Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020873.D
Acq On : 09 Jul 2024 22:03
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CE1

Quant Time: Jul 09 23:00:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	203210	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	856014	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	563981	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1189733	20.000	ng/ul	0.01
79) Chrysene-d12	21.627	240	1090655	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	1284948	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	19270	4.072	ng/uL	0.00
4) Pyridine-d5	3.675	84	162	0.012	ng/ul	0.00
7) Phenol-d5	6.916	99	473083	28.384	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	280301	26.528	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.269	132	393625	28.897	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	380639	28.119	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	191047	30.229	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.587	143	217968	34.464	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	385742	29.609	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	186356	10.207	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1174648	29.956	ng/ul	0.02
49) Acenaphthylene-d8	14.057	160	1342279	28.687	ng/ul	0.02
54) 4-Nitrophenol-d4	14.610	143	169873	28.353	ng/ul	0.03
60) Fluorene-d10	15.375	176	1004217	30.433	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	128993	21.515	ng/ul	0.02
73) Anthracene-d10	17.275	188	1547832	28.988	ng/ul	0.01
81) Pyrene-d10	19.657	212	1618861	24.707	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.739	264	1237362	19.796	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.222	178	732846	11.763	ng/ul	100
74) Anthracene	17.310	178	165033	2.575	ng/ul	99
77) Carbazole	17.604	167	75300	1.424	ng/ul	99
80) Fluoranthene	19.310	202	1520390	18.996	ng/ul	99
82) Pyrene	19.686	202	1102158	13.427	ng/ul	99
85) Benzo(a)anthracene	21.604	228	711820	9.311	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.527	149	413029	8.728	ng/ul	99
87) Chrysene	21.675	228	768380	10.634	ng/ul	98
90) Benzo(b)fluoranthene	23.916	252	1084048	13.926	ng/ul	98
91) Benzo(k)fluoranthene	23.974	252	368925	4.685	ng/ul	97
93) Benzo(a)pyrene	24.804	252	405902	5.524	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.780	276	404446	4.291	ng/ul	96
95) Dibenzo(a,h)anthracene	28.827	278	118143	1.525	ng/ul#	90

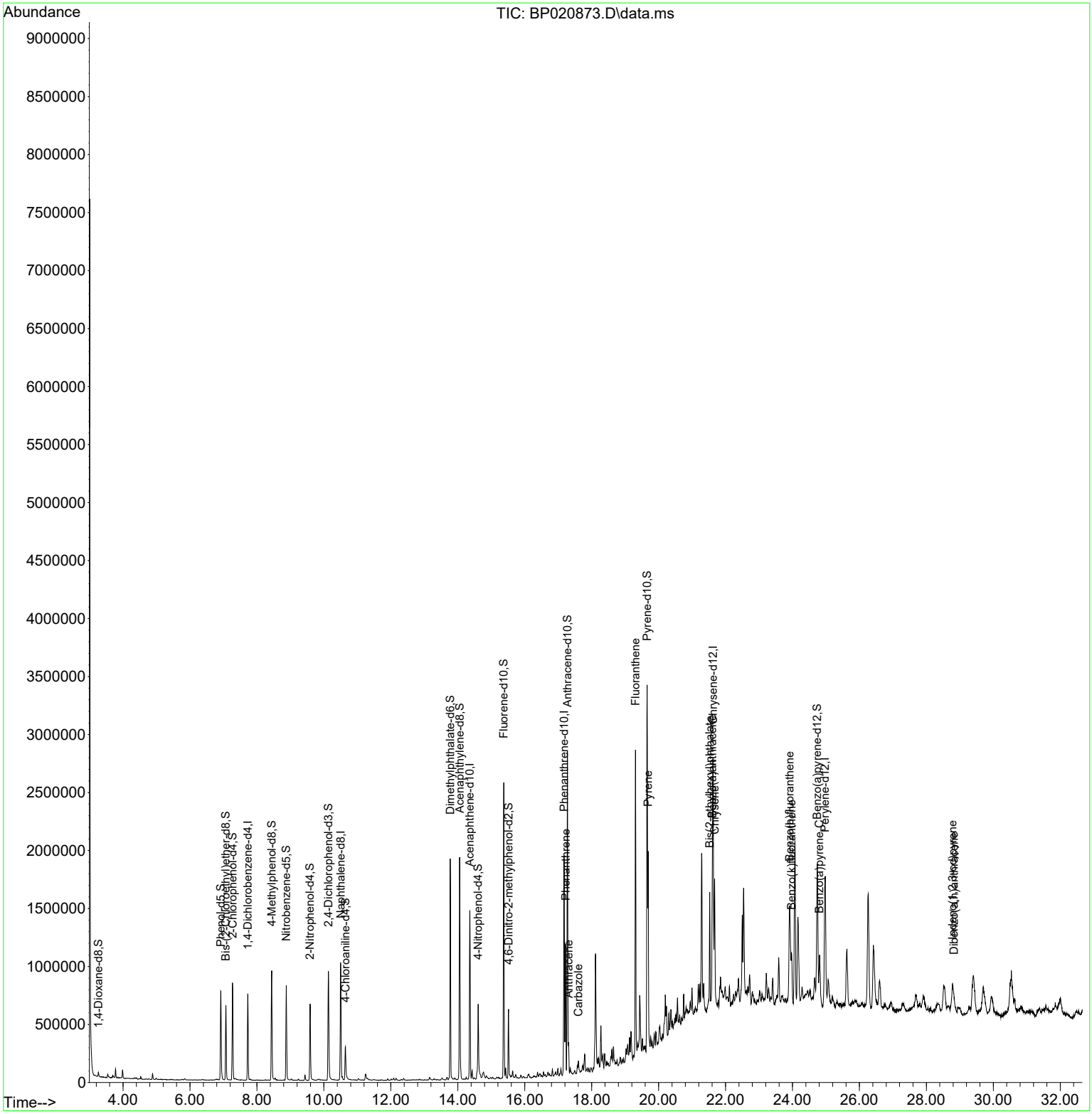
(#) = qualifier out of range (m) = manual integration (+) = signals summed

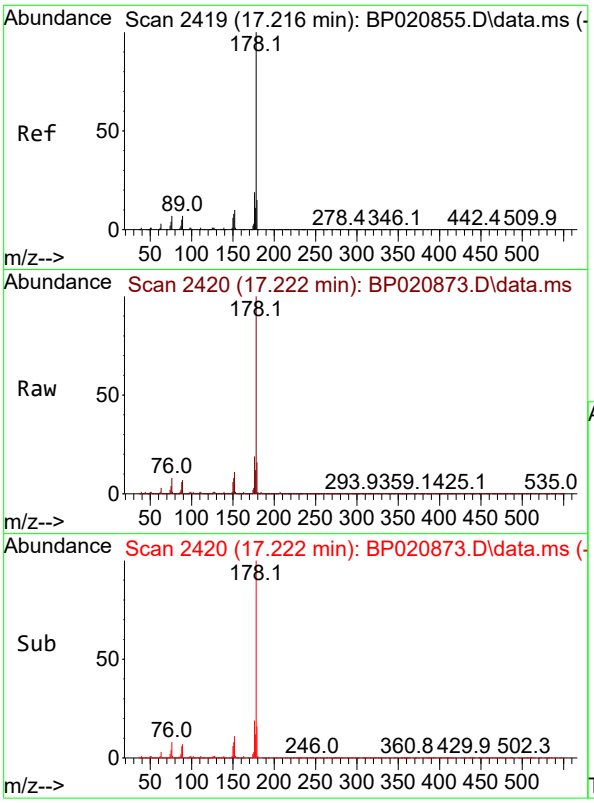
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020873.D
Acq On : 09 Jul 2024 22:03
Operator : MA/JU
Sample : P3102-02
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CE1

Quant Time: Jul 09 23:00:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration



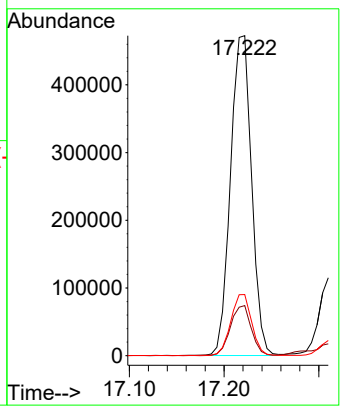


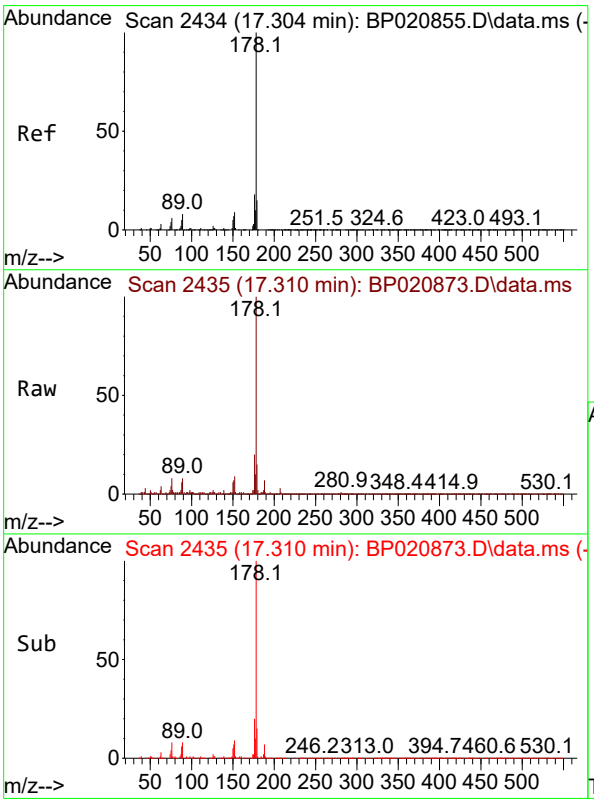
#72
Phenanthrene
Concen: 11.763 ng/ul
RT: 17.222 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Instrument :
BNA_P
ClientSampleId :
A4CE1

Tgt Ion:178 Resp: 732846

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.1	15.4	23.2

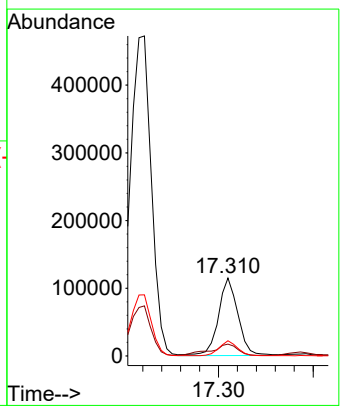


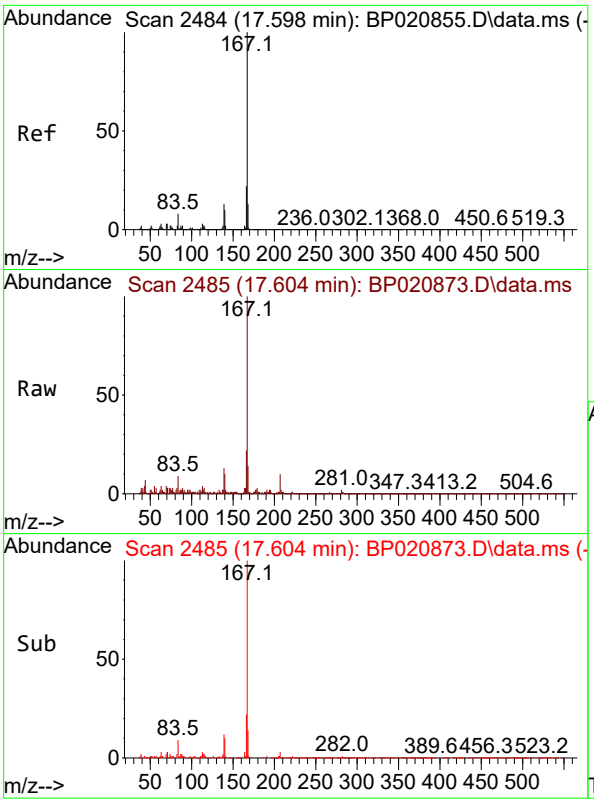


#74
Anthracene
Concen: 2.575 ng/ul
RT: 17.310 min Scan# 2435
Delta R.T. 0.012 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Tgt Ion:178 Resp: 165033

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	19.6	15.0	22.4



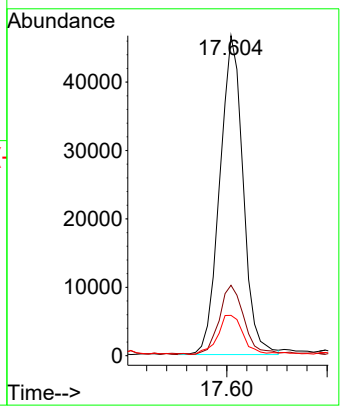


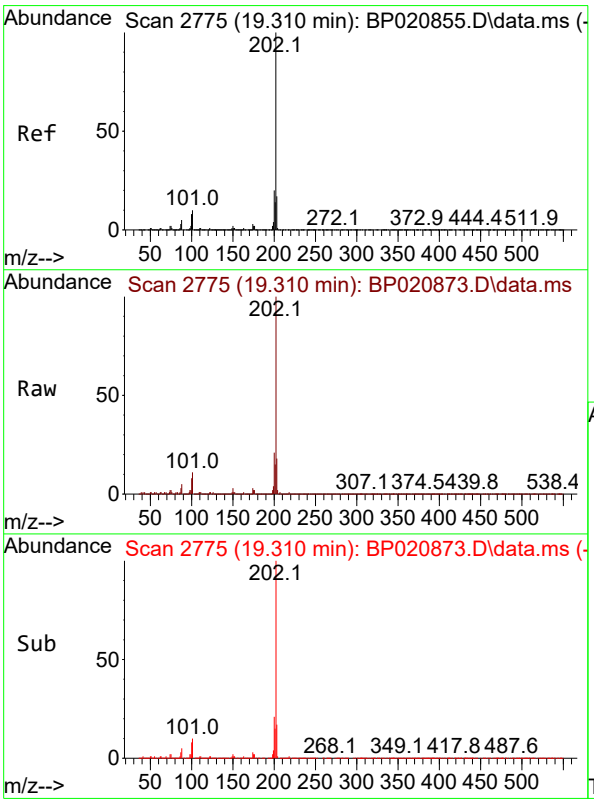
#77
Carbazole
Concen: 1.424 ng/ul
RT: 17.604 min Scan# 24
Delta R.T. 0.018 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Instrument :
BNA_P
ClientSampleId :
A4CE1

Tgt Ion:167 Resp: 75300

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	12.6	10.6	16.0

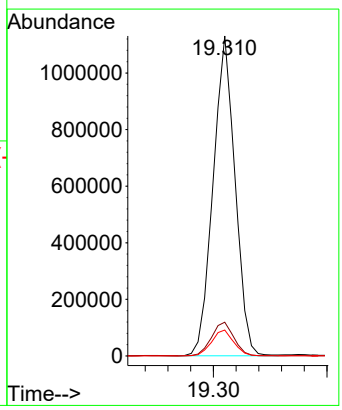


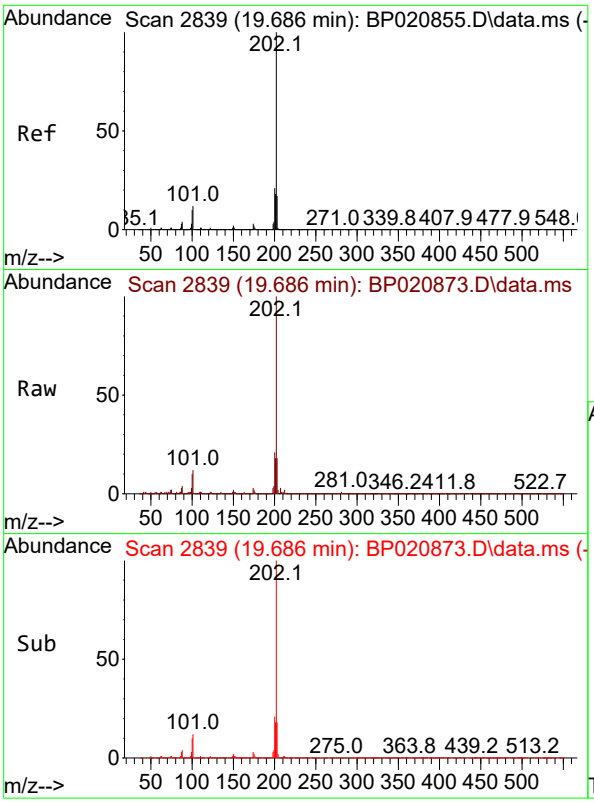


#80
Fluoranthene
Concen: 18.996 ng/ul
RT: 19.310 min Scan# 2775
Delta R.T. 0.012 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Tgt Ion:202 Resp: 1520390

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.2	12.4
100	8.1	6.6	10.0



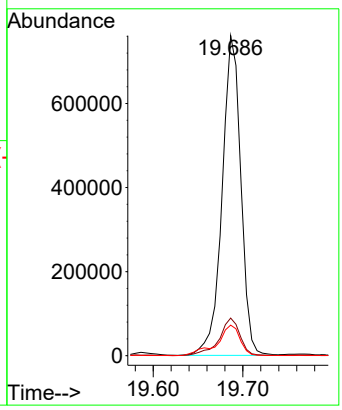


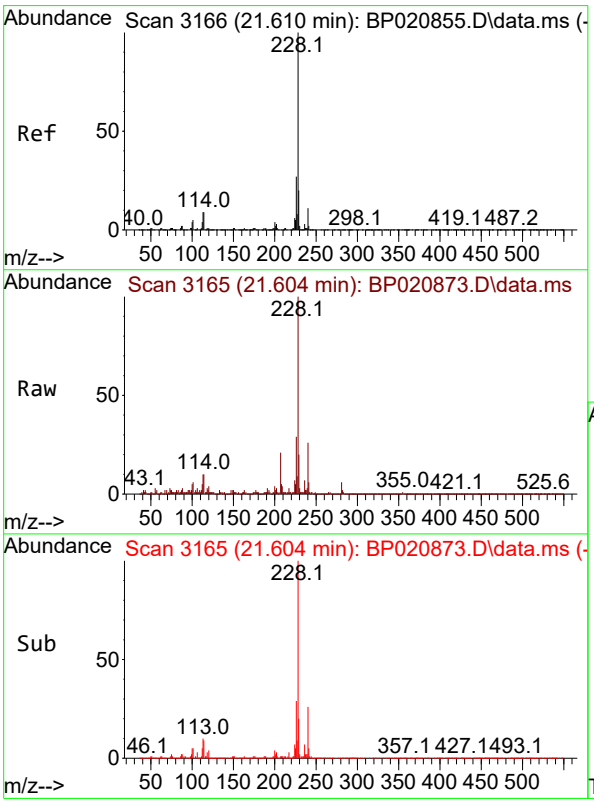
#82
Pyrene
Concen: 13.427 ng/ul
RT: 19.686 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Instrument :
BNA_P
ClientSampleId :
A4CE1

Tgt Ion:202 Resp: 1102158

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.8
100	9.6	7.9	11.9

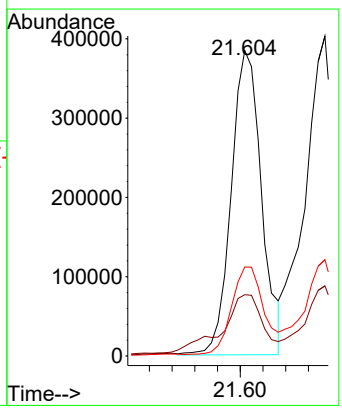


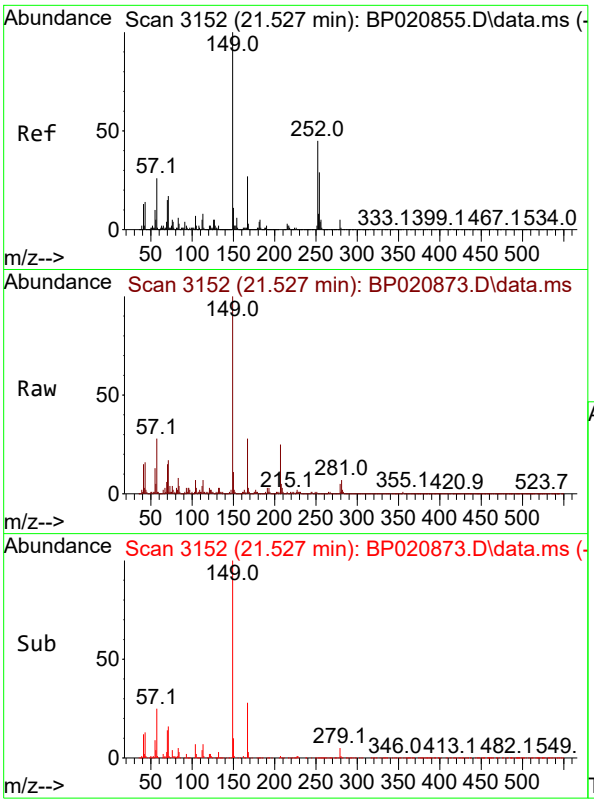


#85
Benzo(a)anthracene
Concen: 9.311 ng/ul
RT: 21.604 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Tgt Ion:228 Resp: 711820

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.2	22.8
226	29.1	21.1	31.7



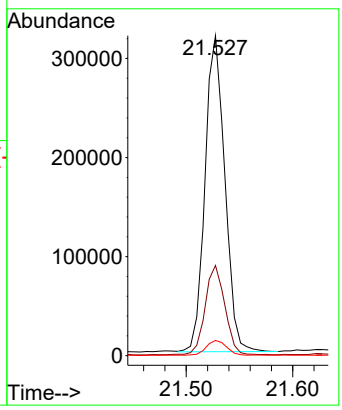


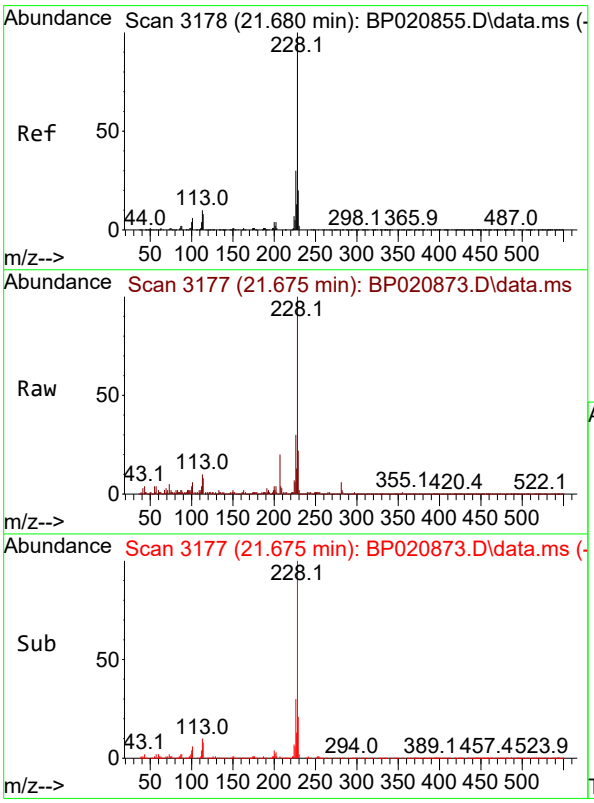
#86
Bis(2-ethylhexyl)phthalate
Concen: 8.728 ng/ul
RT: 21.527 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Instrument :
BNA_P
ClientSampleId :
A4CE1

Tgt Ion:149 Resp: 413029

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.0	33.0
279	4.7	3.3	4.9

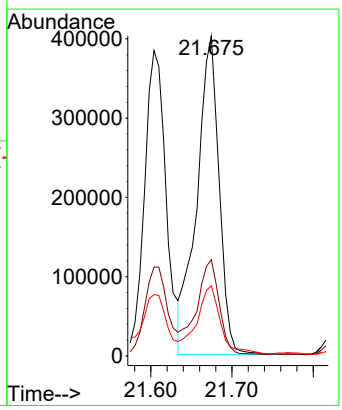


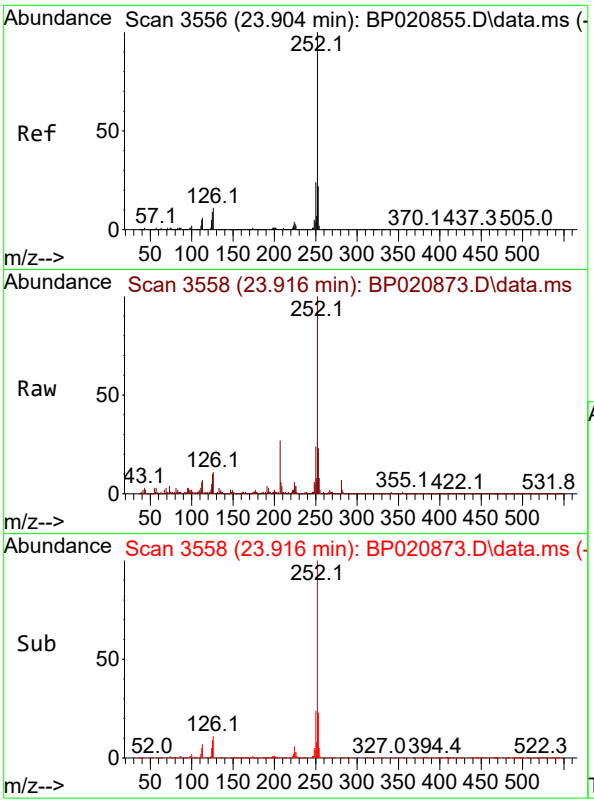


#87
Chrysene
Concen: 10.634 ng/ul
RT: 21.675 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Tgt Ion:228 Resp: 768380

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	21.9	16.1	24.1



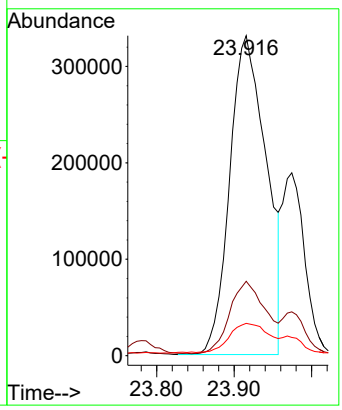


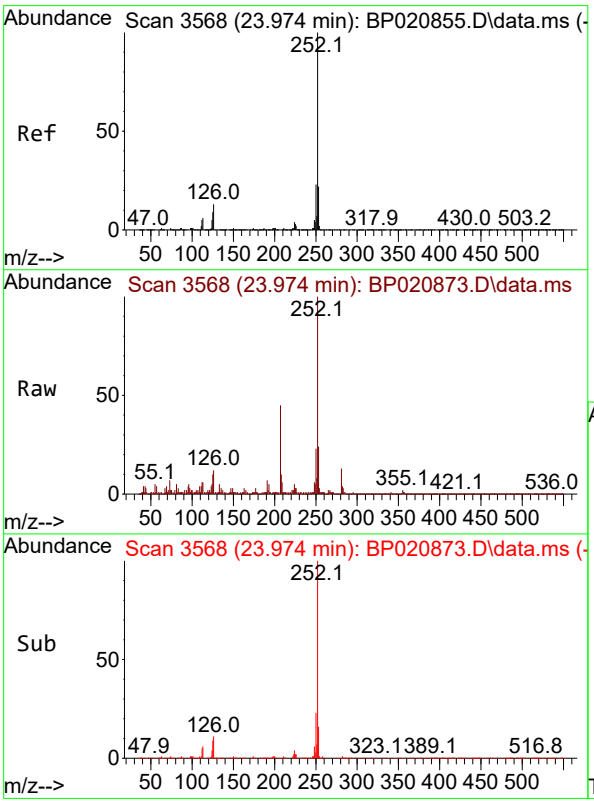
#90
Benzo(b)fluoranthene
Concen: 13.926 ng/ul
RT: 23.916 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Instrument :
BNA_P
ClientSampleId :
A4CE1

Tgt Ion:252 Resp: 1084048

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	10.1	7.9	11.9

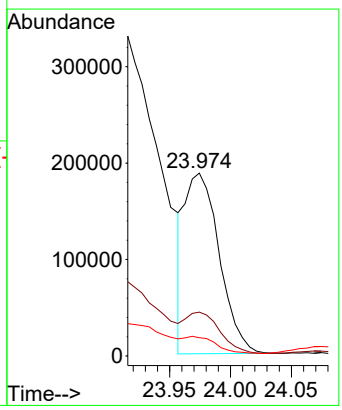


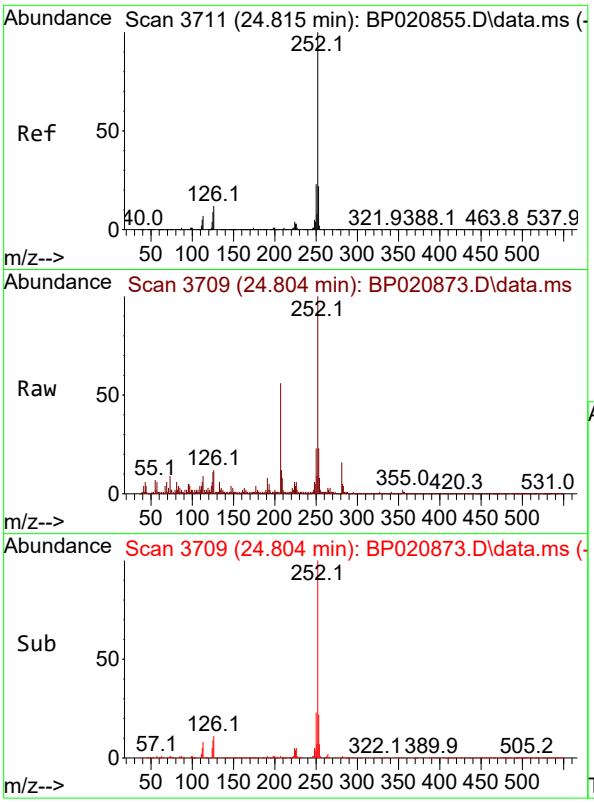


#91
Benzo(k)fluoranthene
Concen: 4.685 ng/ul
RT: 23.974 min Scan# 3568
Delta R.T. 0.000 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Tgt Ion:252 Resp: 368925

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	9.9	7.9	11.9



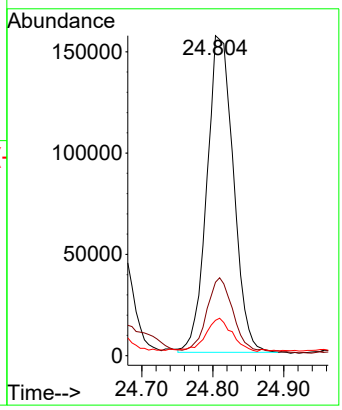


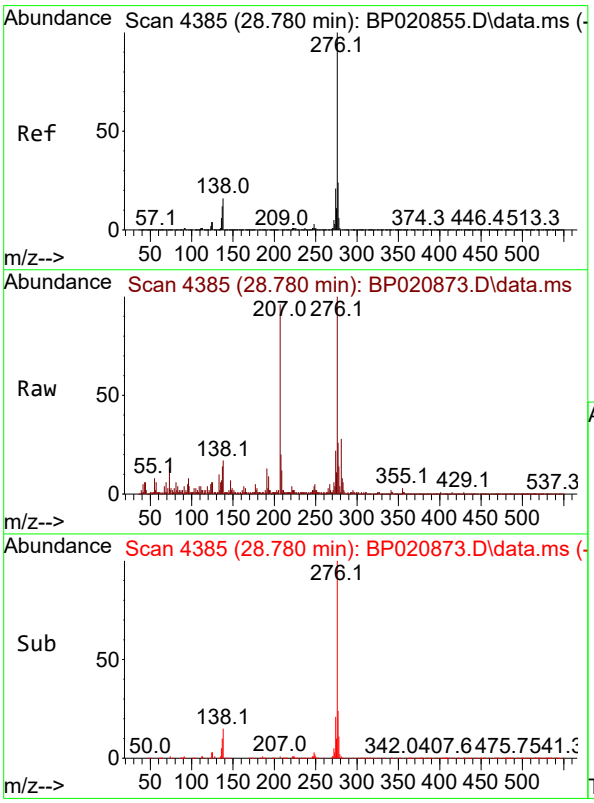
#93
Benzo(a)pyrene
Concen: 5.524 ng/ul
RT: 24.804 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Instrument :
BNA_P
ClientSampleId :
A4CE1

Tgt Ion:252 Resp: 405902

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	11.1	8.7	13.1

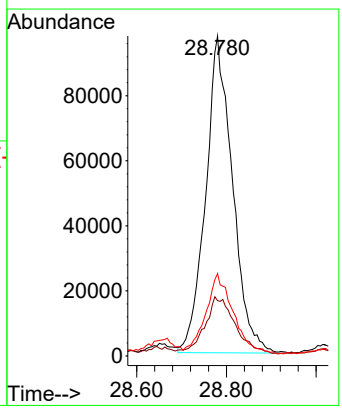


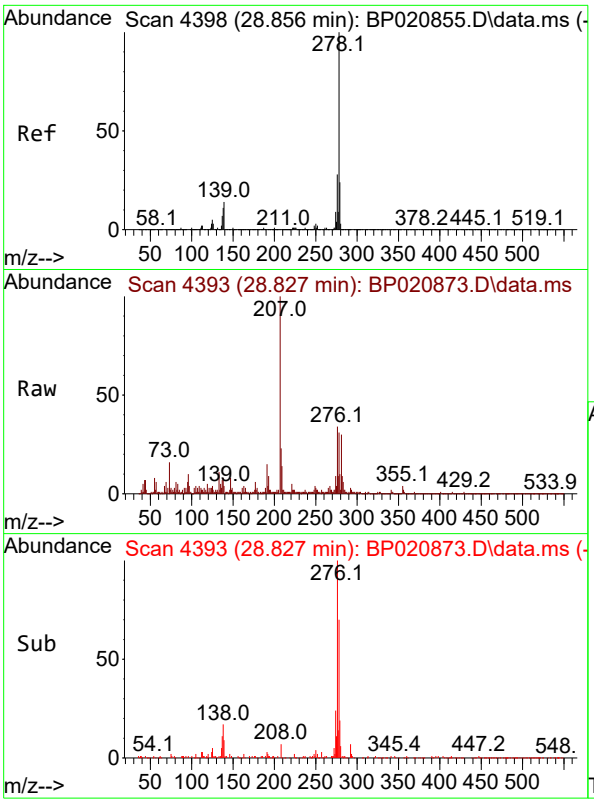


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.291 ng/ul
RT: 28.780 min Scan# 4385
Delta R.T. 0.018 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Tgt Ion:276 Resp: 404446

Ion	Ratio	Lower	Upper
276	100		
138	17.3	15.2	22.8
277	25.8	19.0	28.4





#95
Dibenzo(a,h)anthracene
Concen: 1.525 ng/ul
RT: 28.827 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP020873.D
Acq: 09 Jul 2024 22:03

Instrument :
BNA_P
ClientSampleId :
A4CE1

Tgt Ion:278 Resp: 118143

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.1	16.7
279	31.1	18.7	28.1#