Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020931.D
Acq On : 12 Jul 2024 12:06
Operator : MA/JU
Sample : P3087-18
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Jul 12 23:16:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4BR3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	250159	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	988931	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.345	164	617433	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.163	188	1295866	20.000	ng/ul	-0.02
79) Chrysene-d12	21.616	240	1310946	20.000	ng/ul	0.00
88) Perylene-d12	24.962	264	1525715	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	23409	4.258	ng/uL	0.00
4) Pyridine-d5	3.669	84	295991	18.598	ng/ul	0.00
7) Phenol-d5	6.916	99	478808	23.477	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	306152	24.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	414747	24.682	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	391885	23.135	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	195676	25.475	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	222219	25.277	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	373364	23.486	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	491516	23.339	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	1080033	24.063	ng/ul	-0.02
49) Acenaphthylene-d8	14.034	160	1229574	24.397	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.610	143	148343m	23.229	ng/ul	0.00
60) Fluorene-d10	15.363	176	914280	24.829	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	118238	15.080	ng/ul	0.00
73) Anthracene-d10	17.269	188	1403280	24.381	ng/ul	0.00
81) Pyrene-d10	19.651	212	1765683	21.786	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.739	264	1914986	25.449	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.210	178	350641	5.216	ng/ul	99
80) Fluoranthene	19.298	202	421668	4.308	ng/ul	100
82) Pyrene	19.674	202	352455	3.539	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	492794	16.451	ng/ul	98
85) Benzo(a)anthracene	21.598	228	152796	1.664	ng/ul	99
87) Chrysene	21.668	228	147148m	1.724	ng/ul	
90) Benzo(b)fluoranthene	23.910	252	178180	1.924	ng/ul#	94
93) Benzo(a)pyrene	24.809	252	118239	1.351	ng/ul#	94

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

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
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ClientSampleId :
A4BR3

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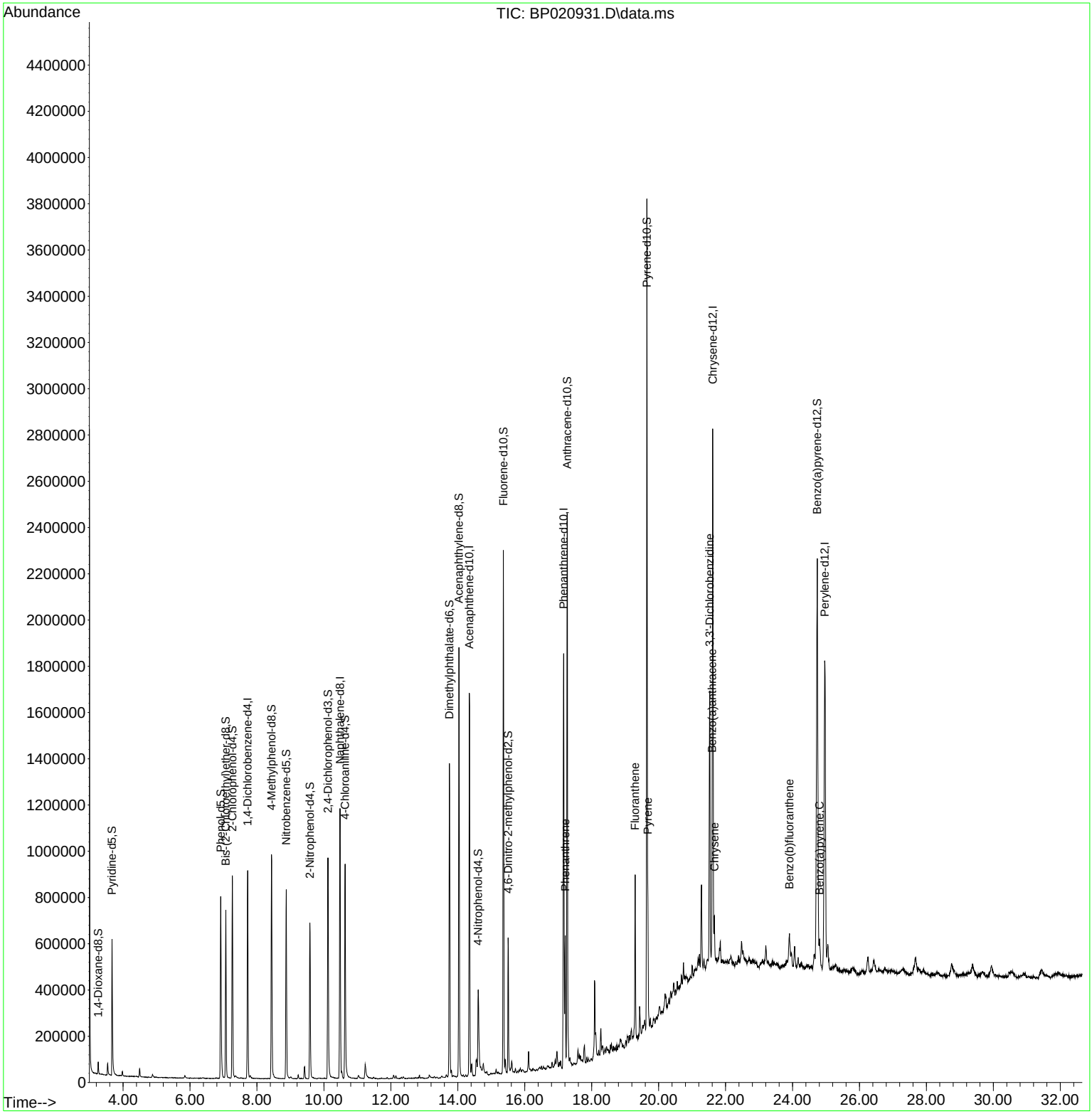

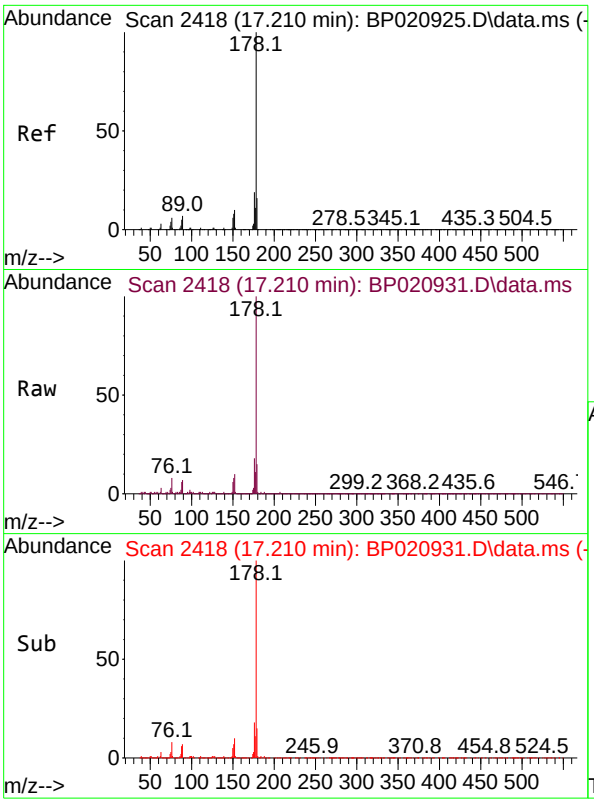

#72
Phenanthrene
Concen: 5.216 ng/ul
RT: 17.210 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP020931.D
Acq: 12 Jul 2024 12:06

Tgt Ion:178 Resp: 35064

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.2	15.0	22.4

Instrument :
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ClientSampleId :
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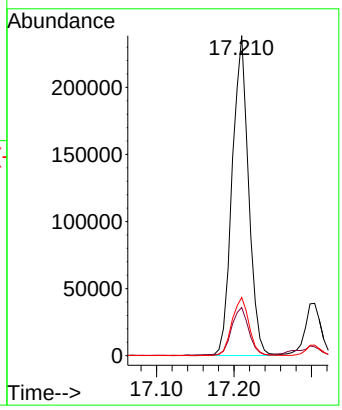
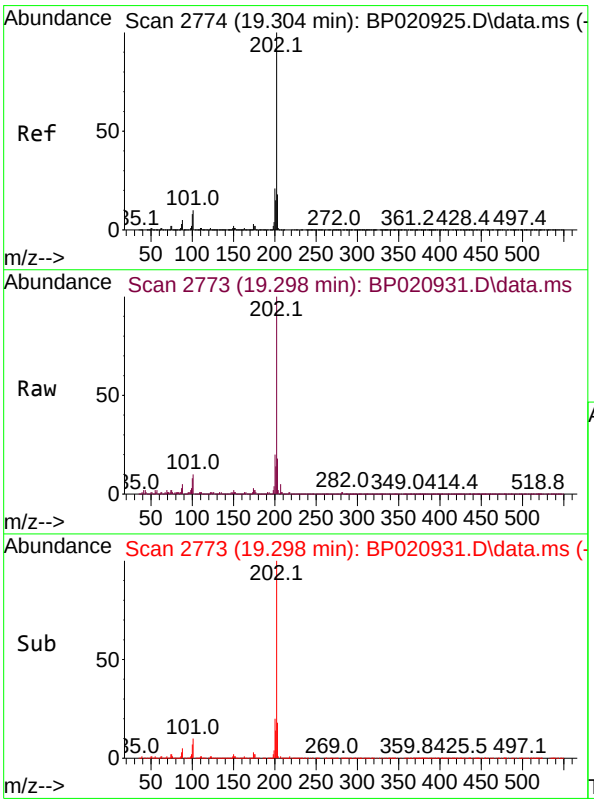
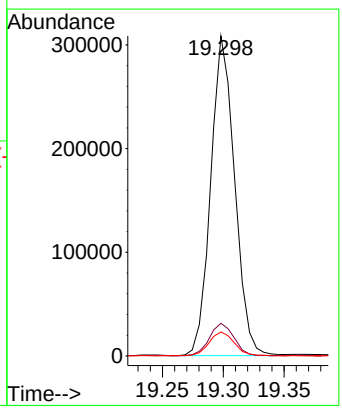


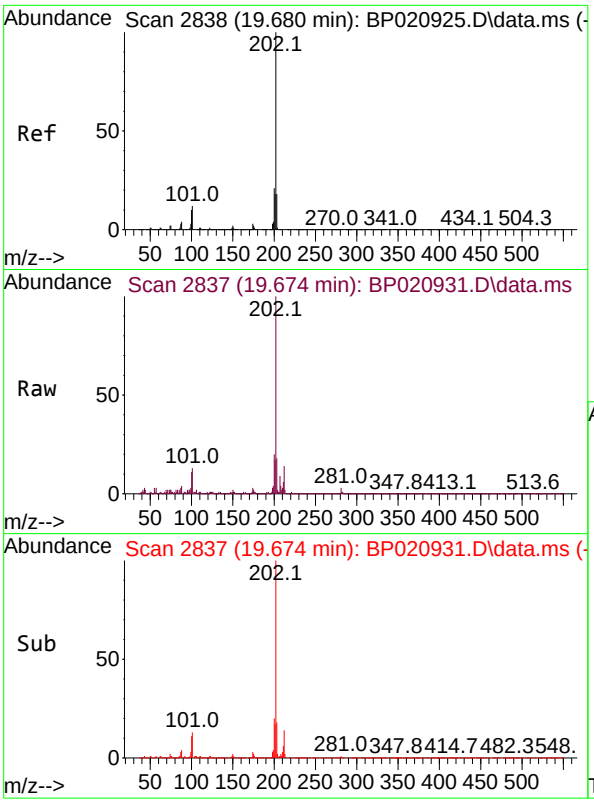


#80
Fluoranthene
Concen: 4.308 ng/ul
RT: 19.298 min Scan# 2773
Delta R.T. -0.012 min
Lab File: BP020931.D
Acq: 12 Jul 2024 12:06

Tgt Ion:202 Resp: 421668

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.0	12.0
100	7.5	6.1	9.1

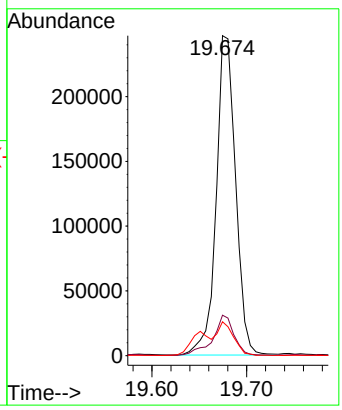




#82
Pyrene
Concen: 3.539 ng/ul
RT: 19.674 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP020931.D
Acq: 12 Jul 2024 12:06

Tgt Ion:202 Resp: 35245

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.4	14.2
100	10.6	7.8	11.6



Instrument :
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ClientSampleId :
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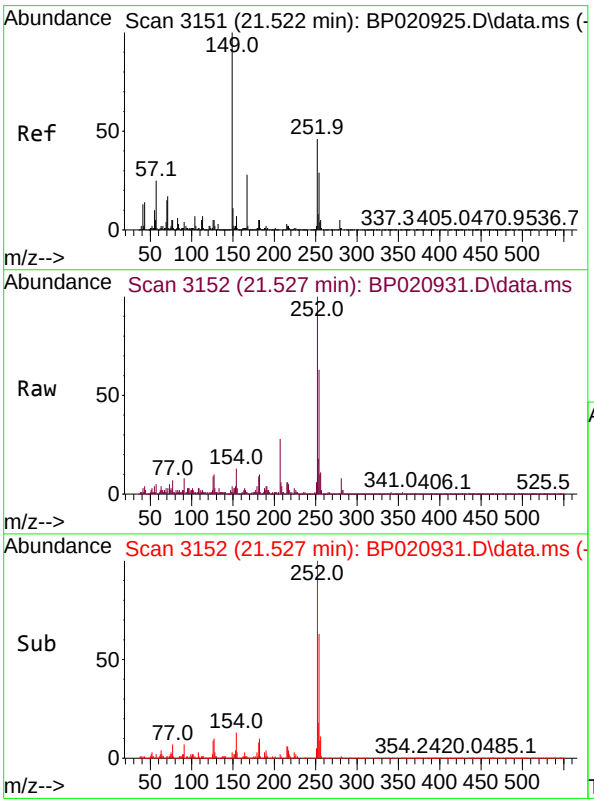
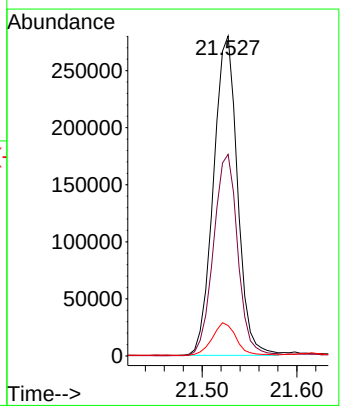
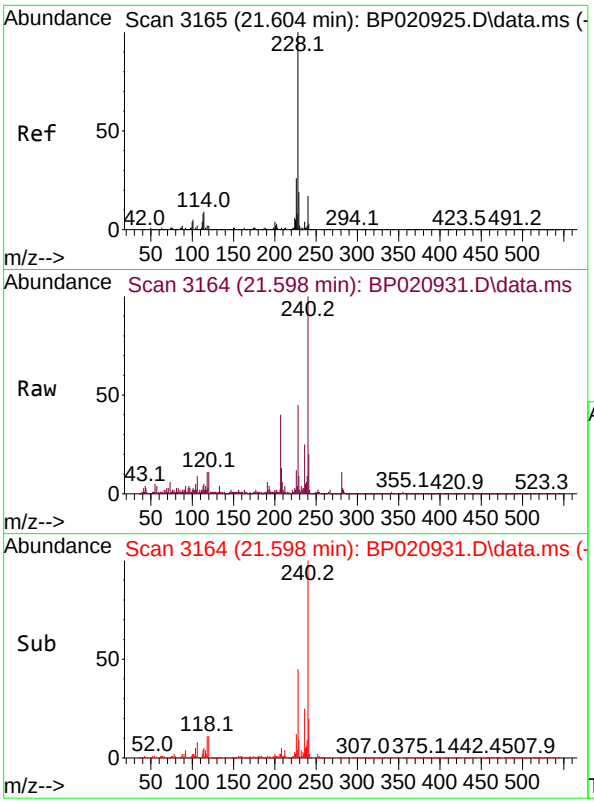


#84
3,3'-Dichlorobenzidine
Concen: 16.451 ng/ul
RT: 21.527 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020931.D
Acq: 12 Jul 2024 12:06

Tgt Ion:252 Resp: 492794

Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.5	77.3
126	9.5	8.0	12.0

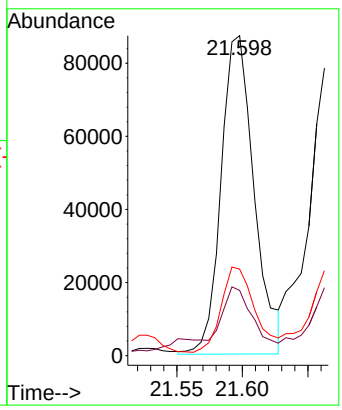




#85
Benzo(a)anthracene
Concen: 1.664 ng/ul
RT: 21.598 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP020931.D
Acq: 12 Jul 2024 12:06

Tgt Ion:228 Resp: 15279

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	27.0	21.4	32.2



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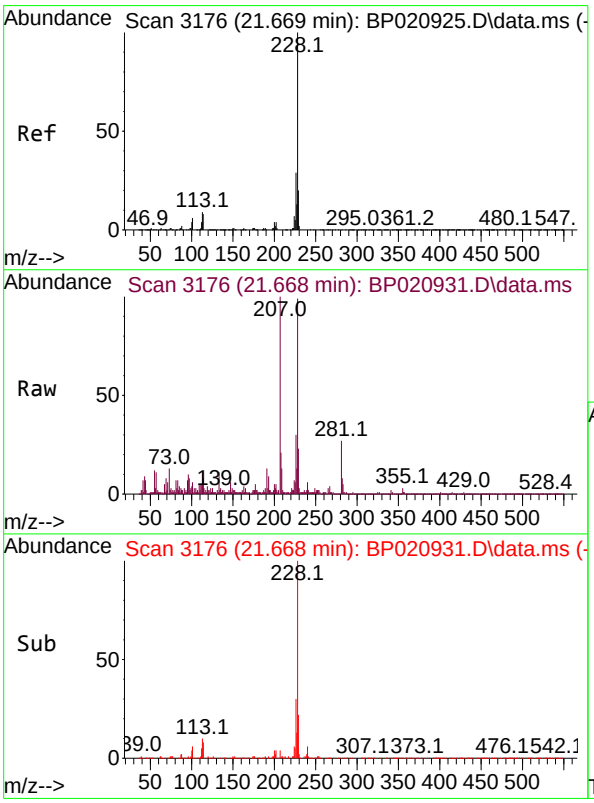
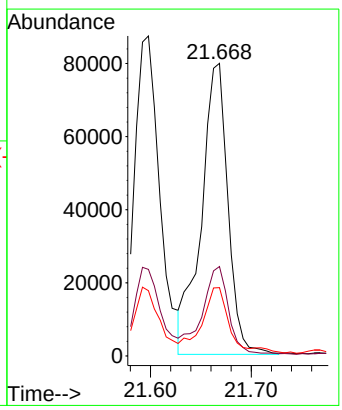
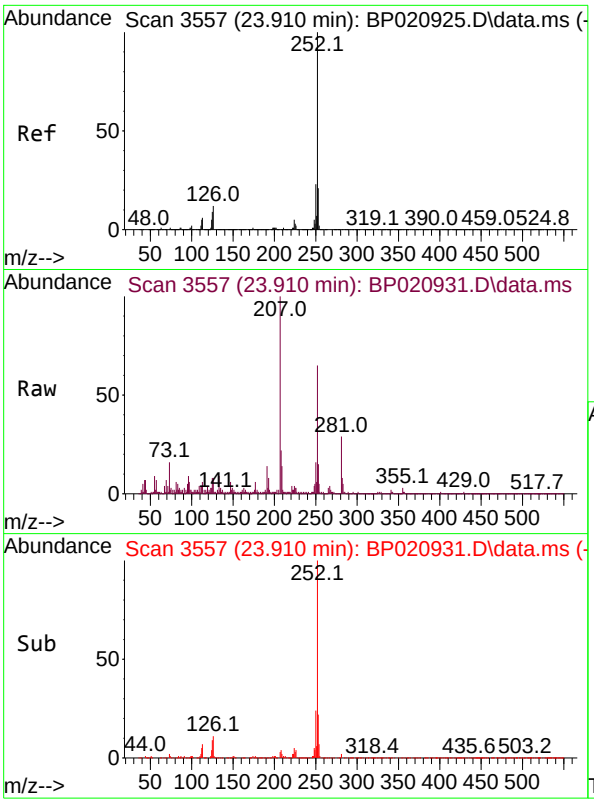


#87
Chrysene
Concen: 1.724 ng/ul m
RT: 21.668 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BP020931.D
Acq: 12 Jul 2024 12:06

Tgt Ion:228 Resp: 147148

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.6	35.4
229	23.3	15.5	23.3#

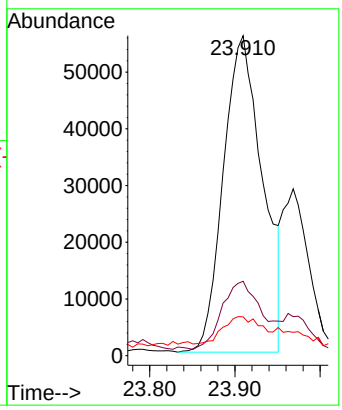




#90
Benzo(b)fluoranthene
Concen: 1.924 ng/ul
RT: 23.910 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP020931.D
Acq: 12 Jul 2024 12:06

Tgt Ion:252 Resp: 17818

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	12.2	7.0	10.4#



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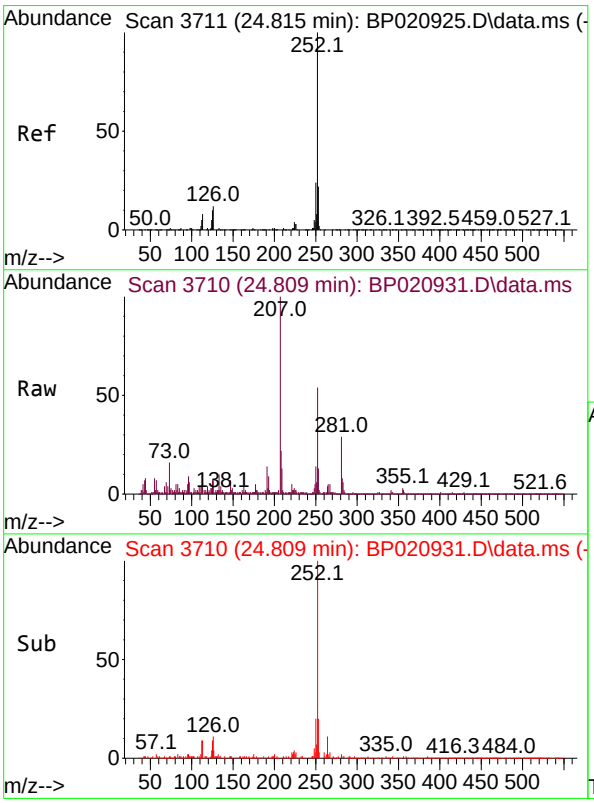

#93
Benzo(a)pyrene
Concen: 1.351 ng/ul
RT: 24.809 min Scan# 3710
Delta R.T. -0.018 min
Lab File: BP020931.D
Acq: 12 Jul 2024 12:06

Tgt Ion:252 Resp: 118239

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	13.8	7.7	11.5#