Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

Quant Time: May 13 00:27:29 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	80102	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	335627	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	233218	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	527259	20.000	ng/ul	-0.01
79) Chrysene-d12	21.616	240	527305	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	592808	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	7292	3.845	ng/uL	0.00
4) Pyridine-d5	3.622	84	58233	10.567	ng/ul	0.00
7) Phenol-d5	6.805	99	161213	23.435	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	95333	22.813	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	131401	26.720	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	138998	24.993	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	66603	26.501	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	80072	27.821	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	143663	27.354	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	145285	19.765	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	485900	28.530	ng/ul	-0.01
49) Acenaphthylene-d8	13.969	160	526420	27.981	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	46640	17.818	ng/ul	0.00
60) Fluorene-d10	15.298	176	416910	29.349	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	54580	16.313	ng/ul	0.00
73) Anthracene-d10	17.222	188	692263	30.350	ng/ul	-0.01
81) Pyrene-d10	19.627	212	855802	27.765	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	874815	30.521	ng/ul	0.02
Target Compounds						Qvalue
8) Phenol	6.840	94	12424	1.750	ng/ul#	85
16) Acetophenone	8.440	105	82659	8.955	ng/ul	93
30) Naphthalene	10.434	128	107099	6.191	ng/ul	98
36) 2-Methylnaphthalene	12.057	142	22235	1.847	ng/ul	82
37) 1-Methylnaphthalene	12.287	142	20529	1.695	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	36252	2.198	ng/ul#	98
50) Acenaphthylene	13.998	152	661250	31.249	ng/ul	99
52) Acenaphthene	14.345	153	112832	7.935	ng/ul	99
56) Dibenzofuran	14.692	168	85946	4.394	ng/ul	97
61) Fluorene	15.357	166	290431	17.872	ng/ul	99
72) Phenanthrene	17.175	178	10896371	405.050	ng/ul	99
74) Anthracene	17.263	178	2670398	97.597	ng/ul	100
77) Carbazole	17.551	167	187803	7.968	ng/ul	99
80) Fluoranthene	19.433	202	2796179	77.083	ng/ul	98
82) Pyrene	19.669	202	18394272	487.355	ng/ul#	95
85) Benzo(a)anthracene	21.668	228	5990173	167.487	ng/ul	95
87) Chrysene	21.668	228	5984211	180.528	ng/ul	99
90) Benzo(b)fluoranthene	23.945	252	7599831	215.514	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	2485289	69.157	ng/ul	99
93) Benzo(a)pyrene	24.857	252	7021172	209.253	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.833	276	5178940	125.909	ng/ul	99
95) Dibenzo(a,h)anthracene	28.862	278	865507	25.440	ng/ul#	89
96) Benzo(g,h,i)perylene	29.986	276	1460300	44.019	ng/ul	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

Quant Time: May 13 00:27:29 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)

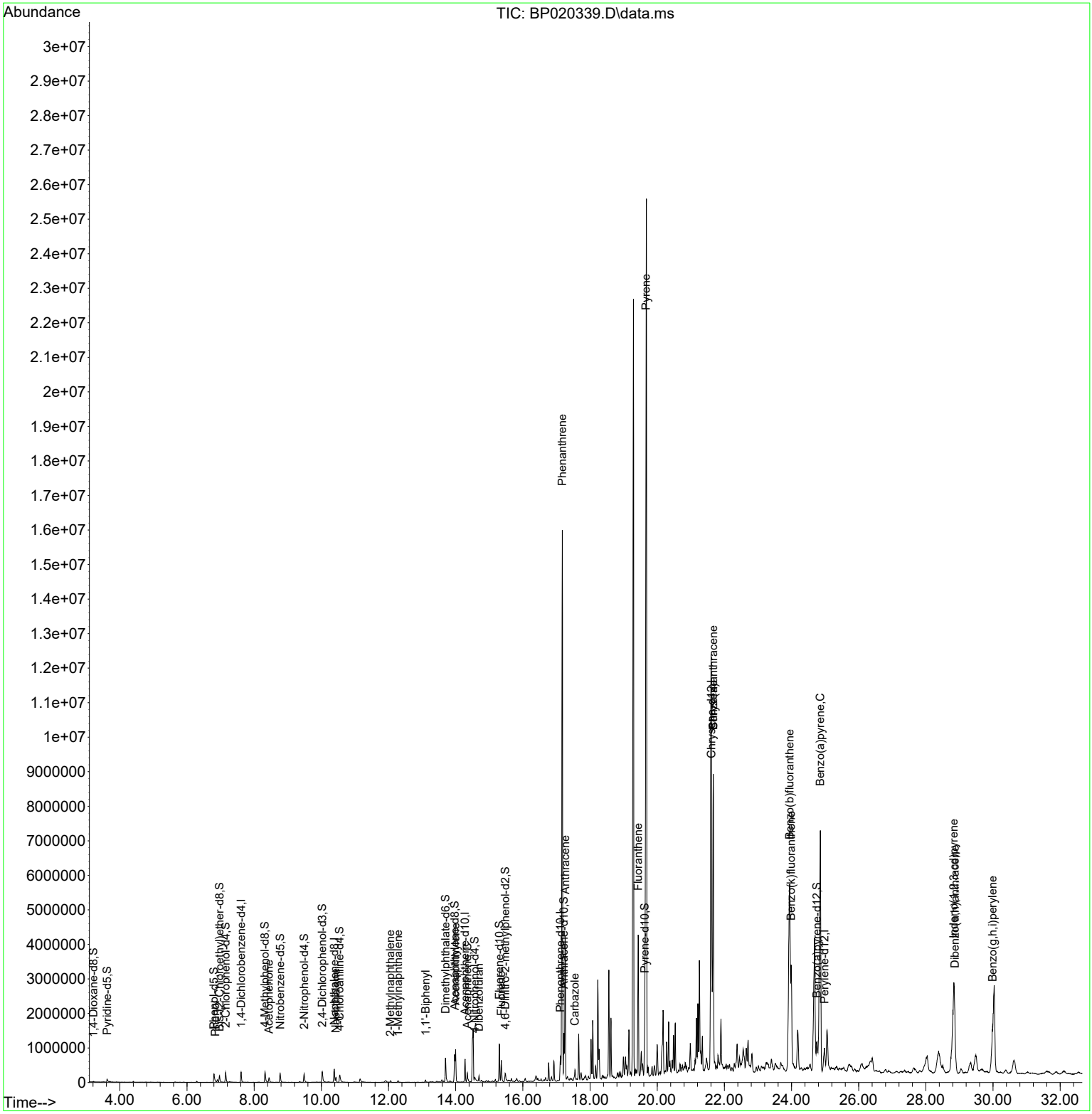
(#) = qualifier out of range (m) = manual integration (+) = signals summed

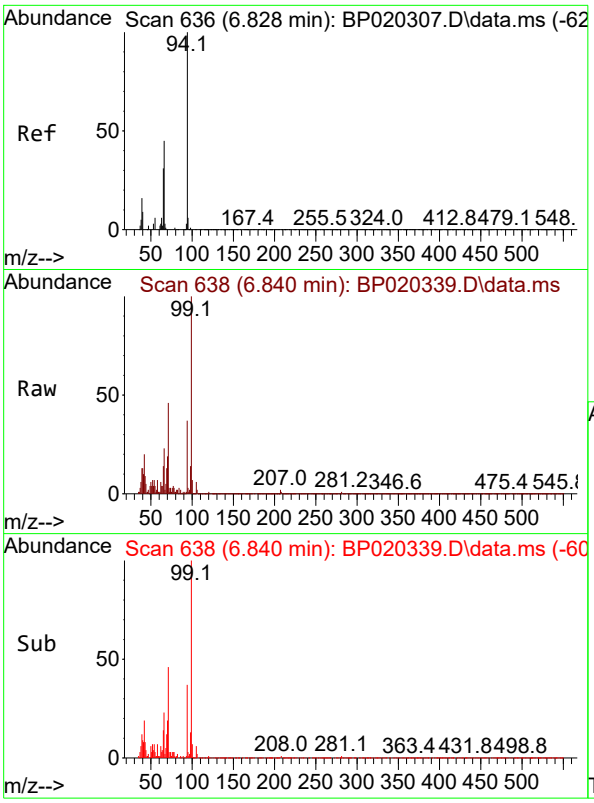
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020339.D
Acq On : 12 May 2024 04:07
Operator : MA/JU
Sample : P2371-08
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S0

Quant Time: May 13 00:27:29 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



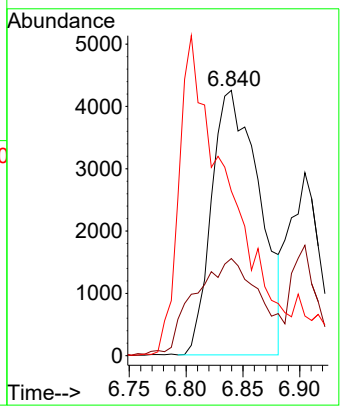


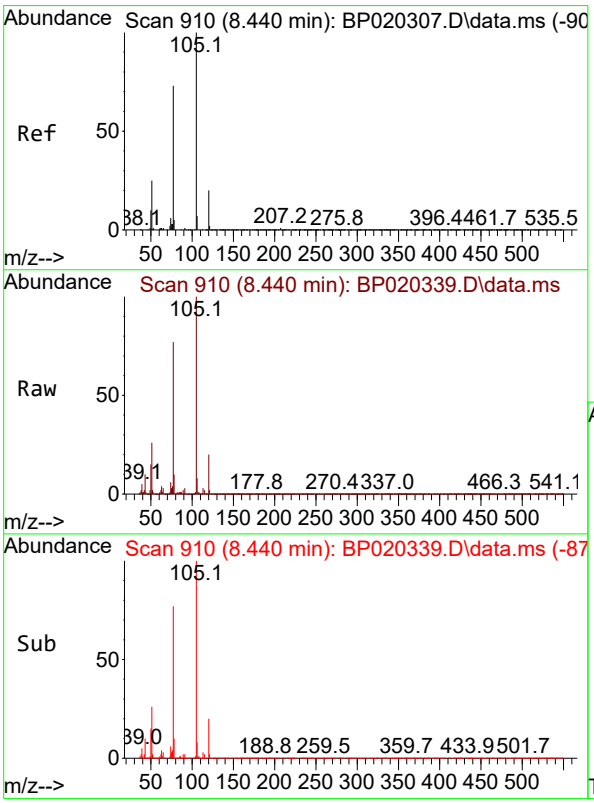
#8
Phenol
Concen: 1.750 ng/ul
RT: 6.840 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion: 94 Resp: 12424

Ion	Ratio	Lower	Upper
94	100		
65	36.6	26.1	39.1
66	62.1	38.6	57.8#

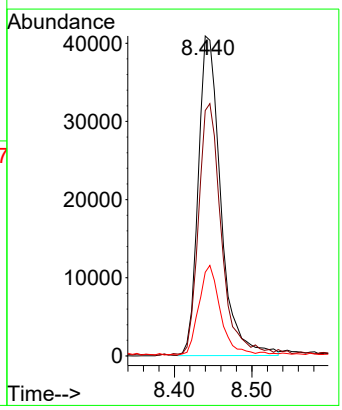


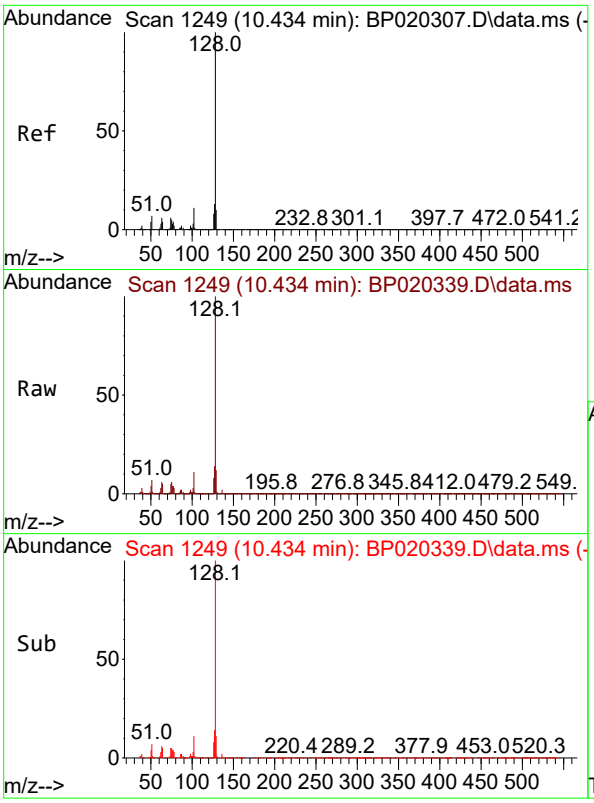


#16
Acetophenone
Concen: 8.955 ng/ul
RT: 8.440 min Scan# 910
Delta R.T. -0.000 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:105 Resp: 82659

Ion	Ratio	Lower	Upper
105	100		
77	76.7	66.4	99.6
51	26.1	23.9	35.9



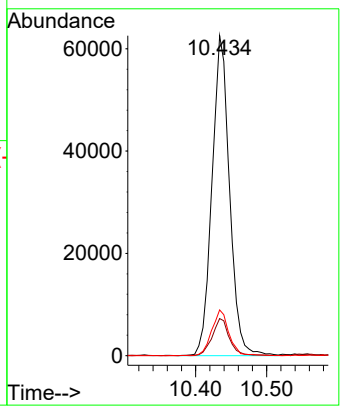


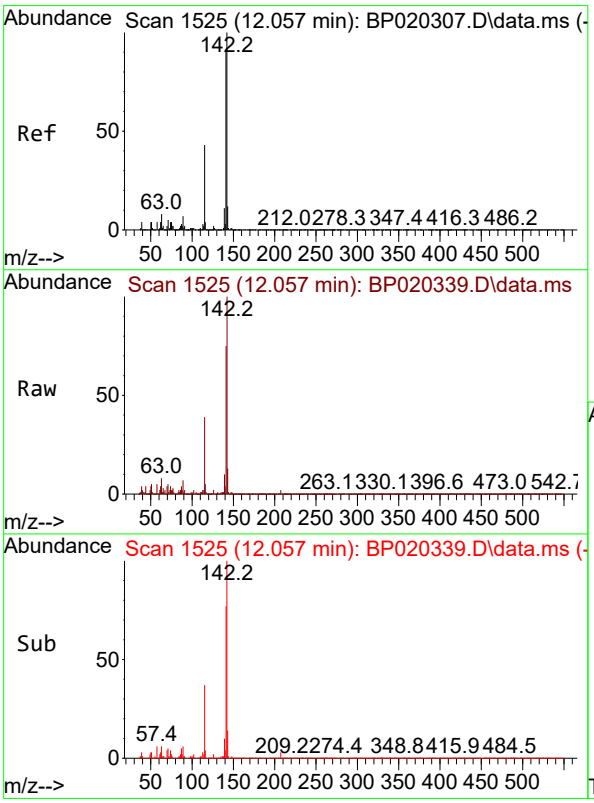
#30
Naphthalene
Concen: 6.191 ng/ul
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:128 Resp: 107099

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	14.3	10.6	16.0

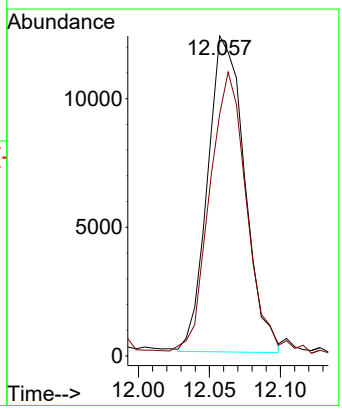


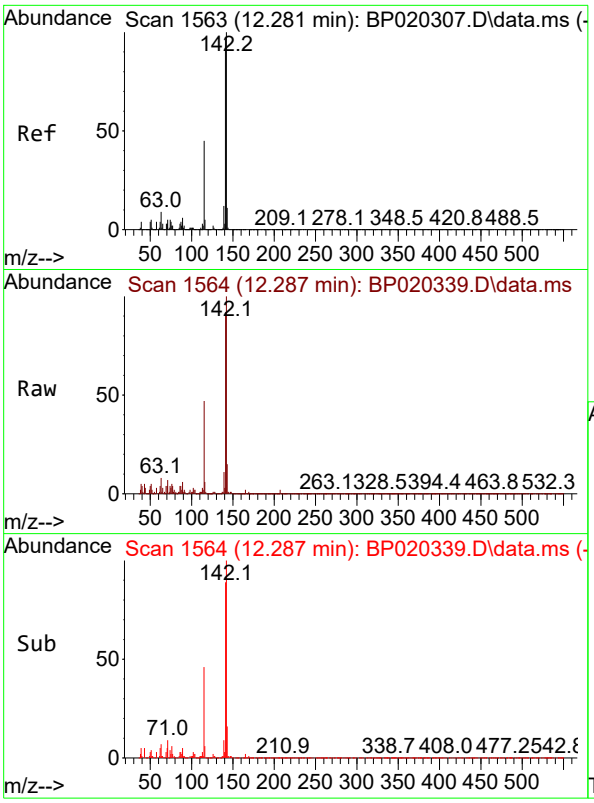


#36
2-Methylnaphthalene
Concen: 1.847 ng/ul
RT: 12.057 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:142 Resp: 22235

Ion	Ratio	Lower	Upper
142	100		
141	75.5	74.6	111.8



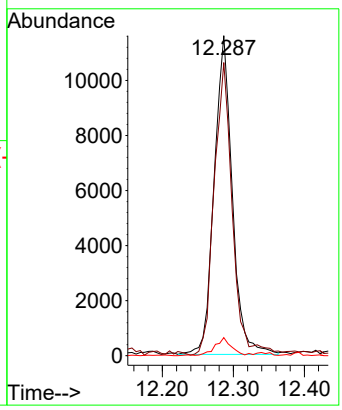


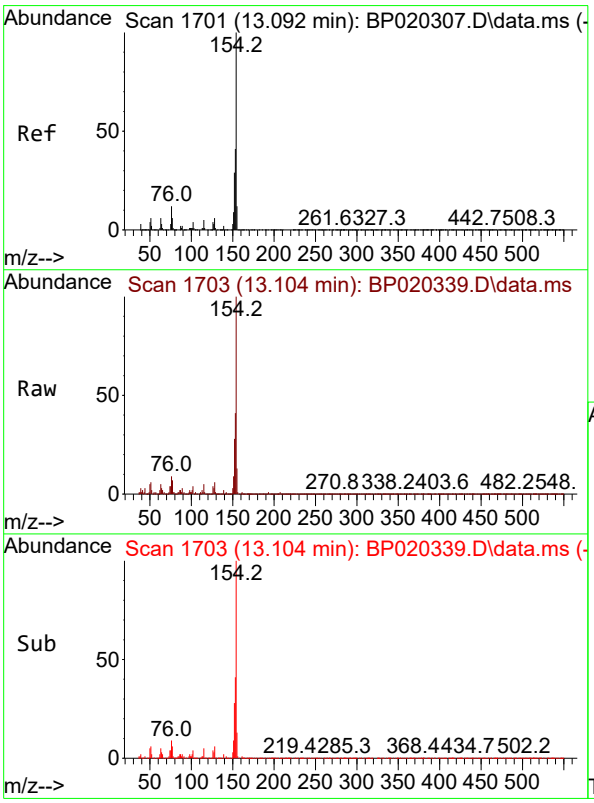
#37
1-Methylnaphthalene
Concen: 1.695 ng/ul
RT: 12.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:142 Resp: 20529

Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.5	113.3
116	5.7	3.9	5.9

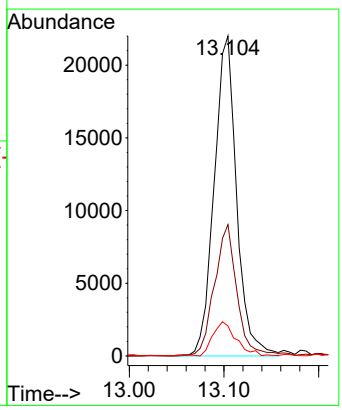


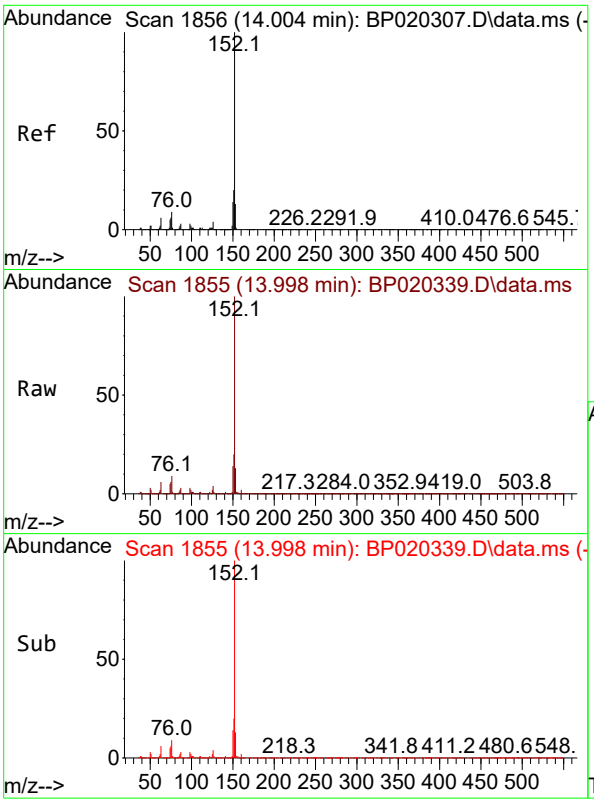


#43
1,1'-Biphenyl
Concen: 2.198 ng/ul
RT: 13.104 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:154 Resp: 36252

Ion	Ratio	Lower	Upper
154	100		
153	41.1	33.1	49.7
76	9.4	9.7	14.5#



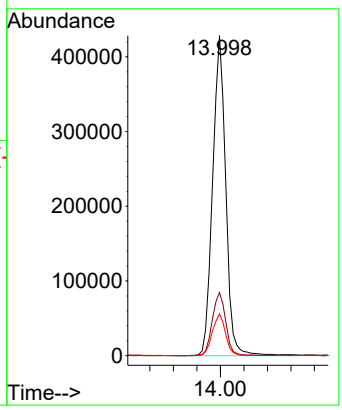


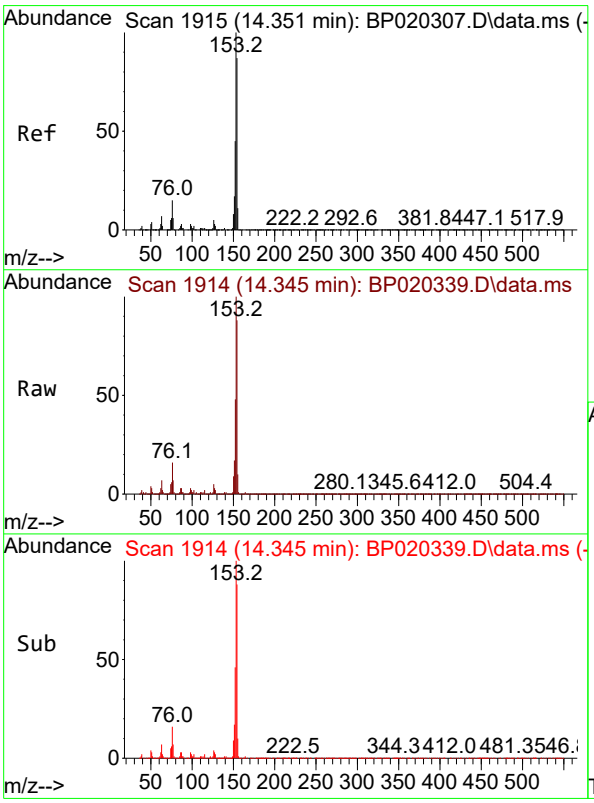
#50
Acenaphthylene
Concen: 31.249 ng/ul
RT: 13.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:152 Resp: 661250

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.5	24.7
153	13.1	10.3	15.5

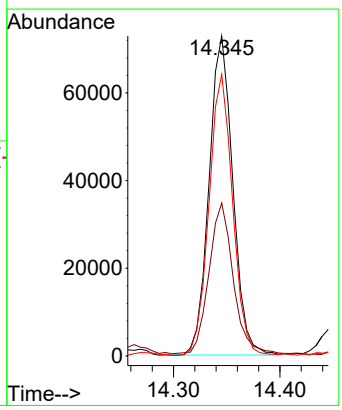


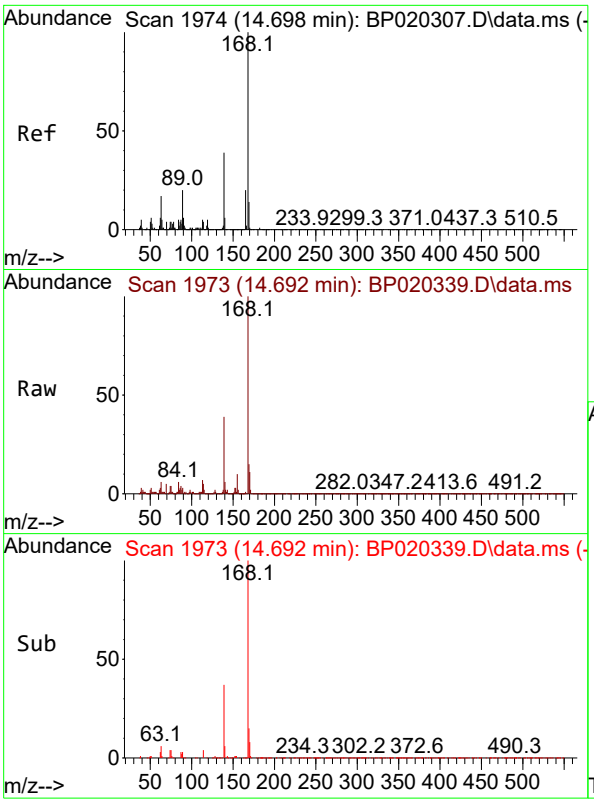


#52
Acenaphthene
Concen: 7.935 ng/ul
RT: 14.345 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:153 Resp: 112832

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.4	56.2
154	88.0	70.3	105.5



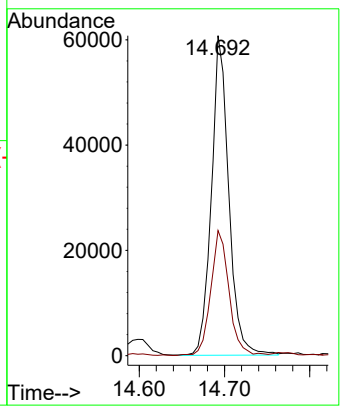


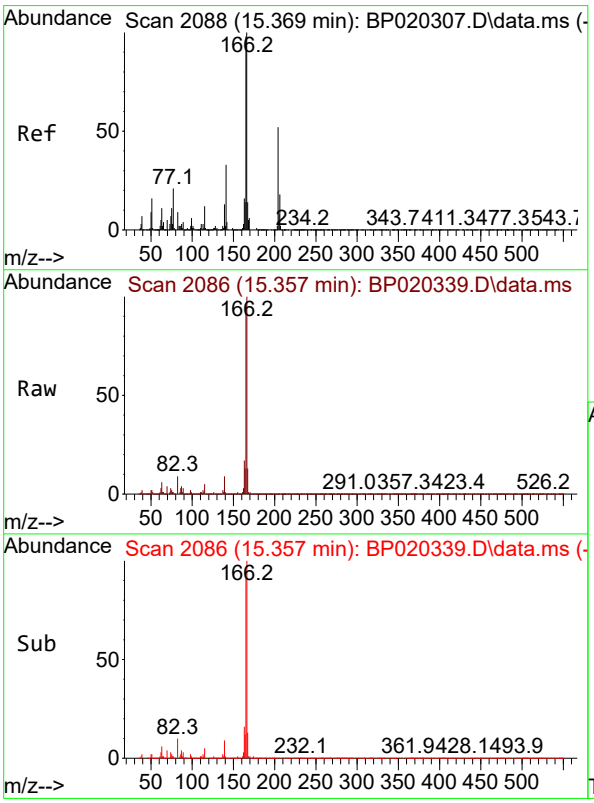
#56
Dibenzofuran
Concen: 4.394 ng/ul
RT: 14.692 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:168 Resp: 85946

Ion	Ratio	Lower	Upper
168	100		
139	39.1	32.7	49.1

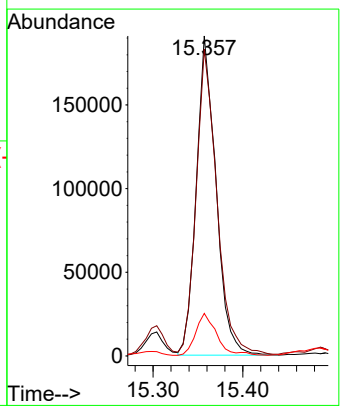


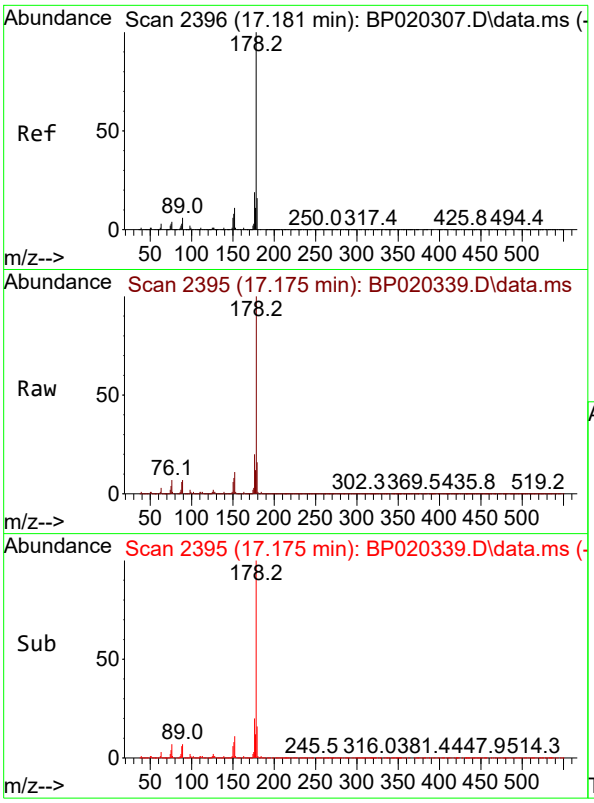


#61
Fluorene
Concen: 17.872 ng/ul
RT: 15.357 min Scan# 2086
Delta R.T. -0.018 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:166 Resp: 290431

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.2	114.2
167	13.3	10.3	15.5



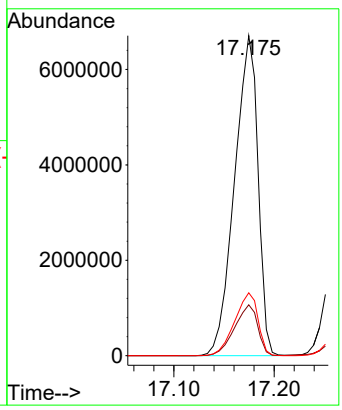


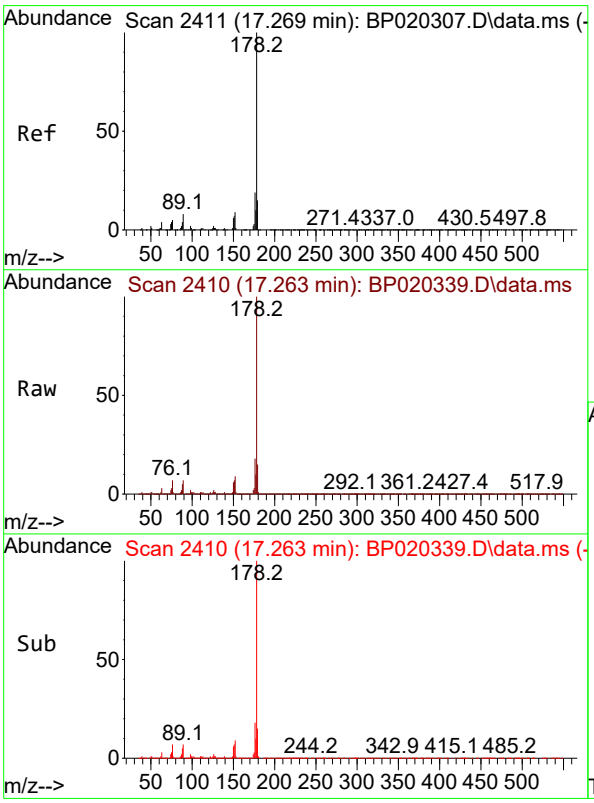
#72
Phenanthrene
Concen: 405.050 ng/ul
RT: 17.175 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:178 Resp:10896371

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	19.7	15.2	22.8

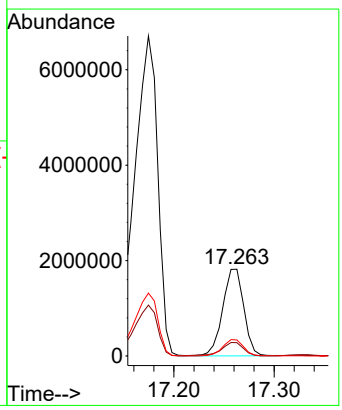


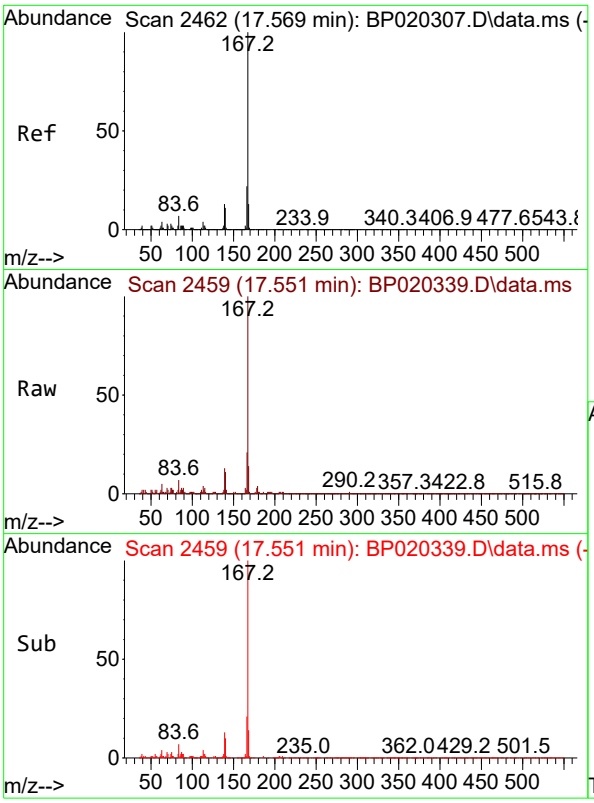


#74
Anthracene
Concen: 97.597 ng/ul
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:178 Resp: 2670398

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	18.5	14.8	22.2



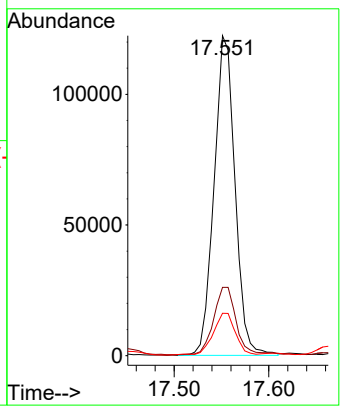


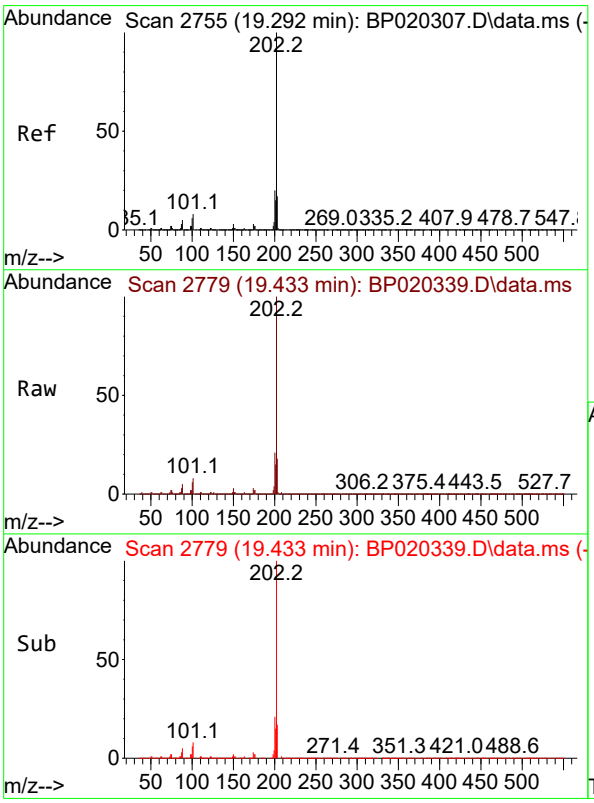
#77
Carbazole
Concen: 7.968 ng/ul
RT: 17.551 min Scan# 24
Delta R.T. -0.018 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:167 Resp: 187803

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	13.3	11.0	16.4

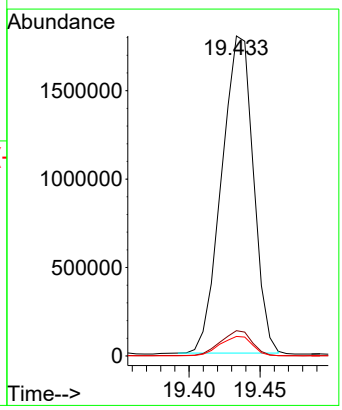


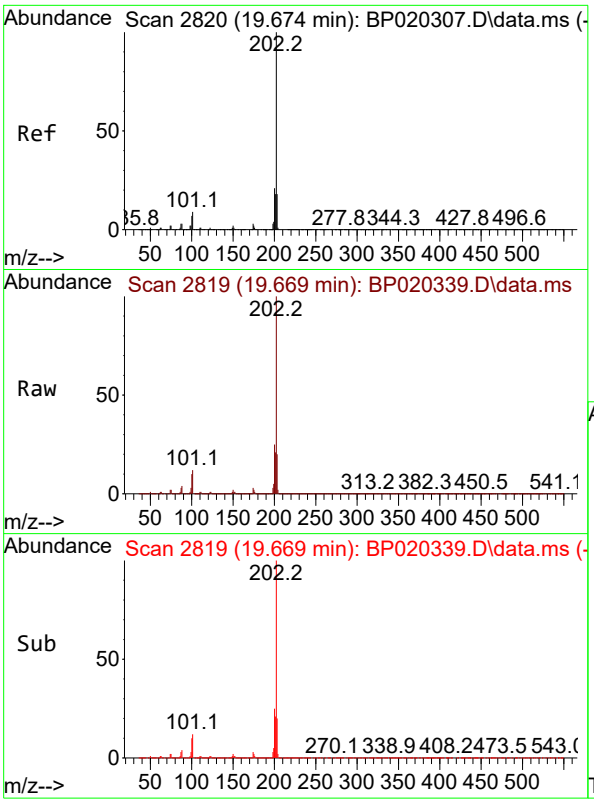


#80
Fluoranthene
Concen: 77.083 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.147 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:202 Resp: 2796179

Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.0	10.4
100	6.1	5.5	8.3



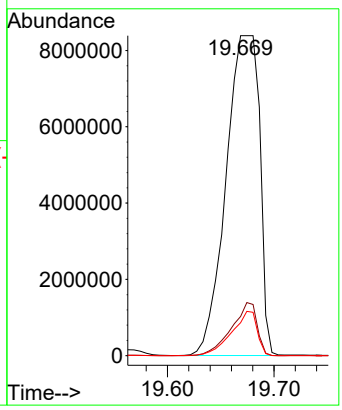


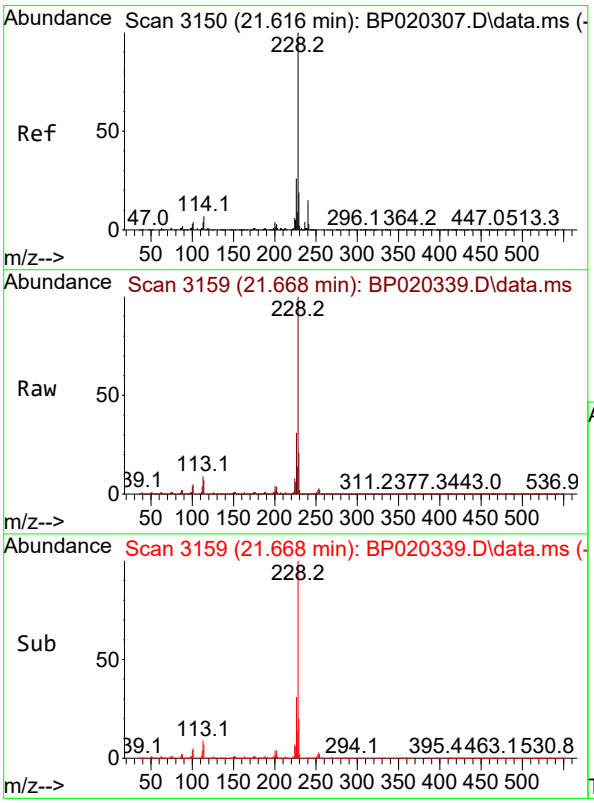
#82
Pyrene
Concen: 487.355 ng/ul
RT: 19.669 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:202 Resp:18394272

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.1	12.1#
100	10.3	6.8	10.2#

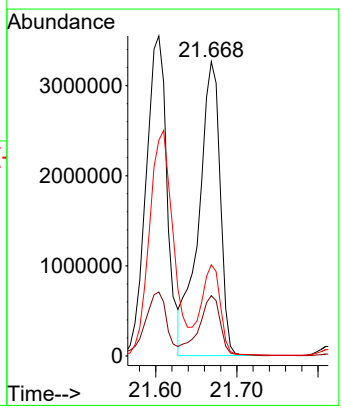


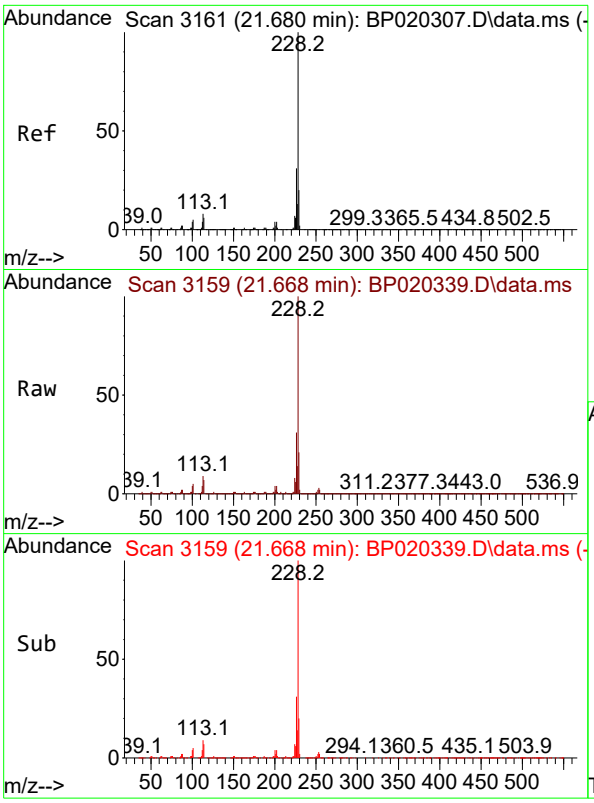


#85
Benzo(a)anthracene
Concen: 167.487 ng/ul
RT: 21.668 min Scan# 3159
Delta R.T. 0.076 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:228 Resp: 5990173

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	31.0	21.5	32.3



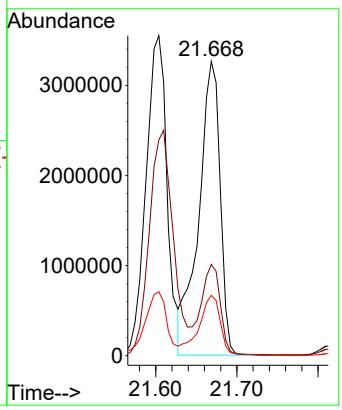


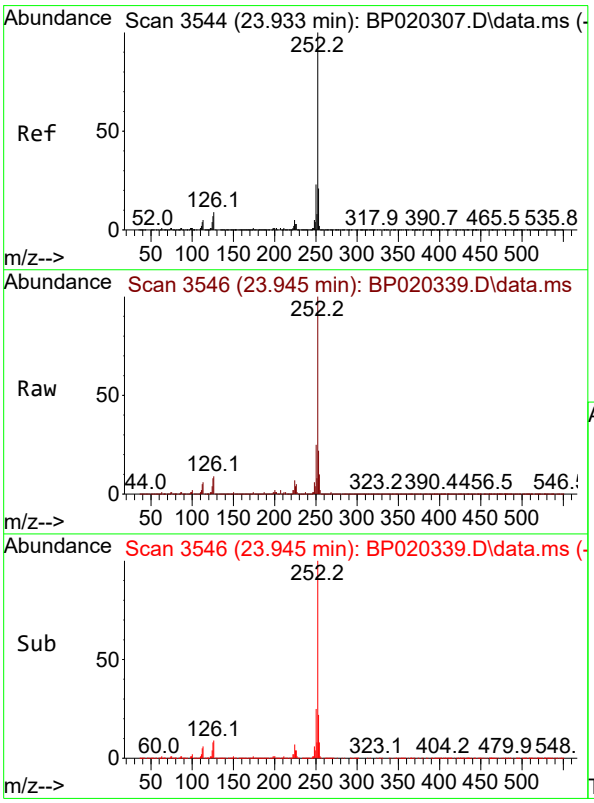
#87
Chrysene
Concen: 180.528 ng/ul
RT: 21.668 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:228 Resp: 5984211

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	20.5	15.9	23.9

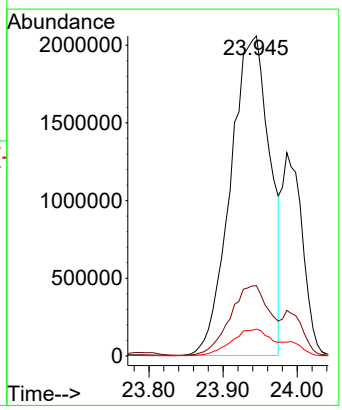


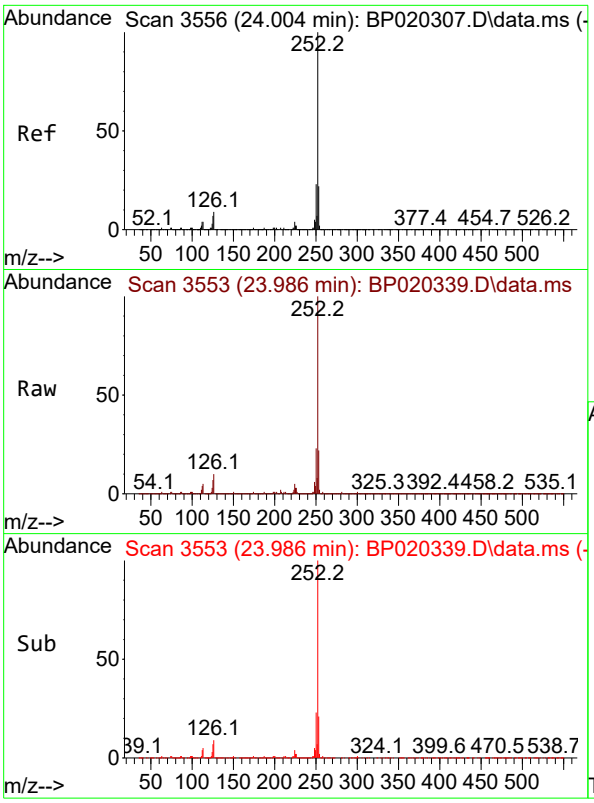


#90
Benzo(b)fluoranthene
Concen: 215.514 ng/ul
RT: 23.945 min Scan# 3546
Delta R.T. 0.023 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:252 Resp: 7599831

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.4	6.2	9.2



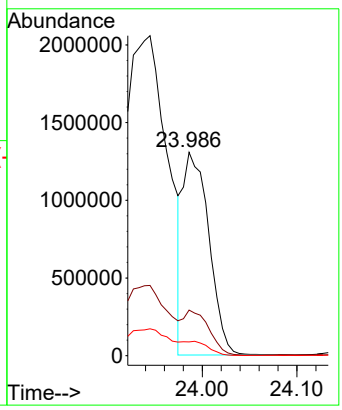


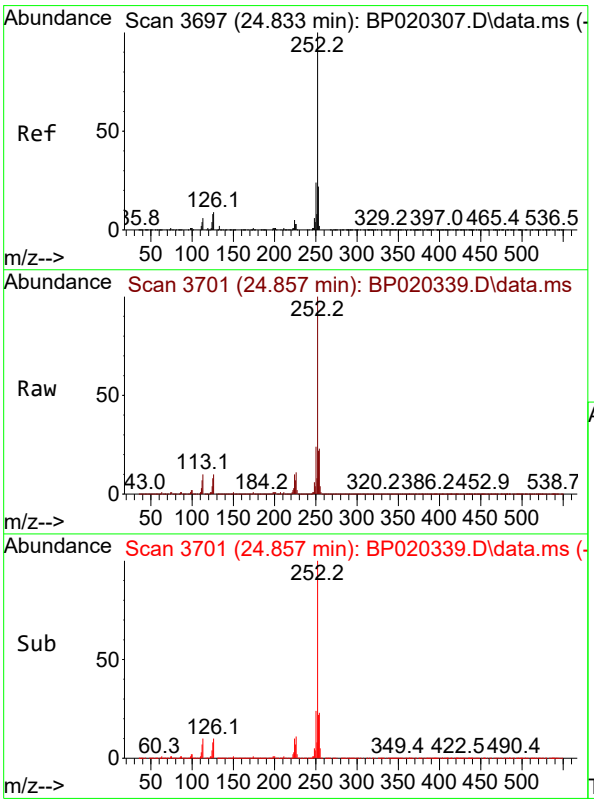
#91
Benzo(k)fluoranthene
Concen: 69.157 ng/ul
RT: 23.986 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:252 Resp: 2485289

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	6.8	5.6	8.4

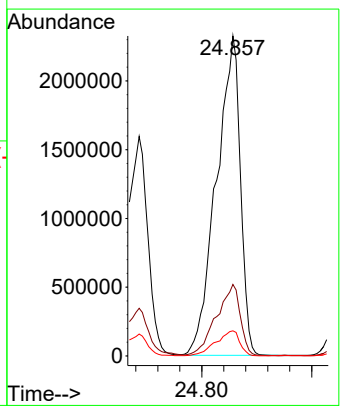


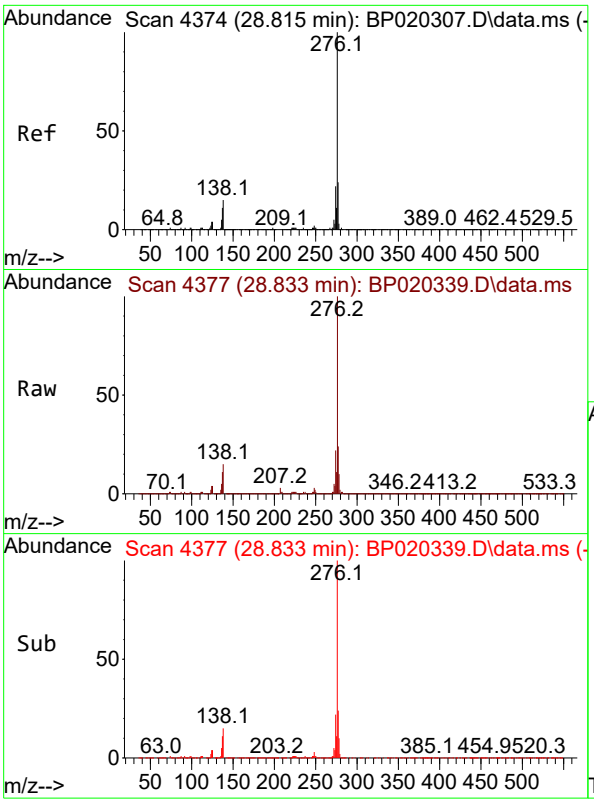


#93
Benzo(a)pyrene
Concen: 209.253 ng/ul
RT: 24.857 min Scan# 3701
Delta R.T. 0.041 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:252 Resp: 7021172

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.9	6.6	10.0



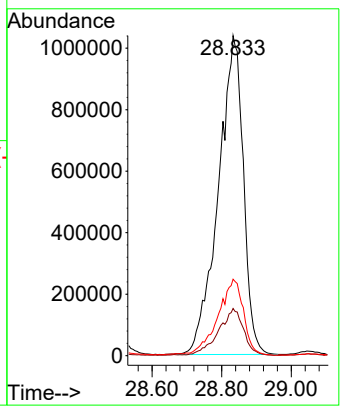


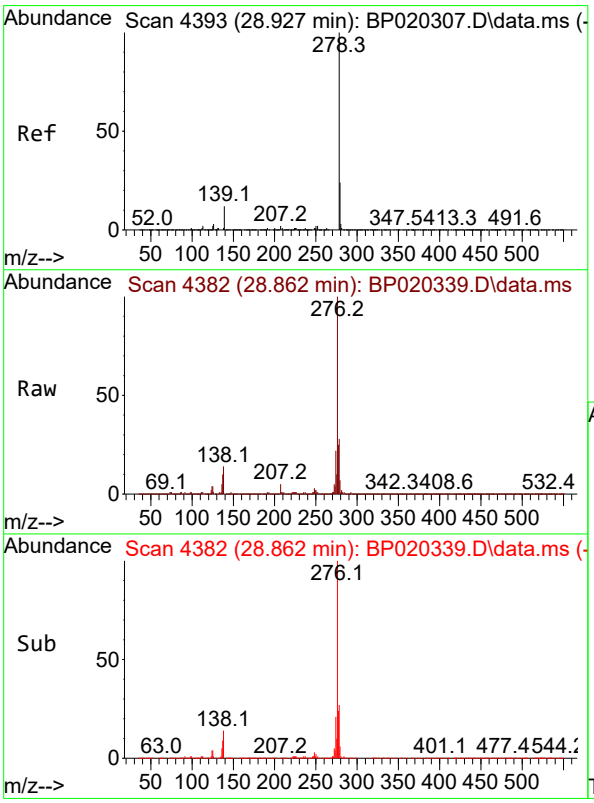
#94
Indeno(1,2,3-cd)pyrene
Concen: 125.909 ng/ul
RT: 28.833 min Scan# 4
Delta R.T. 0.041 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:276 Resp: 5178940

Ion	Ratio	Lower	Upper
276	100		
138	14.8	12.3	18.5
277	23.9	19.0	28.4

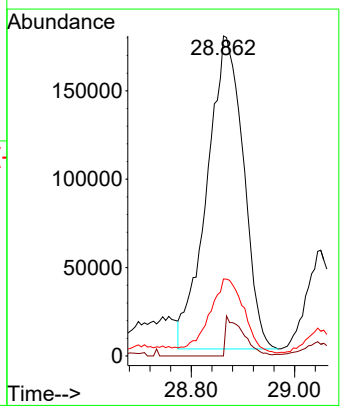


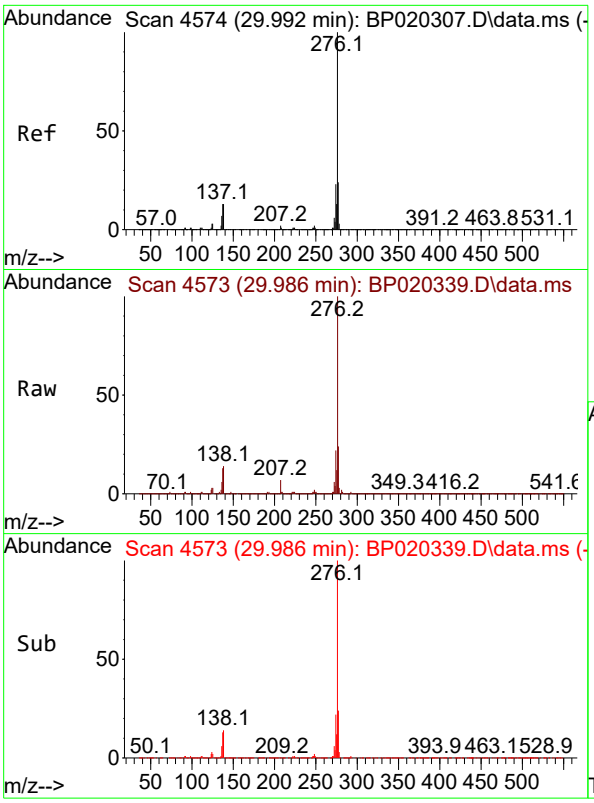


#95
Dibenzo(a,h)anthracene
Concen: 25.440 ng/ul
RT: 28.862 min Scan# 4382
Delta R.T. -0.000 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Tgt Ion:278 Resp: 865507

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.2	15.2#
279	24.0	19.3	28.9





#96
Benzo(g,h,i)perylene
Concen: 44.019 ng/ul
RT: 29.986 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP020339.D
Acq: 12 May 2024 04:07

Instrument :
BNA_P
ClientSampleId :
A43S0

Tgt Ion:276 Resp: 1460300

Ion	Ratio	Lower	Upper
276	100		
138	14.4	11.6	17.4
277	24.4	19.4	29.0