Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020332.D
Acq On : 11 May 2024 22:15
Operator : MA/JU
Sample : P2371-18
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43T0

Quant Time: May 12 23:16:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	73574	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	301864	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	207802	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.128	188	489491	20.000	ng/ul	-0.01
79) Chrysene-d12	21.616	240	503010	20.000	ng/ul	-0.02
88) Perylene-d12	24.992	264	581624	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	7564	4.342	ng/uL	0.00
4) Pyridine-d5	3.616	84	100067	19.769	ng/ul	0.00
7) Phenol-d5	6.805	99	143415	22.698	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	87490	22.794	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	114072	25.254	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	125517	24.571	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	59893	26.496	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	70462	27.220	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	120395	25.487	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	168108	25.428	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	502433	33.109	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	540503	32.243	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	30115	12.912	ng/ul	0.02
60) Fluorene-d10	15.310	176	432746	34.190	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	57399	18.479	ng/ul	0.00
73) Anthracene-d10	17.228	188	710531	33.554	ng/ul	-0.02
81) Pyrene-d10	19.633	212	906501	30.830	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.751	264	945535	33.622	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.169	178	46282	1.853	ng/ul	95
74) Anthracene	17.169	178	46324	1.824	ng/ul	97
80) Fluoranthene	19.286	202	117007	3.381	ng/ul	97
82) Pyrene	19.663	202	159785	4.438	ng/ul	97
85) Benzo(a)anthracene	21.668	228	47951	1.405	ng/ul	96
87) Chrysene	21.668	228	47991	1.518	ng/ul	97
90) Benzo(b)fluoranthene	23.927	252	59842	1.730	ng/ul#	98
93) Benzo(a)pyrene	24.821	252	56782	1.725	ng/ul#	97

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

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Misc :
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Quant Title : SVOA CALIBRATION
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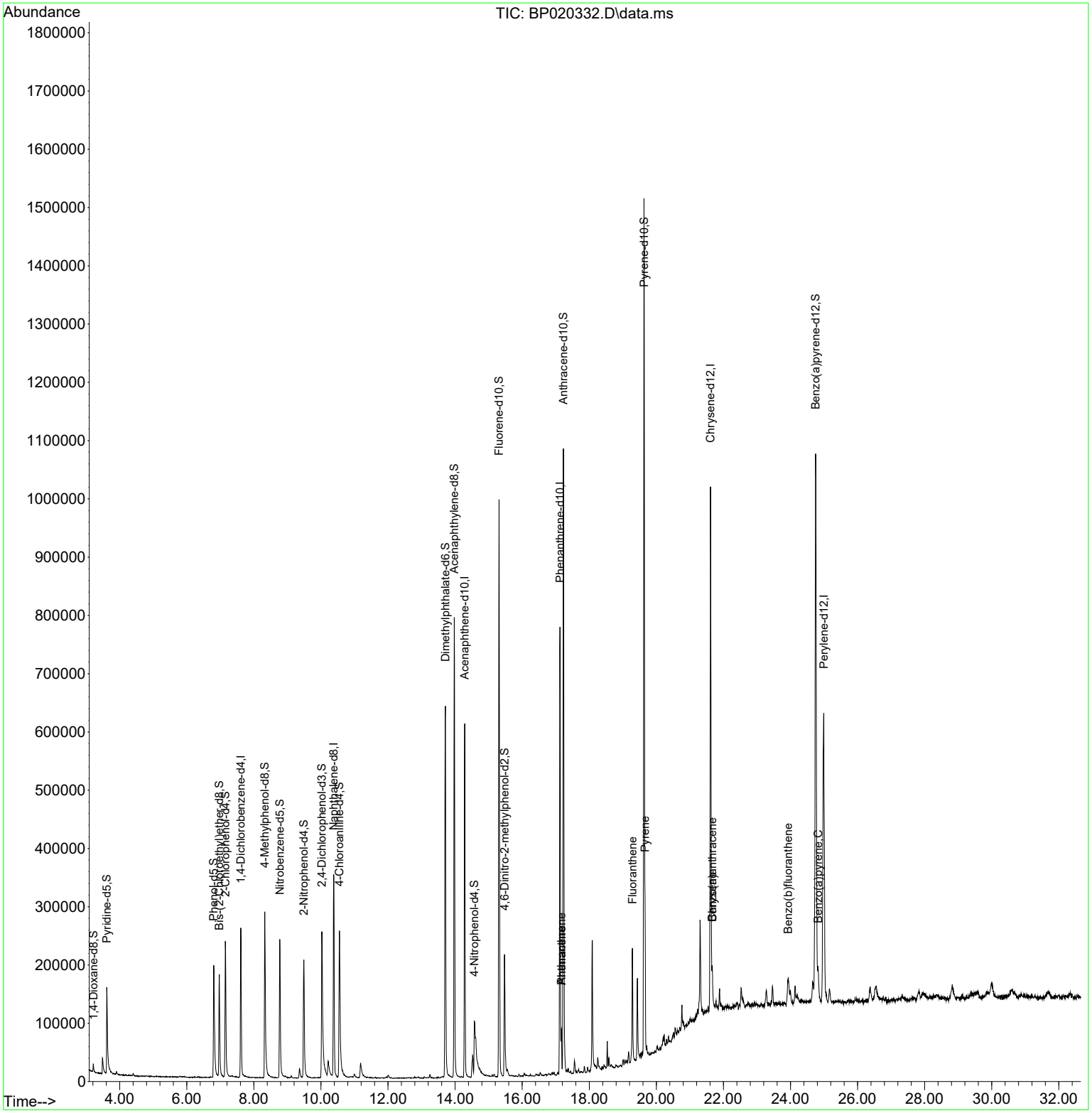
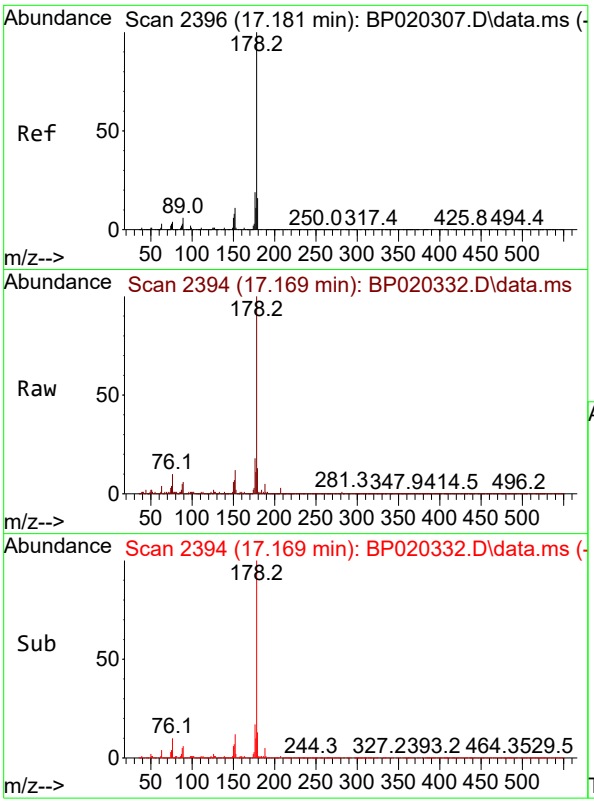


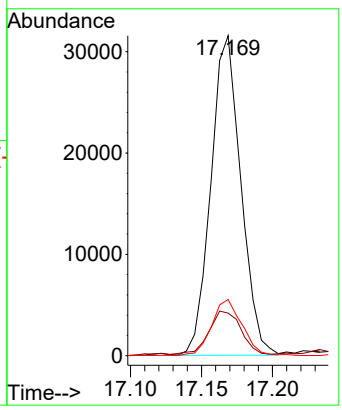


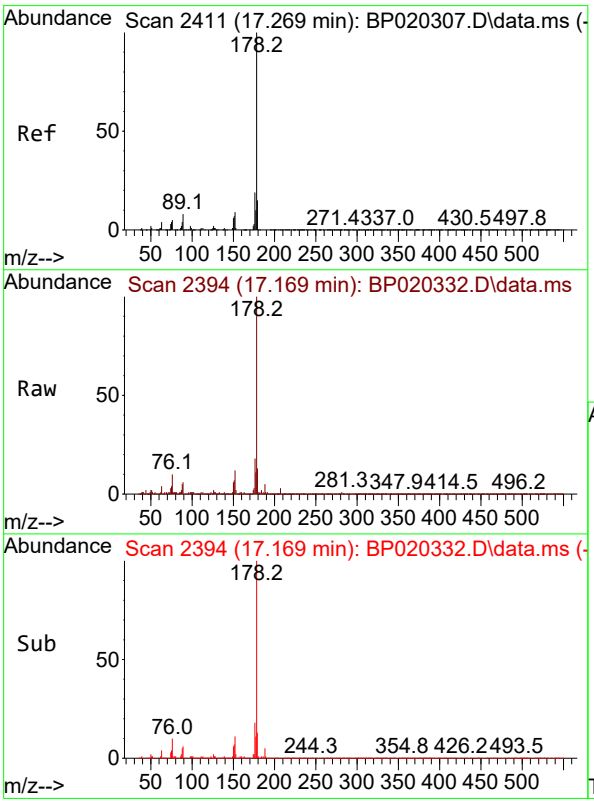
#72
Phenanthrene
Concen: 1.853 ng/ul
RT: 17.169 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP020332.D
Acq: 11 May 2024 22:15

Instrument :
BNA_P
ClientSampleId :
A43T0

Tgt Ion:178 Resp: 46282

Ion	Ratio	Lower	Upper
178	100		
179	13.3	13.0	19.6
176	17.6	15.2	22.8

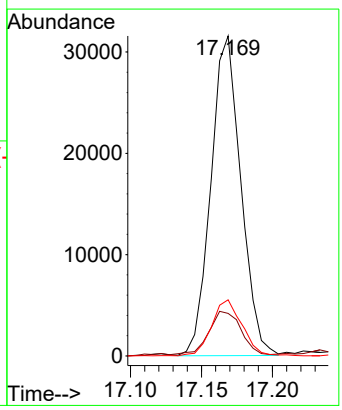


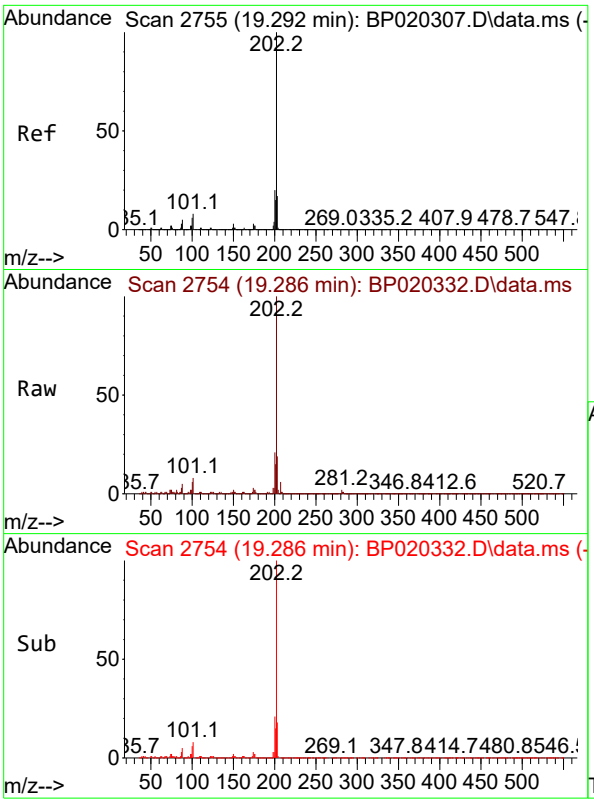


#74
Anthracene
Concen: 1.824 ng/ul
RT: 17.169 min Scan# 2394
Delta R.T. -0.106 min
Lab File: BP020332.D
Acq: 11 May 2024 22:15

Tgt Ion:178 Resp: 46324

Ion	Ratio	Lower	Upper
178	100		
179	13.3	12.0	18.0
176	17.6	14.8	22.2



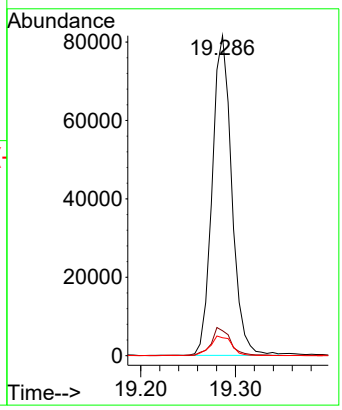


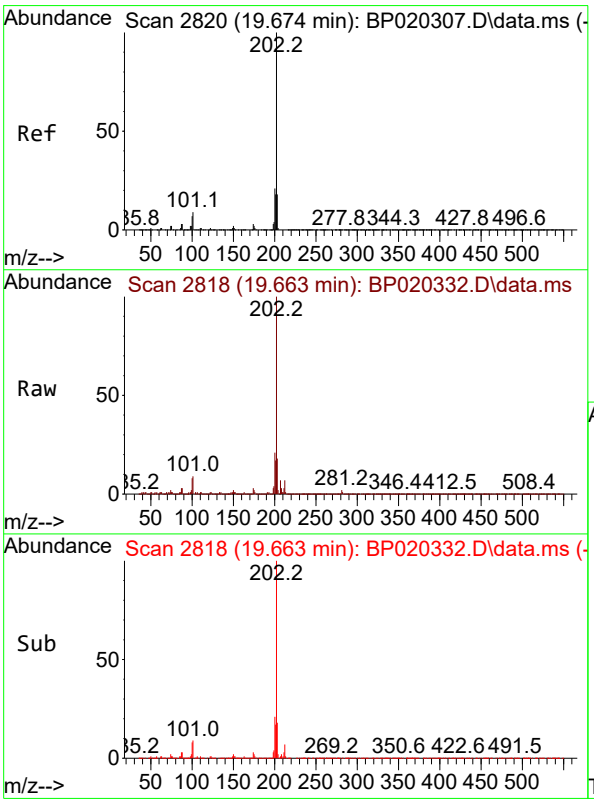
#80
Fluoranthene
Concen: 3.381 ng/ul
RT: 19.286 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP020332.D
Acq: 11 May 2024 22:15

Instrument :
BNA_P
ClientSampleId :
A43T0

Tgt Ion:202 Resp: 117007

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.0	10.4
100	5.6	5.5	8.3

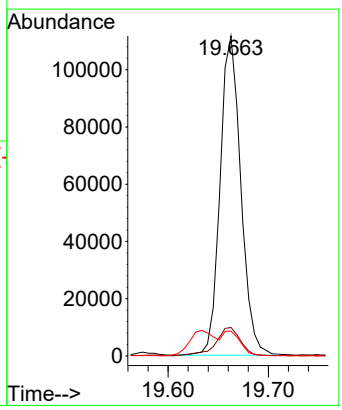


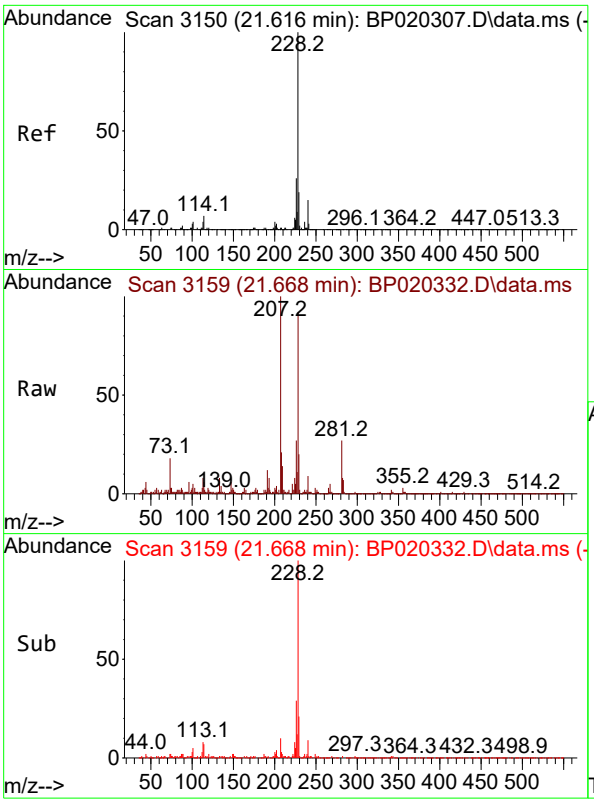


#82
Pyrene
Concen: 4.438 ng/ul
RT: 19.663 min Scan# 2818
Delta R.T. -0.012 min
Lab File: BP020332.D
Acq: 11 May 2024 22:15

Tgt Ion:202 Resp: 159785

Ion	Ratio	Lower	Upper
202	100		
101	8.9	8.1	12.1
100	7.7	6.8	10.2



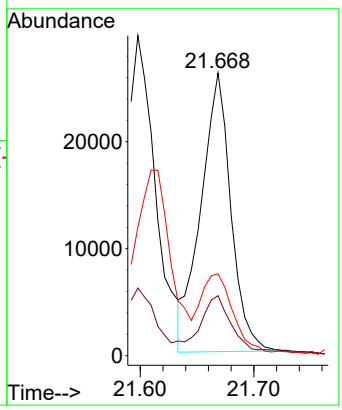


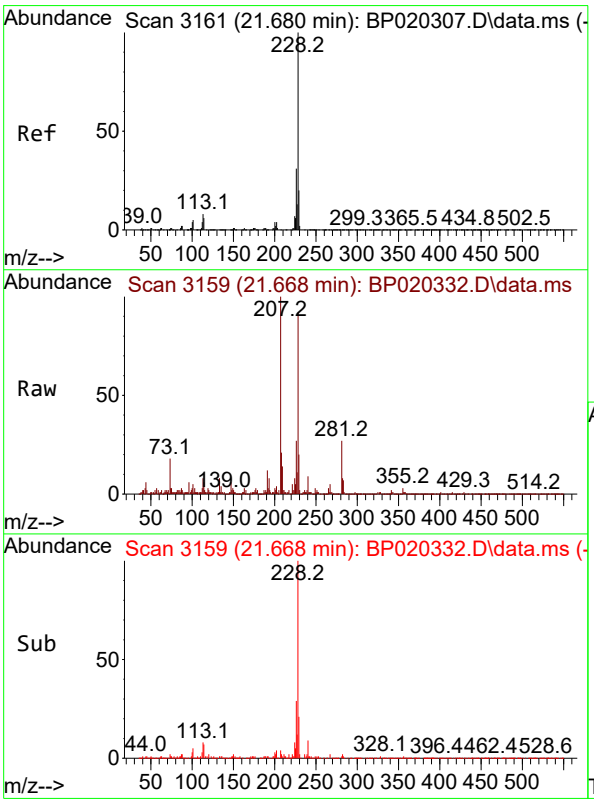
#85
Benzo(a)anthracene
Concen: 1.405 ng/ul
RT: 21.668 min Scan# 3
Delta R.T. 0.053 min
Lab File: BP020332.D
Acq: 11 May 2024 22:15

Instrument :
BNA_P
ClientSampleId :
A43T0

Tgt Ion:228 Resp: 47951

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.9	21.5	32.3

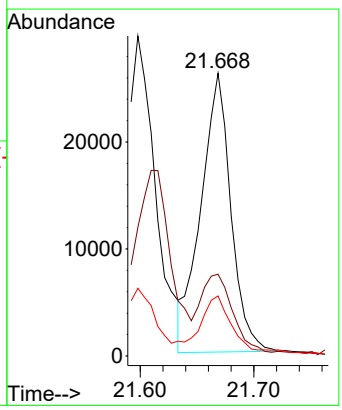


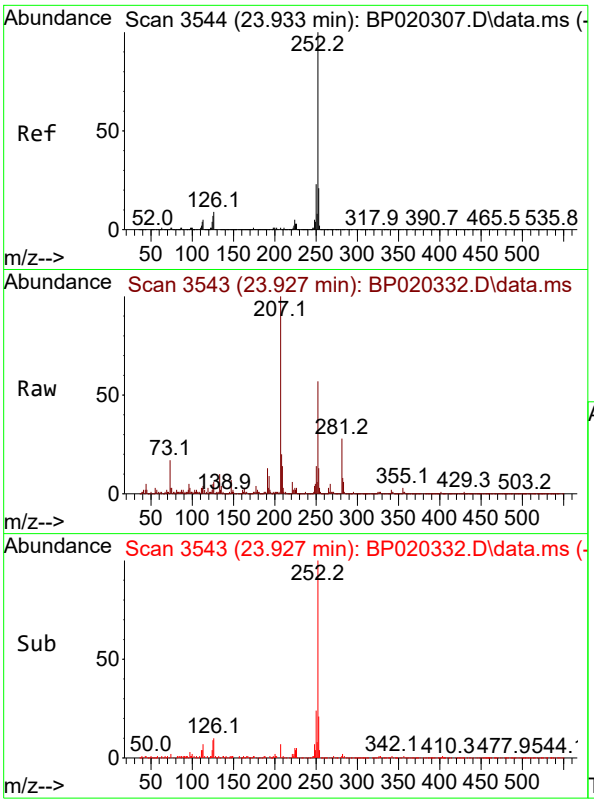


#87
Chrysene
Concen: 1.518 ng/ul
RT: 21.668 min Scan# 3159
Delta R.T. -0.018 min
Lab File: BP020332.D
Acq: 11 May 2024 22:15

Tgt Ion:228 Resp: 47991

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.2	36.4
229	21.2	15.9	23.9



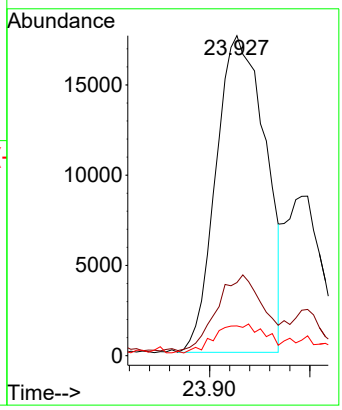


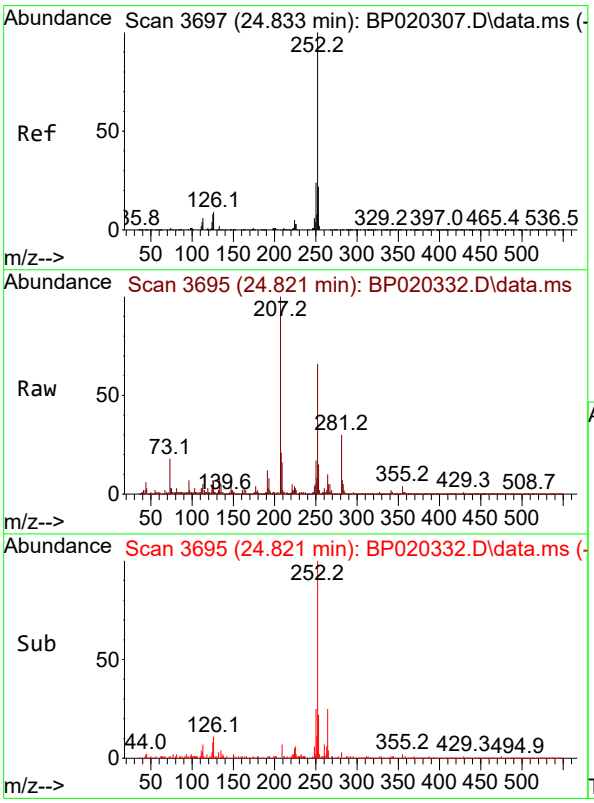
#90
Benzo(b)fluoranthene
Concen: 1.730 ng/ul
RT: 23.927 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP020332.D
Acq: 11 May 2024 22:15

Instrument :
BNA_P
ClientSampleId :
A43T0

Tgt Ion:252 Resp: 59842

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	9.3	6.2	9.2#





#93
Benzo(a)pyrene
Concen: 1.725 ng/ul
RT: 24.821 min Scan# 3695
Delta R.T. -0.024 min
Lab File: BP020332.D
Acq: 11 May 2024 22:15

Tgt Ion:252 Resp: 56782

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.4	6.6	10.0#