Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014986.D
Acq On : 05 May 2023 16:30
Operator : CG/JU
Sample : 02479-12 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : EW953

Quant Time: May 05 22:32:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 12:12:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	385933	20.000	ng/ul	0.00
20) Naphthalene-d8	11.004	136	1734946	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	1089430	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	2240145	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1388524	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1302887	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	3290	0.317	ng/uL	0.00
4) Pyridine-d5	3.899	84	382	0.013	ng/ul	0.00
7) Phenol-d5	7.311	99	73113	2.185	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	45399	2.195	ng/ul	0.00
11) 2-Chlorophenol-d4	7.693	132	57284	2.328	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	57422	2.227	ng/ul	0.00
21) Nitrobenzene-d5	9.346	128	28120	2.279	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	31016	2.448	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	61778	2.483	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	60114	1.671	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	226847	2.942	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	254049	2.747	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	11224	0.837	ng/ul	0.00
60) Fluorene-d10	15.804	176	200154	3.017	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	10802	0.857	ng/ul	0.00
73) Anthracene-d10	17.663	188	314667	3.126	ng/ul	0.00
81) Pyrene-d10	19.886	212	329779	3.521	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	204615	3.223	ng/ul	0.00
Target Compounds						Qvalue
61) Fluorene	15.857	166	103223	1.337	ng/ul	97
72) Phenanthrene	17.610	178	1685176	13.617	ng/ul	100
74) Anthracene	17.698	178	391638	3.179	ng/ul	99
77) Carbazole	17.963	167	143499	1.385	ng/ul	100
80) Fluoranthene	19.563	202	2541002	22.112	ng/ul	98
82) Pyrene	19.910	202	2048941	16.829	ng/ul	99
85) Benzo(a)anthracene	21.633	228	799674	8.628	ng/ul	100
87) Chrysene	21.686	228	752364	8.062	ng/ul	98
90) Benzo(b)fluoranthene	23.445	252	815493	9.685	ng/ul	98
91) Benzo(k)fluoranthene	23.445	252	815493	9.516	ng/ul	99
93) Benzo(a)pyrene	24.133	252	562149	7.612	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.004	276	411822	4.572	ng/ul	96
95) Dibenzo(a,h)anthracene	27.009	278	104853	1.420	ng/ul#	87
96) Benzo(g,h,i)perylene	27.862	276	365098	4.762	ng/ul	98

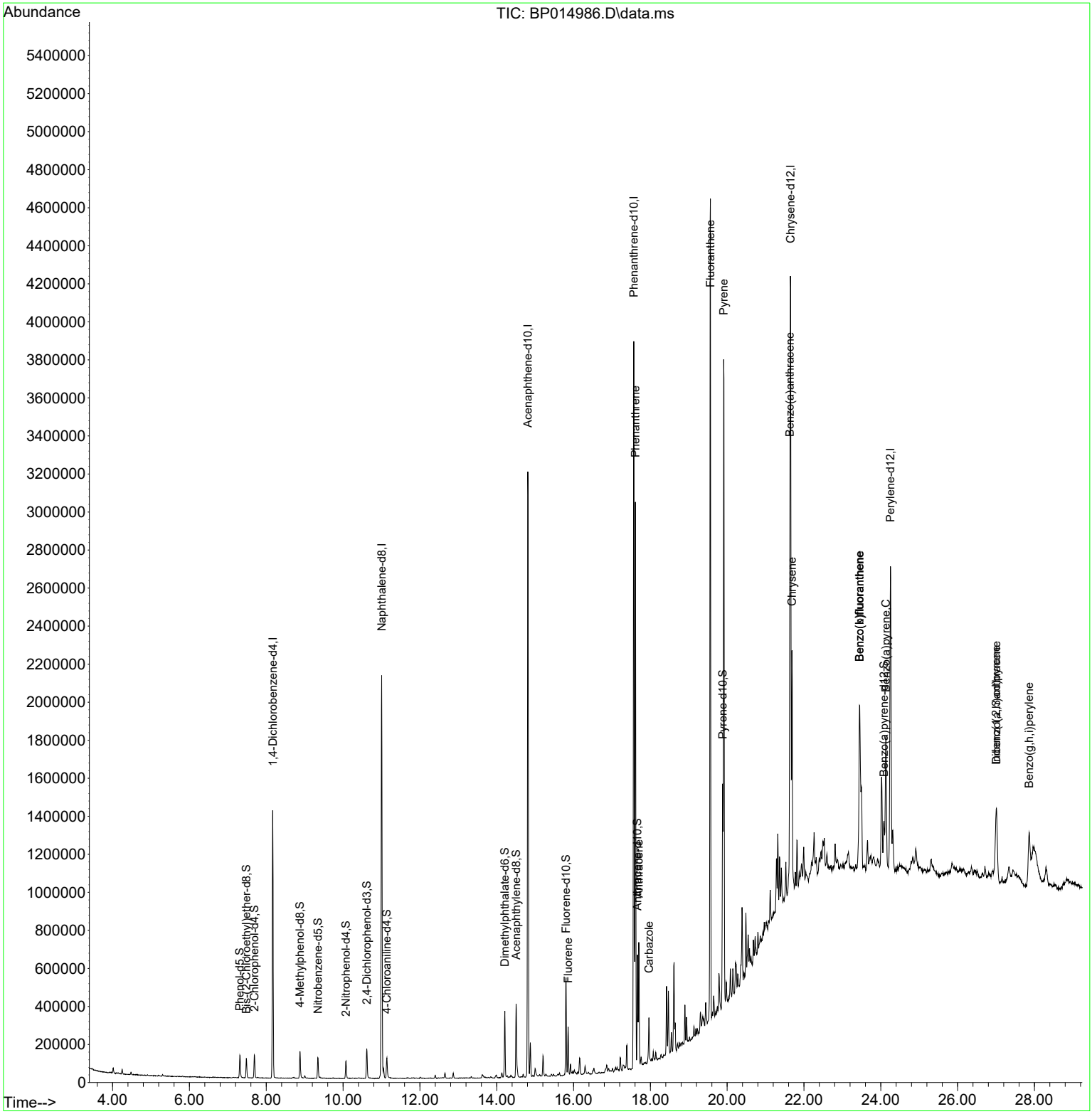
(#) = qualifier out of range (m) = manual integration (+) = signals summed

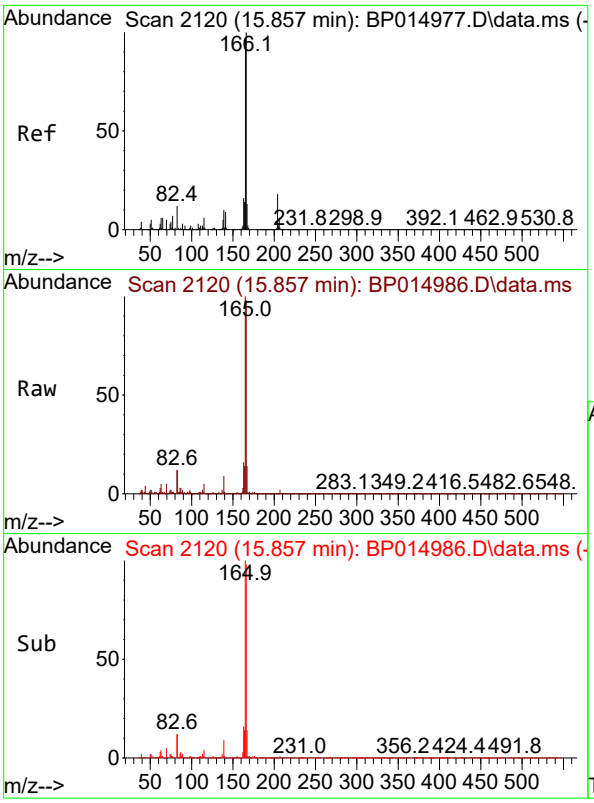
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014986.D
Acq On : 05 May 2023 16:30
Operator : CG/JU
Sample : 02479-12 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW953

Quant Time: May 05 22:32:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 12:12:36 2023
Response via : Initial Calibration



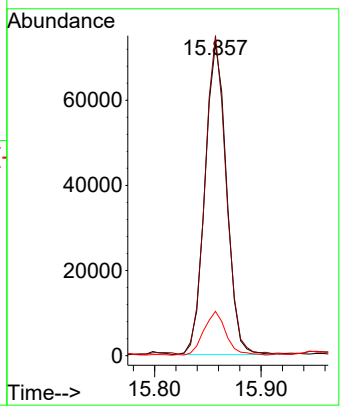


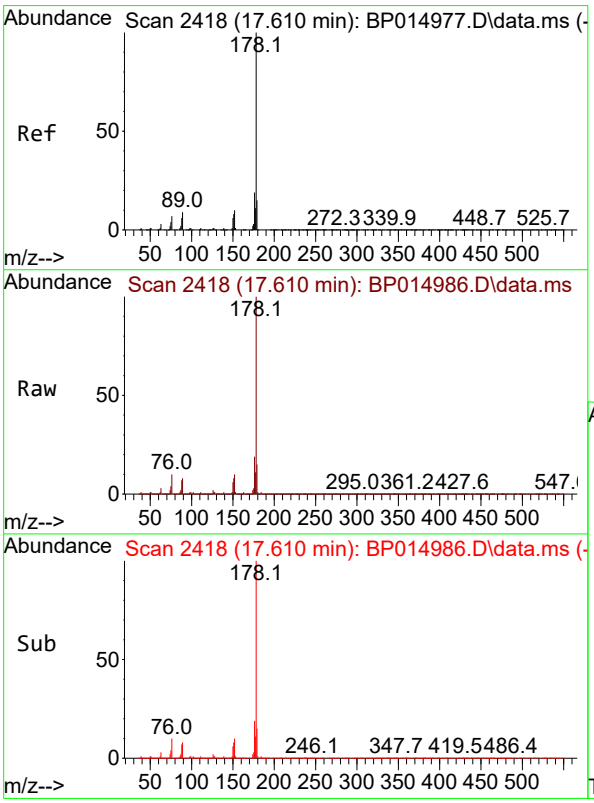
#61
Fluorene
Concen: 1.337 ng/ul
RT: 15.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Instrument :
BNA_P
ClientSampleId :
EW953

Tgt Ion:166 Resp: 103223

Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.3	118.9
167	14.2	10.7	16.1

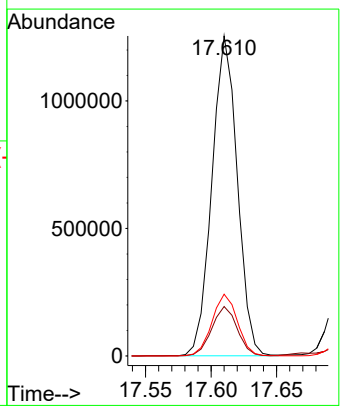


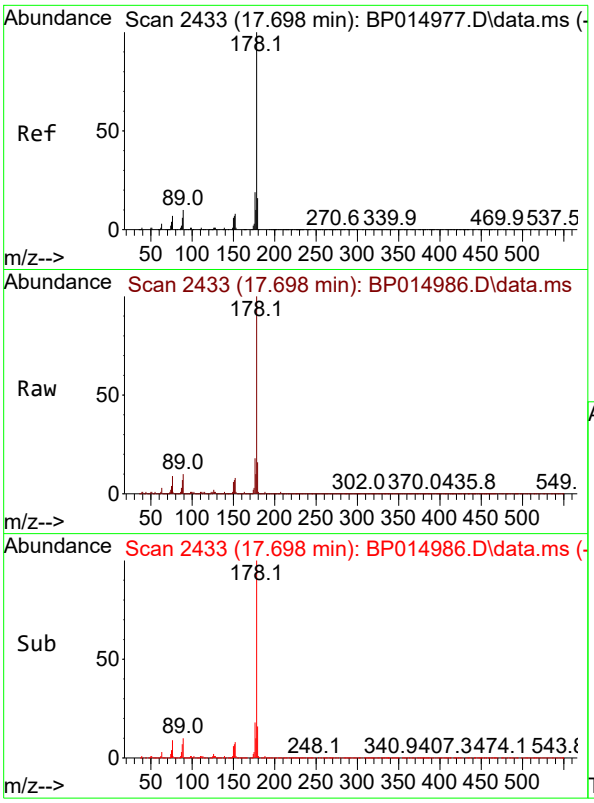


#72
Phenanthrene
Concen: 13.617 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Tgt Ion:178 Resp: 1685176

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.3	15.4	23.0



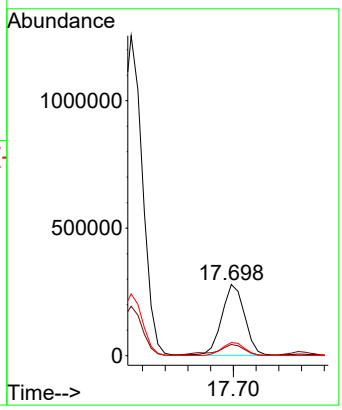


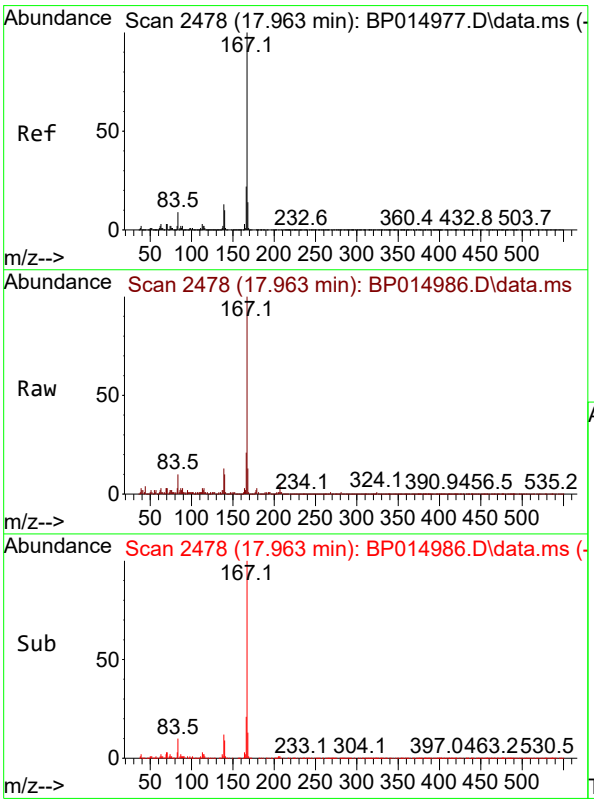
#74
Anthracene
Concen: 3.179 ng/ul
RT: 17.698 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Instrument :
BNA_P
ClientSampleId :
EW953

Tgt Ion:178 Resp: 391638

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.3	15.0	22.4

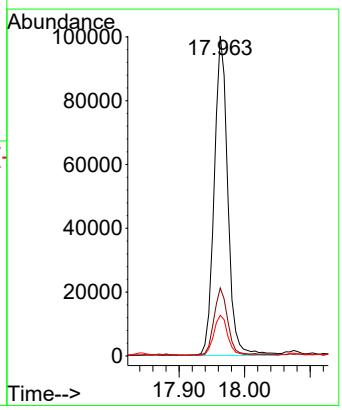


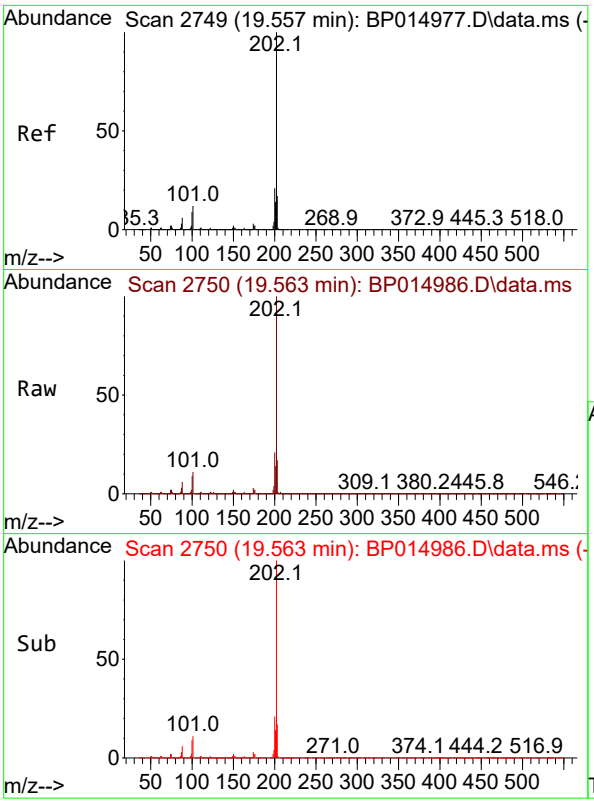


#77
Carbazole
Concen: 1.385 ng/ul
RT: 17.963 min Scan# 2478
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Tgt Ion:167 Resp: 143499

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.7	10.1	15.1



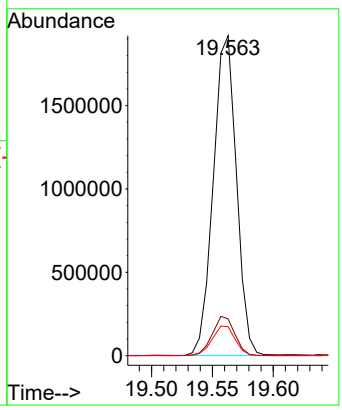


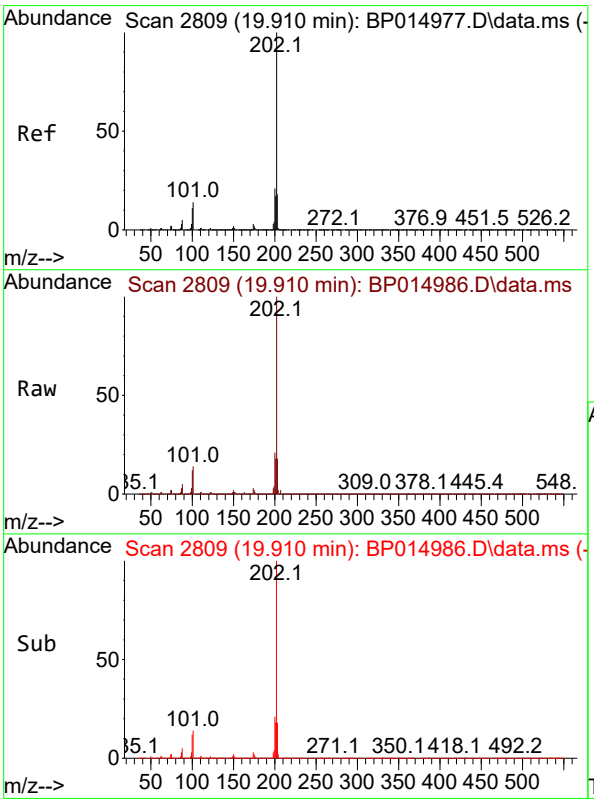
#80
Fluoranthene
Concen: 22.112 ng/ul
RT: 19.563 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Instrument :
BNA_P
ClientSampleId :
EW953

Tgt Ion:202 Resp: 2541002

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.1	15.1
100	9.1	7.7	11.5

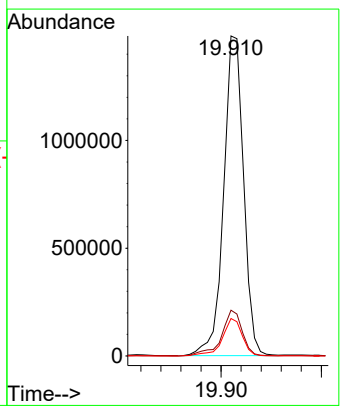


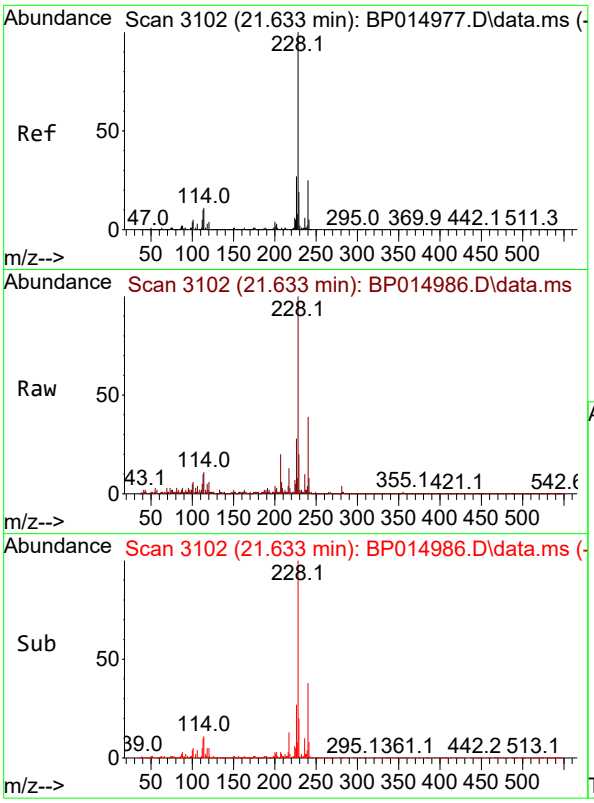


#82
Pyrene
Concen: 16.829 ng/ul
RT: 19.910 min Scan# 2809
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Tgt Ion:202 Resp: 2048941

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.9	17.9
100	11.7	9.7	14.5



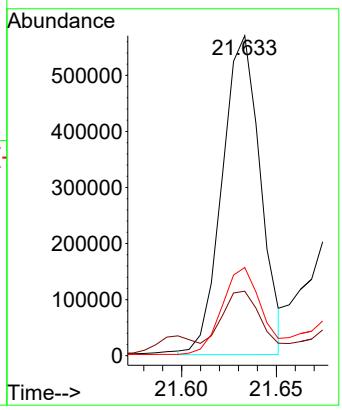


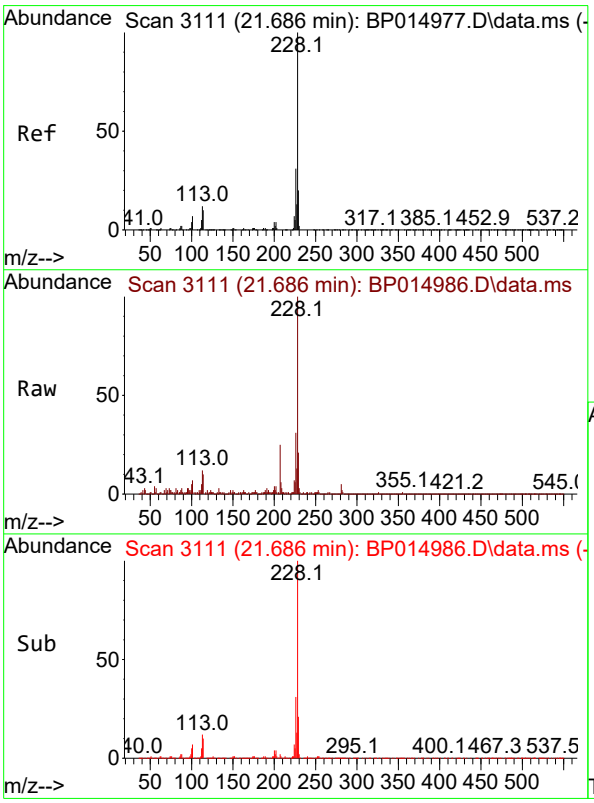
#85
Benzo(a)anthracene
Concen: 8.628 ng/ul
RT: 21.633 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Instrument :
BNA_P
ClientSampleId :
EW953

Tgt Ion:228 Resp: 799674

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	27.5	22.1	33.1

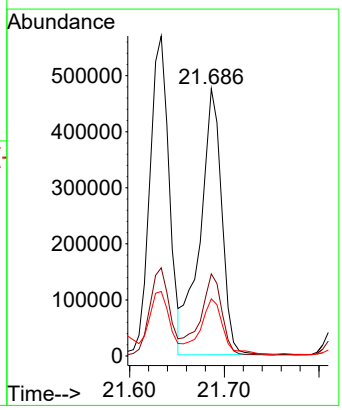


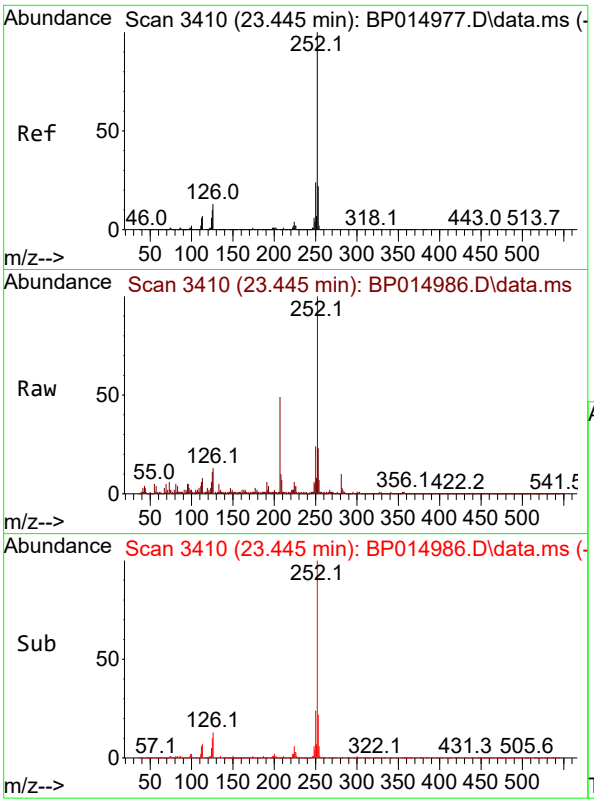


#87
Chrysene
Concen: 8.062 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Tgt Ion:228 Resp: 752364

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	21.4	15.8	23.8



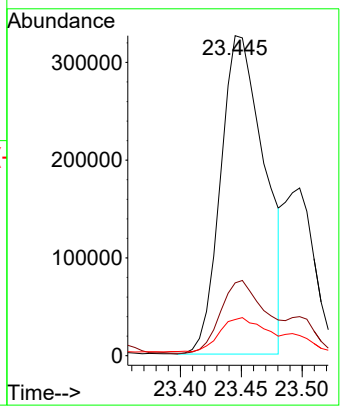


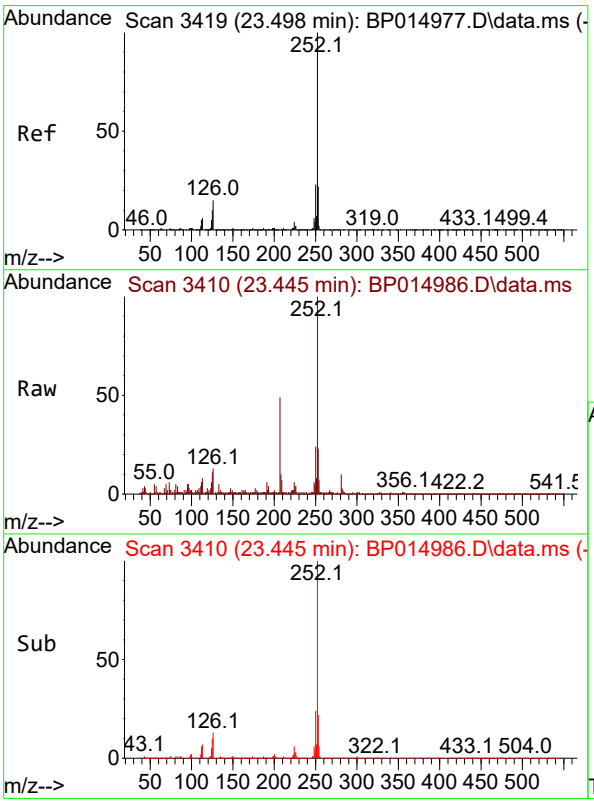
#90
Benzo(b)fluoranthene
Concen: 9.685 ng/ul
RT: 23.445 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Instrument :
BNA_P
ClientSampleId :
EW953

Tgt Ion:252 Resp: 815493

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	11.3	8.4	12.6

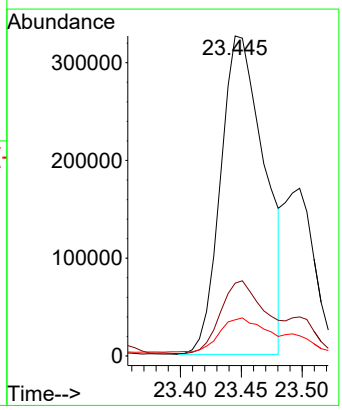


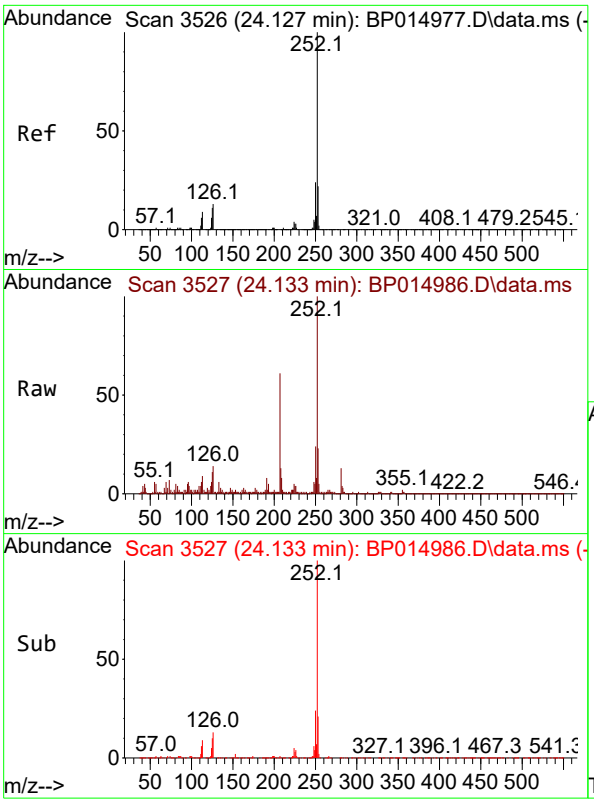


#91
Benzo(k)fluoranthene
Concen: 9.516 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. -0.053 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Tgt Ion:252 Resp: 815493

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.3	8.9	13.3



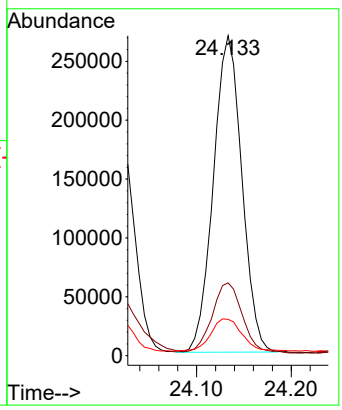


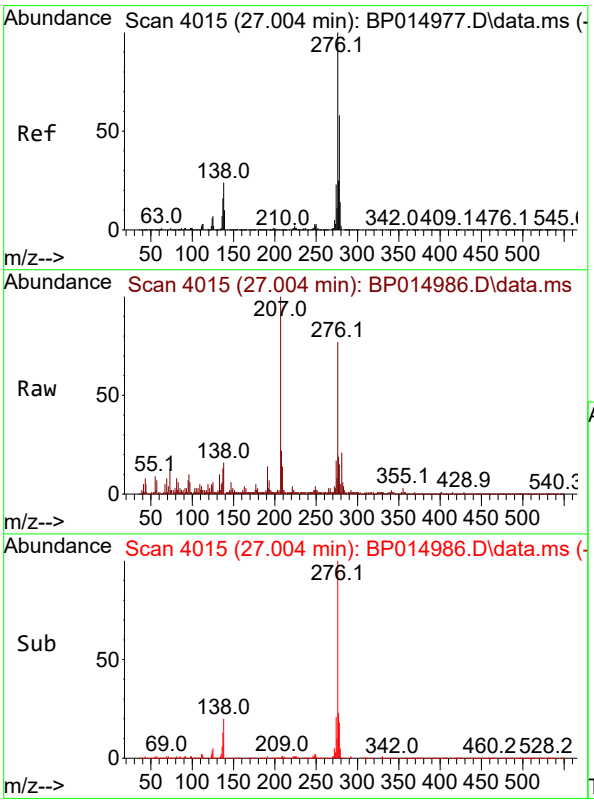
#93
Benzo(a)pyrene
Concen: 7.612 ng/ul
RT: 24.133 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Instrument :
BNA_P
ClientSampleId :
EW953

Tgt Ion:252 Resp: 562149

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.4	9.4	14.2

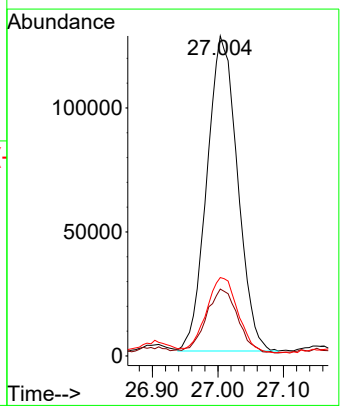


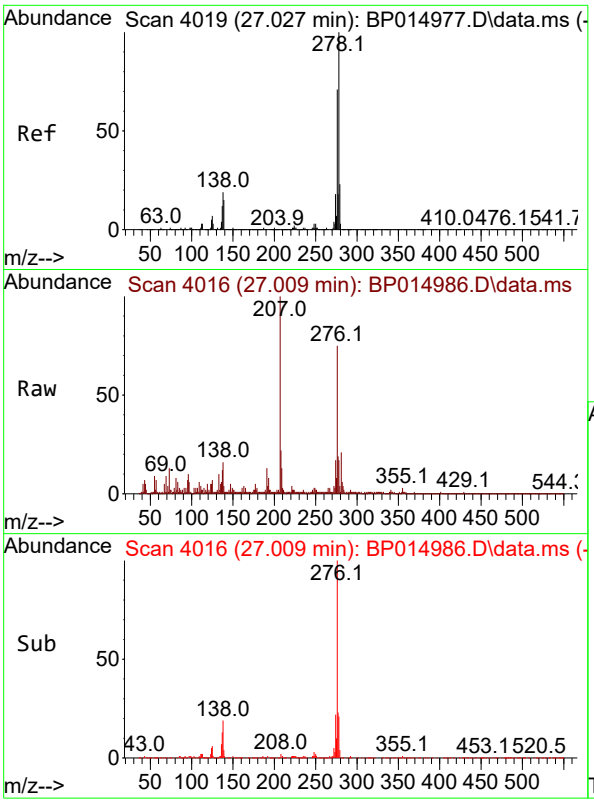


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.572 ng/ul
RT: 27.004 min Scan# 4015
Delta R.T. 0.000 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Tgt Ion:276 Resp: 411822

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.4	29.0
277	24.5	19.4	29.2



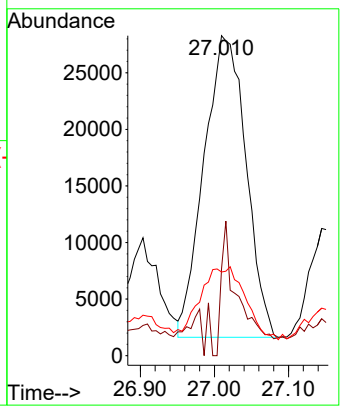


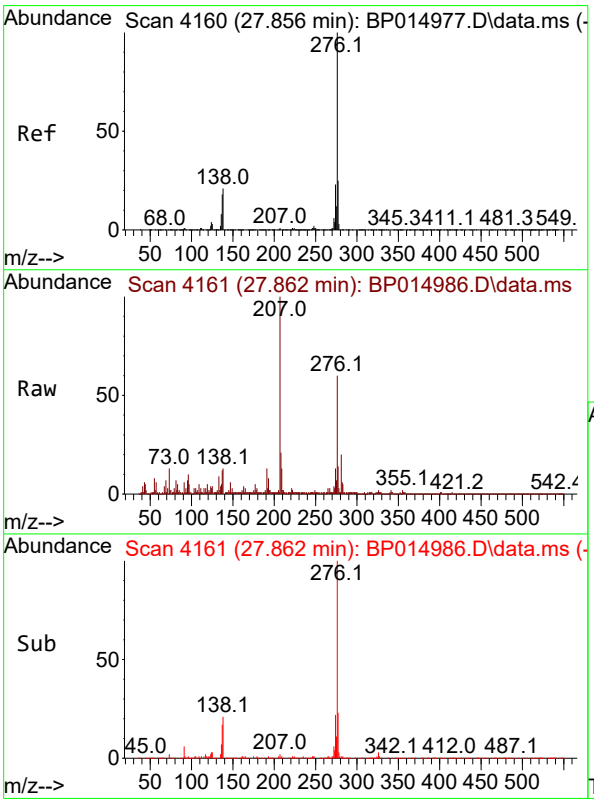
#95
Dibenzo(a,h)anthracene
Concen: 1.420 ng/ul
RT: 27.009 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Instrument :
BNA_P
ClientSampleId :
EW953

Tgt Ion:278 Resp: 104853

Ion	Ratio	Lower	Upper
278	100		
139	27.3	12.9	19.3#
279	26.1	19.0	28.6





#96
Benzo(g,h,i)perylene
Concen: 4.762 ng/ul
RT: 27.862 min Scan# 4161
Delta R.T. 0.006 min
Lab File: BP014986.D
Acq: 05 May 2023 16:30

Tgt Ion:276 Resp: 365098

Ion	Ratio	Lower	Upper
276	100		
138	21.7	18.0	27.0
277	23.6	19.8	29.8