Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021001.D
Acq On : 16 Jul 2024 22:22
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BT3

Quant Time: Jul 16 23:00:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.698	152	205246	20.000	ng/ul	0.01
20) Naphthalene-d8	10.445	136	782914	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	499436	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1076855	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	1145085	20.000	ng/ul	0.01
88) Perylene-d12	24.850	264	1354221	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	12760	2.829	ng/uL	0.00
4) Pyridine-d5	3.663	84	182053	13.942	ng/ul	0.01
7) Phenol-d5	6.898	99	284334	16.992	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	170568	16.820	ng/ul	0.01
11) 2-Chlorophenol-d4	7.245	132	244455	17.731	ng/ul	0.01
15) 4-Methylphenol-d8	8.410	113	238020	17.127	ng/ul	0.02
21) Nitrobenzene-d5	8.851	128	113446	18.656	ng/ul	0.02
24) 2-Nitrophenol-d4	9.557	143	130207	18.708	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.092	165	230697	18.331	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	301566	18.087	ng/ul	0.02
46) Dimethylphthalate-d6	13.722	166	749172	20.635	ng/ul	0.01
49) Acenaphthylene-d8	14.004	160	837017	20.532	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	75281	14.573	ng/ul	0.02
60) Fluorene-d10	15.327	176	650234	21.831	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	88225	13.541	ng/ul	0.02
73) Anthracene-d10	17.221	188	1048549	21.923	ng/ul	0.00
81) Pyrene-d10	19.604	212	1338511	18.907	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.615	264	1451726	21.736	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.157	178	259887	4.652	ng/ul	99
80) Fluoranthene	19.251	202	289747	3.389	ng/ul	98
82) Pyrene	19.633	202	234924	2.700	ng/ul	99
85) Benzo(a)anthracene	21.539	228	122563	1.528	ng/ul	98
87) Chrysene	21.604	228	109838	1.474	ng/ul	96
90) Benzo(b)fluoranthene	23.803	252	136638	1.663	ng/ul#	92
91) Benzo(k)fluoranthene	23.803	252	136638	1.666	ng/ul#	93
93) Benzo(a)pyrene	24.692	252	95273	1.227	ng/ul#	92

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

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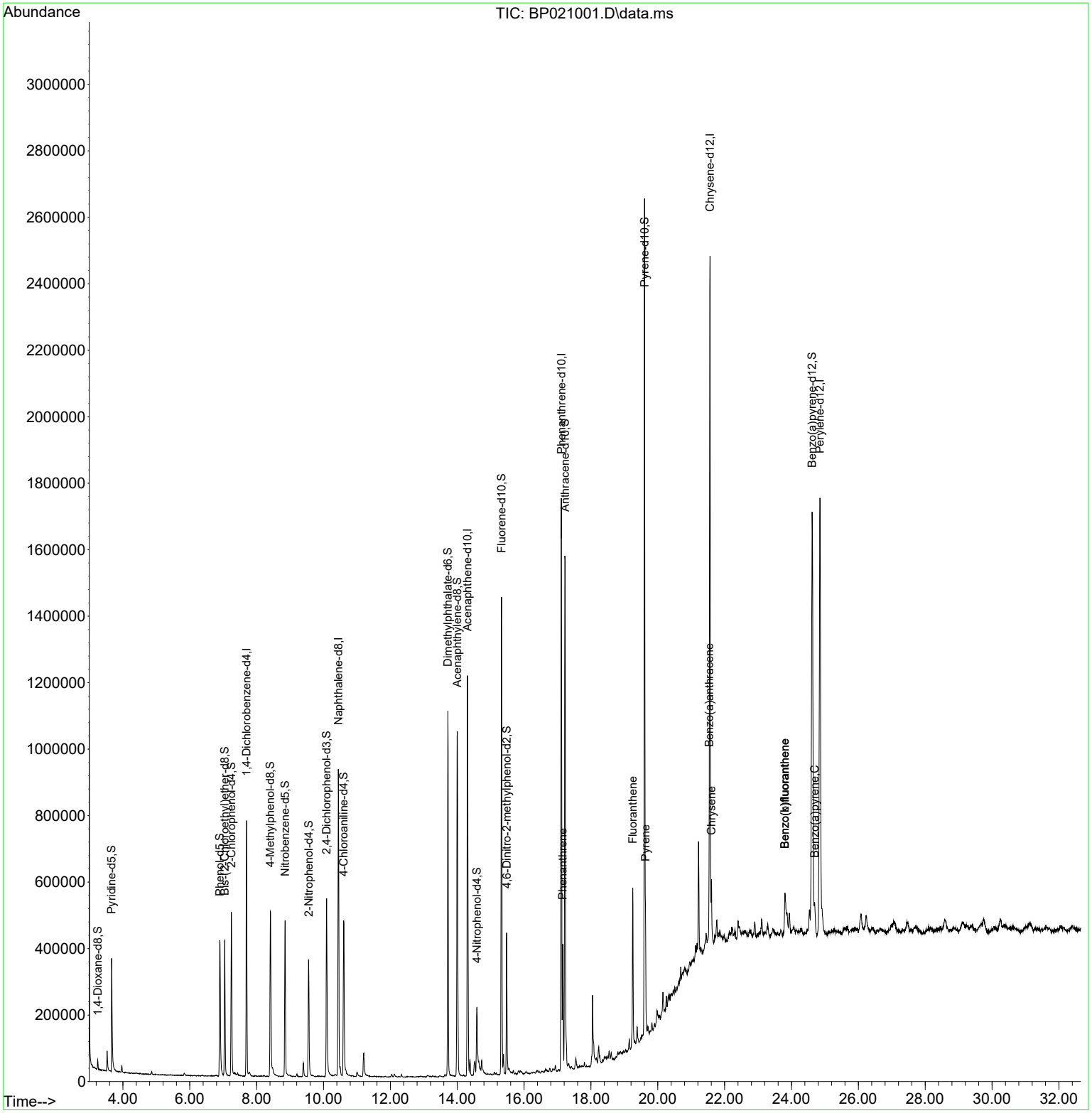
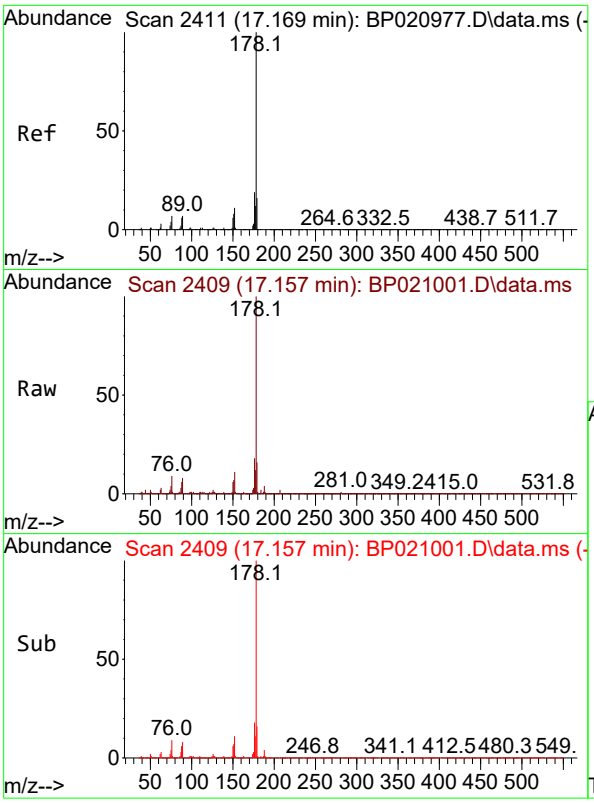
Quant Time: Jul 16 23:00:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 15 12:22:22 2024
Response via : Initial Calibration



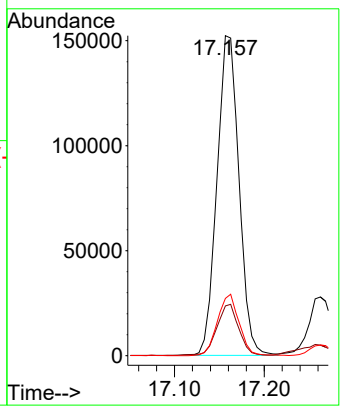


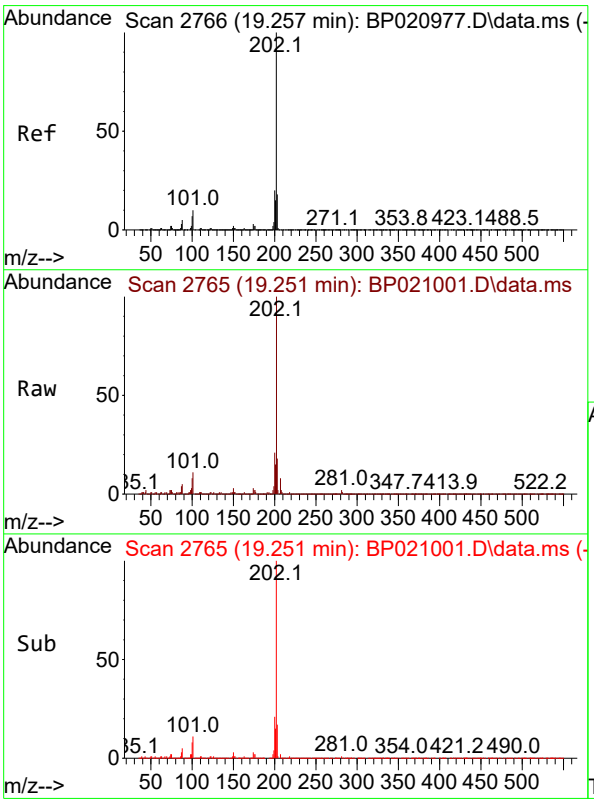
#72
Phenanthrene
Concen: 4.652 ng/ul
RT: 17.157 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP021001.D
Acq: 16 Jul 2024 22:22

Instrument :
BNA_P
ClientSampleId :
A4BT3

Tgt Ion:178 Resp: 259887

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	17.9	15.0	22.4

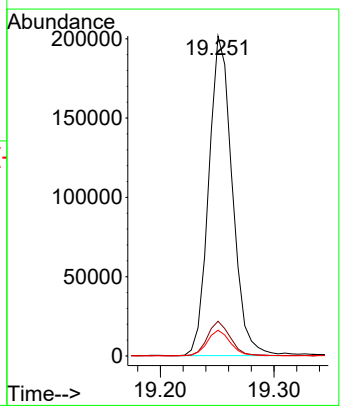


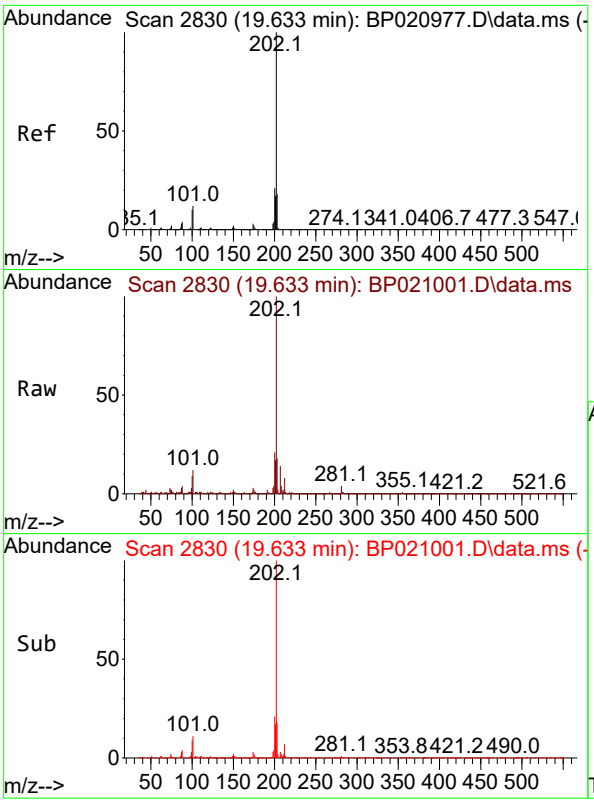


#80
Fluoranthene
Concen: 3.389 ng/ul
RT: 19.251 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP021001.D
Acq: 16 Jul 2024 22:22

Tgt Ion:202 Resp: 289747

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.0	12.0
100	8.1	6.1	9.1



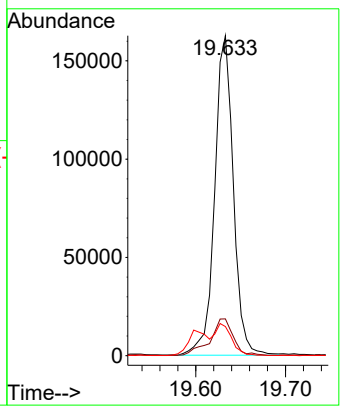


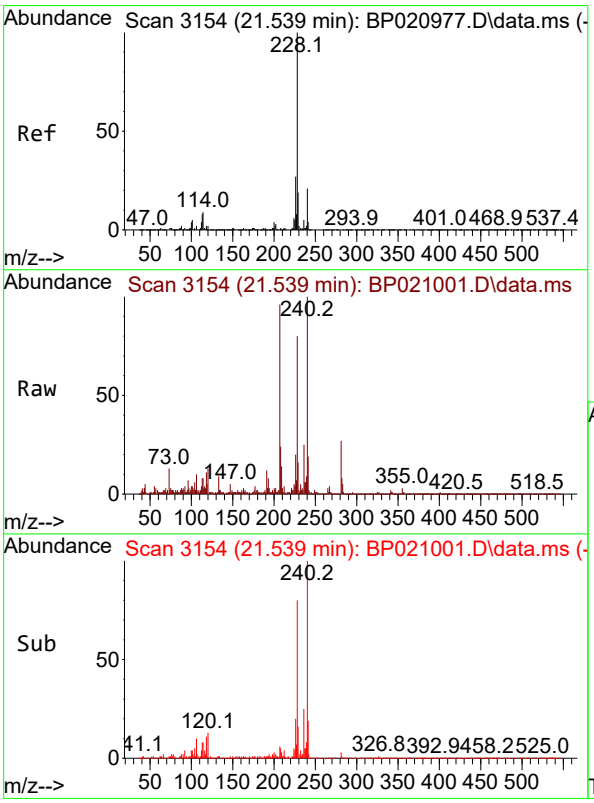
#82
Pyrene
Concen: 2.700 ng/ul
RT: 19.633 min Scan# 2
Delta R.T. 0.005 min
Lab File: BP021001.D
Acq: 16 Jul 2024 22:22

Instrument :
BNA_P
ClientSampleId :
A4BT3

Tgt Ion:202 Resp: 234924

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.4	14.2
100	9.1	7.8	11.6

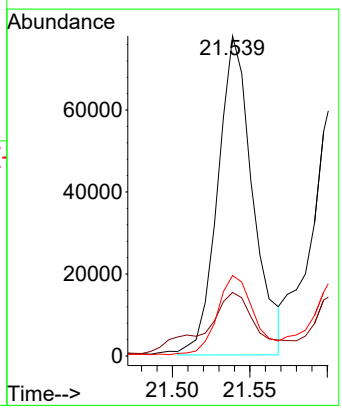


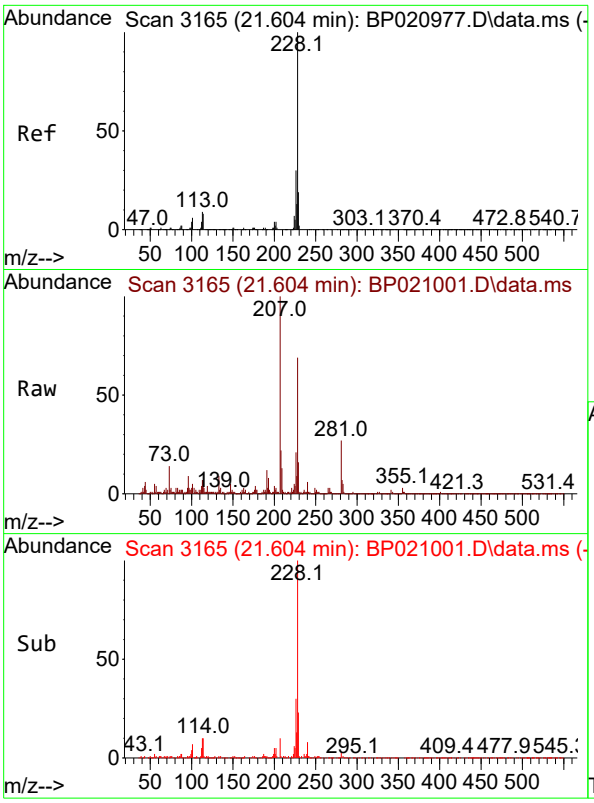


#85
Benzo(a)anthracene
Concen: 1.528 ng/ul
RT: 21.539 min Scan# 3154
Delta R.T. 0.005 min
Lab File: BP021001.D
Acq: 16 Jul 2024 22:22

Tgt Ion:228 Resp: 122563

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.5	23.3
226	25.2	21.4	32.2



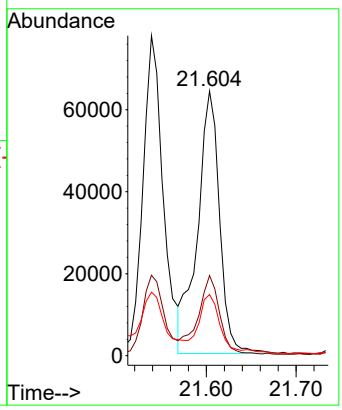


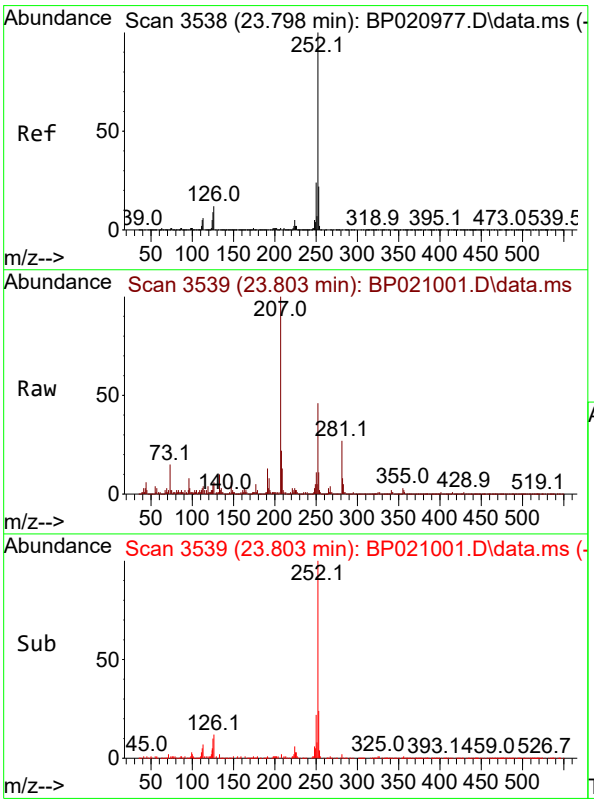
#87
Chrysene
Concen: 1.474 ng/ul
RT: 21.604 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP021001.D
Acq: 16 Jul 2024 22:22

Instrument :
BNA_P
ClientSampleId :
A4BT3

Tgt Ion:228 Resp: 109838

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.6	35.4
229	23.1	15.5	23.3

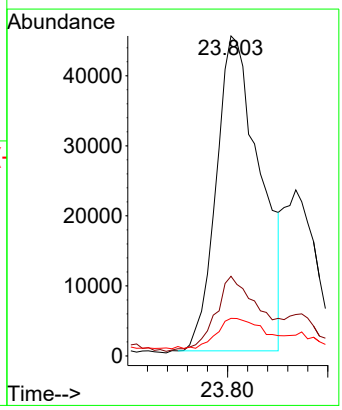


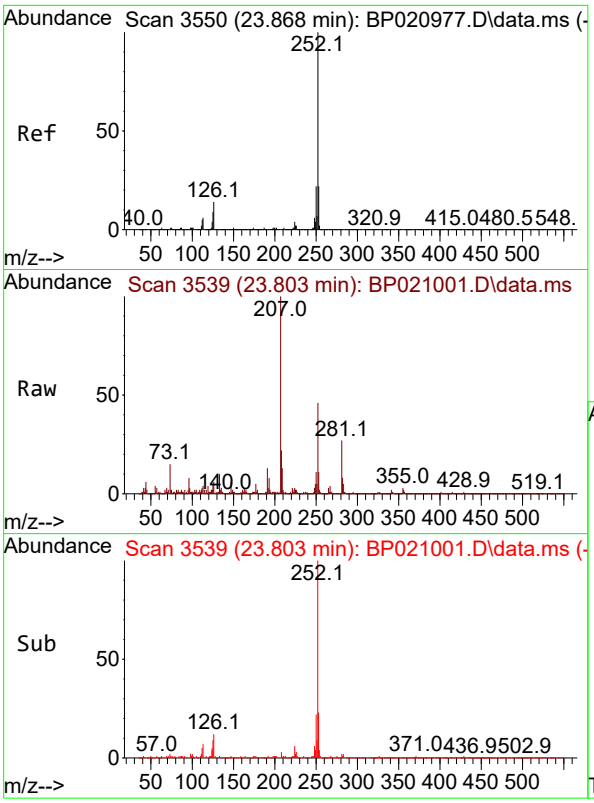


#90
Benzo(b)fluoranthene
Concen: 1.663 ng/ul
RT: 23.803 min Scan# 3539
Delta R.T. 0.023 min
Lab File: BP021001.D
Acq: 16 Jul 2024 22:22

Tgt Ion:252 Resp: 136638

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	11.8	7.0	10.4#



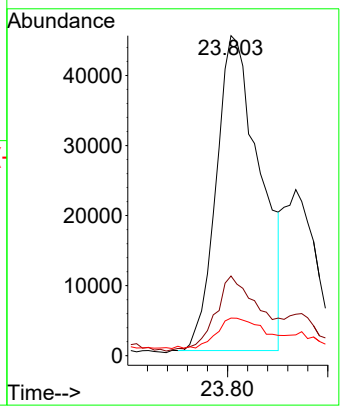


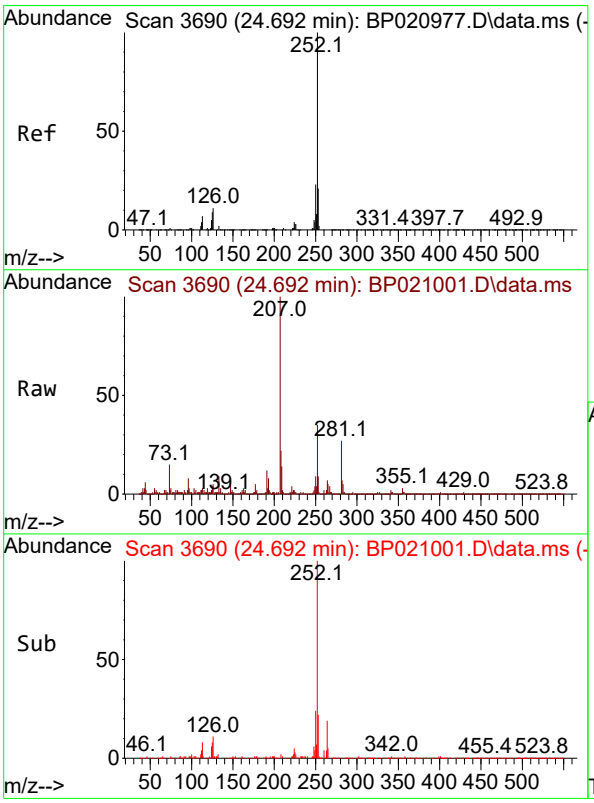
#91
Benzo(k)fluoranthene
Concen: 1.666 ng/ul
RT: 23.803 min Scan# 3
Delta R.T. -0.048 min
Lab File: BP021001.D
Acq: 16 Jul 2024 22:22

Instrument :
BNA_P
ClientSampleId :
A4BT3

Tgt Ion:252 Resp: 136638

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.2
125	11.8	7.4	11.0#





#93
Benzo(a)pyrene
Concen: 1.227 ng/ul
RT: 24.692 min Scan# 3690
Delta R.T. 0.023 min
Lab File: BP021001.D
Acq: 16 Jul 2024 22:22

Tgt Ion:252 Resp: 95273

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.0
125	12.1	7.7	11.5#