Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020338.D
Acq On : 12 May 2024 03:23
Operator : MA/JU
Sample : P2371-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R7

Quant Time: May 13 00:27:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 00:21:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	95657	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	399746	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	269259	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	579671	20.000	ng/ul	0.00
79) Chrysene-d12	21.616	240	581448	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	659467	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	6581	2.906	ng/uL	0.00
4) Pyridine-d5	3.628	84	52537	7.983	ng/ul	0.01
7) Phenol-d5	6.805	99	136484	16.614	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	80833	16.198	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	107465	18.299	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	96234	14.490	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	54109	18.076	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	62439	18.215	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	112757	18.025	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	76508	8.739	ng/ul	0.01
46) Dimethylphthalate-d6	13.698	166	389957	19.832	ng/ul	-0.01
49) Acenaphthylene-d8	13.969	160	423648	19.504	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	36285	12.007	ng/ul	0.00
60) Fluorene-d10	15.304	176	338931	20.666	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	48076	13.070	ng/ul	0.00
73) Anthracene-d10	17.228	188	551875	22.007	ng/ul	0.00
81) Pyrene-d10	19.639	212	671697	19.762	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	684269	21.460	ng/ul	0.01
Target Compounds						Qvalue
8) Phenol	6.846	94	10996	1.297	ng/ul	97
16) Acetophenone	8.446	105	60837	5.519	ng/ul	95
30) Naphthalene	10.434	128	39333	1.909	ng/ul#	92
50) Acenaphthylene	13.998	152	622063	25.462	ng/ul	99
61) Fluorene	15.363	166	117560	6.266	ng/ul	96
72) Phenanthrene	17.181	178	3721924	125.845	ng/ul	99
74) Anthracene	17.269	178	459110	15.262	ng/ul	99
80) Fluoranthene	19.292	202	6105207	152.632	ng/ul	99
82) Pyrene	19.675	202	8352374	200.689	ng/ul	99
85) Benzo(a)anthracene	21.669	228	1887198	47.853	ng/ul	95
87) Chrysene	21.669	228	1888184	51.657	ng/ul	99
90) Benzo(b)fluoranthene	23.927	252	1714688	43.710	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	765096	19.138	ng/ul	100
93) Benzo(a)pyrene	24.815	252	1925909	51.596	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.803	276	1931657	42.215	ng/ul	97
95) Dibenzo(a,h)anthracene	28.839	278	334238	8.831	ng/ul	98
96) Benzo(g,h,i)perylene	29.997	276	1628269	44.121	ng/ul	98

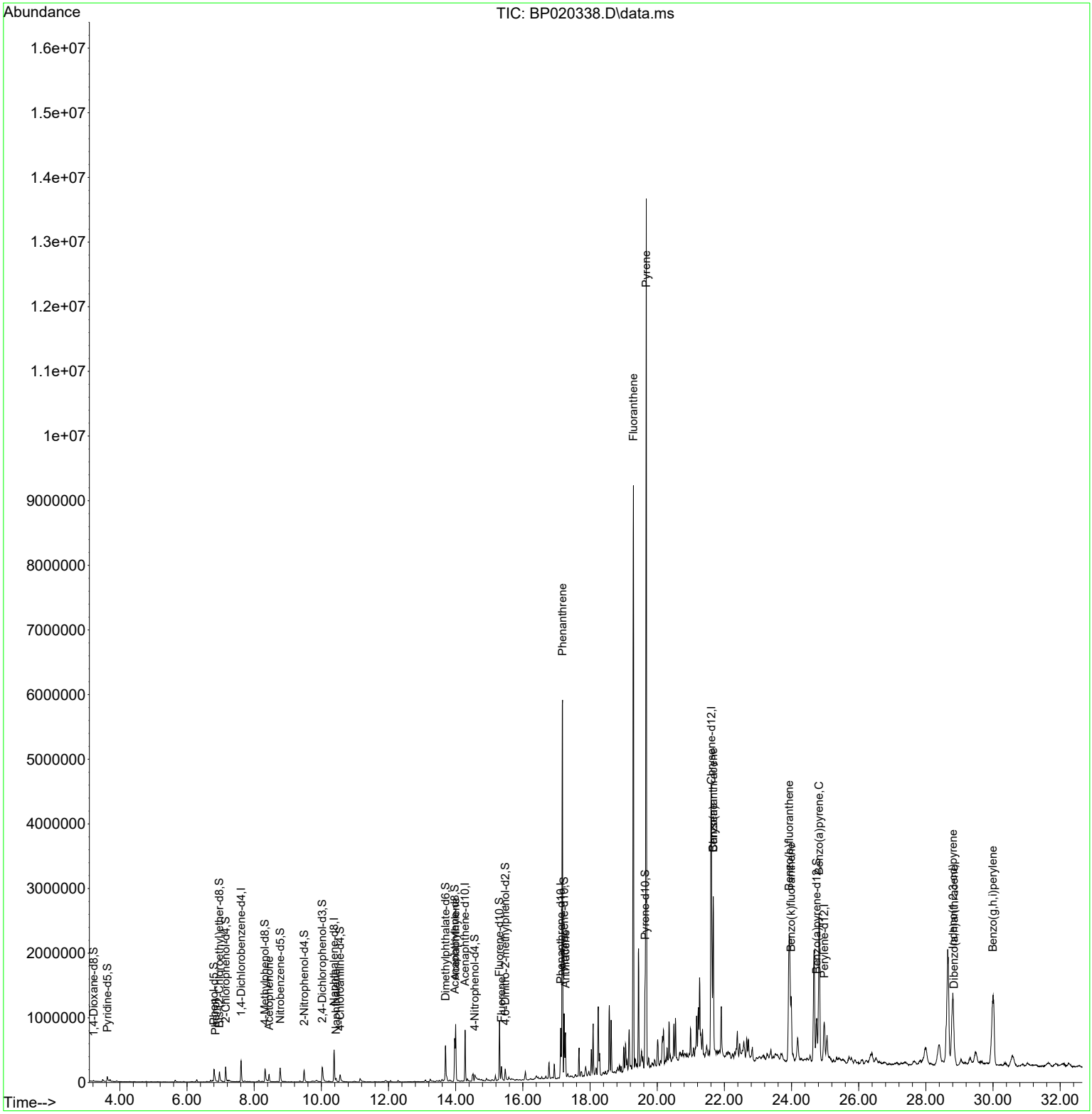
(#) = qualifier out of range (m) = manual integration (+) = signals summed

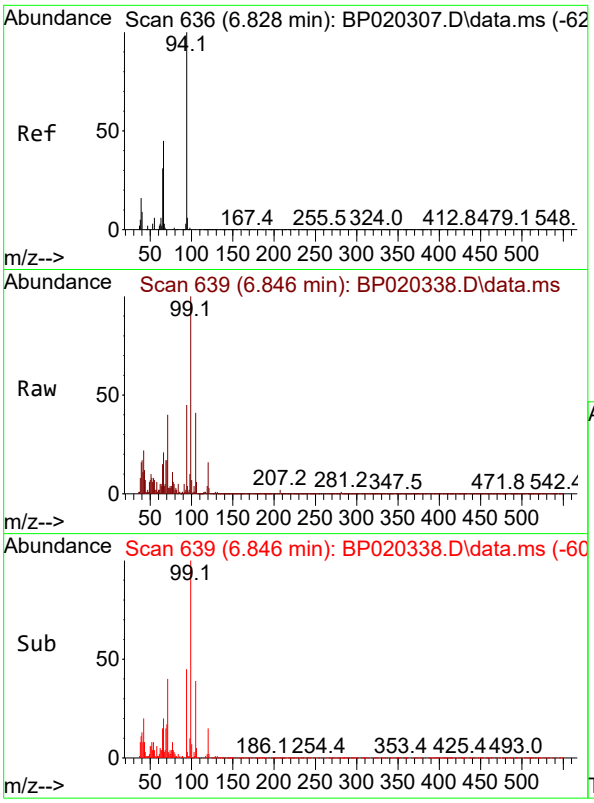
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020338.D
Acq On : 12 May 2024 03:23
Operator : MA/JU
Sample : P2371-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R7

Quant Time: May 13 00:27:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 00:21:03 2024
Response via : Initial Calibration



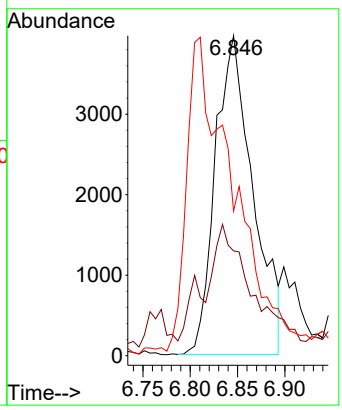


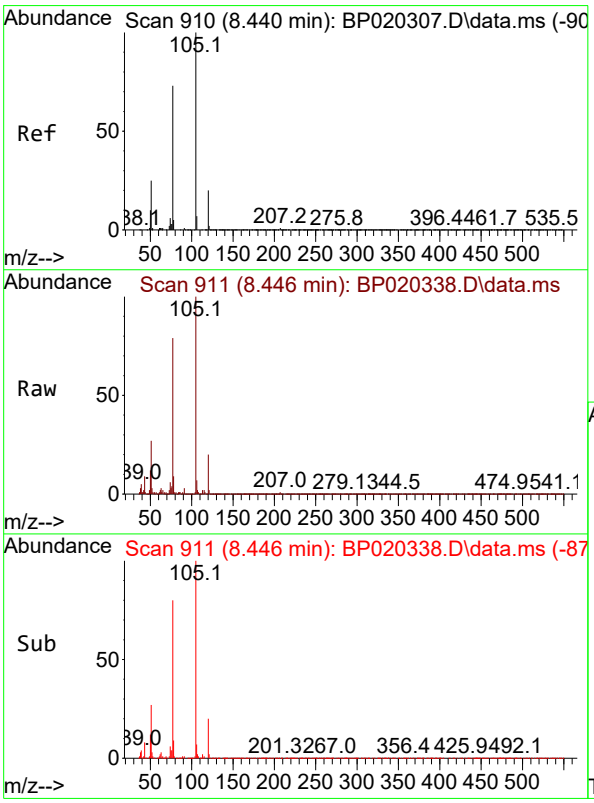
#8
Phenol
Concen: 1.297 ng/ul
RT: 6.846 min Scan# 6
Delta R.T. 0.018 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Instrument :
BNA_P
ClientSampleId :
A43R7

Tgt Ion: 94 Resp: 10996

Ion	Ratio	Lower	Upper
94	100		
65	32.8	26.1	39.1
66	45.2	38.6	57.8

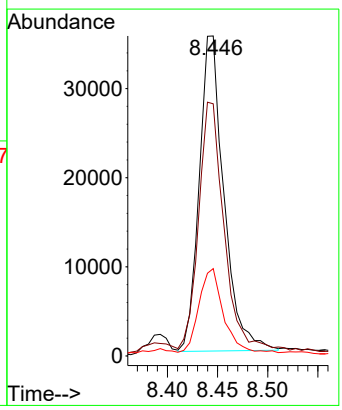


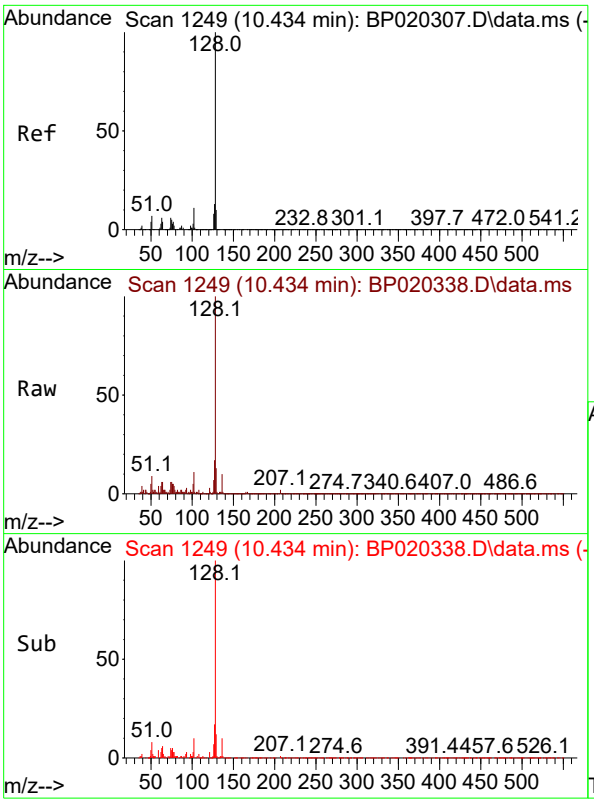


#16
Acetophenone
Concen: 5.519 ng/ul
RT: 8.446 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Tgt Ion:105 Resp: 60837

Ion	Ratio	Lower	Upper
105	100		
77	78.8	66.4	99.6
51	27.3	23.9	35.9



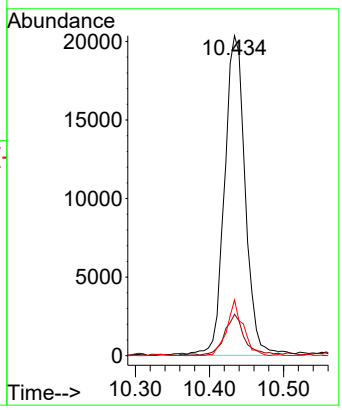


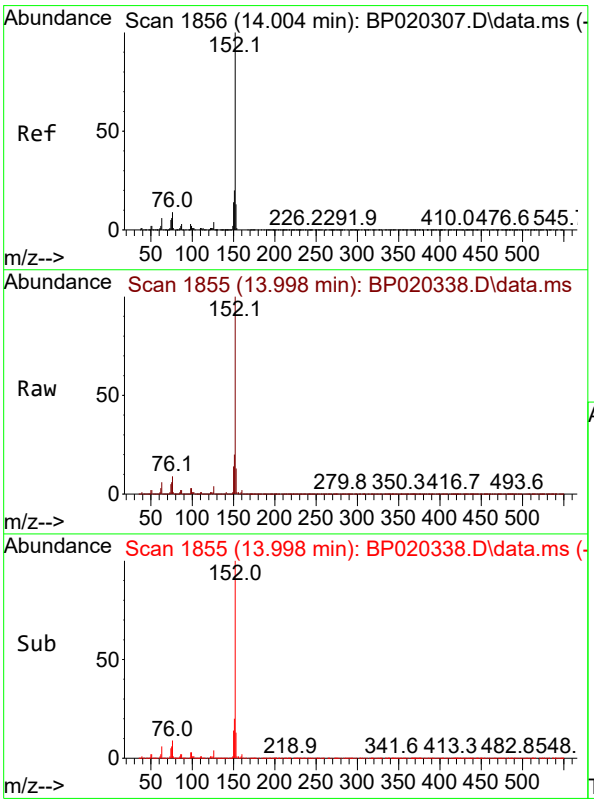
#30
Naphthalene
Concen: 1.909 ng/ul
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Instrument :
BNA_P
ClientSampleId :
A43R7

Tgt Ion:128 Resp: 39333

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.9	13.3
127	17.5	10.6	16.0#

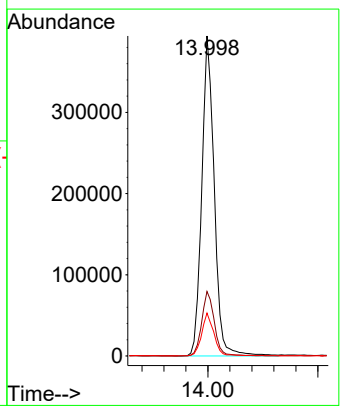


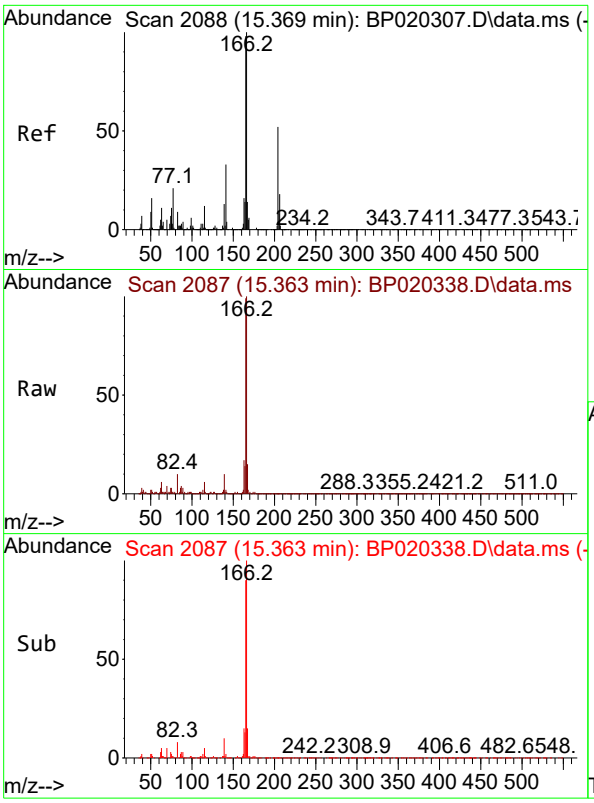


#50
Acenaphthylene
Concen: 25.462 ng/ul
RT: 13.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Tgt Ion:152 Resp: 622063

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	13.4	10.3	15.5



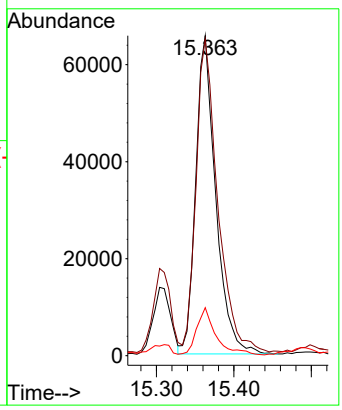


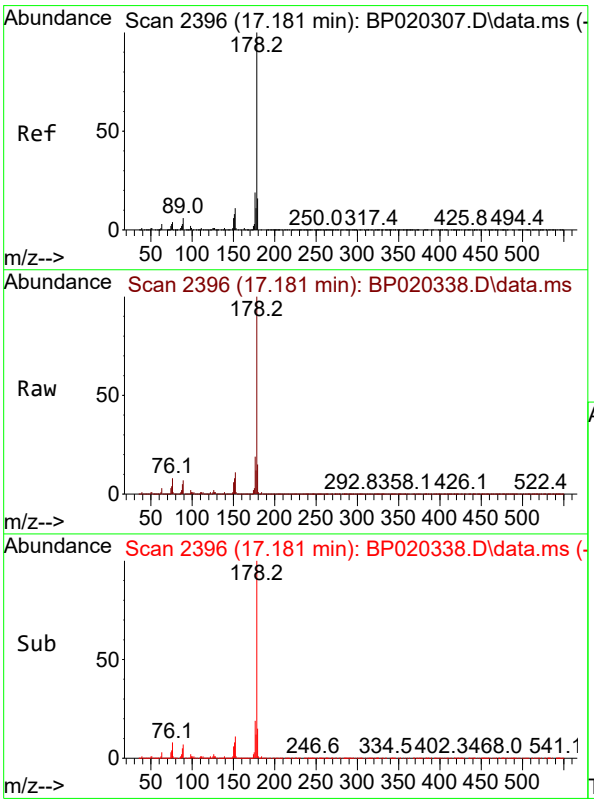
#61
Fluorene
Concen: 6.266 ng/ul
RT: 15.363 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Instrument :
BNA_P
ClientSampleId :
A43R7

Tgt Ion:166 Resp: 117560

Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.2	114.2
167	15.0	10.3	15.5

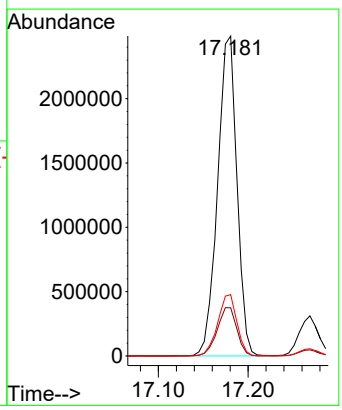


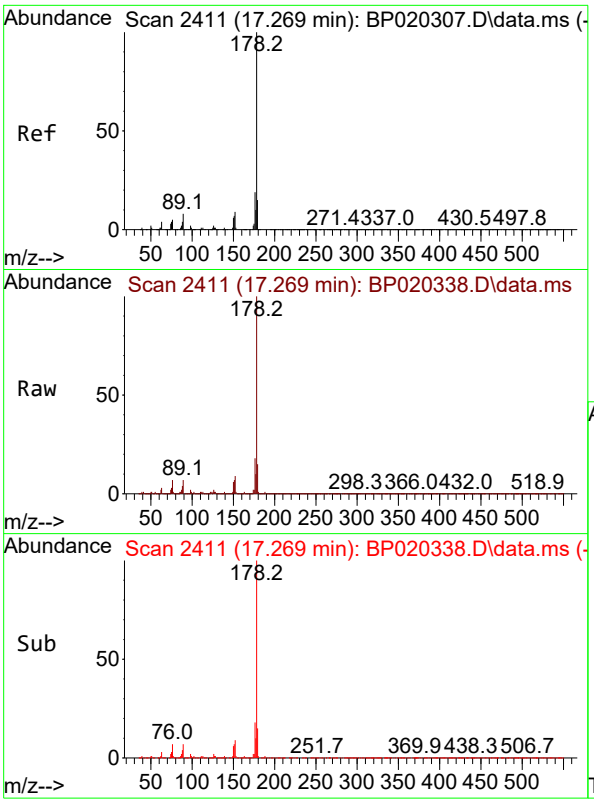


#72
Phenanthrene
Concen: 125.845 ng/ul
RT: 17.181 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Tgt Ion:178 Resp: 3721924

Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.0	19.6
176	19.1	15.2	22.8



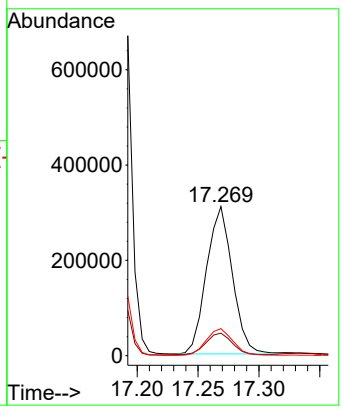


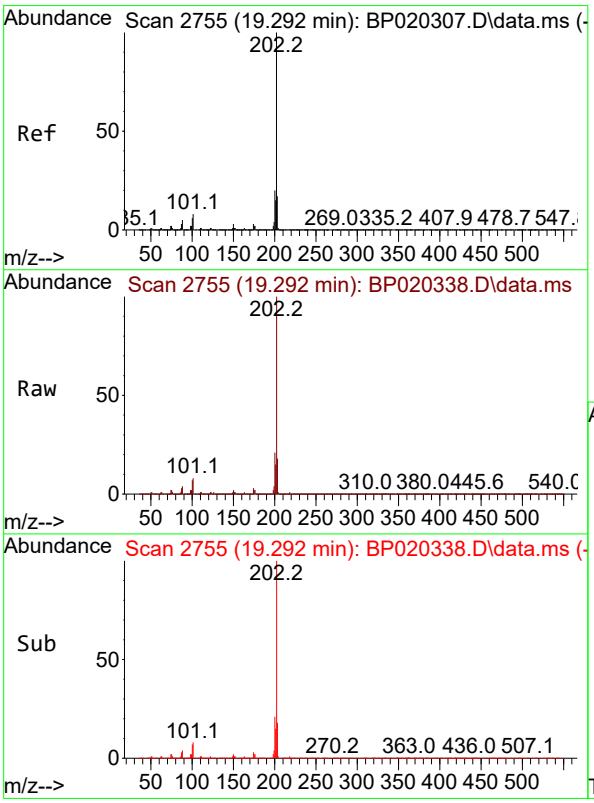
#74
Anthracene
Concen: 15.262 ng/ul
RT: 17.269 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Instrument :
BNA_P
ClientSampleId :
A43R7

Tgt Ion:178 Resp: 459110

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.0	18.0
176	18.1	14.8	22.2

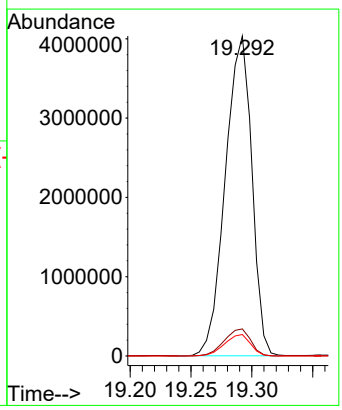


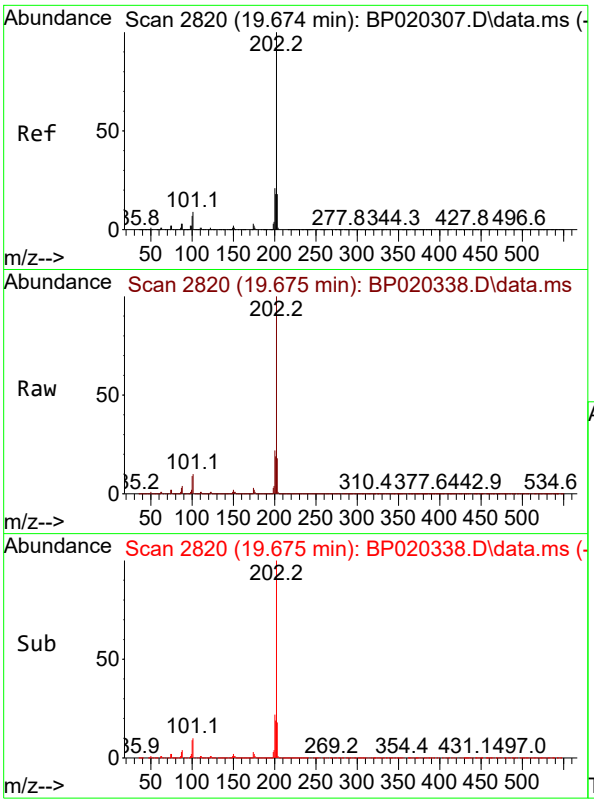


#80
Fluoranthene
Concen: 152.632 ng/ul
RT: 19.292 min Scan# 2755
Delta R.T. 0.006 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Tgt Ion:202 Resp: 6105207

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.0	10.4
100	6.7	5.5	8.3



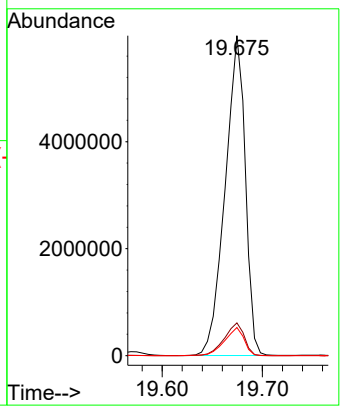


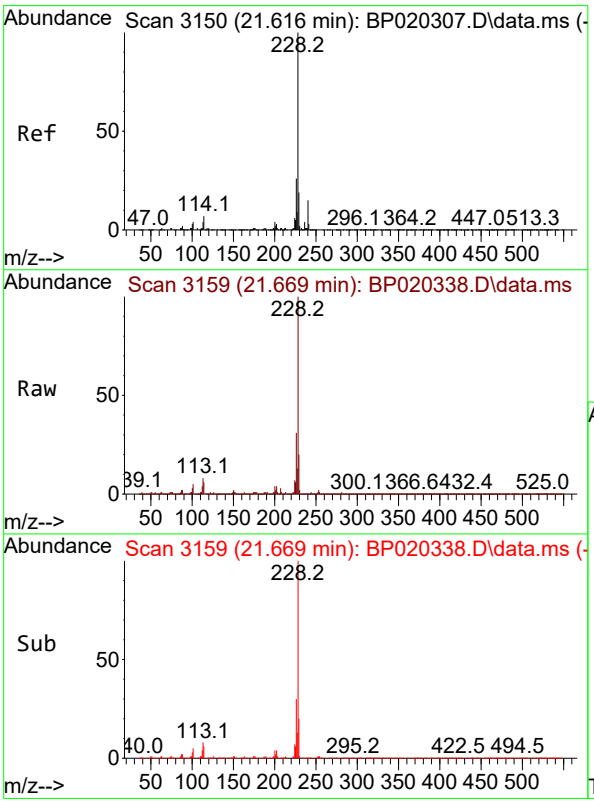
#82
Pyrene
Concen: 200.689 ng/ul
RT: 19.675 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Instrument :
BNA_P
ClientSampleId :
A43R7

Tgt Ion:202 Resp: 8352374

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.1	12.1
100	8.8	6.8	10.2

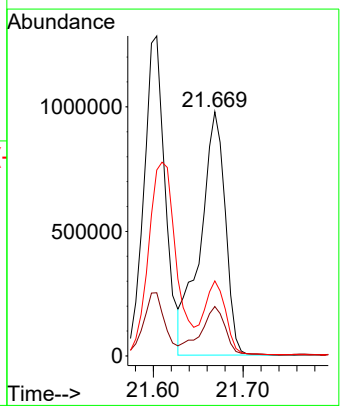


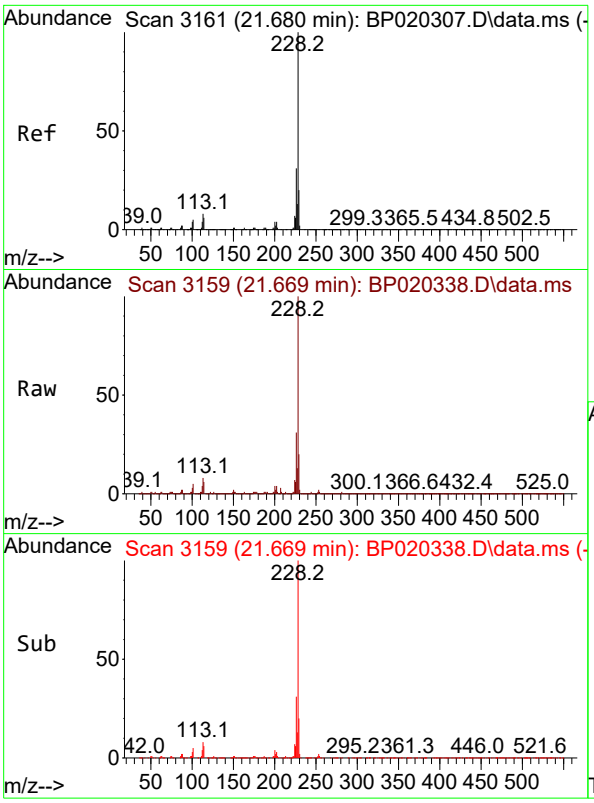


#85
Benzo(a)anthracene
Concen: 47.853 ng/ul
RT: 21.669 min Scan# 3159
Delta R.T. 0.076 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Tgt Ion:228 Resp: 1887198

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	30.7	21.5	32.3



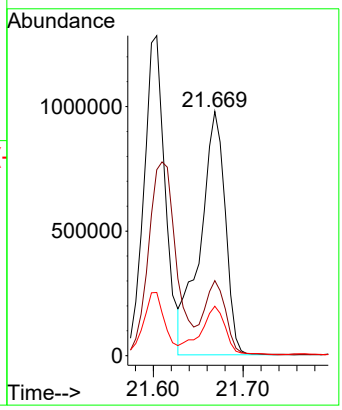


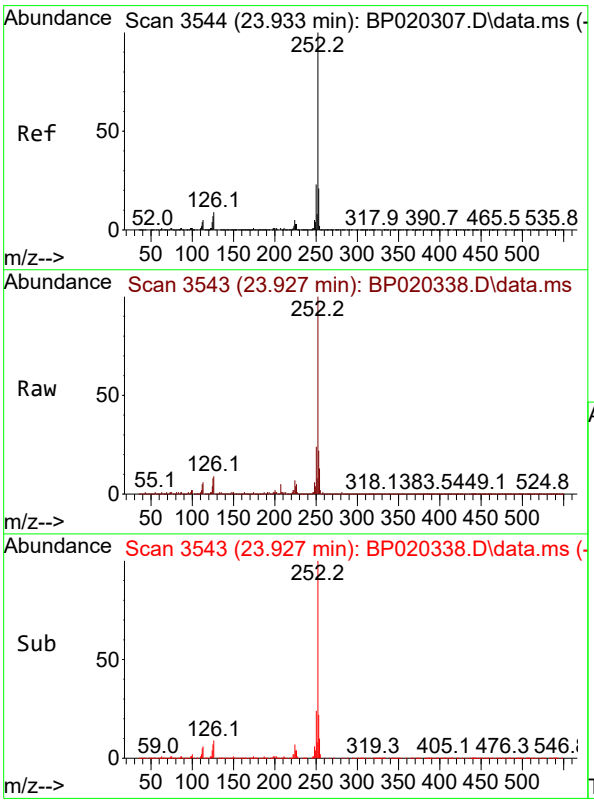
#87
Chrysene
Concen: 51.657 ng/ul
RT: 21.669 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Instrument :
BNA_P
ClientSampleId :
A43R7

Tgt Ion:228 Resp: 1888184

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	20.2	15.9	23.9

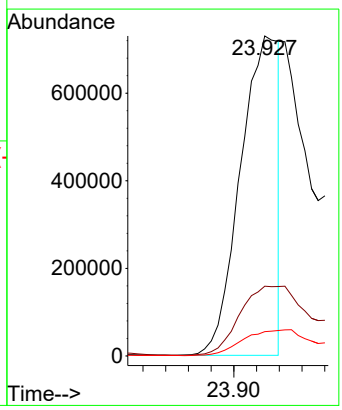


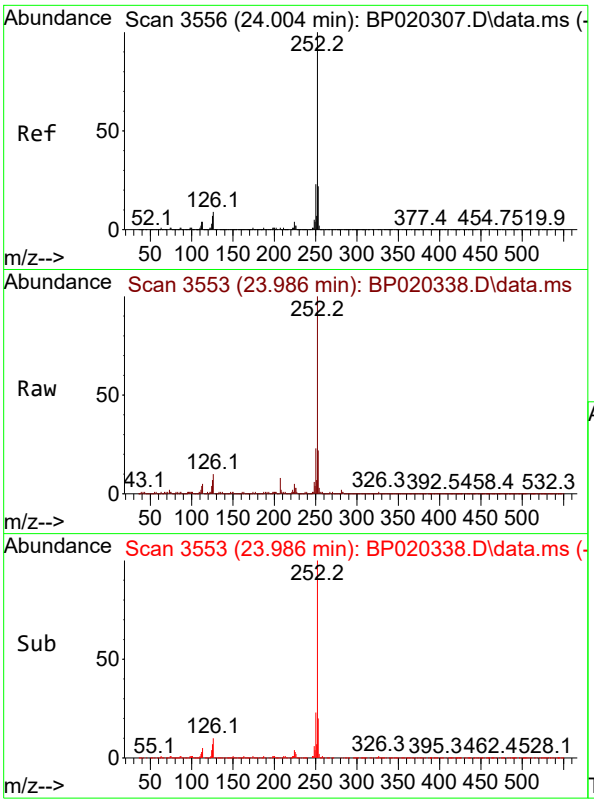


#90
Benzo(b)fluoranthene
Concen: 43.710 ng/ul
RT: 23.927 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Tgt Ion:252 Resp: 1714688

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	7.6	6.2	9.2



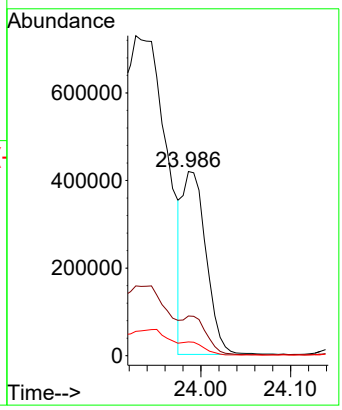


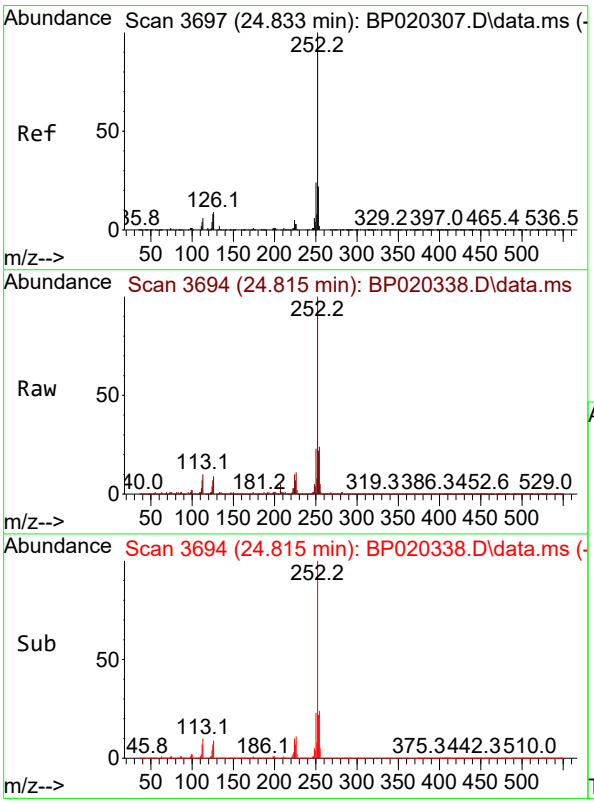
#91
Benzo(k)fluoranthene
Concen: 19.138 ng/ul
RT: 23.986 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Instrument :
BNA_P
ClientSampleId :
A43R7

Tgt Ion:252 Resp: 765096

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	7.5	5.6	8.4

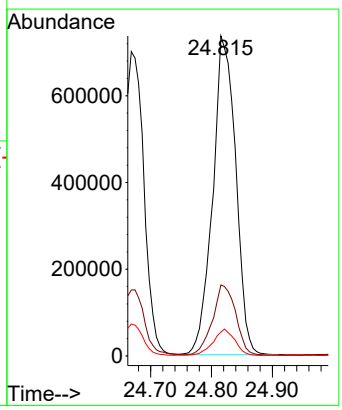


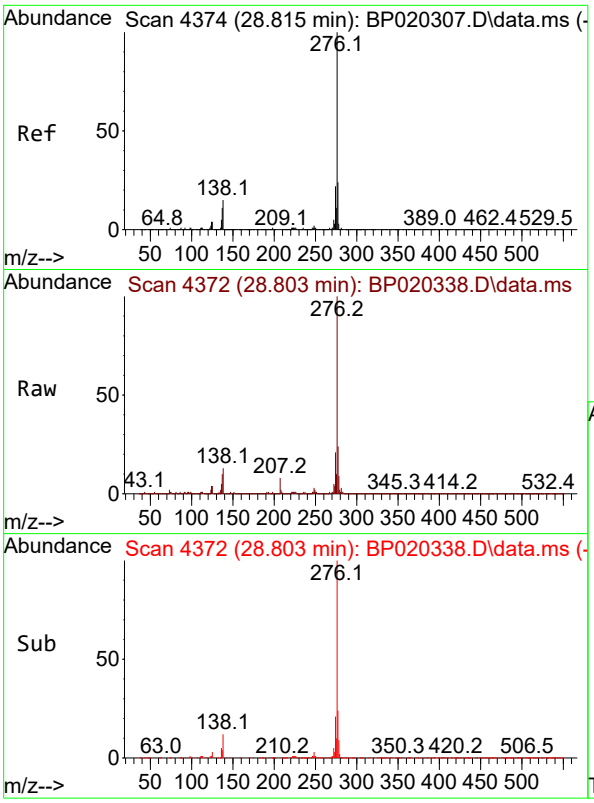


#93
Benzo(a)pyrene
Concen: 51.596 ng/ul
RT: 24.815 min Scan# 3694
Delta R.T. -0.000 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Tgt Ion:252 Resp: 1925909

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	7.5	6.6	10.0



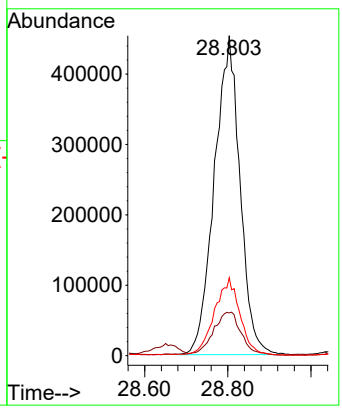


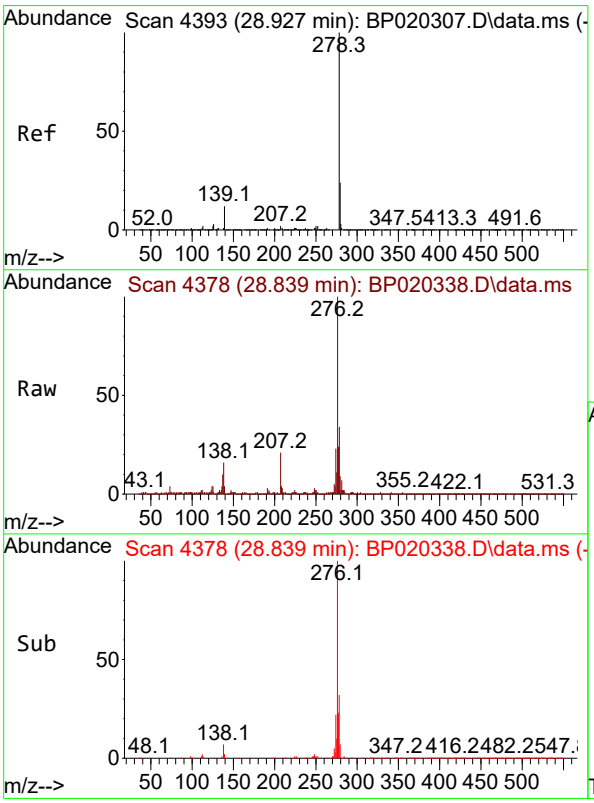
#94
Indeno(1,2,3-cd)pyrene
Concen: 42.215 ng/ul
RT: 28.803 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Instrument :
BNA_P
ClientSampleId :
A43R7

Tgt Ion:276 Resp: 1931657

Ion	Ratio	Lower	Upper
276	100		
138	13.3	12.3	18.5
277	24.3	19.0	28.4

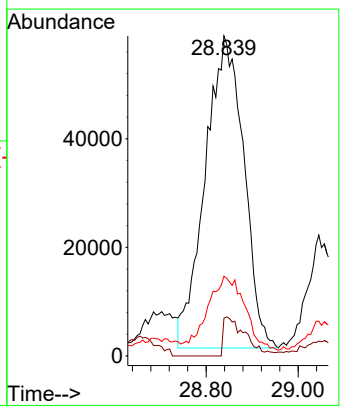


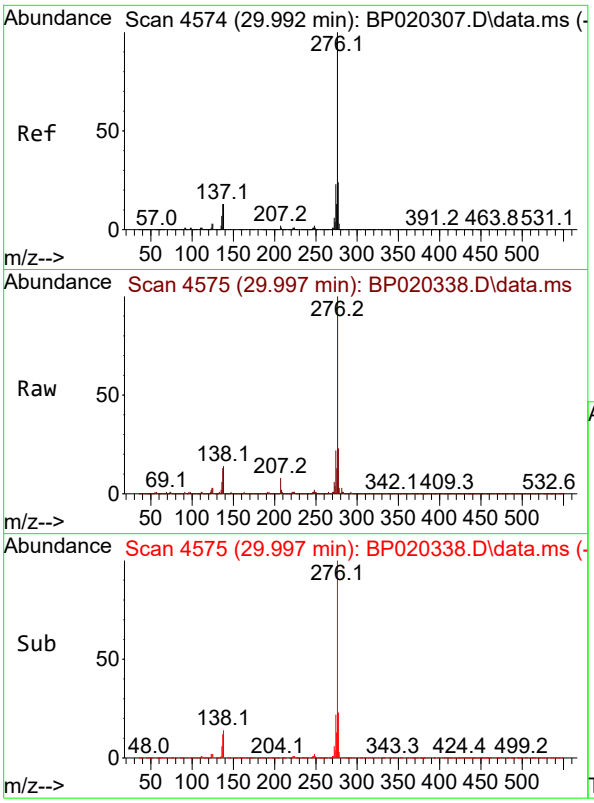


#95
Dibenzo(a,h)anthracene
Concen: 8.831 ng/ul
RT: 28.839 min Scan# 4378
Delta R.T. -0.024 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Tgt Ion:278 Resp: 334238

Ion	Ratio	Lower	Upper
278	100		
139	11.8	10.2	15.2
279	24.9	19.3	28.9





#96
Benzo(g,h,i)perylene
Concen: 44.121 ng/ul
RT: 29.997 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP020338.D
Acq: 12 May 2024 03:23

Instrument :
BNA_P
ClientSampleId :
A43R7

Tgt Ion:276 Resp: 1628269

Ion	Ratio	Lower	Upper
276	100		
138	14.3	11.6	17.4
277	22.9	19.4	29.0