Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023780.D
Acq On : 28 Jan 2025 19:45
Operator : RC/JU
Sample : Q1189-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q7

Quant Time: Jan 29 08:52:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	489078	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	2161170	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	1411274	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2737359	20.000	ng/ul	0.01
79) Chrysene-d12	21.674	240	2590430	20.000	ng/ul	0.00
88) Perylene-d12	25.086	264	2813689	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	30414	2.505	ng/uL	0.00
4) Pyridine-d5	3.717	84	175131	4.998	ng/ul	0.01
7) Phenol-d5	6.981	99	708533	17.121	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.128	67	370410	15.846	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	571708	18.172	ng/ul	0.01
15) 4-Methylphenol-d8	8.499	113	559451	17.192	ng/ul	0.02
21) Nitrobenzene-d5	8.934	128	278203	17.086	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	286598	19.199	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	578085	18.423	ng/ul	0.02
31) 4-Chloroaniline-d4	10.704	131	391969	7.811	ng/ul	0.01
46) Dimethylphthalate-d6	13.822	166	1712949	16.877	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1974683	16.811	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	230437	11.299	ng/ul	0.05
60) Fluorene-d10	15.428	176	1504025	17.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	131394	9.747	ng/ul	0.02
73) Anthracene-d10	17.334	188	2254488	17.155	ng/ul	0.01
81) Pyrene-d10	19.698	212	2176457	16.512	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.845	264	1519565	10.790	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.011	94	100064	2.311	ng/ul	99
16) Acetophenone	8.605	105	309874	5.929	ng/ul	97
72) Phenanthrene	17.275	178	255954	1.655	ng/ul	99
80) Fluoranthene	19.357	202	758625	5.062	ng/ul	98
82) Pyrene	19.728	202	539501	3.314	ng/ul	99
85) Benzo(a)anthracene	21.657	228	300041	1.827	ng/ul	94
87) Chrysene	21.727	228	361835	2.353	ng/ul	97
90) Benzo(b)fluoranthene	24.004	252	518752	3.104	ng/ul#	91
91) Benzo(k)fluoranthene	24.074	252	185333	1.076	ng/ul#	90
93) Benzo(a)pyrene	24.921	252	189170	1.202	ng/ul#	85

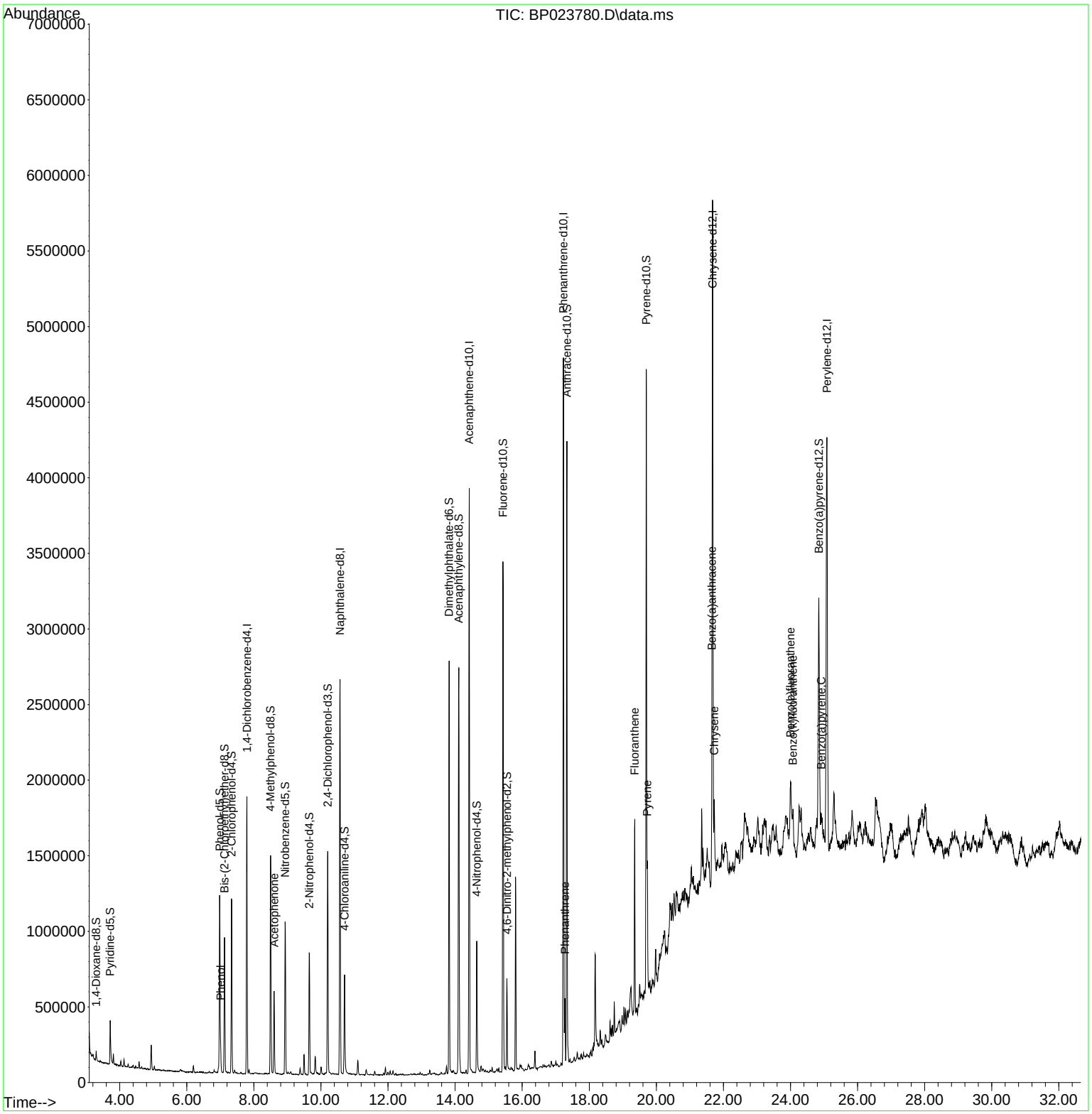
(#) = qualifier out of range (m) = manual integration (+) = signals summed

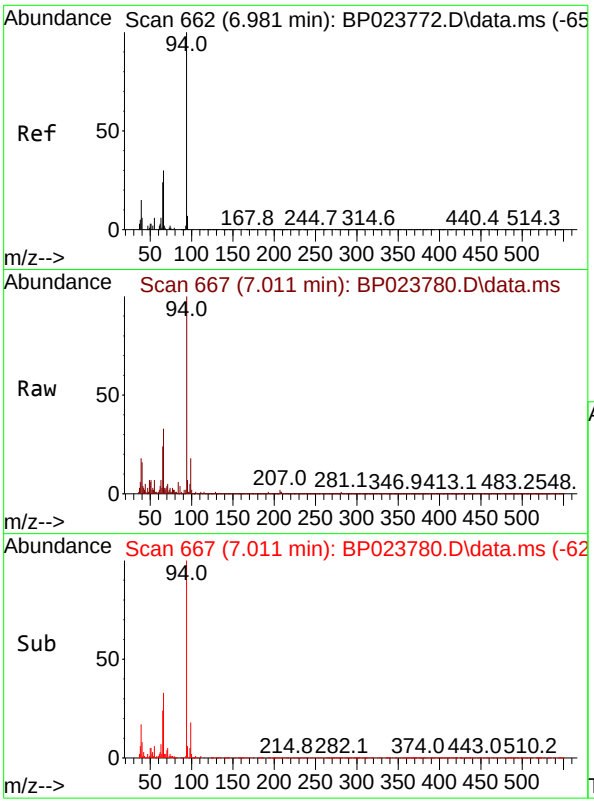
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023780.D
Acq On : 28 Jan 2025 19:45
Operator : RC/JU
Sample : Q1189-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q7

Quant Time: Jan 29 08:52:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration



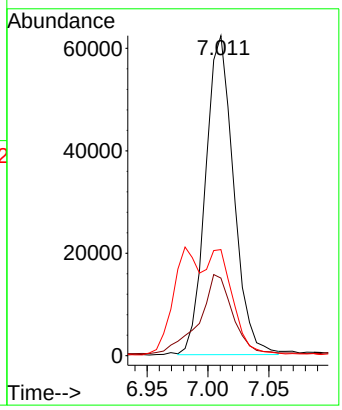


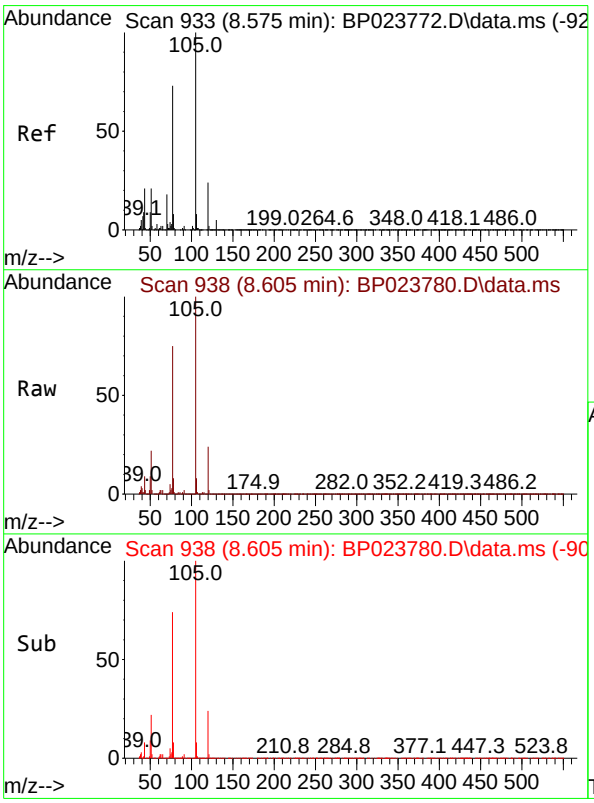
#8
Phenol
Concen: 2.311 ng/ul
RT: 7.011 min Scan# 6
Delta R.T. 0.035 min
Lab File: BP023780.D
Acq: 28 Jan 2025 19:45

Instrument :
BNA_P
ClientSampleId :
A44Q7

Tgt Ion: 94 Resp: 100064

Ion	Ratio	Lower	Upper
94	100		
65	24.2	20.2	30.2
66	33.2	26.0	39.0

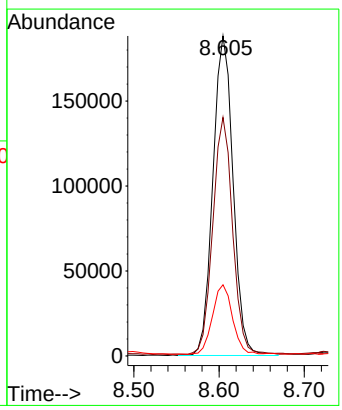


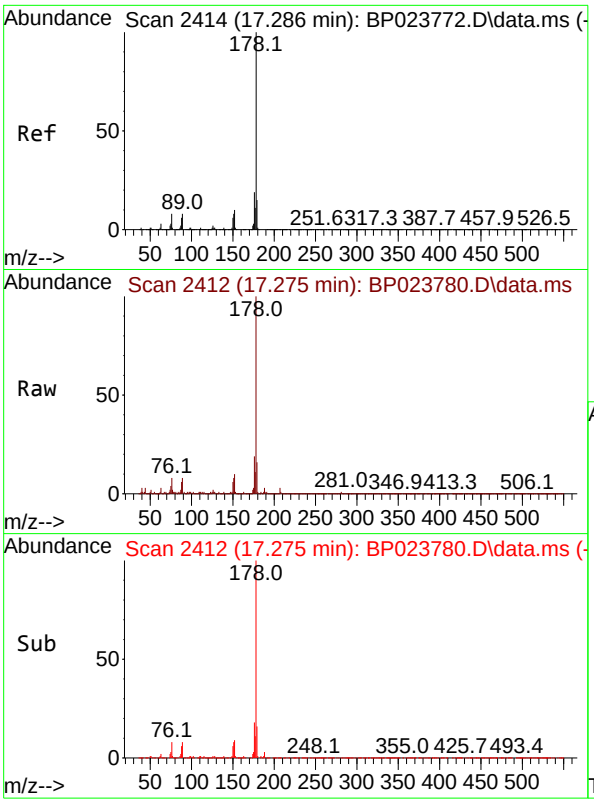


#16
Acetophenone
Concen: 5.929 ng/ul
RT: 8.605 min Scan# 938
Delta R.T. 0.006 min
Lab File: BP023780.D
Acq: 28 Jan 2025 19:45

Tgt Ion:105 Resp: 309874

Ion	Ratio	Lower	Upper
105	100		
77	74.5	58.1	87.1
51	22.2	16.4	24.6



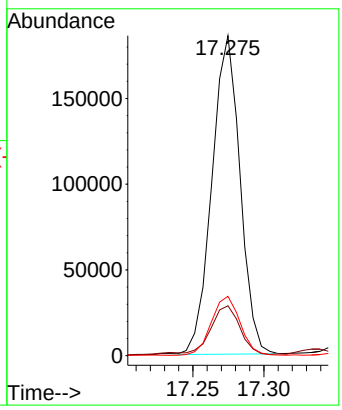


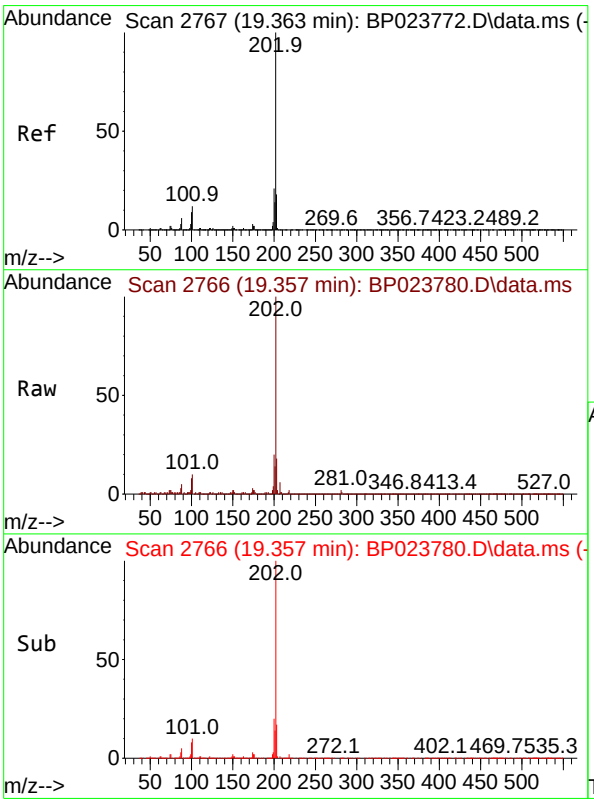
#72
Phenanthrene
Concen: 1.655 ng/ul
RT: 17.275 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP023780.D
Acq: 28 Jan 2025 19:45

Instrument :
BNA_P
ClientSampleId :
A44Q7

Tgt Ion:178 Resp: 255954

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.5	15.7	23.5

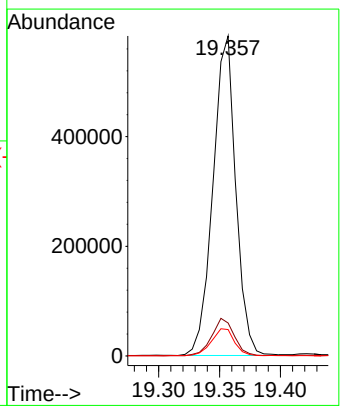


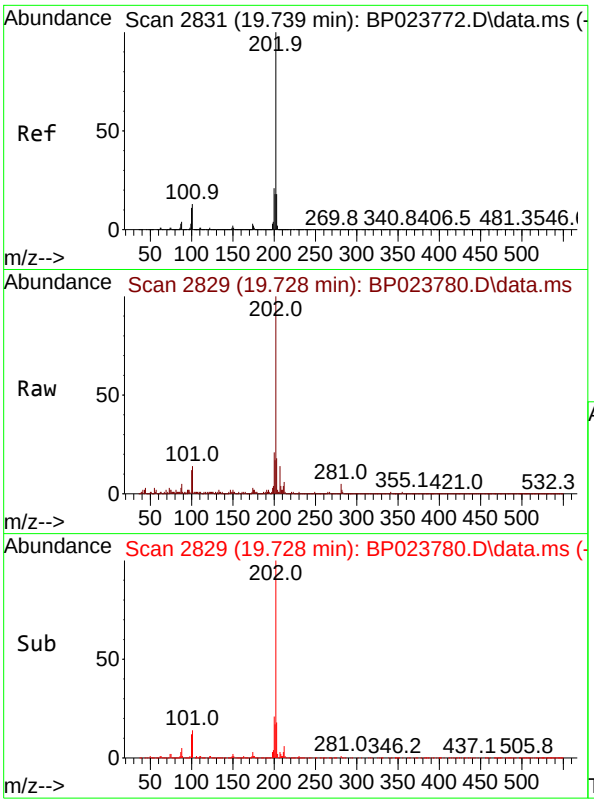


#80
Fluoranthene
Concen: 5.062 ng/ul
RT: 19.357 min Scan# 2766
Delta R.T. 0.006 min
Lab File: BP023780.D
Acq: 28 Jan 2025 19:45

Tgt Ion:202 Resp: 758625

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.2	13.8
100	8.2	7.0	10.6



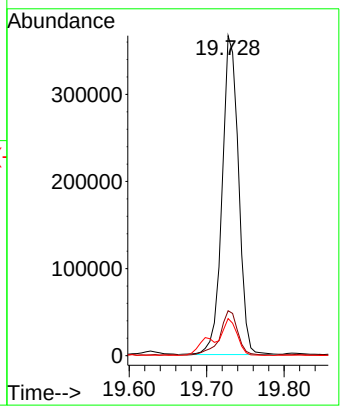


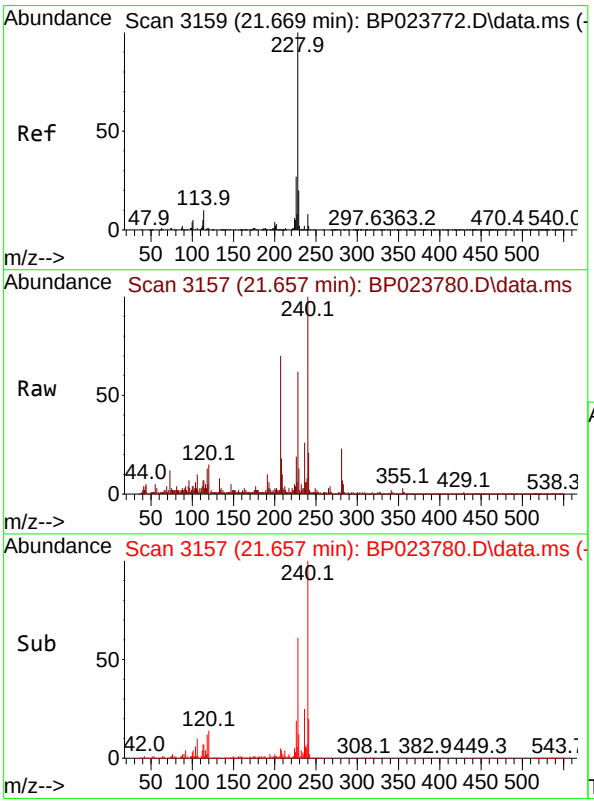
#82
Pyrene
Concen: 3.314 ng/ul
RT: 19.728 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP023780.D
Acq: 28 Jan 2025 19:45

Instrument :
BNA_P
ClientSampleId :
A44Q7

Tgt Ion:202 Resp: 539501

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.6	17.4
100	11.6	9.6	14.4

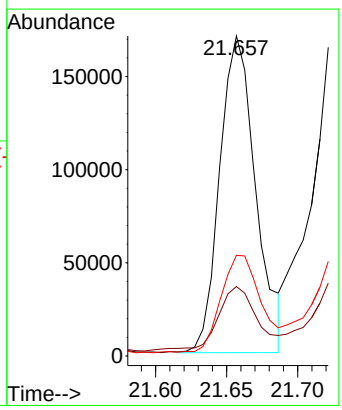


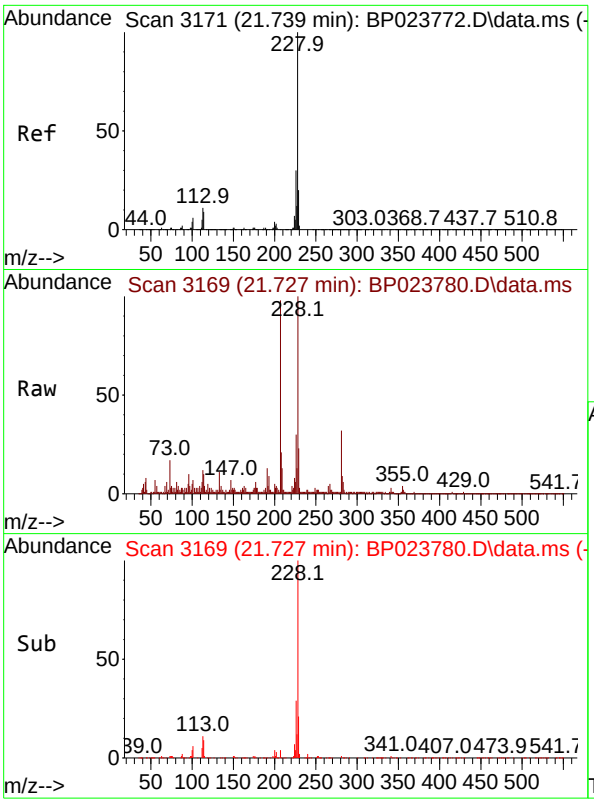


#85
Benzo(a)anthracene
Concen: 1.827 ng/ul
RT: 21.657 min Scan# 3157
Delta R.T. 0.000 min
Lab File: BP023780.D
Acq: 28 Jan 2025 19:45

Tgt Ion:228 Resp: 300041

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.8
226	31.5	21.8	32.8



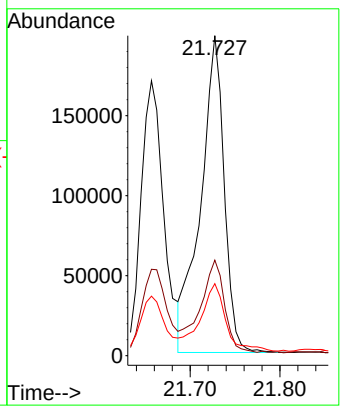


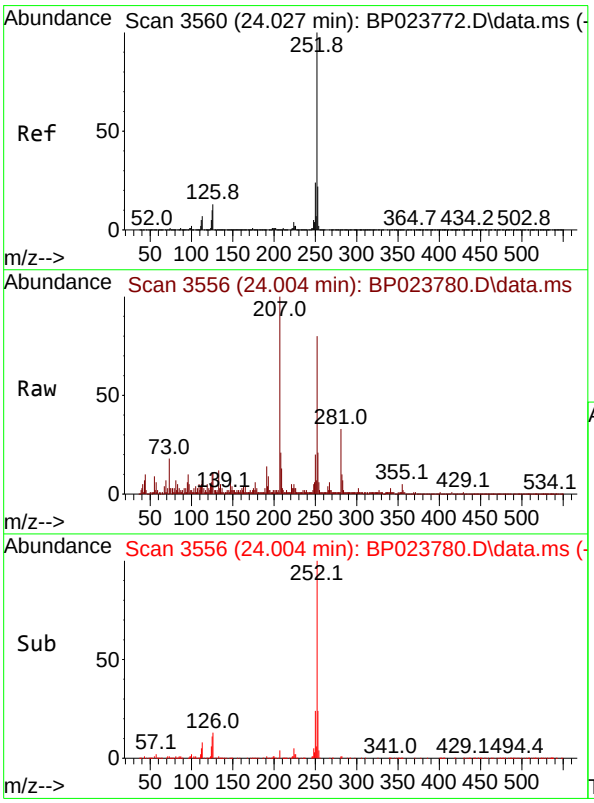
#87
Chrysene
Concen: 2.353 ng/ul
RT: 21.727 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP023780.D
Acq: 28 Jan 2025 19:45

Instrument :
BNA_P
ClientSampleId :
A44Q7

Tgt Ion:228 Resp: 361835

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	22.5	15.8	23.6

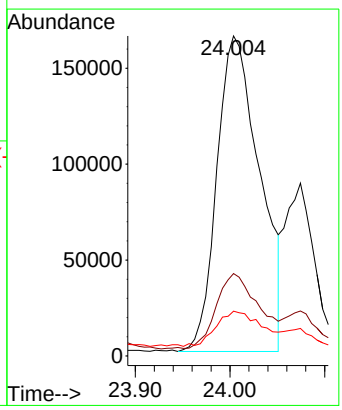


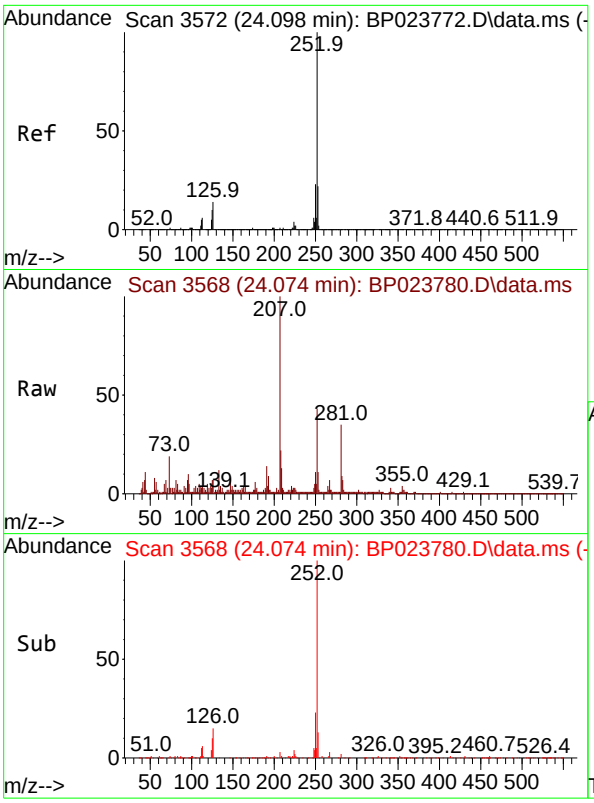


#90
Benzo(b)fluoranthene
Concen: 3.104 ng/ul
RT: 24.004 min Scan# 3556
Delta R.T. 0.006 min
Lab File: BP023780.D
Acq: 28 Jan 2025 19:45

Tgt Ion:252 Resp: 518752

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	14.0	8.2	12.4#



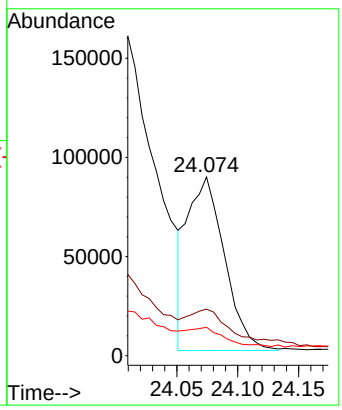


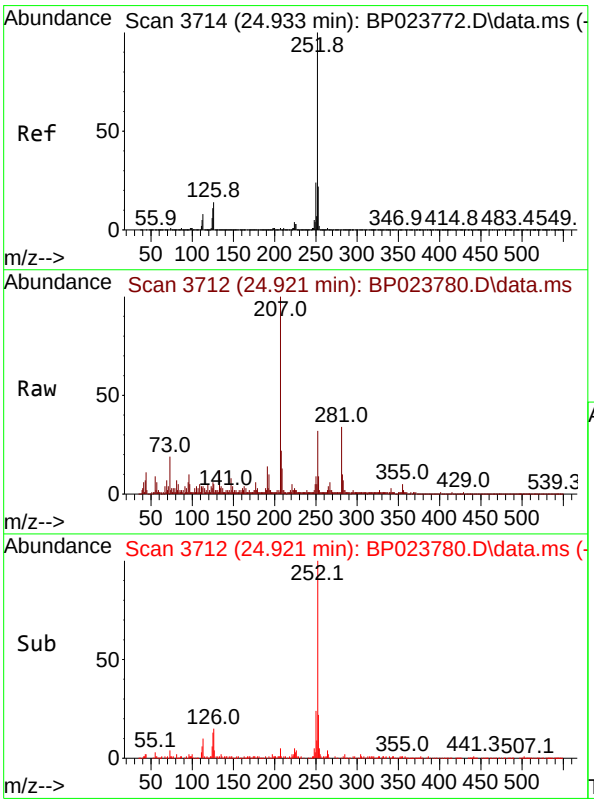
#91
Benzo(k)fluoranthene
Concen: 1.076 ng/ul
RT: 24.074 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP023780.D
Acq: 28 Jan 2025 19:45

Instrument :
BNA_P
ClientSampleId :
A44Q7

Tgt Ion:252 Resp: 185333

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.7	26.5
125	15.9	8.6	13.0#





#93
Benzo(a)pyrene
Concen: 1.202 ng/ul
RT: 24.921 min Scan# 3712
Delta R.T. 0.012 min
Lab File: BP023780.D
Acq: 28 Jan 2025 19:45

Tgt Ion:252 Resp: 189170

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.5	26.3#
125	18.8	9.1	13.7#