Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
Data File : BM036423.D
Acq On : 26 Aug 2022 13:16
Operator : CG/JU
Sample : SSTD1.660
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Quant Time: Aug 26 14:20:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 13:25:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	4475	0.400	ng/ul	0.00
4) Naphthalene-d8	10.589	136	17688	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.431	164	10644	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.174	188	23527	0.400	ng/ul	0.00
17) Chrysene-d12	21.359	240	44270	0.400	ng/ul	# 0.00
23) Perylene-d12	23.689	264	24213	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	9018	1.485	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	44322	1.600	ng/ul	0.00
18) Fluoranthene-d10	19.205	212	102325	0.686	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.238	88	8789	1.463	ng/ul#	82
5) Naphthalene	10.638	128	71037	1.314	ng/ul	96
7) 2-Methylnaphthalene	12.255	142	46689	1.378	ng/ul	93
8) 1-Methylnaphthalene	12.475	142	47498	1.483	ng/ul	99
10) Acenaphthylene	14.154	152	65851	1.179	ng/ul	97
11) Acenaphthene	14.492	153	52544	1.222	ng/ul	100
12) Fluorene	15.482	166	60770	1.227	ng/ul	100
14) Pentachlorophenol	16.840	266	7070	1.903	ng/ul	98
15) Phenanthrene	17.216	178	100015	1.173	ng/ul	99
16) Anthracene	17.309	178	92476	1.306	ng/ul	98
19) Fluoranthene	19.233	202	127556	0.575	ng/ul	97
20) Pyrene	19.596	202	131214	0.528	ng/ul	97
21) Benzo(a)anthracene	21.345	228	133793	0.874	ng/ul	98
22) Chrysene	21.395	228	149748	0.761	ng/ul	98
24) Benzo(b)fluoranthene	22.976	252	143226	1.380	ng/ul	83
25) Benzo(k)fluoranthene	23.022	252	141628	1.336	ng/ul#	81
26) Benzo(a)pyrene	23.584	252	109986	1.037	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.091	276	118952	1.030	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.108	278	102552	1.121	ng/ul#	84
29) Benzo(g,h,i)perylene	26.829	276	109878	1.031	ng/ul#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082622\
Data File : BM036423.D
Acq On : 26 Aug 2022 13:16
Operator : CG/JU
Sample : SSTD1.660
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Quant Time: Aug 26 14:20:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM082622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 13:25:55 2022
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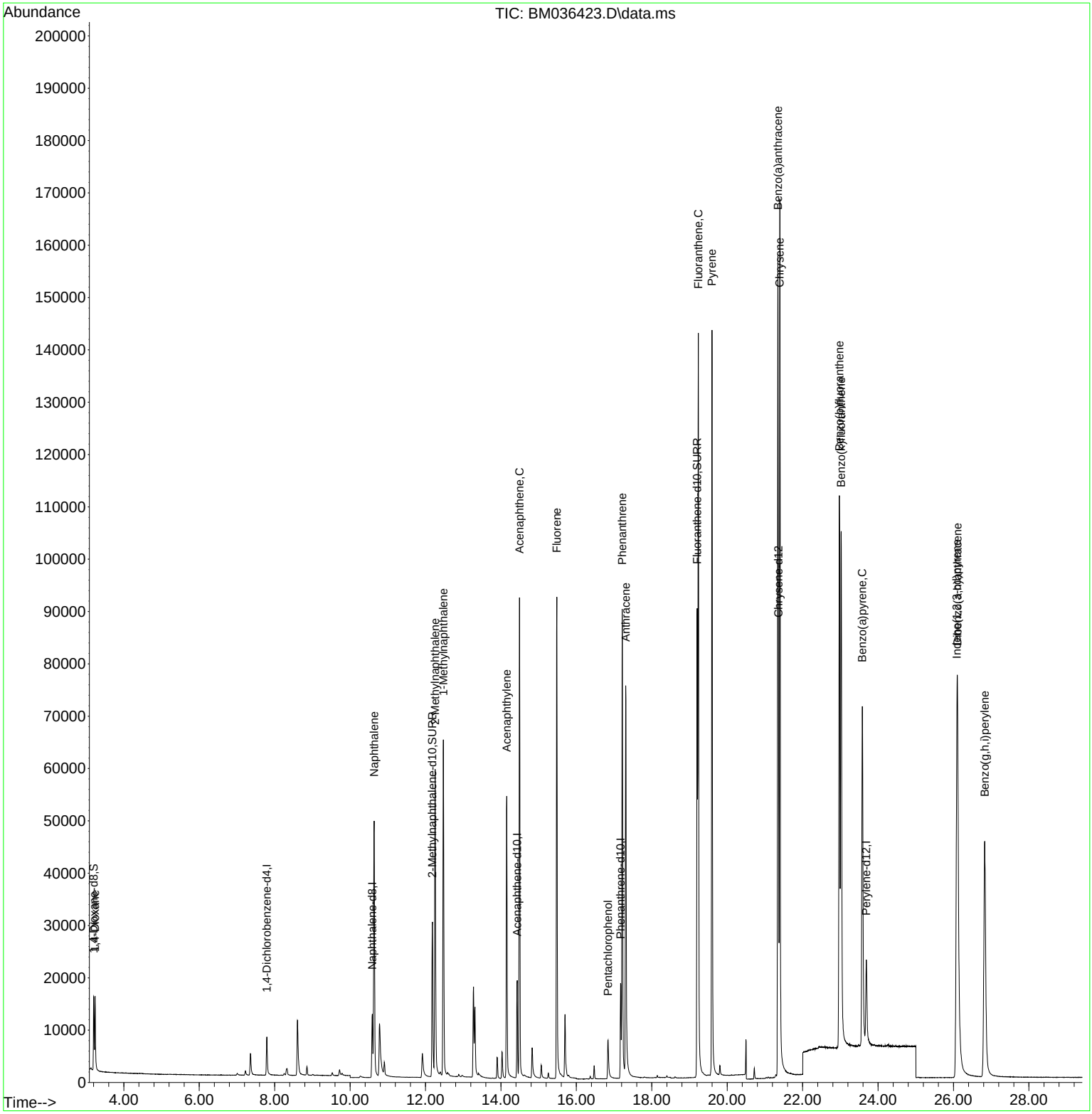
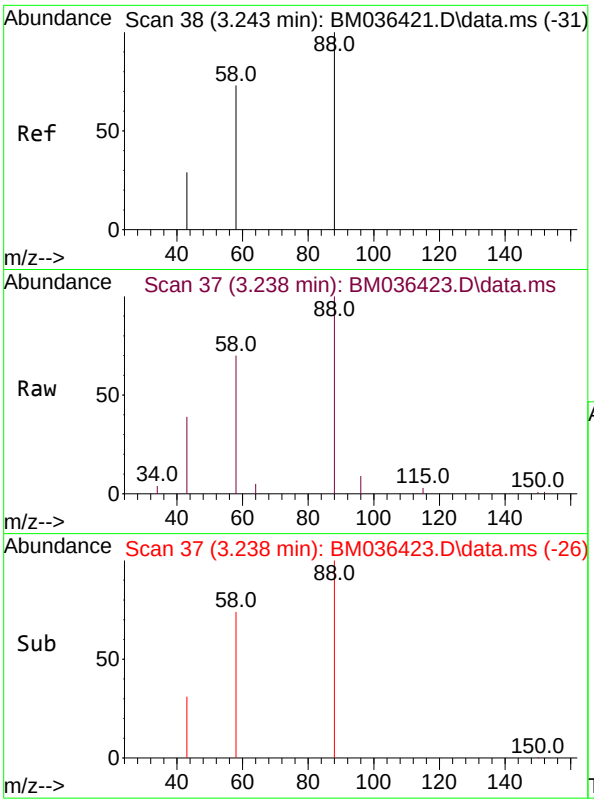


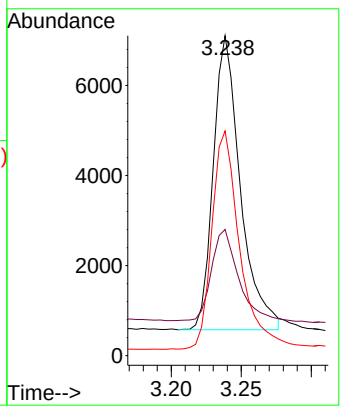


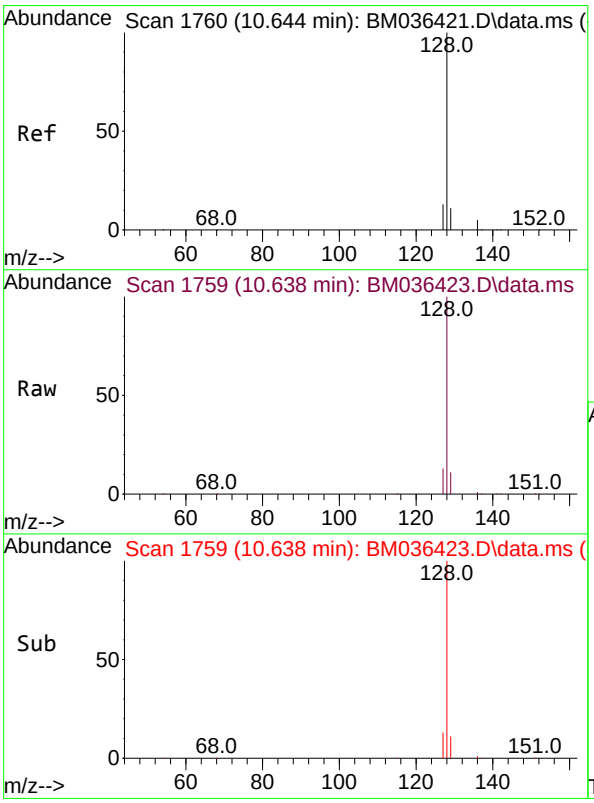
#2
1,4-Dioxane
Concen: 1.463 ng/ul
RT: 3.238 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion: 88 Resp: 8789

Ion	Ratio	Lower	Upper
88	100		
43	39.5	37.8	56.6
58	70.3	42.6	63.8#

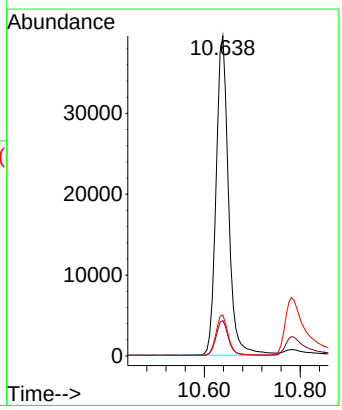


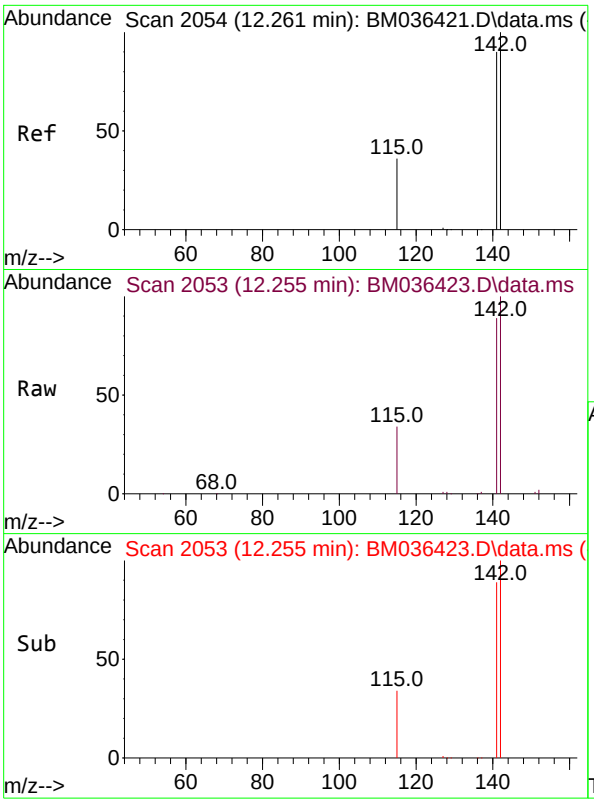


#5
Naphthalene
Concen: 1.314 ng/ul
RT: 10.638 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Tgt Ion:128 Resp: 71037

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.2	15.2
127	12.8	11.7	17.5



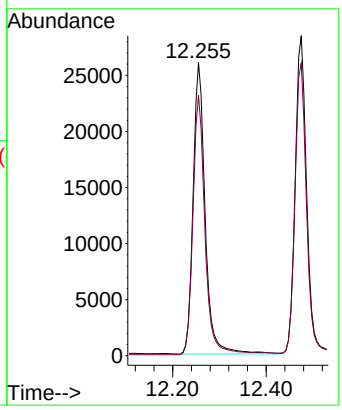


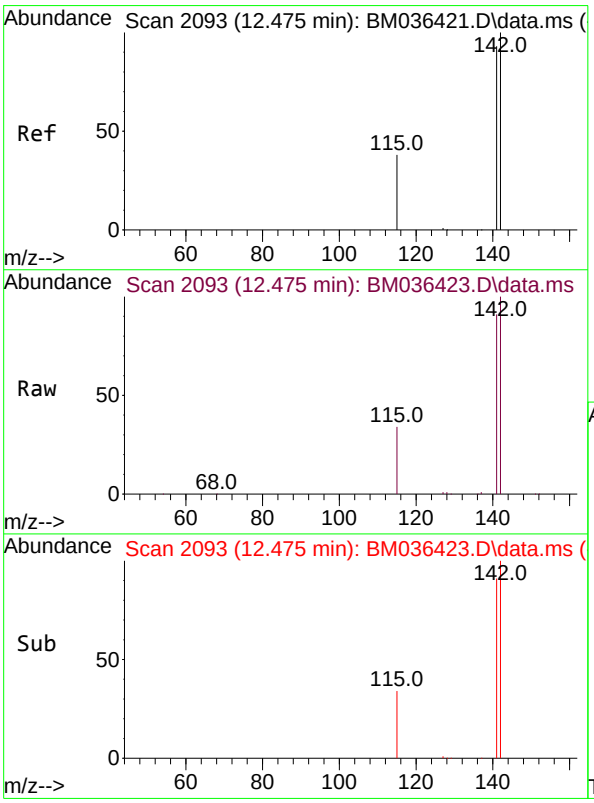
#7
2-Methylnaphthalene
Concen: 1.378 ng/ul
RT: 12.255 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:142 Resp: 46689

Ion	Ratio	Lower	Upper
142	100		
141	90.3	77.4	116.0

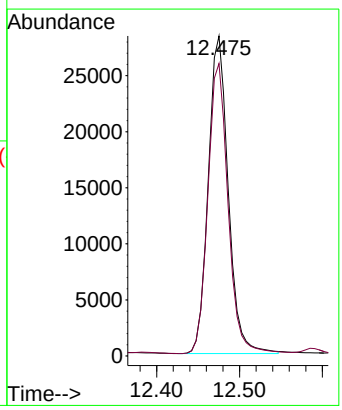


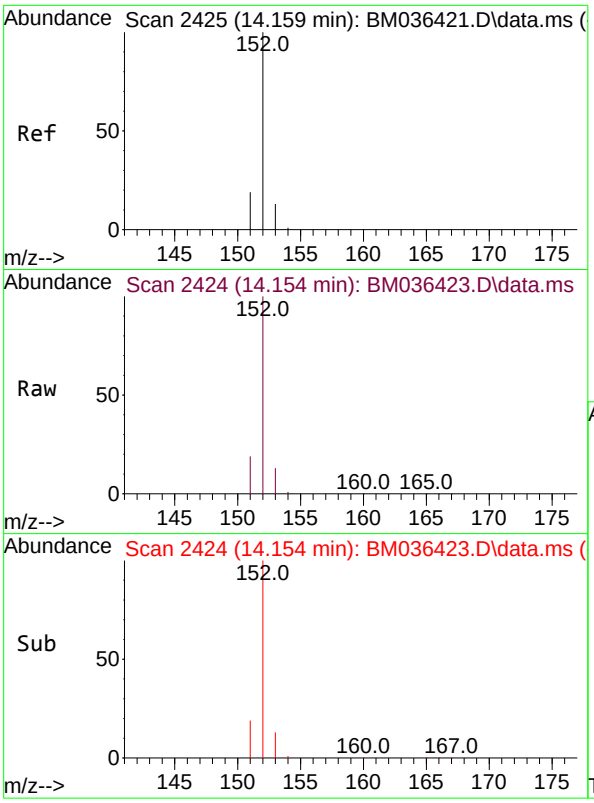


#8
1-Methylnaphthalene
Concen: 1.483 ng/ul
RT: 12.475 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Tgt Ion:142 Resp: 47498

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.1	111.1



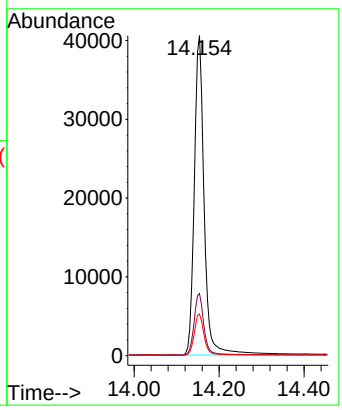


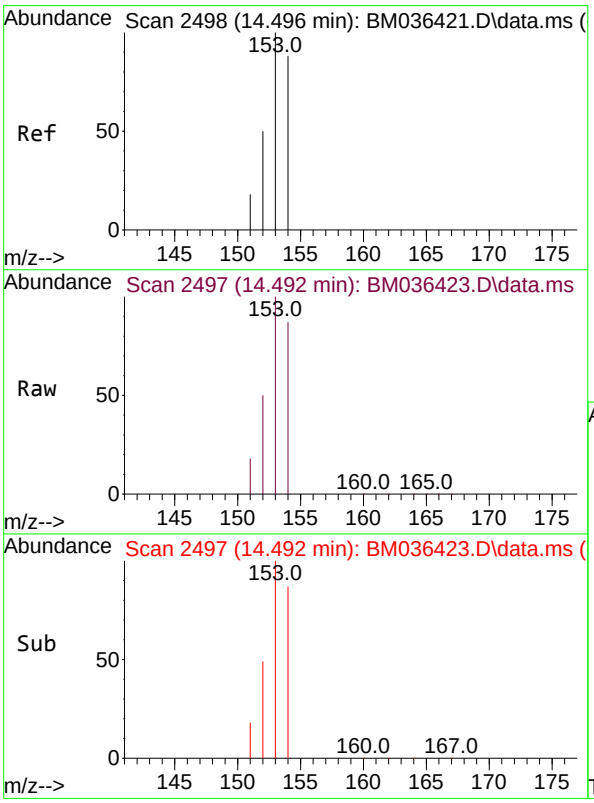
#10
Acenaphthylene
Concen: 1.179 ng/ul
RT: 14.154 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:152 Resp: 65851

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.6	24.8
153	13.0	11.4	17.0

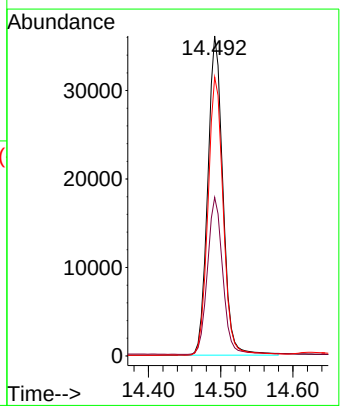


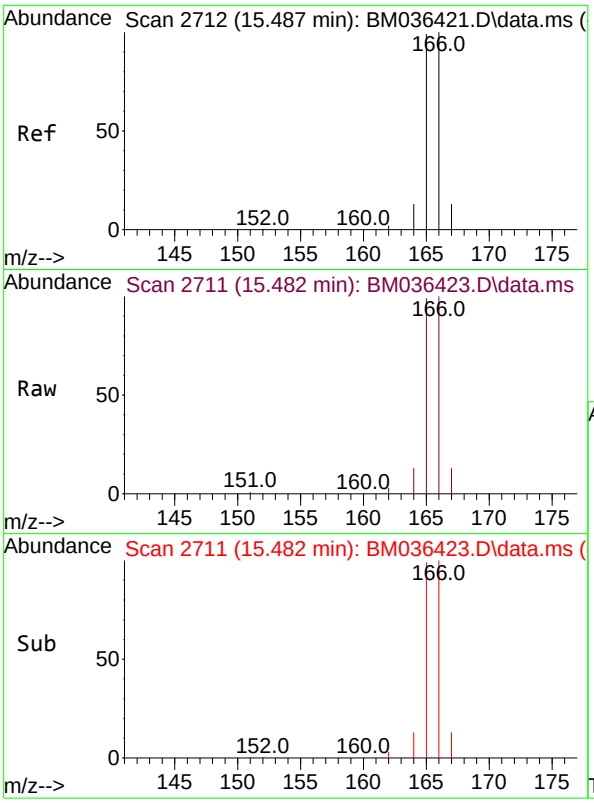


#11
Acenaphthene
Concen: 1.222 ng/ul
RT: 14.492 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Tgt Ion:153 Resp: 52544

Ion	Ratio	Lower	Upper
153	100		
152	49.5	40.2	60.4
154	87.1	69.7	104.5



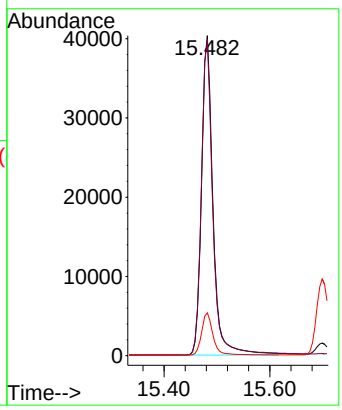


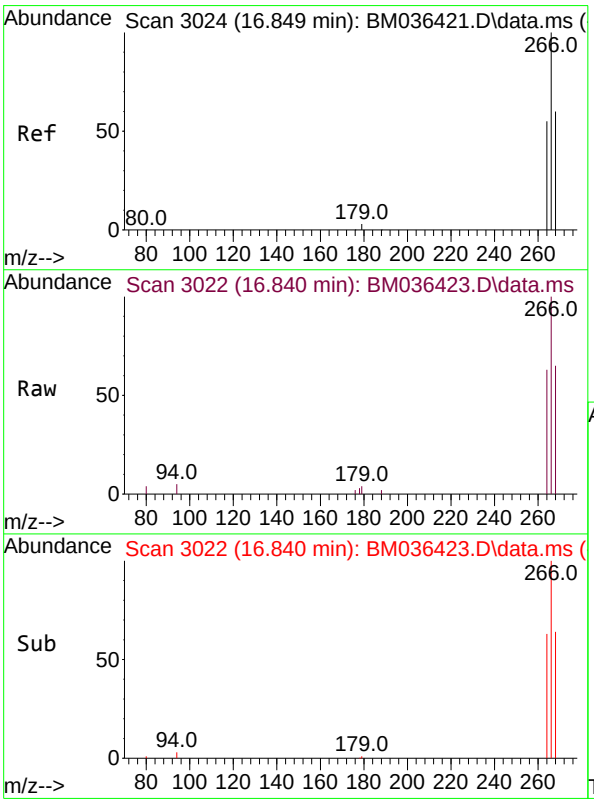
#12
Fluorene
Concen: 1.227 ng/ul
RT: 15.482 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:166 Resp: 60770

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.9	118.3
167	13.4	11.3	16.9

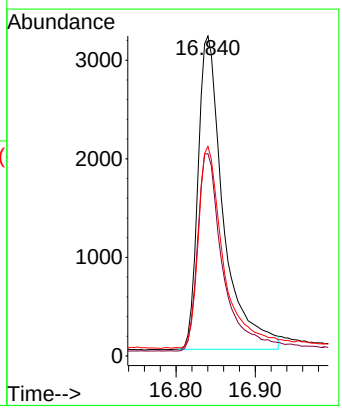


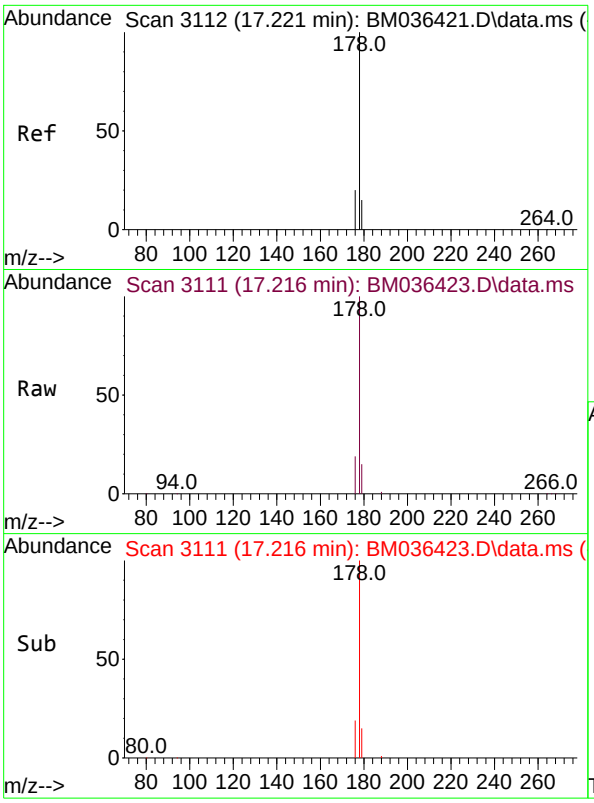


#14
Pentachlorophenol
Concen: 1.903 ng/ul
RT: 16.840 min Scan# 3022
Delta R.T. -0.009 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Tgt Ion:266 Resp: 7070

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.3	75.5
268	64.0	53.5	80.3



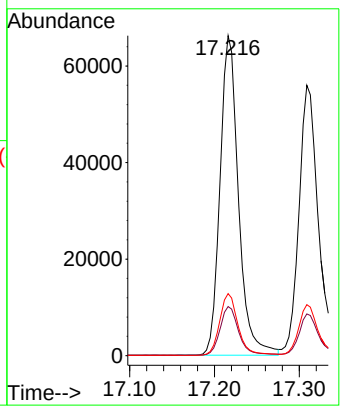


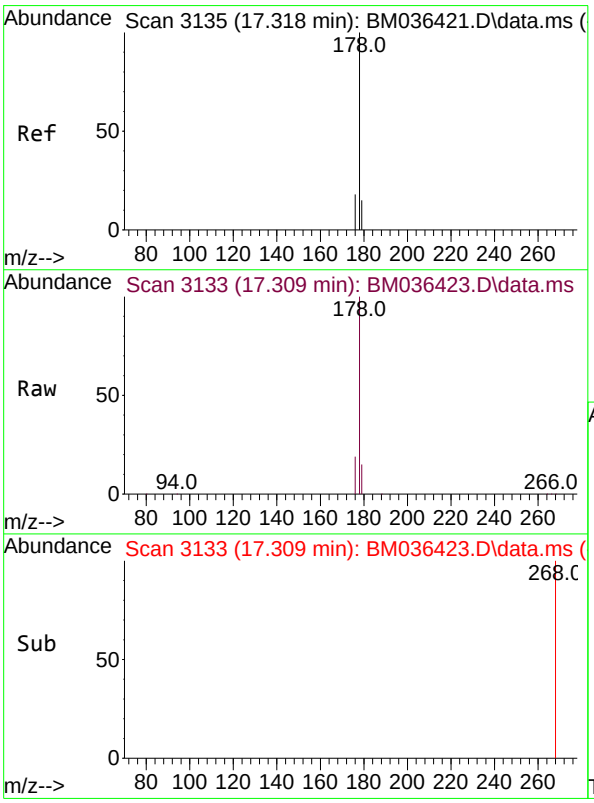
#15
Phenanthrene
Concen: 1.173 ng/ul
RT: 17.216 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:178 Resp: 100015

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.6
176	19.4	15.6	23.4

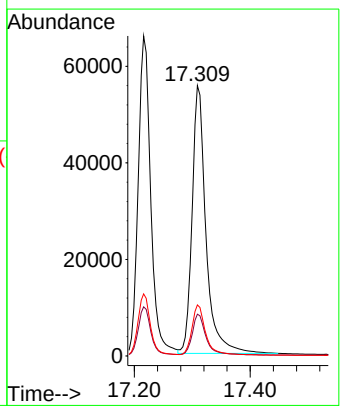


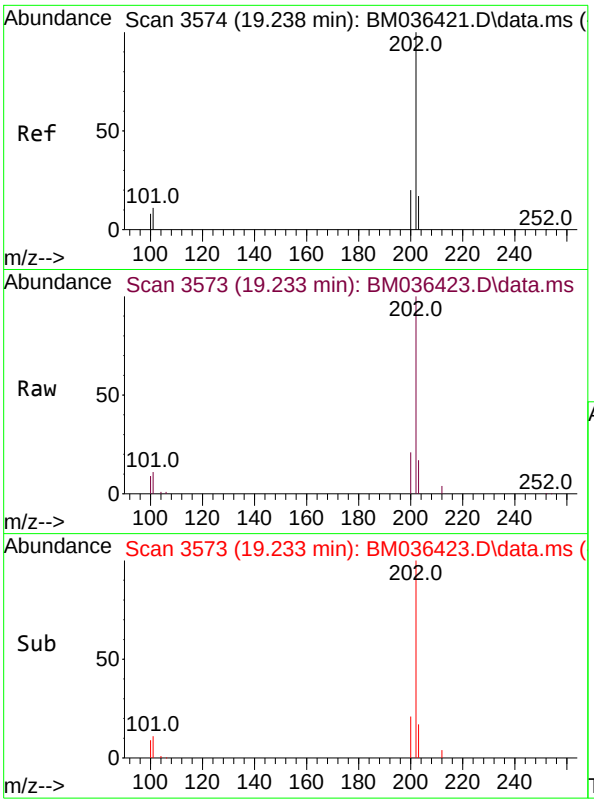


#16
Anthracene
Concen: 1.306 ng/ul
RT: 17.309 min Scan# 3133
Delta R.T. -0.009 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Tgt Ion:178 Resp: 92476

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.9	15.6	23.4



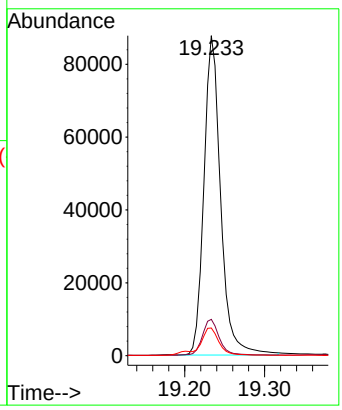


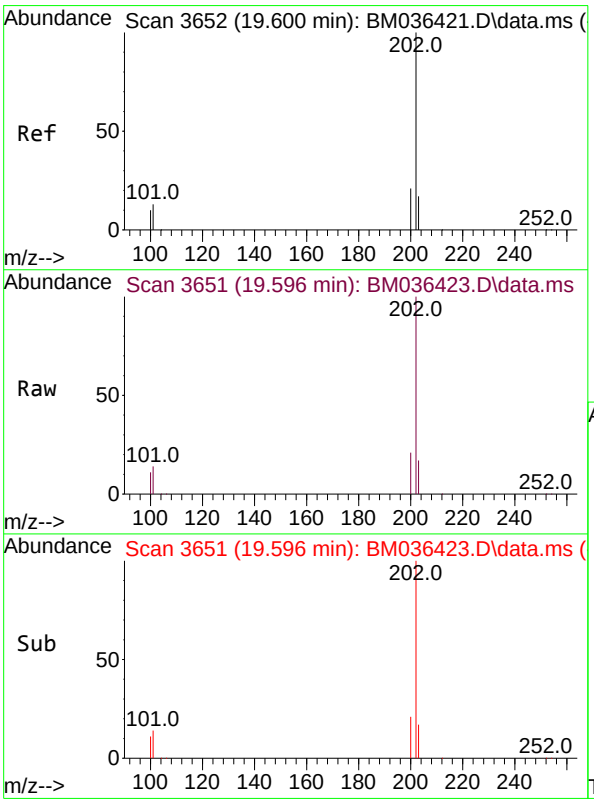
#19
Fluoranthene
Concen: 0.575 ng/ul
RT: 19.233 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:202 Resp: 127556

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.1	15.1
100	8.6	7.9	11.9

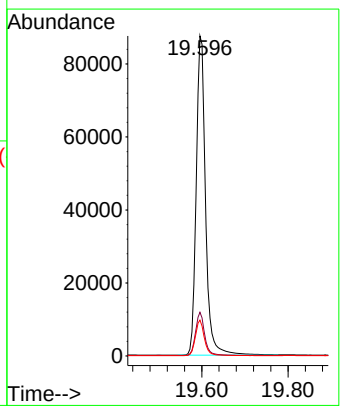


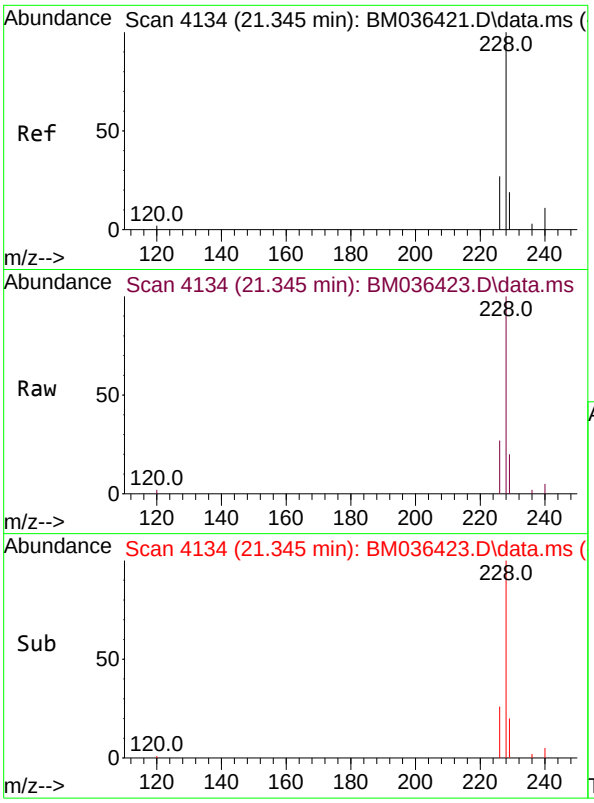


#20
Pyrene
Concen: 0.528 ng/ul
RT: 19.596 min Scan# 3651
Delta R.T. -0.004 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Tgt Ion:202 Resp: 131214

Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.0	18.0
100	11.2	9.8	14.6



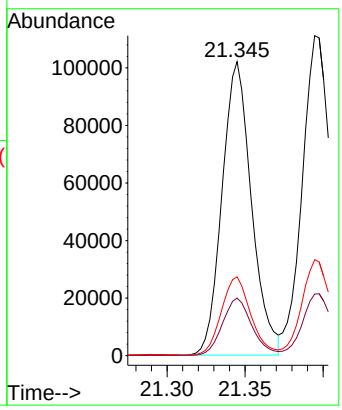


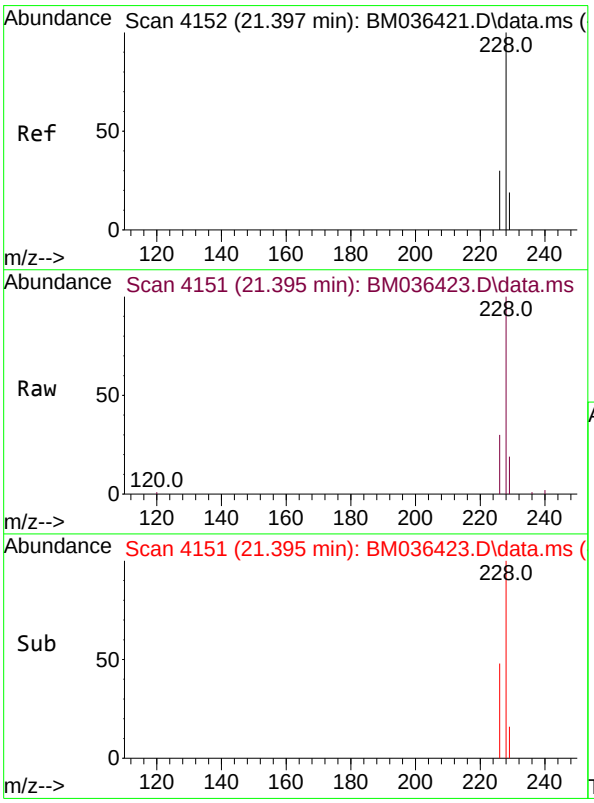
#21
Benzo(a)anthracene
Concen: 0.874 ng/ul
RT: 21.345 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:228 Resp: 133793

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.2	24.2
226	26.8	22.5	33.7

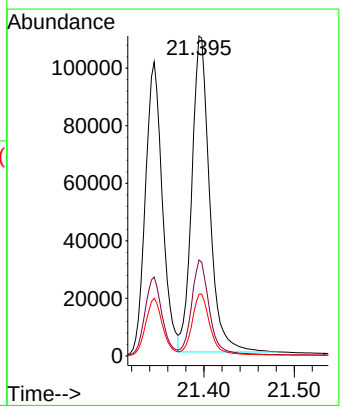


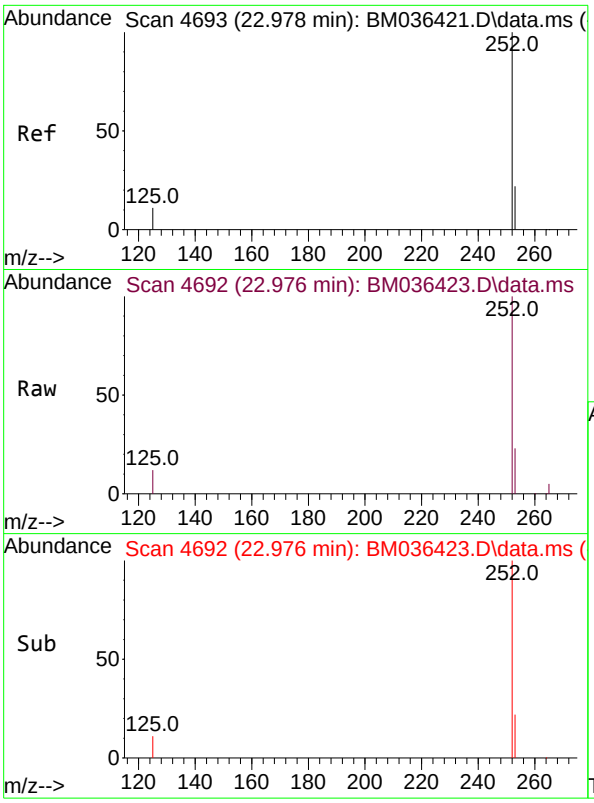


#22
Chrysene
Concen: 0.761 ng/ul
RT: 21.395 min Scan# 4151
Delta R.T. -0.003 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Tgt Ion:228 Resp: 149748

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	19.2	16.4	24.6



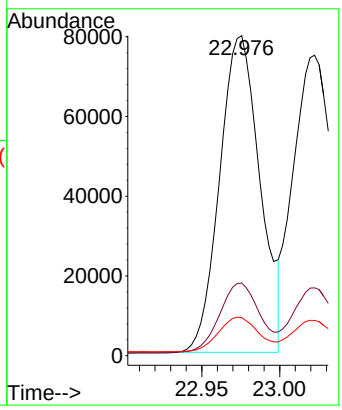


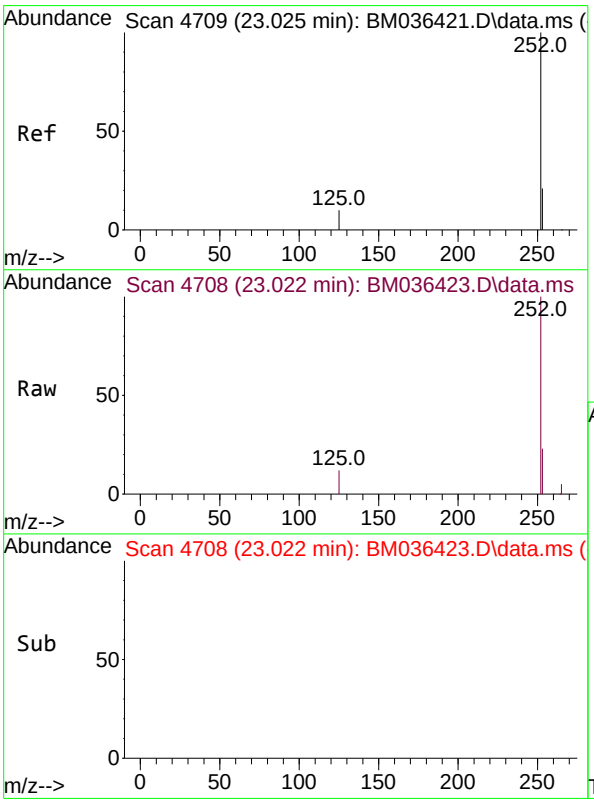
#24
Benzo(b)fluoranthene
Concen: 1.380 ng/ul
RT: 22.976 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:252 Resp: 143226

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	61.4
125	11.9	0.0	42.6

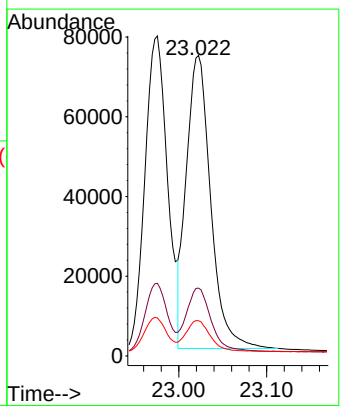


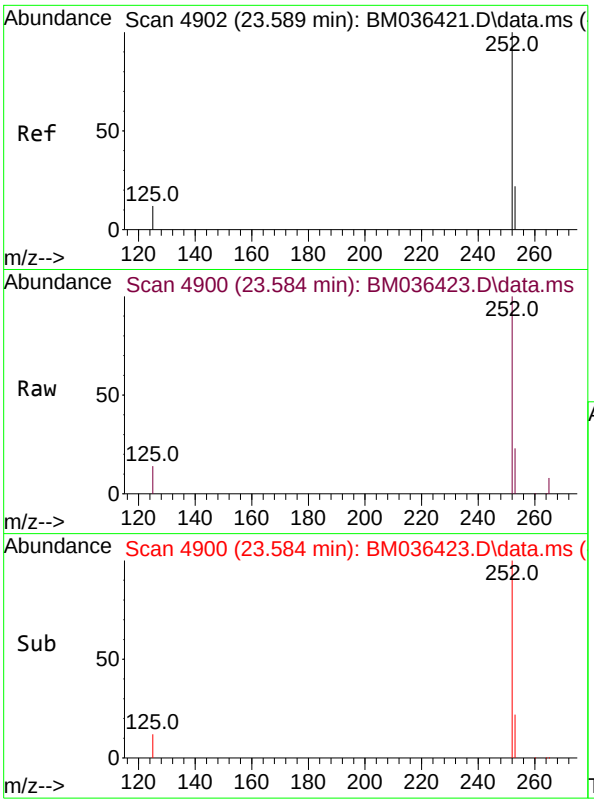


#25
Benzo(k)fluoranthene
Concen: 1.336 ng/ul
RT: 23.022 min Scan# 4708
Delta R.T. -0.003 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Tgt Ion:252 Resp: 141628

Ion	Ratio	Lower	Upper
252	100		
253	22.6	25.2	37.8#
125	11.7	18.3	27.5#



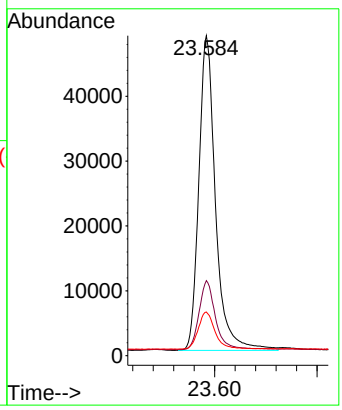


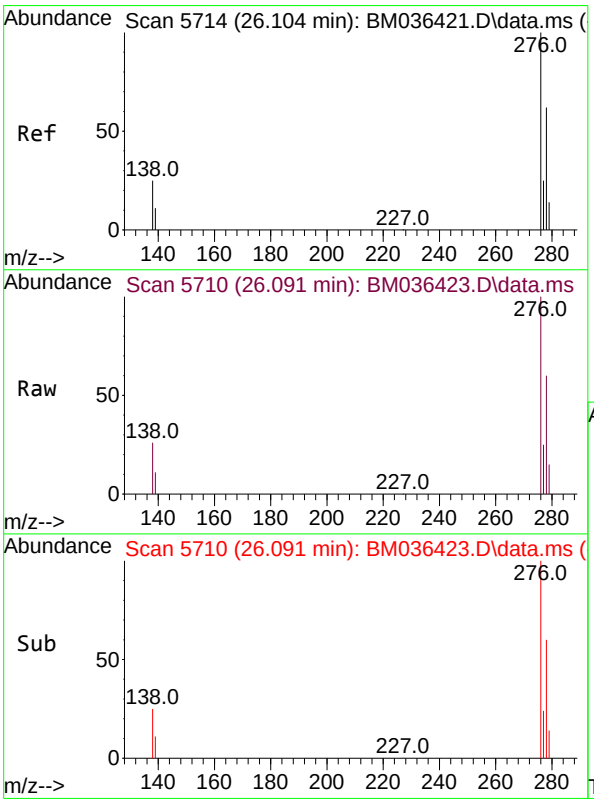
#26
Benzo(a)pyrene
Concen: 1.037 ng/ul
RT: 23.584 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:252 Resp: 109986

Ion	Ratio	Lower	Upper
252	100		
253	23.4	29.7	44.5#
125	13.7	23.6	35.4#

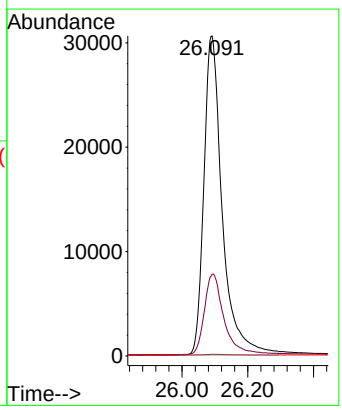


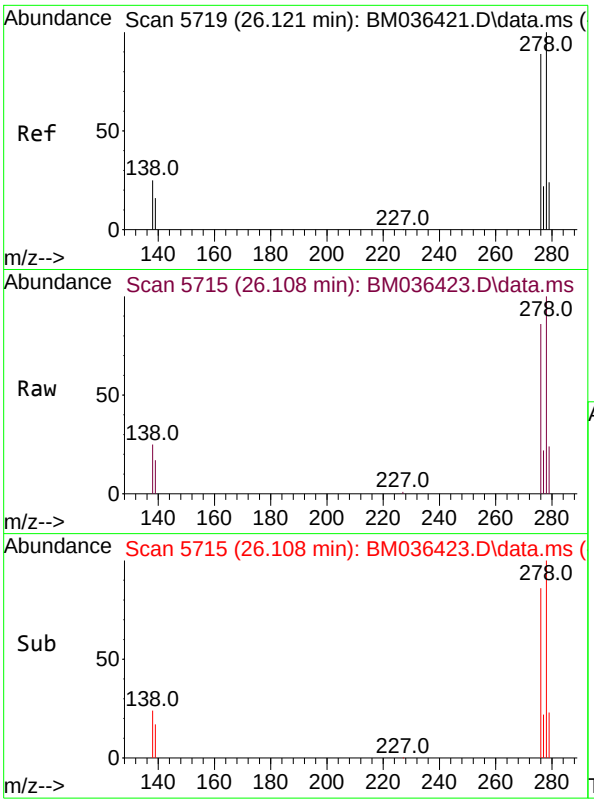


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.030 ng/ul
RT: 26.091 min Scan# 5710
Delta R.T. -0.013 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Tgt Ion:276 Resp: 118952

Ion	Ratio	Lower	Upper
276	100		
138	26.7	23.9	35.9
227	0.2	0.1	0.1#



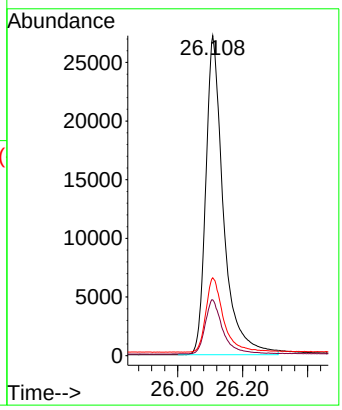


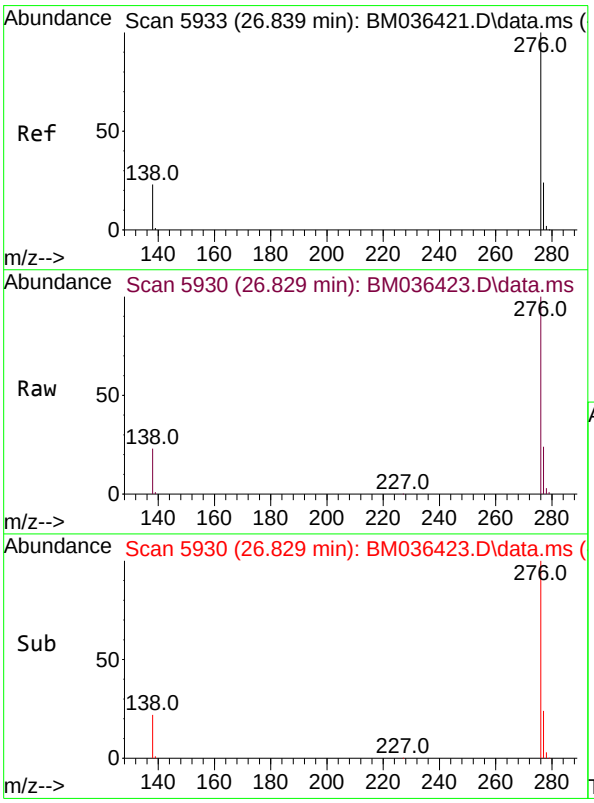
#28
Dibenzo(a,h)anthracene
Concen: 1.121 ng/ul
RT: 26.108 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Instrument :
BNA_M
ClientSampleId :
SSTD1.6012

Tgt Ion:278 Resp: 102552

Ion	Ratio	Lower	Upper
278	100		
139	17.5	19.8	29.6#
279	24.4	27.7	41.5#





#29
Benzo(g,h,i)perylene
Concen: 1.031 ng/ul
RT: 26.829 min Scan# 5930
Delta R.T. -0.010 min
Lab File: BM036423.D
Acq: 26 Aug 2022 13:16

Tgt Ion:276 Resp: 109878

Ion	Ratio	Lower	Upper
276	100		
138	22.8	23.4	35.0#
277	23.9	21.0	31.4