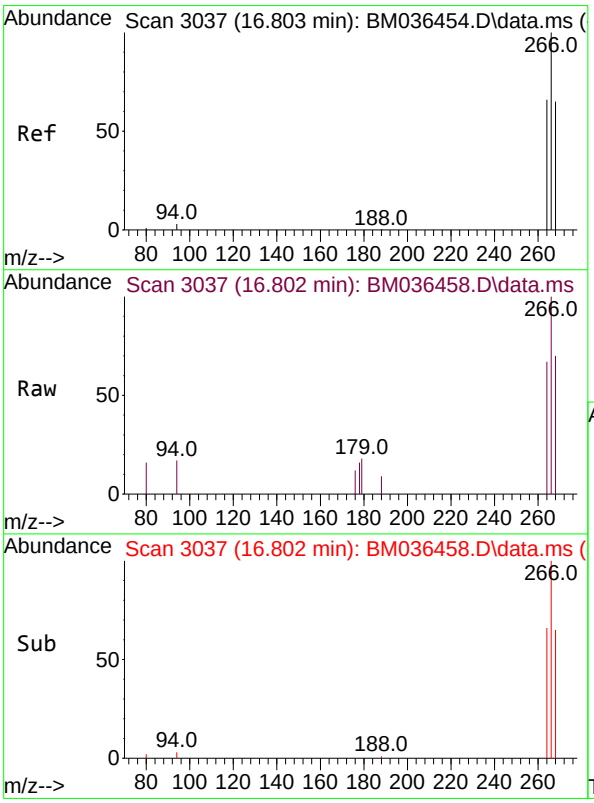
#12
Fluorene
Concen: 0.442 ng/ul
RT: 15.440 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:166 Resp: 12123

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.9	118.3
167	14.0	11.3	16.9

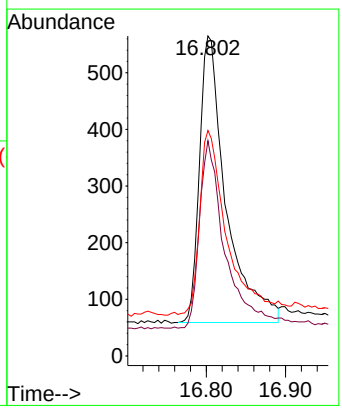


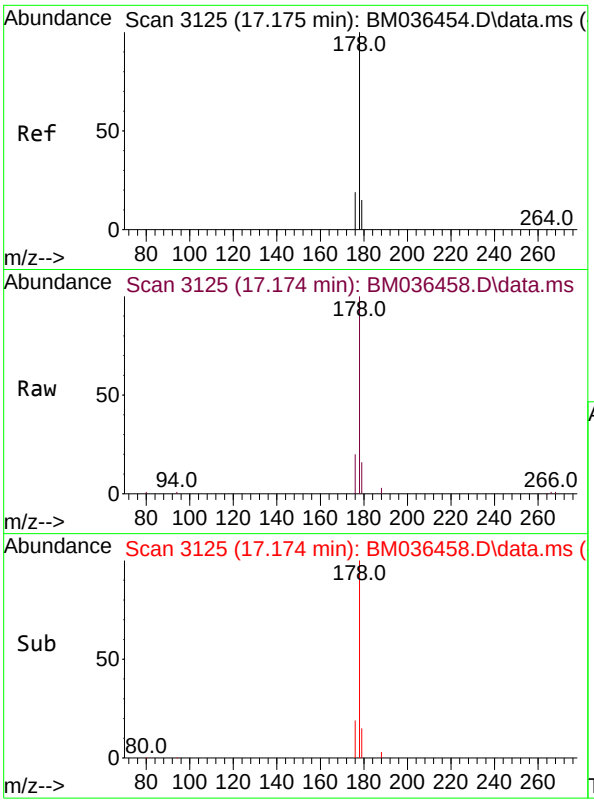


#14
Pentachlorophenol
Concen: 0.416 ng/ul
RT: 16.802 min Scan# 3037
Delta R.T. -0.001 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Tgt Ion:266 Resp: 1178

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.3	75.5
268	64.7	53.5	80.3



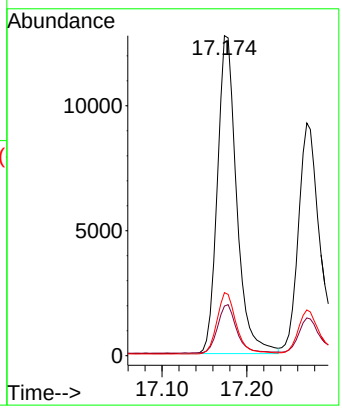


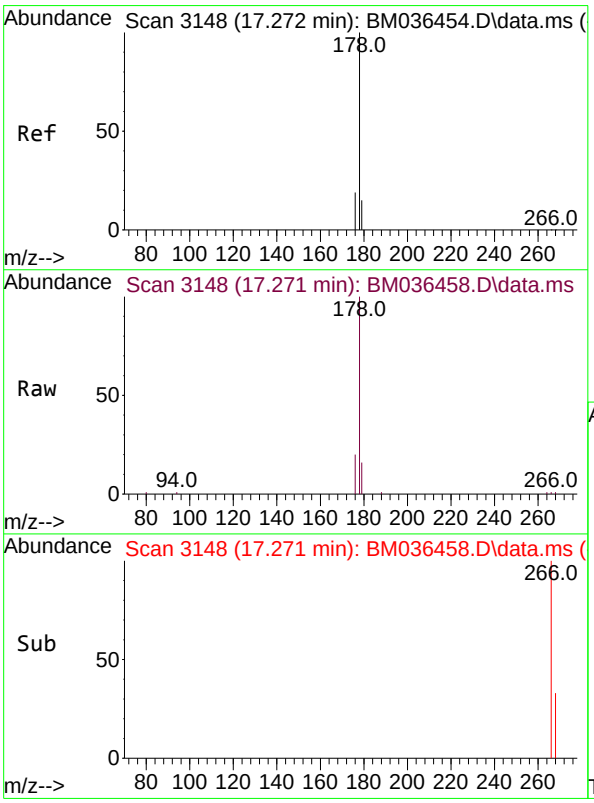
#15
Phenanthrene
Concen: 0.438 ng/ul
RT: 17.174 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:178 Resp: 20083

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	19.7	15.6	23.4

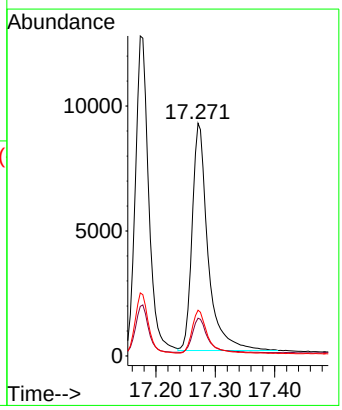


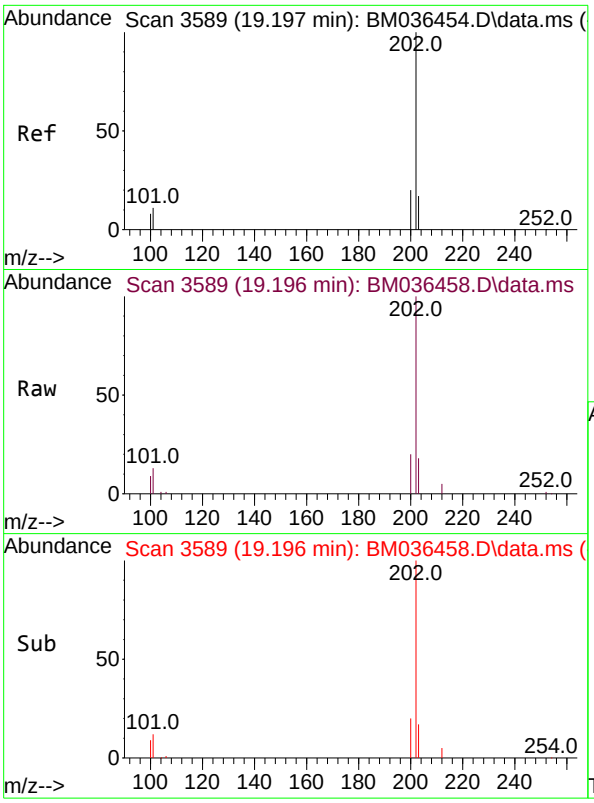


#16
Anthracene
Concen: 0.436 ng/ul
RT: 17.271 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Tgt Ion:178 Resp: 16809

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.6	20.4
176	19.7	15.6	23.4



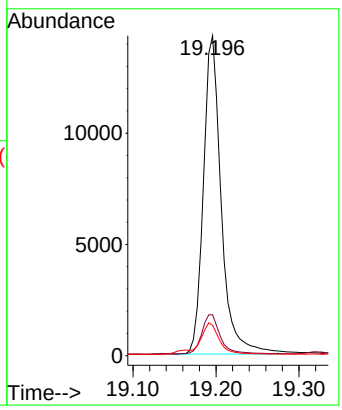


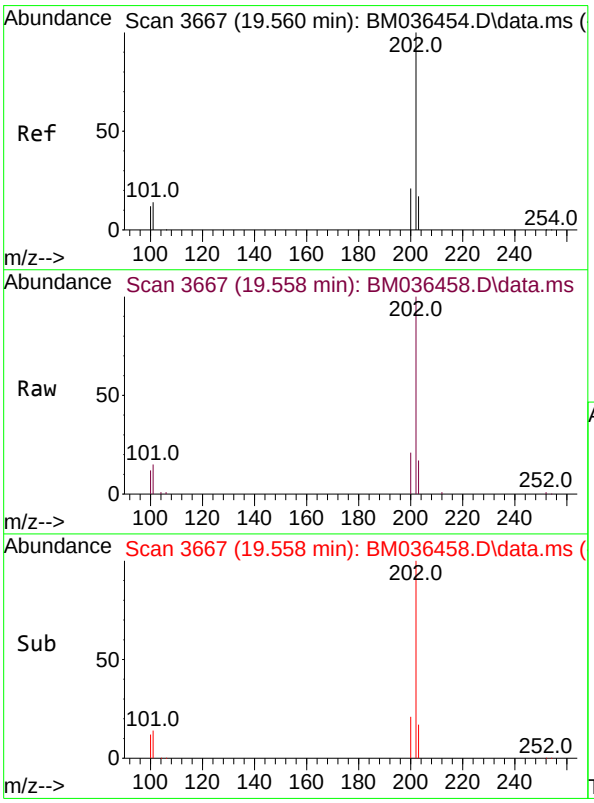
#19
Fluoranthene
Concen: 0.442 ng/ul
RT: 19.196 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:202 Resp: 21442

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
100	9.5	7.9	11.9

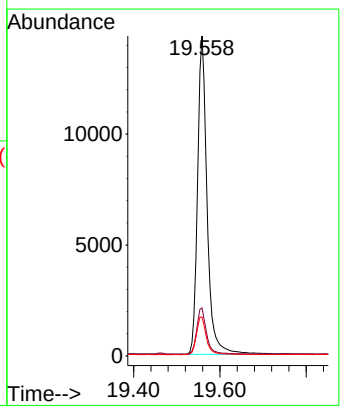


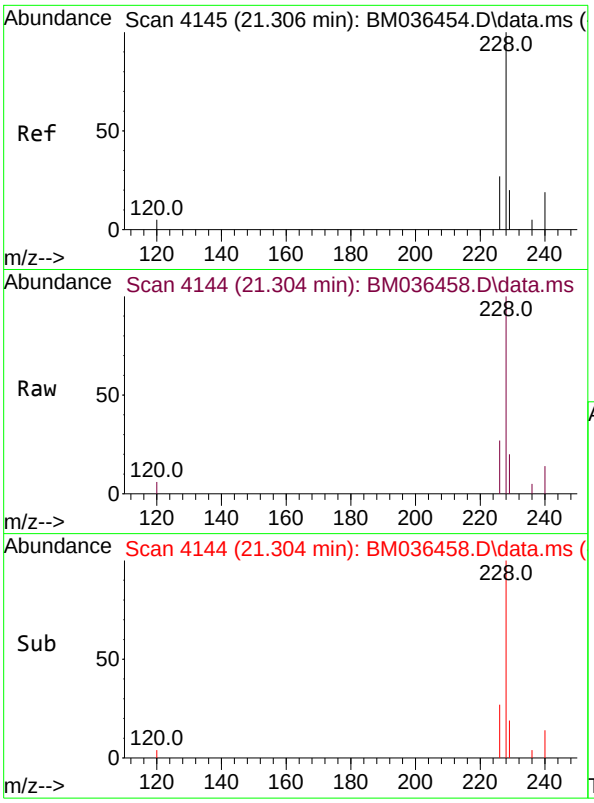


#20
Pyrene
Concen: 0.442 ng/ul
RT: 19.558 min Scan# 3667
Delta R.T. -0.001 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Tgt Ion:202 Resp: 22115

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.0	18.0
100	12.1	9.8	14.6



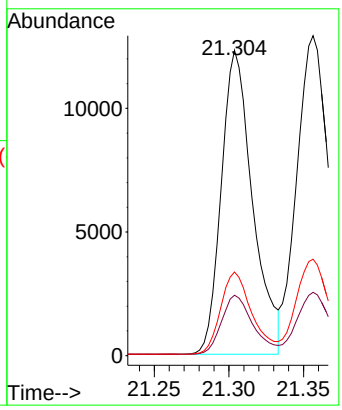


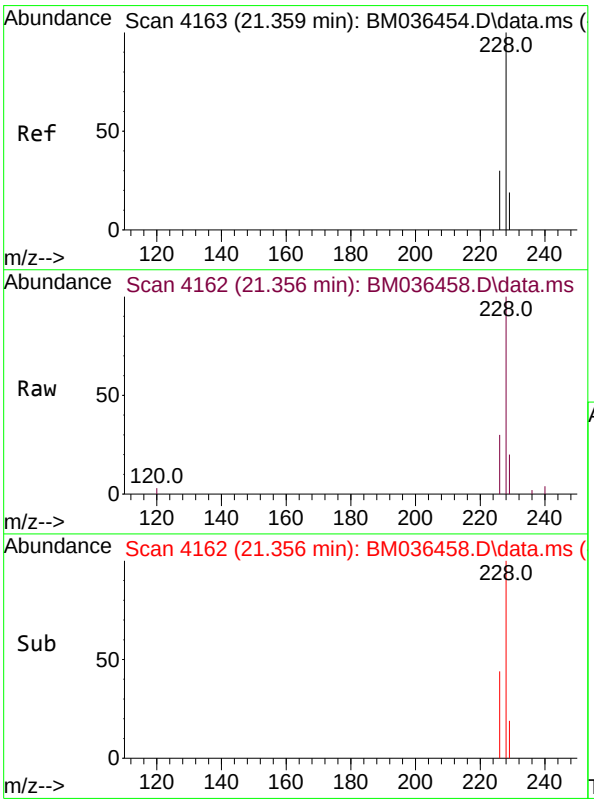
#21
Benzo(a)anthracene
Concen: 0.441 ng/ul
RT: 21.304 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:228 Resp: 17980

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.2	24.2
226	27.4	22.5	33.7

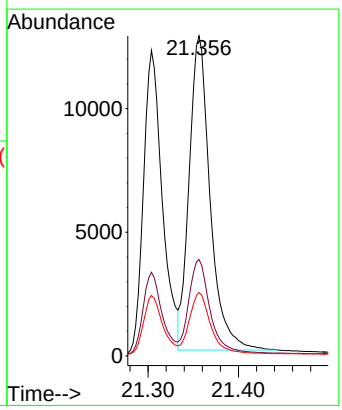


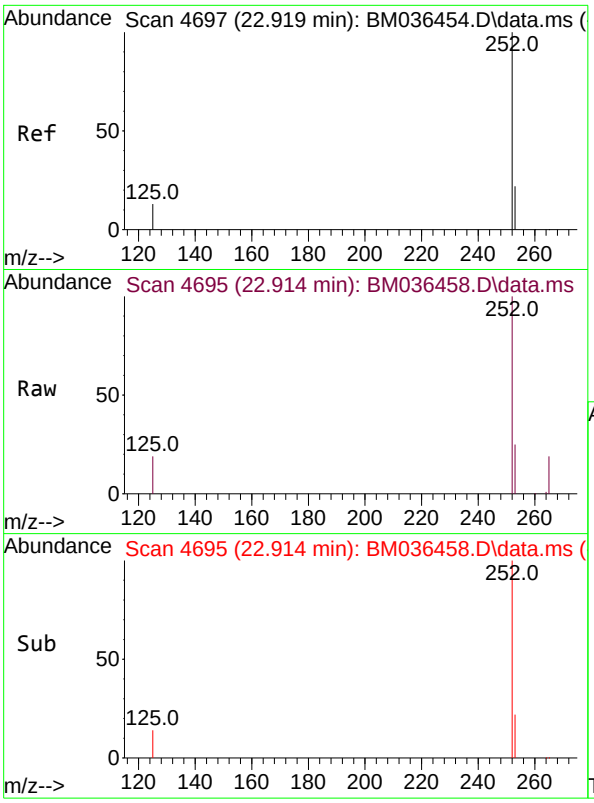


#22
Chrysene
Concen: 0.450 ng/ul
RT: 21.356 min Scan# 4162
Delta R.T. -0.003 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Tgt Ion:228 Resp: 20479

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.8	16.4	24.6



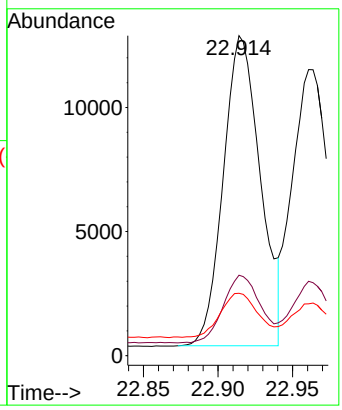


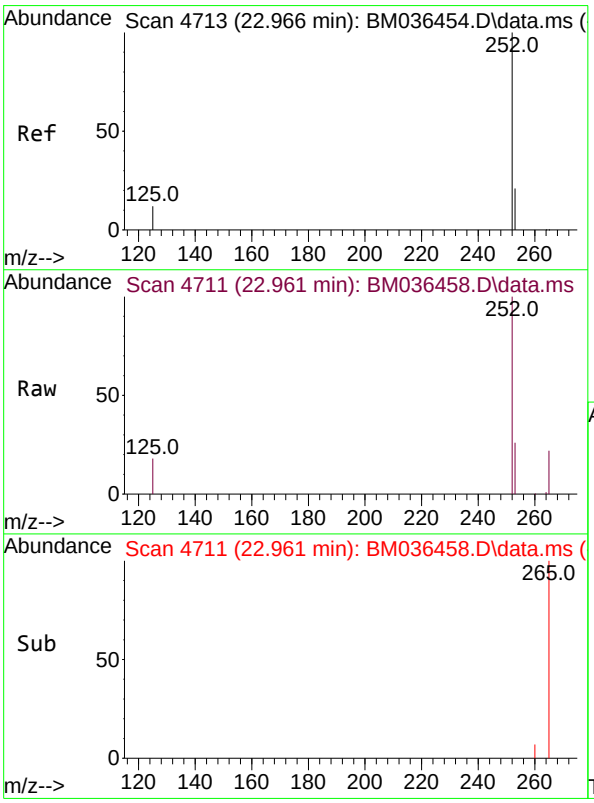
#24
Benzo(b)fluoranthene
Concen: 0.470 ng/ul
RT: 22.914 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:252 Resp: 21597

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	61.4
125	19.5	0.0	42.6

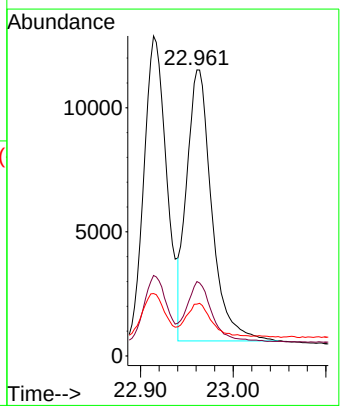


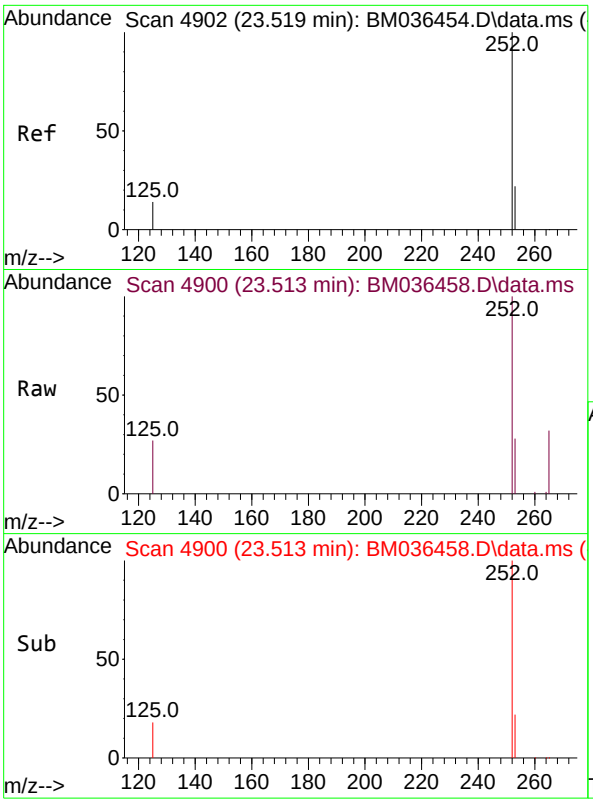


#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul
RT: 22.961 min Scan# 4711
Delta R.T. -0.006 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Tgt Ion:252 Resp: 20572

Ion	Ratio	Lower	Upper
252	100		
253	26.0	25.2	37.8
125	18.1	18.3	27.5#



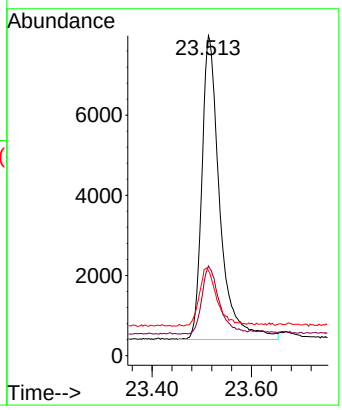


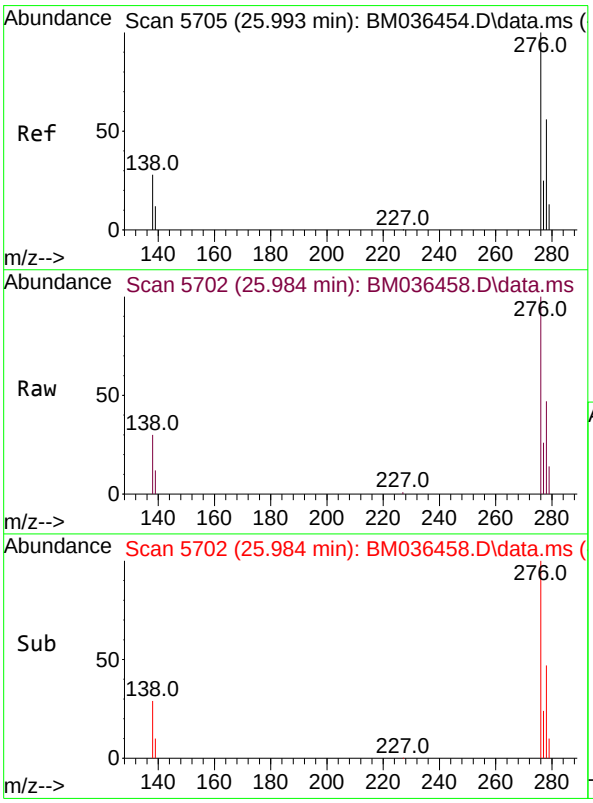
#26
Benzo(a)pyrene
Concen: 0.505 ng/ul
RT: 23.513 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:252 Resp: 19001

Ion	Ratio	Lower	Upper
252	100		
253	28.0	29.7	44.5#
125	26.5	23.6	35.4

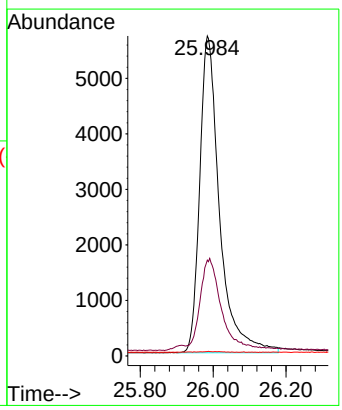


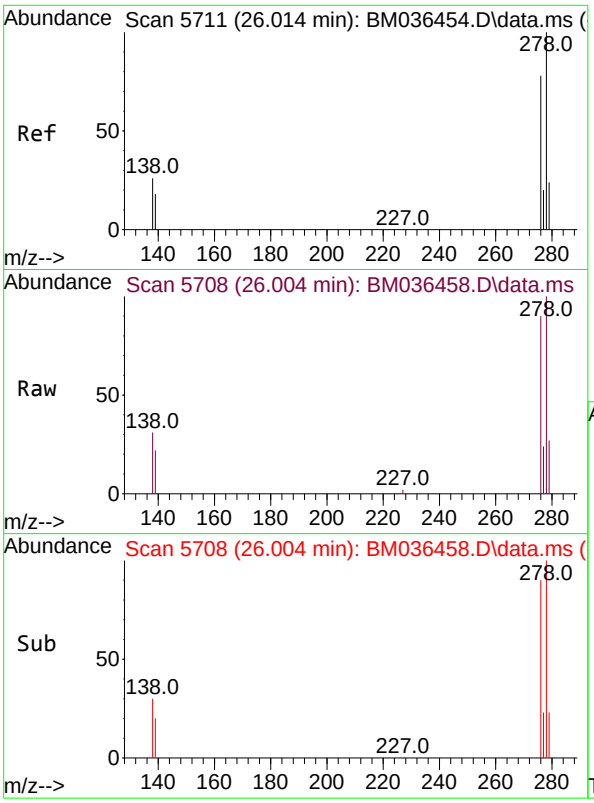


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.481 ng/ul
RT: 25.984 min Scan# 5702
Delta R.T. -0.010 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Tgt Ion:276 Resp: 21510

Ion	Ratio	Lower	Upper
276	100		
138	30.1	23.9	35.9
227	0.0	0.1	0.1#



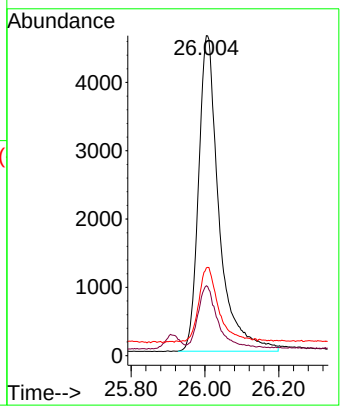


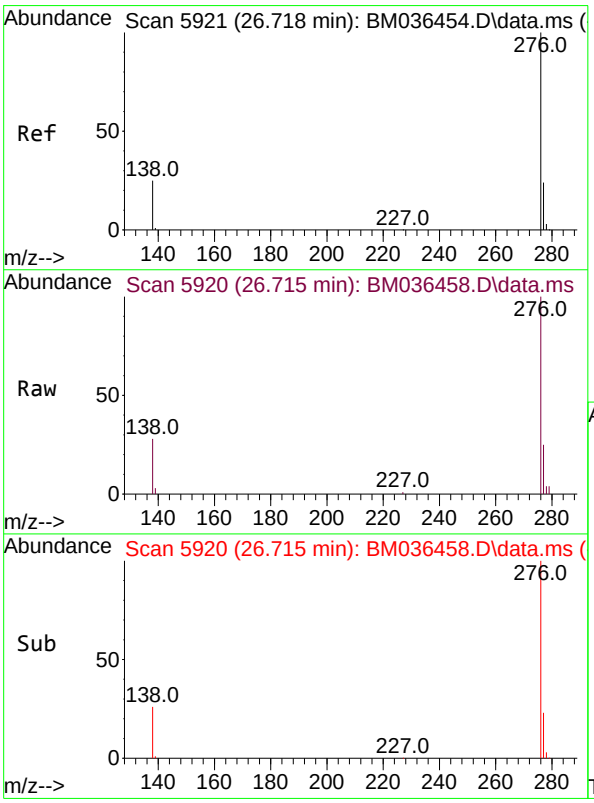
#28
Dibenzo(a,h)anthracene
Concen: 0.463 ng/ul
RT: 26.004 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Instrument :
BNA_M
ClientSampleId :
SICV021

Tgt Ion:278 Resp: 17762

Ion	Ratio	Lower	Upper
278	100		
139	21.8	19.8	29.6
279	27.4	27.7	41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.455 ng/ul
RT: 26.715 min Scan# 5920
Delta R.T. -0.003 min
Lab File: BM036458.D
Acq: 29 Aug 2022 17:40

Tgt Ion:276 Resp: 19404

Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.4	35.0
277	24.8	21.0	31.4