Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018909.D
Acq On : 18 Dec 2023 16:26
Operator : MA/JU
Sample : 05794-22 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGRG3

Quant Time: Dec 18 21:41:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	277797	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	1004749	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	574987	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	1176548	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1159288	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1407190	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	859	0.105	ng/uL	0.01
4) Pyridine-d5	3.669	84	151	0.007	ng/ul	0.00
7) Phenol-d5	7.005	99	13964	0.501	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	9591	0.580	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	11812	0.543	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	11298	0.501	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	5322	0.595	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	5268	0.568	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	9516	0.502	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	3353	0.135	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	33169	0.646	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	37587	0.665	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	211	0.025	ng/ul	0.00
60) Fluorene-d10	15.451	176	30025	0.697	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	450	0.064	ng/ul	0.00
73) Anthracene-d10	17.310	188	48441	0.783	ng/ul	0.00
81) Pyrene-d10	19.551	212	56102	0.622	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	57277	0.698	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.251	178	371315	5.226	ng/ul	100
74) Anthracene	17.345	178	87379	1.227	ng/ul	98
82) Pyrene	19.580	202	517622	4.810	ng/ul	94
85) Benzo(a)anthracene	21.286	228	234634	2.494	ng/ul	97
87) Chrysene	21.339	228	239417	2.763	ng/ul	96
90) Benzo(b)fluoranthene	22.951	252	253421	2.443	ng/ul#	91
93) Benzo(a)pyrene	23.562	252	186869	1.971	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.127	276	126309	1.115	ng/ul	94

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

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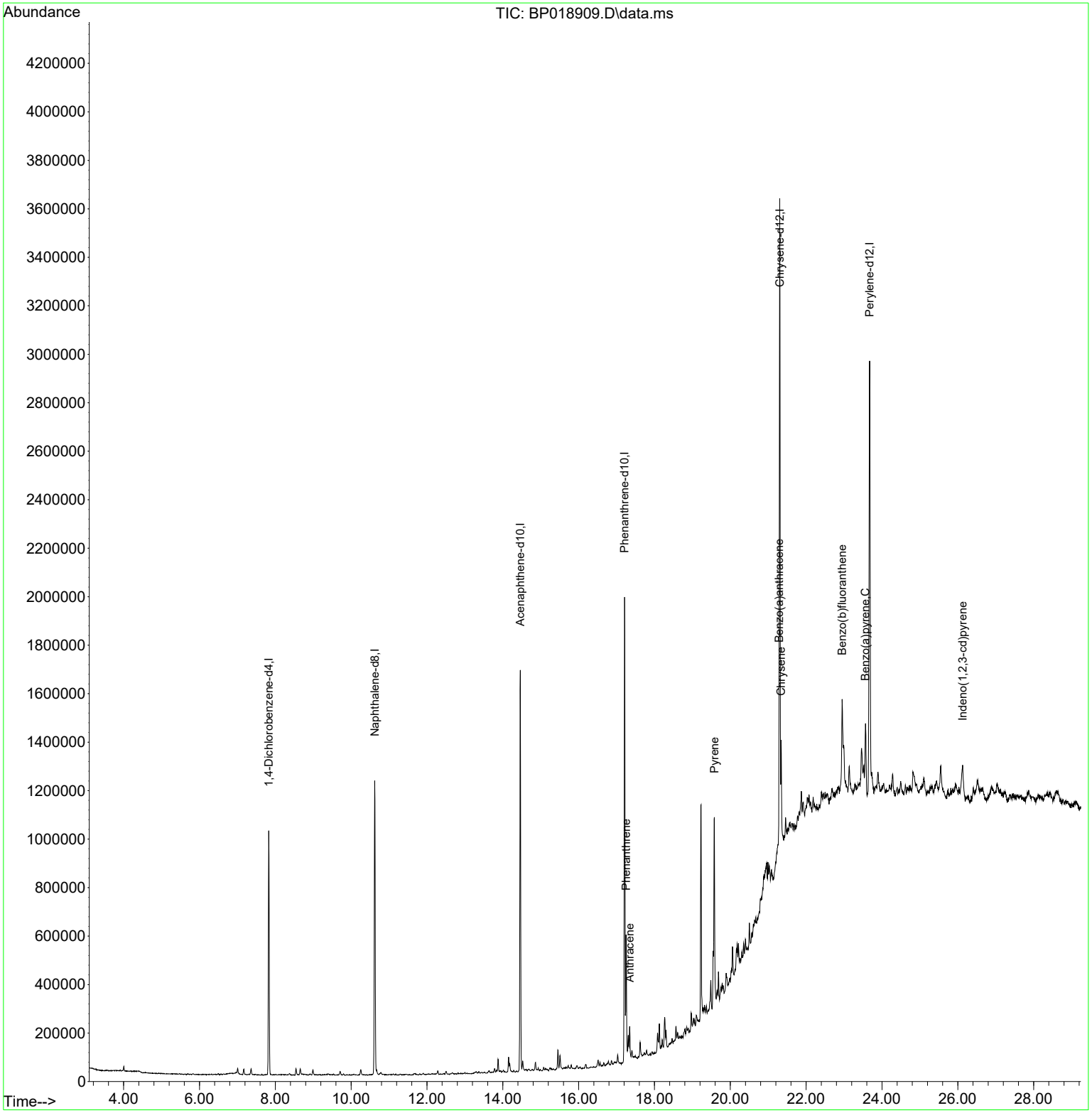
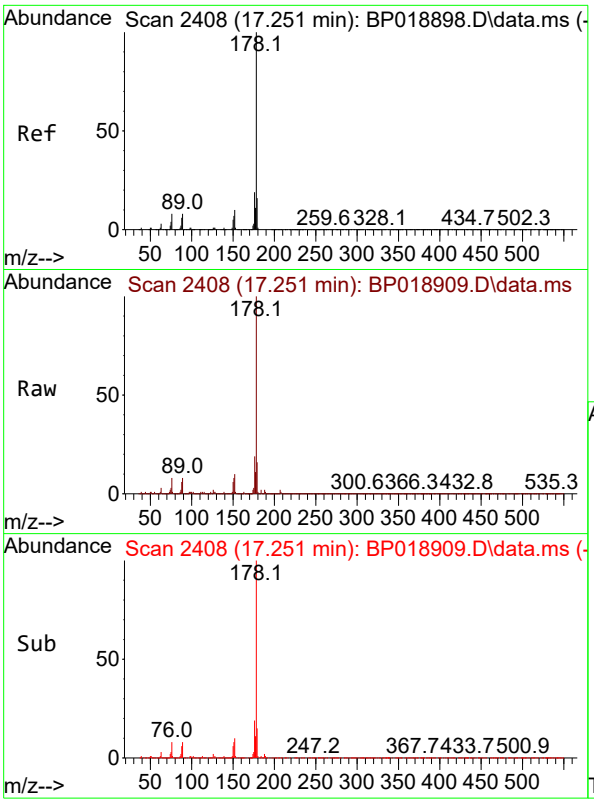


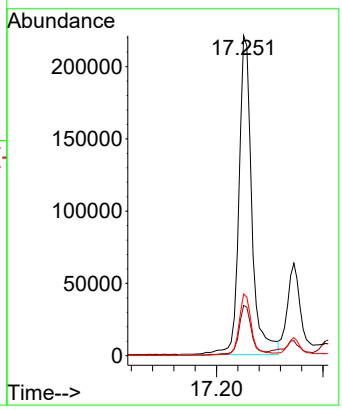


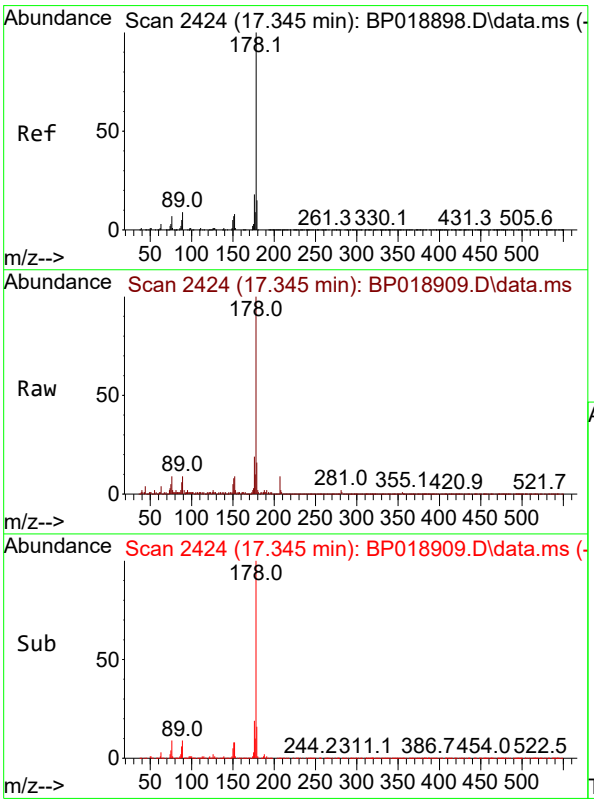
#72
Phenanthrene
Concen: 5.226 ng/ul
RT: 17.251 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Instrument :
BNA_P
ClientSampleId :
BGRG3

Tgt Ion:178 Resp: 371315

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.2	15.4	23.2

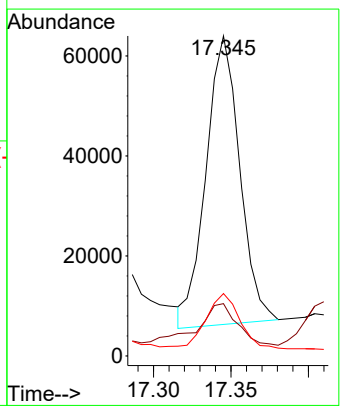


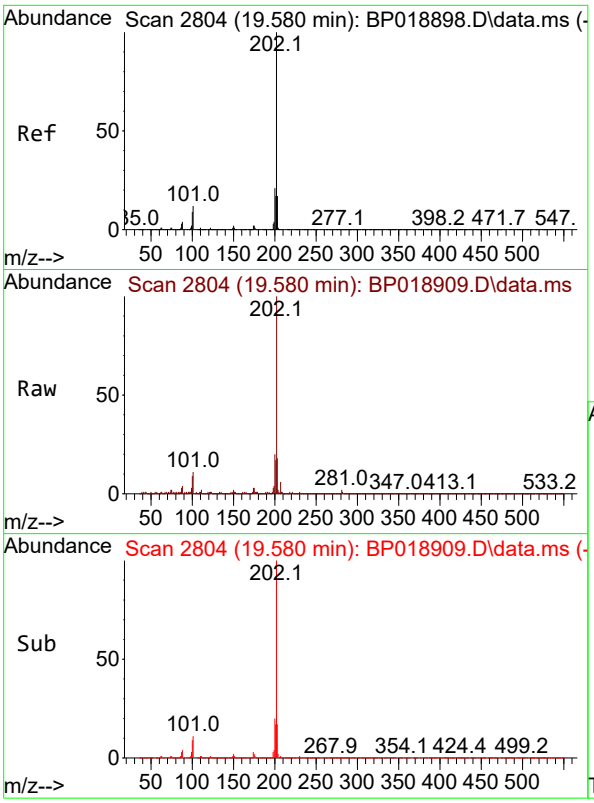


#74
Anthracene
Concen: 1.227 ng/ul
RT: 17.345 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Tgt Ion:178 Resp: 87379

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	19.5	15.0	22.6



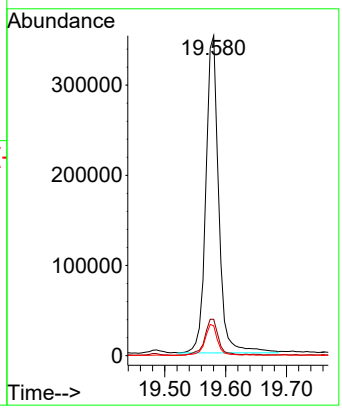


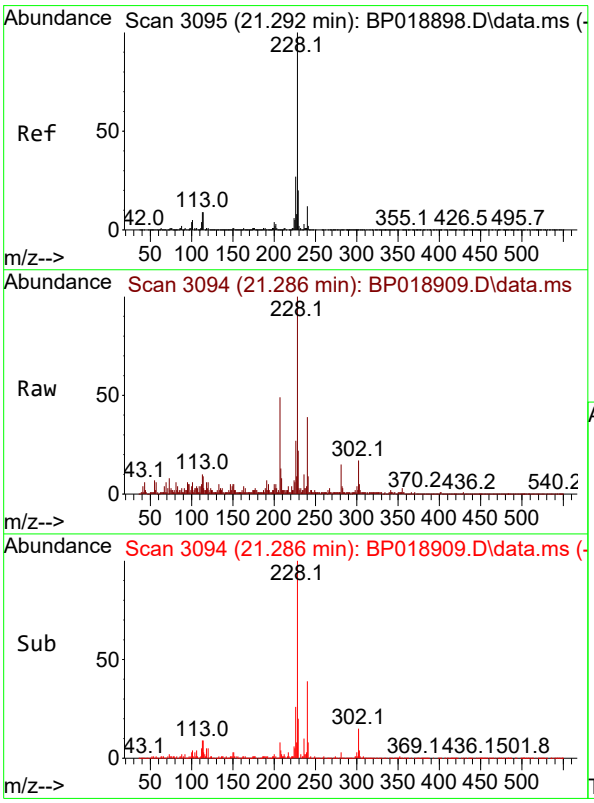
#82
Pyrene
Concen: 4.810 ng/ul
RT: 19.580 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Instrument :
BNA_P
ClientSampleId :
BGRG3

Tgt Ion:202 Resp: 517622

Ion	Ratio	Lower	Upper
202	100		
101	11.4	11.0	16.4
100	9.4	9.1	13.7

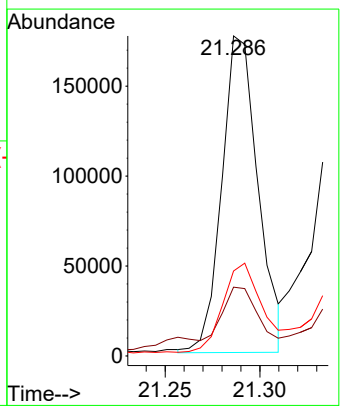


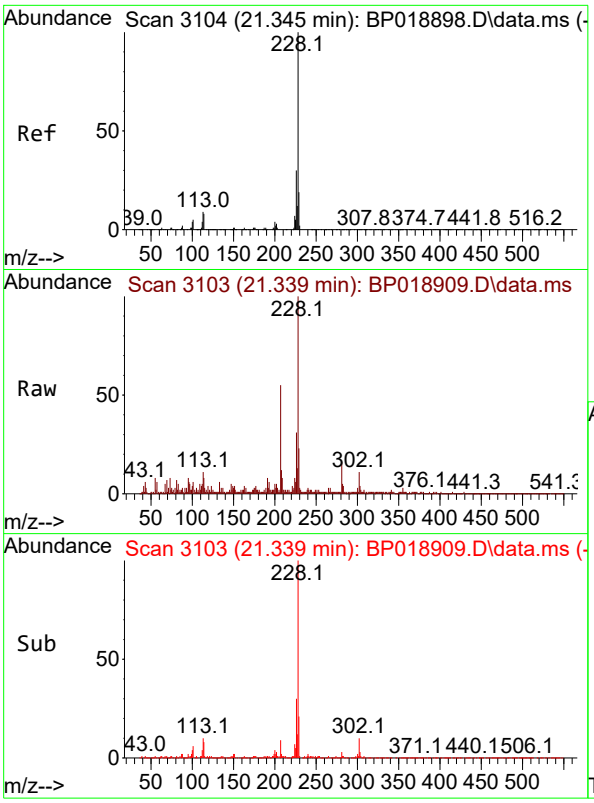


#85
Benzo(a)anthracene
Concen: 2.494 ng/ul
RT: 21.286 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Tgt Ion:228 Resp: 234634

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	26.6	21.9	32.9



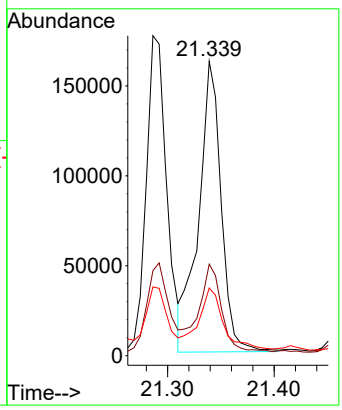


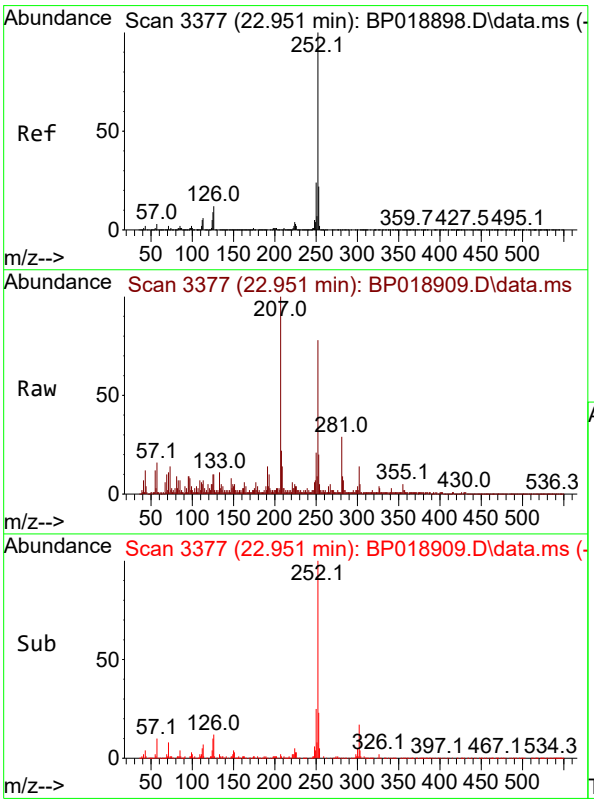
#87
Chrysene
Concen: 2.763 ng/ul
RT: 21.339 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Instrument :
BNA_P
ClientSampleId :
BGRG3

Tgt Ion:228 Resp: 239417

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.9	35.9
229	23.0	15.6	23.4

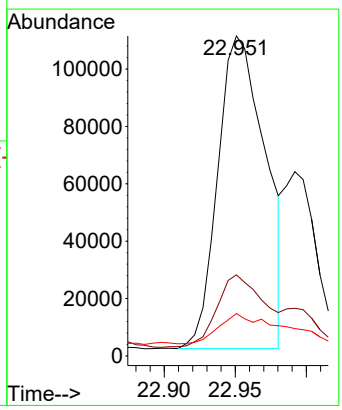


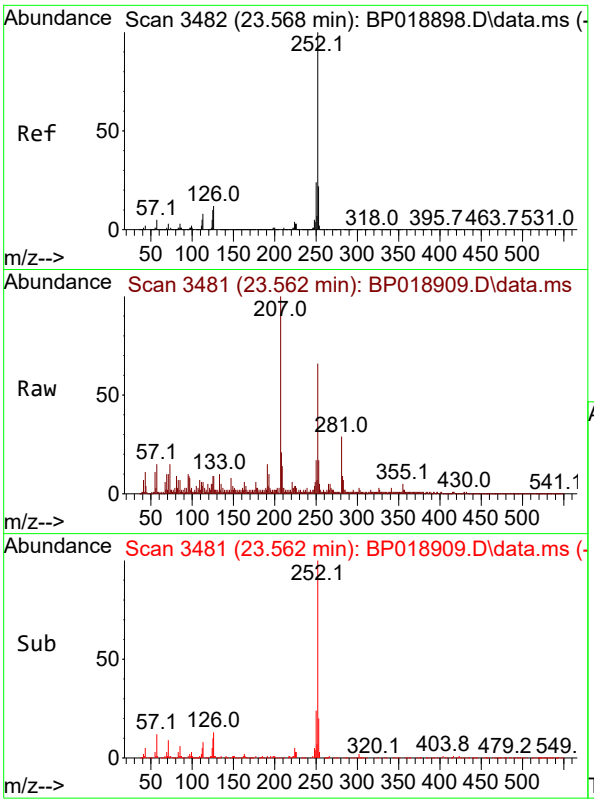


#90
Benzo(b)fluoranthene
Concen: 2.443 ng/ul
RT: 22.951 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Tgt Ion:252 Resp: 253421

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.3	25.9
125	13.3	7.8	11.6#



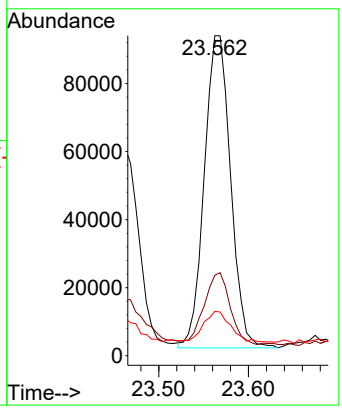


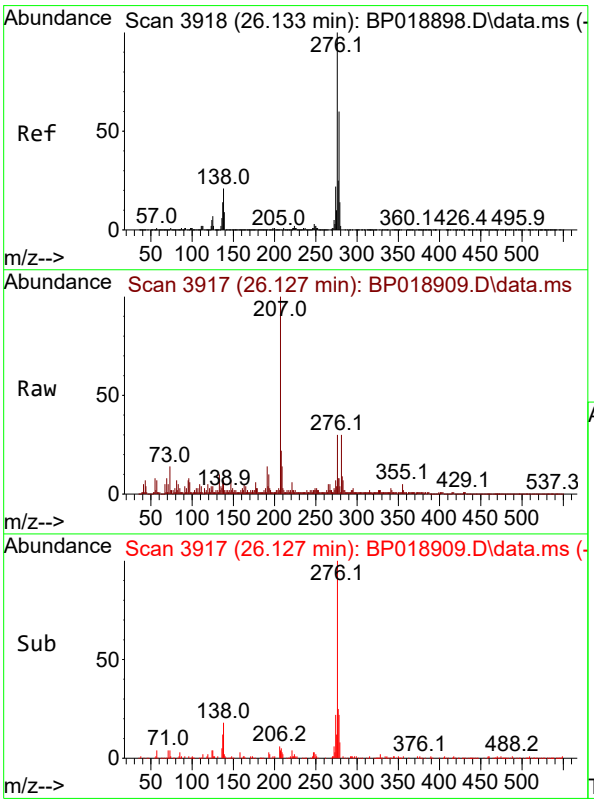
#93
Benzo(a)pyrene
Concen: 1.971 ng/ul
RT: 23.562 min Scan# 34
Delta R.T. -0.000 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Instrument :
BNA_P
ClientSampleId :
BGRG3

Tgt Ion:252 Resp: 186869

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	13.9	9.2	13.8#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.115 ng/ul
RT: 26.127 min Scan# 3917
Delta R.T. 0.006 min
Lab File: BP018909.D
Acq: 18 Dec 2023 16:26

Tgt Ion:276 Resp: 126309

Ion	Ratio	Lower	Upper
276	100		
138	22.1	19.4	29.2
277	28.0	19.8	29.6