Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020763.D
Acq On : 02 Jul 2024 23:38
Operator : MA/JU
Sample : P3065-08
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CD4

Quant Time: Jul 03 00:08:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	209643	20.000	ng/ul	0.00
20) Naphthalene-d8	10.516	136	849123	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	533865	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	987513	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	751034	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	914411	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	17044	3.491	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.928	99	415925	24.189	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	252904	23.201	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	352644	25.094	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	345797	24.762	ng/ul	0.00
21) Nitrobenzene-d5	8.893	128	170904	27.262	ng/ul	0.00
24) 2-Nitrophenol-d4	9.604	143	195711	31.196	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	340324	26.335	ng/ul	0.00
31) 4-Chloroaniline-d4	10.651	131	209630	11.575	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	1014105	27.320	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	1134939	25.624	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	126080	22.231	ng/ul	0.01
60) Fluorene-d10	15.392	176	823842	26.375	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	90647	18.215	ng/ul	0.02
73) Anthracene-d10	17.292	188	1155130	26.064	ng/ul	0.01
81) Pyrene-d10	19.669	212	984557	21.821	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.768	264	714044	16.053	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.233	178	146965	2.842	ng/ul	98
80) Fluoranthene	19.322	202	292145	5.301	ng/ul	98
82) Pyrene	19.698	202	192269	3.402	ng/ul	99
85) Benzo(a)anthracene	21.621	228	131096	2.490	ng/ul	93
87) Chrysene	21.686	228	141308	2.840	ng/ul	99
90) Benzo(b)fluoranthene	23.927	252	209628	3.784	ng/ul#	95
91) Benzo(k)fluoranthene	23.998	252	69755	1.245	ng/ul#	90
93) Benzo(a)pyrene	24.845	252	65935	1.261	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.797	276	68701	1.024	ng/ul	94

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

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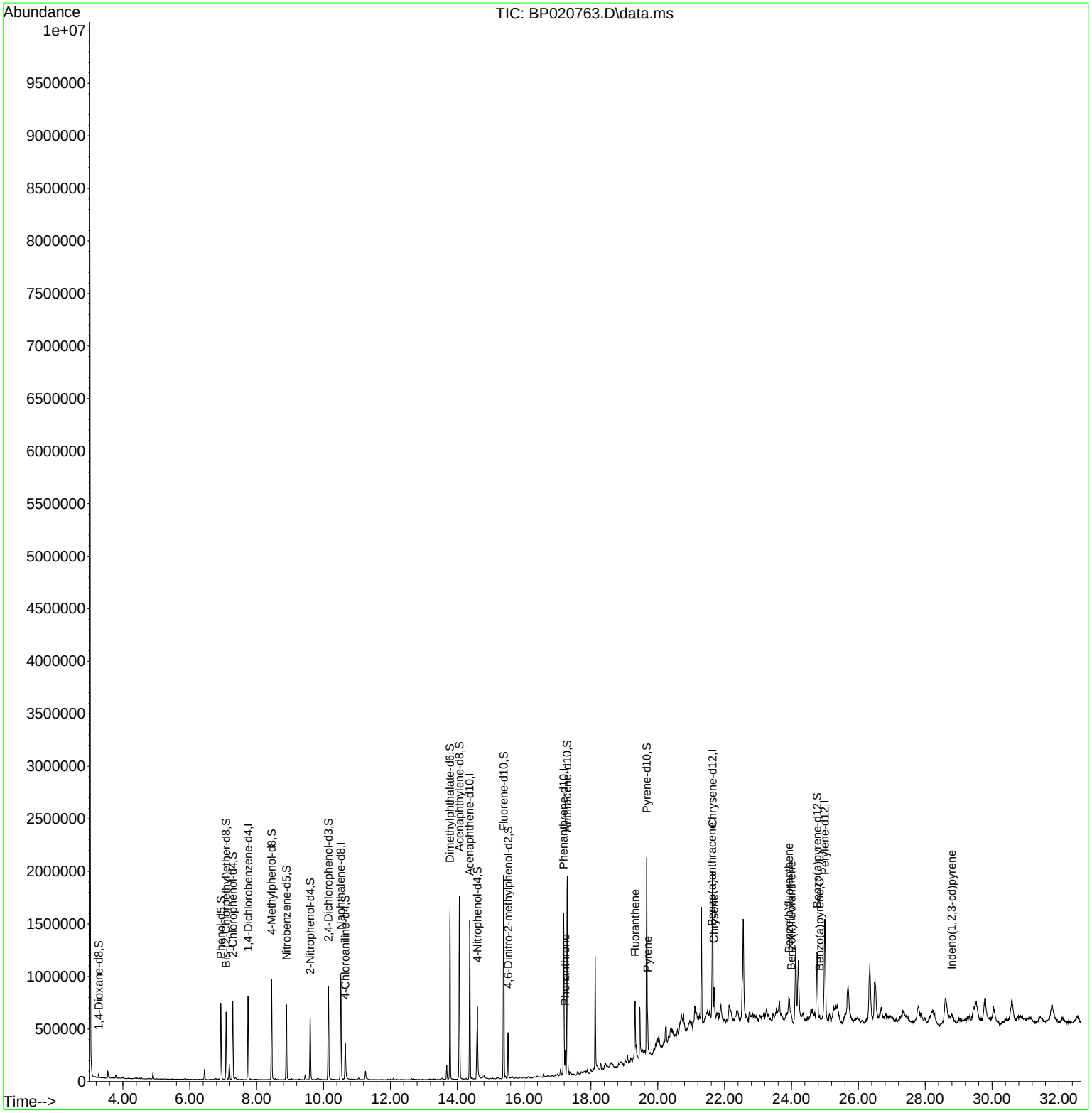
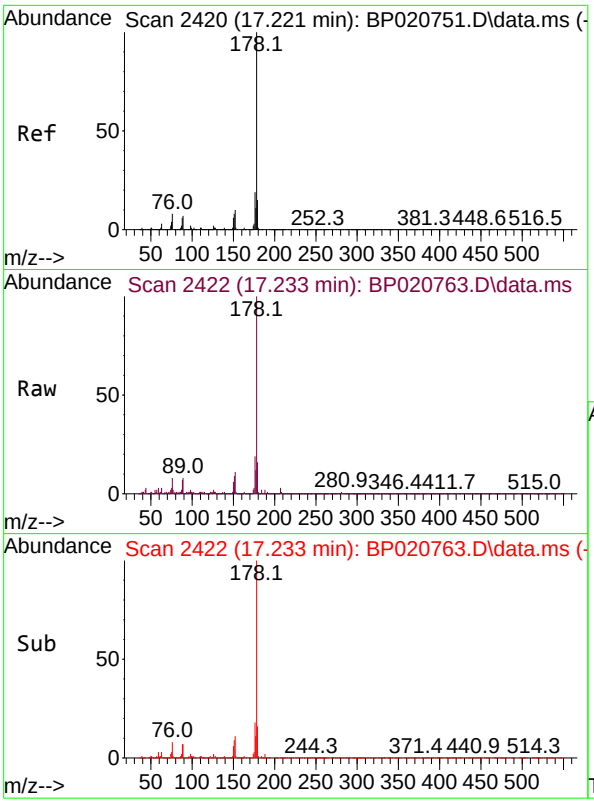


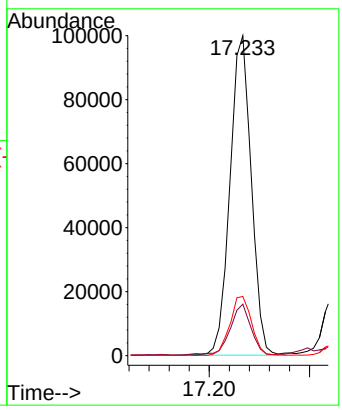


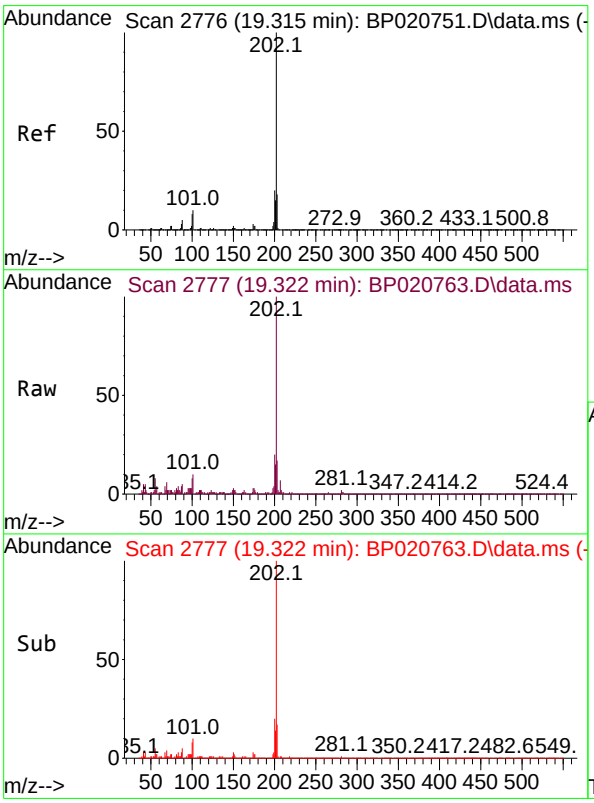
#72
Phenanthrene
Concen: 2.842 ng/ul
RT: 17.233 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP020763.D
Acq: 02 Jul 2024 23:38

Instrument :
BNA_P
ClientSampleId :
A4CD4

Tgt Ion:178 Resp: 146965

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	18.5	15.4	23.2

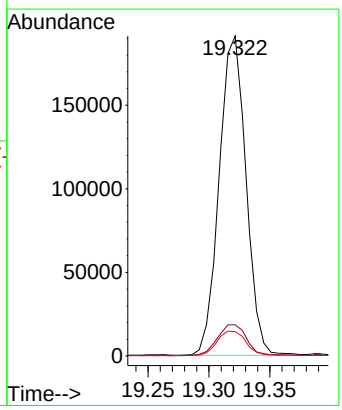


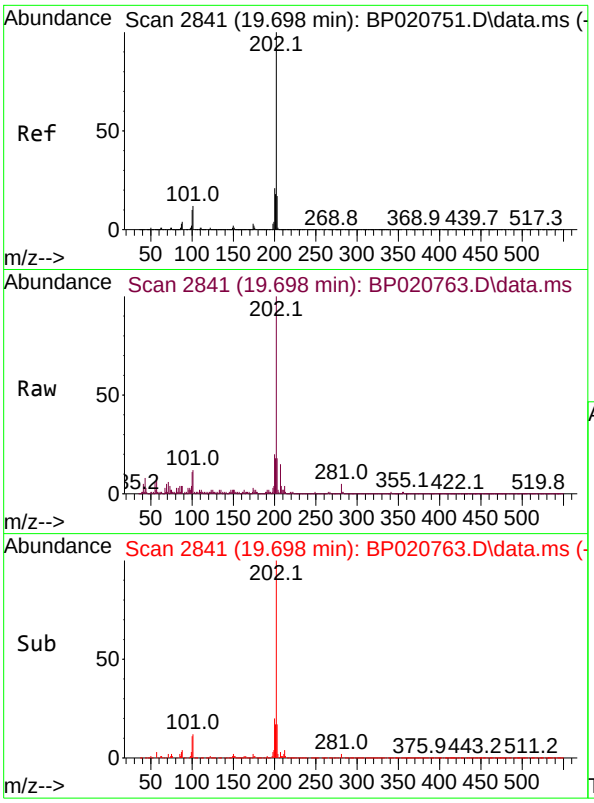


#80
Fluoranthene
Concen: 5.301 ng/ul
RT: 19.322 min Scan# 2777
Delta R.T. -0.000 min
Lab File: BP020763.D
Acq: 02 Jul 2024 23:38

Tgt Ion:202 Resp: 292145

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.2	12.4
100	7.6	6.6	10.0



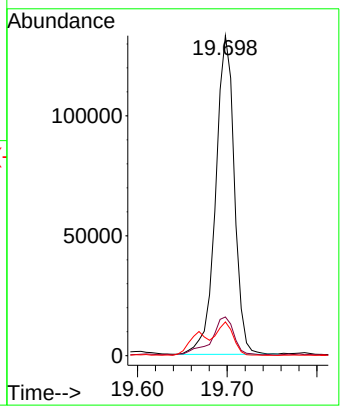


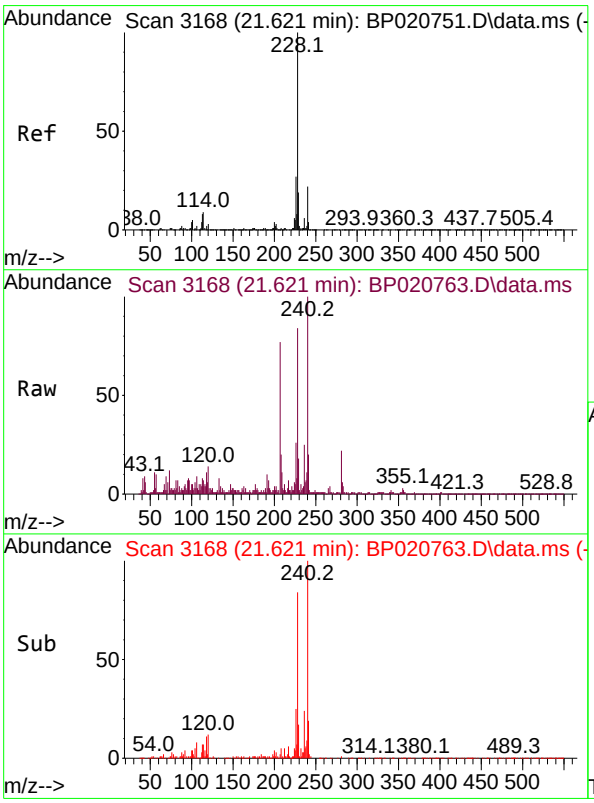
#82
Pyrene
Concen: 3.402 ng/ul
RT: 19.698 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP020763.D
Acq: 02 Jul 2024 23:38

Instrument :
BNA_P
ClientSampleId :
A4CD4

Tgt Ion:202 Resp: 192269

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	10.5	7.9	11.9

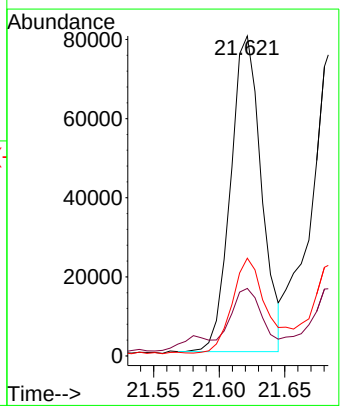


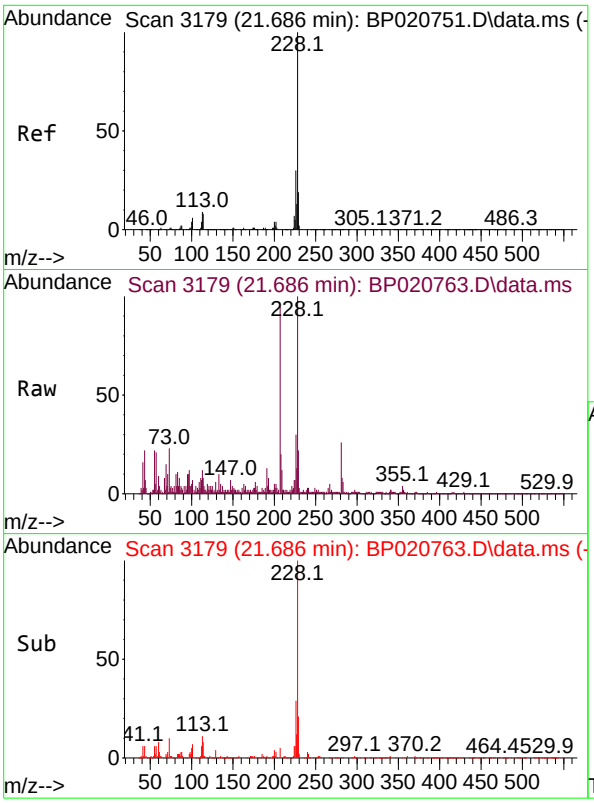


#85
Benzo(a)anthracene
Concen: 2.490 ng/ul
RT: 21.621 min Scan# 3168
Delta R.T. -0.000 min
Lab File: BP020763.D
Acq: 02 Jul 2024 23:38

Tgt Ion:228 Resp: 131096

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.2	22.8
226	30.5	21.1	31.7



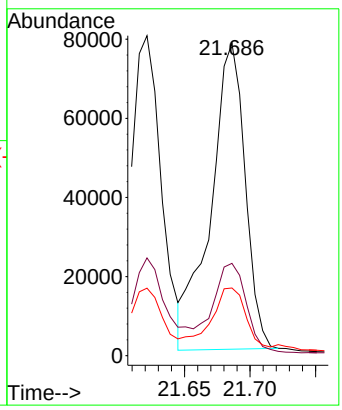


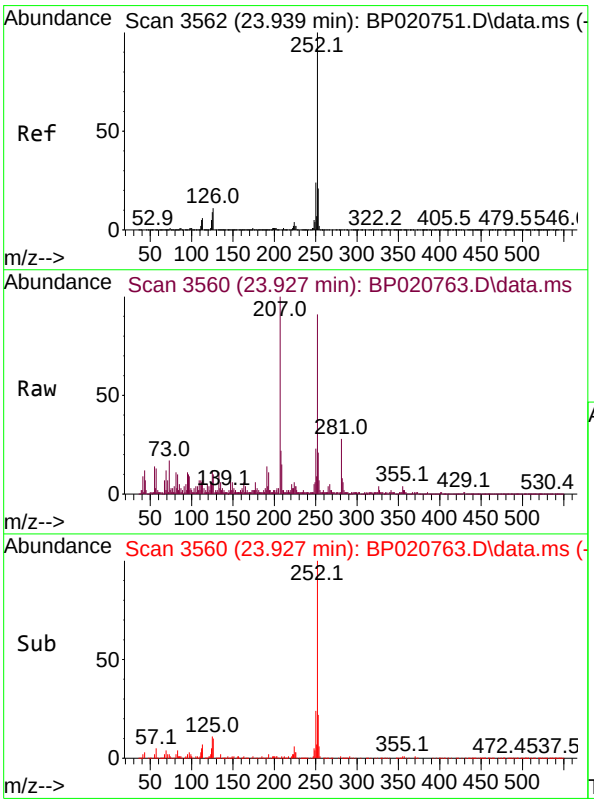
#87
Chrysene
Concen: 2.840 ng/ul
RT: 21.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP020763.D
Acq: 02 Jul 2024 23:38

Instrument :
BNA_P
ClientSampleId :
A4CD4

Tgt Ion:228 Resp: 141308

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	21.7	16.1	24.1

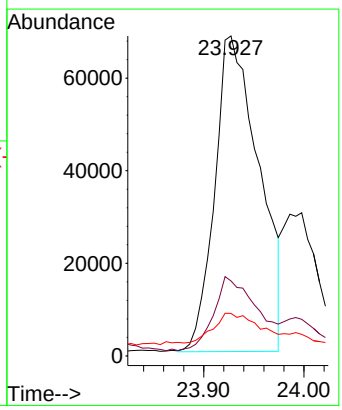


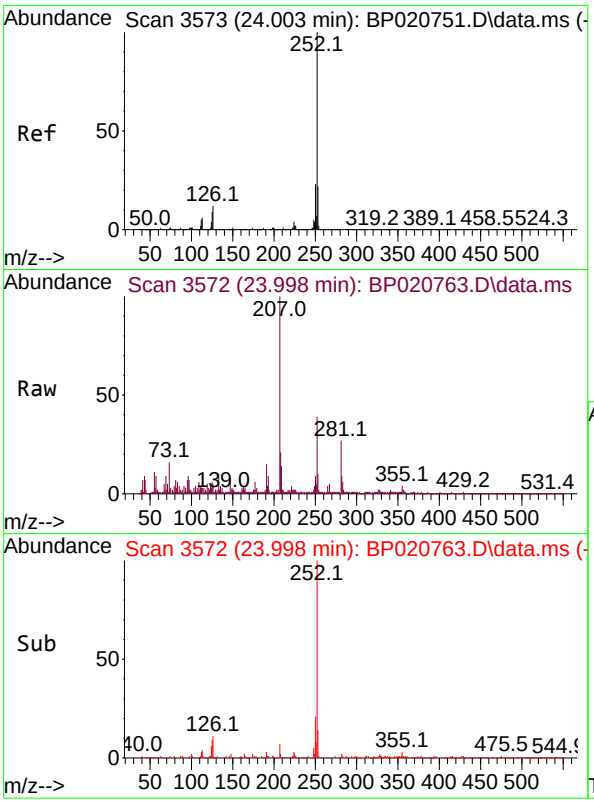


#90
Benzo(b)fluoranthene
Concen: 3.784 ng/ul
RT: 23.927 min Scan# 3560
Delta R.T. -0.012 min
Lab File: BP020763.D
Acq: 02 Jul 2024 23:38

Tgt Ion:252 Resp: 209628

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	13.3	7.9	11.9#



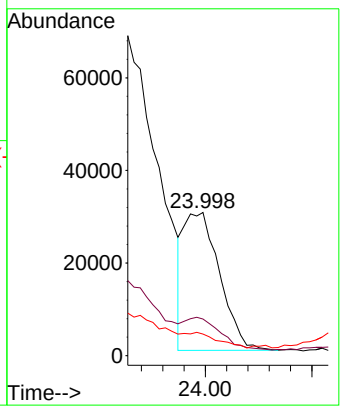


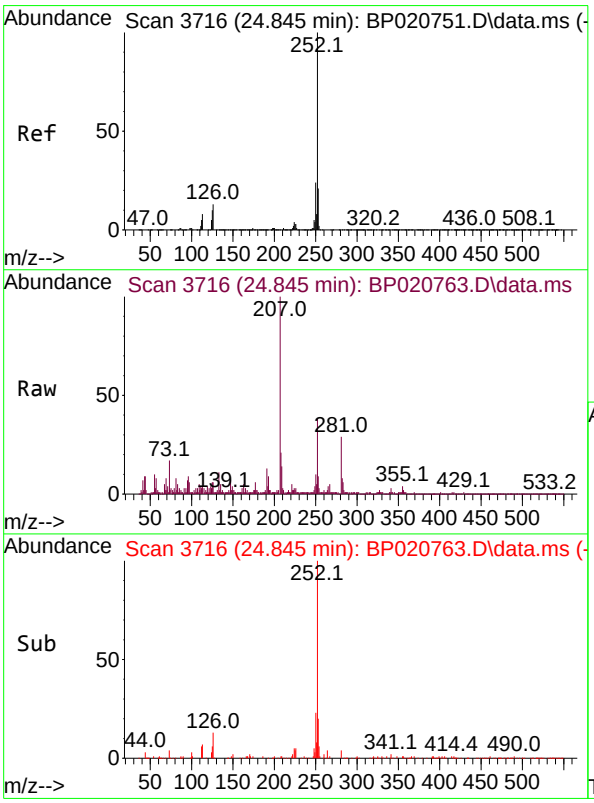
#91
Benzo(k)fluoranthene
Concen: 1.245 ng/ul
RT: 23.998 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP020763.D
Acq: 02 Jul 2024 23:38

Instrument :
BNA_P
ClientSampleId :
A4CD4

Tgt Ion:252 Resp: 69755

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	15.1	7.9	11.9#

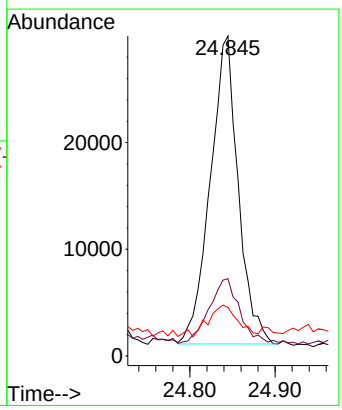


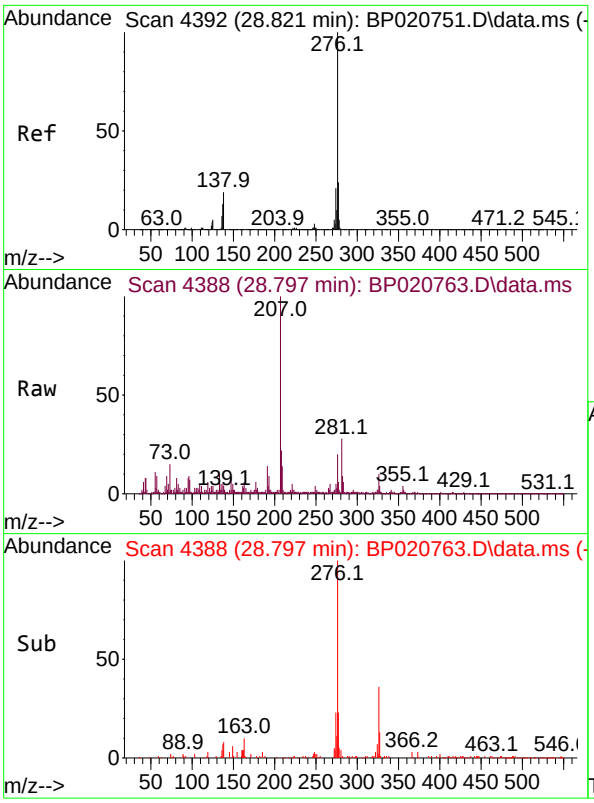


#93
Benzo(a)pyrene
Concen: 1.261 ng/ul
RT: 24.845 min Scan# 3716
Delta R.T. -0.000 min
Lab File: BP020763.D
Acq: 02 Jul 2024 23:38

Tgt Ion:252 Resp: 65935

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	15.2	8.7	13.1#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.024 ng/ul
RT: 28.797 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP020763.D
Acq: 02 Jul 2024 23:38

Instrument :
BNA_P
ClientSampleId :
A4CD4

Tgt Ion:276 Resp: 68701

Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.2	22.8
277	27.5	19.0	28.4