Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

Quant Time: May 06 22:46:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 06 12:26:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	98135	20.000	ng/ul	0.02
20) Naphthalene-d8	10.393	136	419885	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.292	164	305285	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	688059	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	648171	20.000	ng/ul	0.00
88) Perylene-d12	24.980	264	611183	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	8489	3.653	ng/uL	0.00
4) Pyridine-d5	3.622	84	58489	8.663	ng/ul	0.02
7) Phenol-d5	6.810	99	178162	21.140	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	6.975	67	119555	23.353	ng/ul	0.02
11) 2-Chlorophenol-d4	7.157	132	140465	23.315	ng/ul	0.02
15) 4-Methylphenol-d8	8.334	113	118630	17.411	ng/ul	0.02
21) Nitrobenzene-d5	8.781	128	73770	23.462	ng/ul	0.02
24) 2-Nitrophenol-d4	9.493	143	86300	23.968	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.034	165	154299	23.483	ng/ul	0.02
31) 4-Chloroaniline-d4	10.563	131	144961	15.763	ng/ul	0.03
46) Dimethylphthalate-d6	13.704	166	568398	25.496	ng/ul	0.00
49) Acenaphthylene-d8	13.981	160	607496	24.668	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	57836	16.880	ng/ul	0.01
60) Fluorene-d10	15.322	176	491089	26.410	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	346	0.079	ng/ul	-0.08
73) Anthracene-d10	17.233	188	799139	26.848	ng/ul	0.00
81) Pyrene-d10	19.639	212	1008369	26.614	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.745	264	779823	26.389	ng/ul	-0.02
Target Compounds						Qvalue
16) Acetophenone	8.457	105	50195	4.439	ng/ul	96
50) Acenaphthylene	14.016	152	66872	2.414	ng/ul	96
72) Phenanthrene	17.175	178	167598	4.774	ng/ul	99
74) Anthracene	17.275	178	53290	1.492	ng/ul	96
80) Fluoranthene	19.286	202	458535	10.283	ng/ul	99
82) Pyrene	19.669	202	671435	14.472	ng/ul	99
85) Benzo(a)anthracene	21.680	228	349335	7.946	ng/ul	93
87) Chrysene	21.680	228	348142	8.544	ng/ul	97
90) Benzo(b)fluoranthene	23.910	252	316832	8.715	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	80725	2.179	ng/ul	97
93) Benzo(a)pyrene	24.815	252	293076	8.472	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.786	276	155385	3.664	ng/ul	97
96) Benzo(g,h,i)perylene	29.945	276	54357	1.589	ng/ul#	93

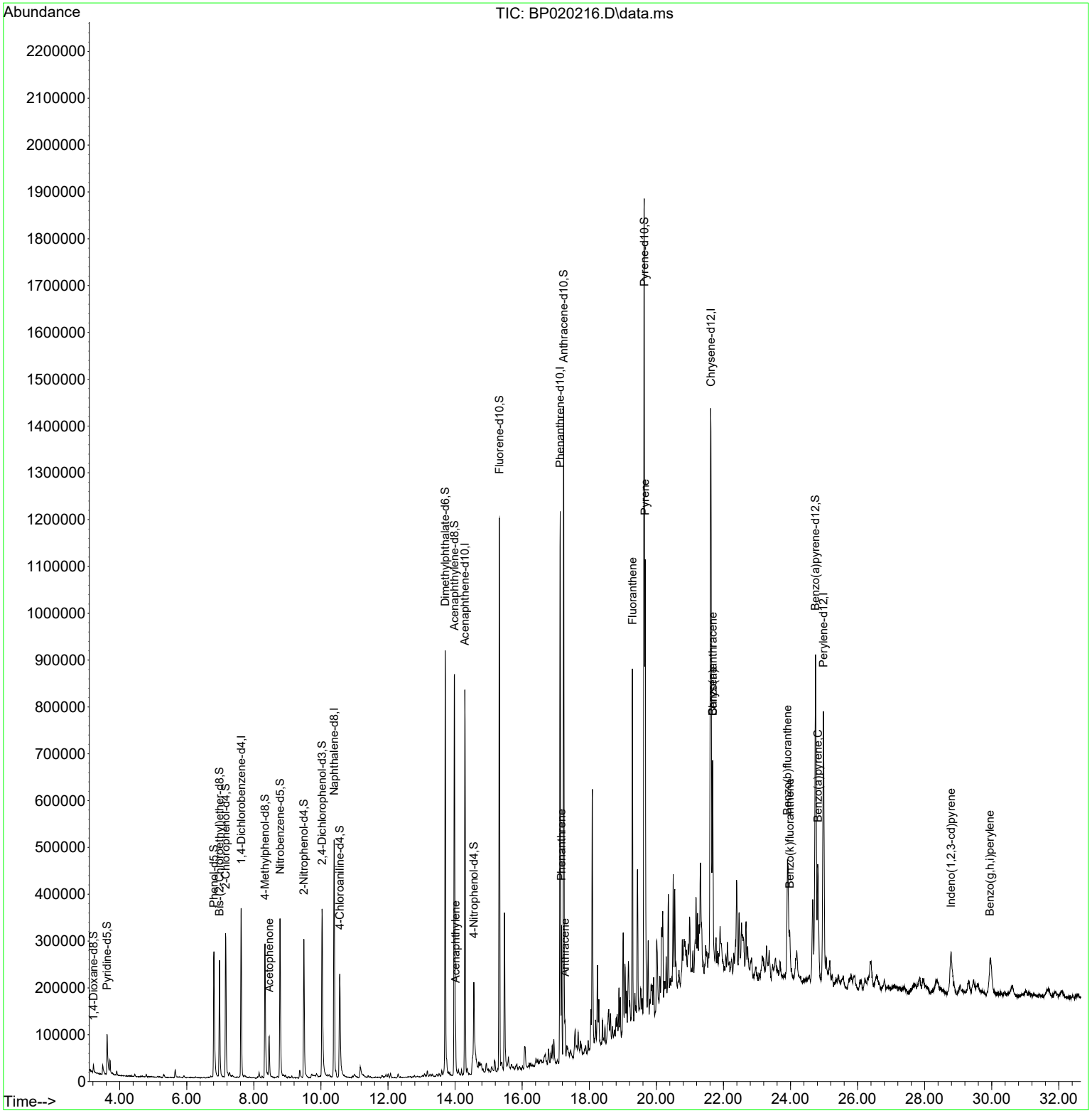
(#) = qualifier out of range (m) = manual integration (+) = signals summed

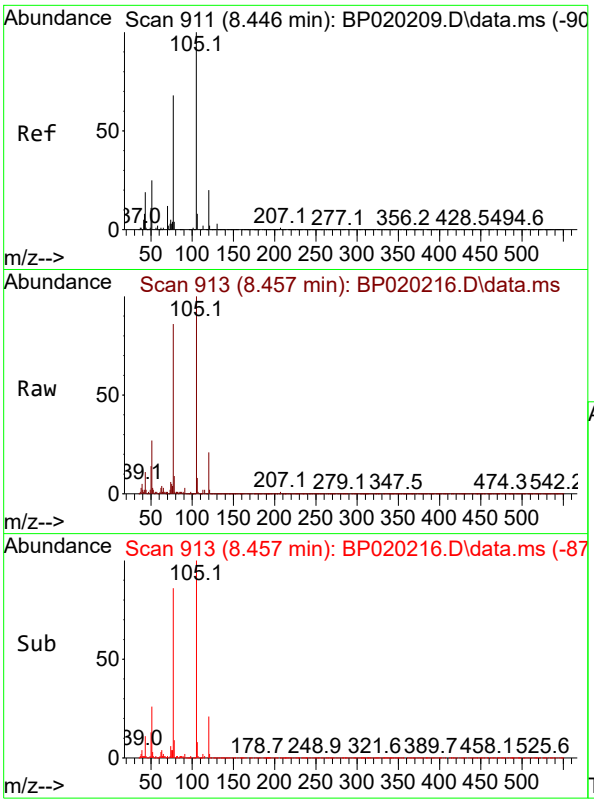
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050624\
Data File : BP020216.D
Acq On : 06 May 2024 21:47
Operator : MA/JU
Sample : P2368-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43L1

Quant Time: May 06 22:46:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 06 12:26:12 2024
Response via : Initial Calibration



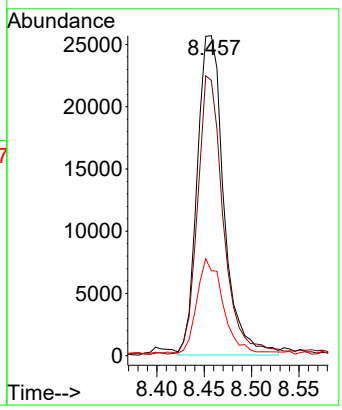


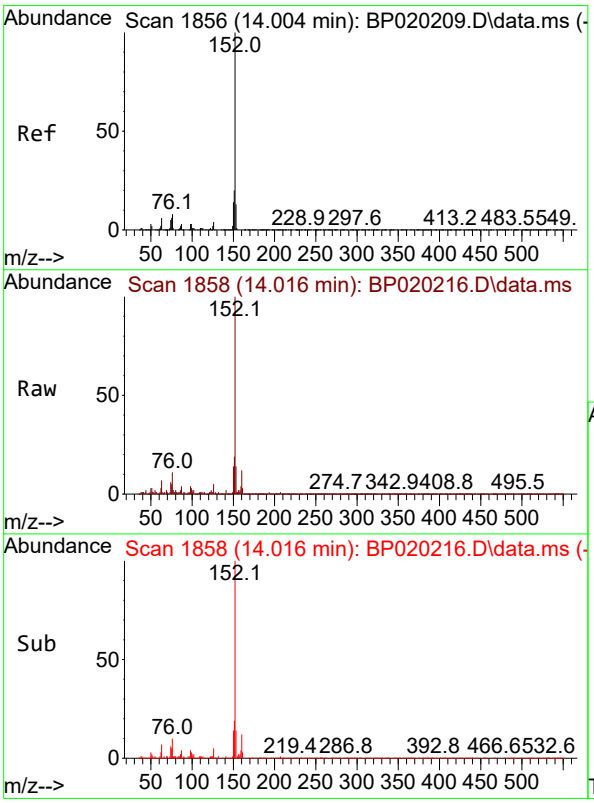
#16
Acetophenone
Concen: 4.439 ng/ul
RT: 8.457 min Scan# 91
Delta R.T. 0.029 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Instrument :
BNA_P
ClientSampleId :
A43L1

Tgt Ion:105 Resp: 50195

Ion	Ratio	Lower	Upper
105	100		
77	86.1	66.4	99.6
51	26.6	23.9	35.9

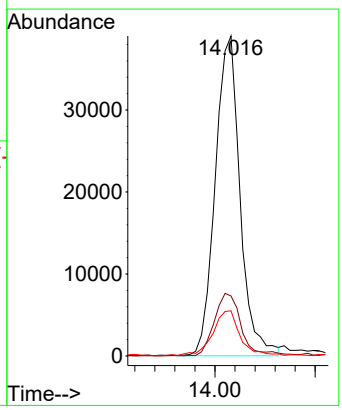


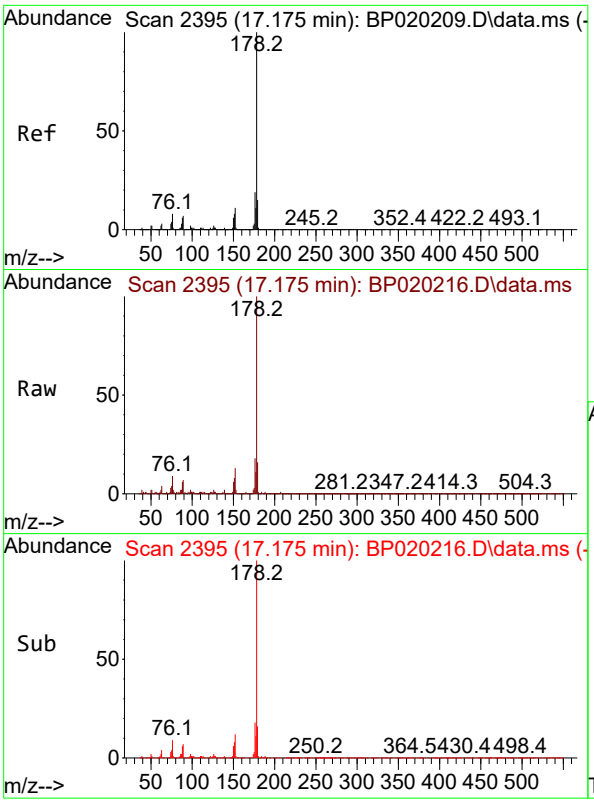


#50
Acenaphthylene
Concen: 2.414 ng/ul
RT: 14.016 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Tgt Ion:152 Resp: 66872

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.5	24.7
153	14.1	10.3	15.5



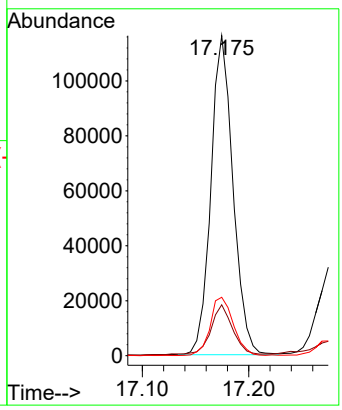


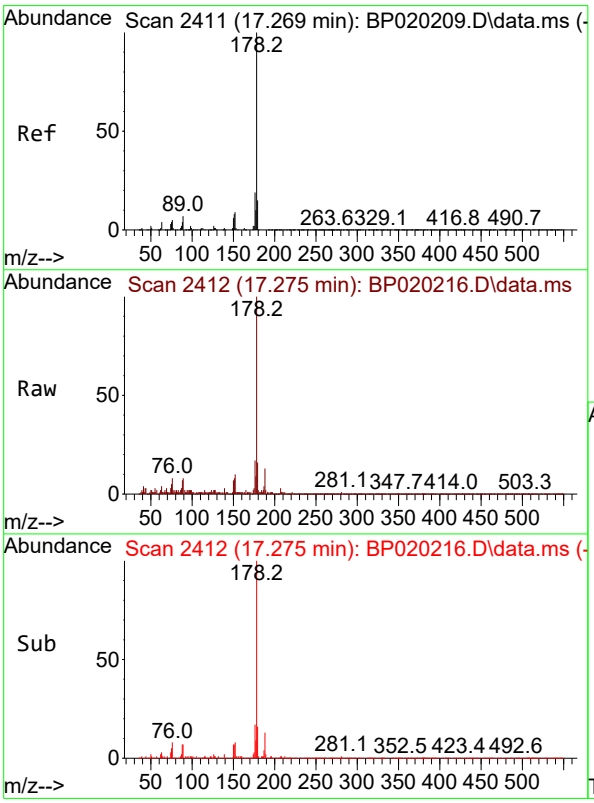
#72
Phenanthrene
Concen: 4.774 ng/ul
RT: 17.175 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Instrument :
BNA_P
ClientSampleId :
A43L1

Tgt Ion:178 Resp: 167598

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	18.3	15.2	22.8

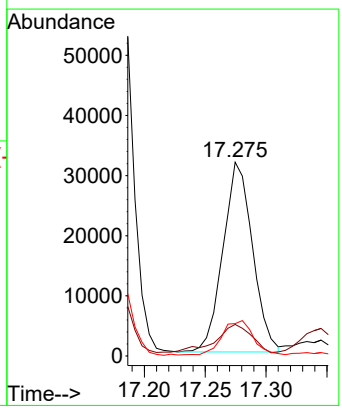


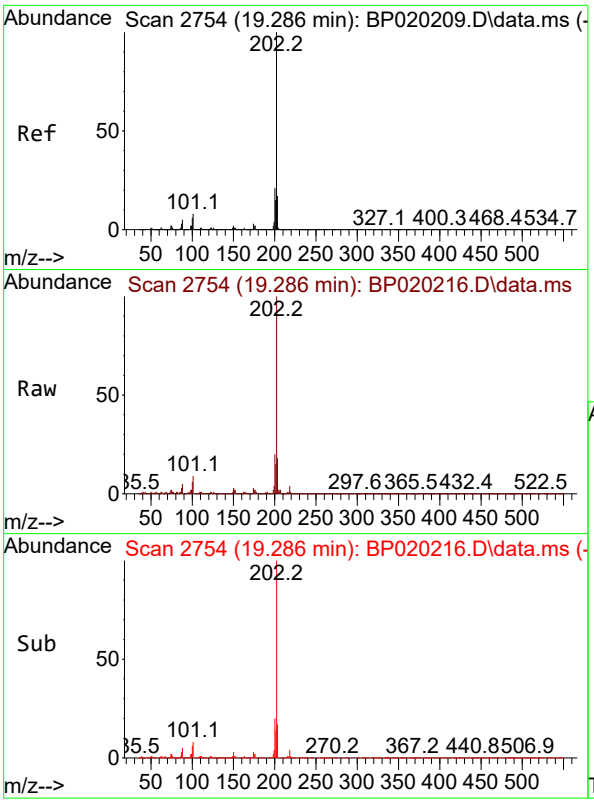


#74
Anthracene
Concen: 1.492 ng/ul
RT: 17.275 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Tgt Ion:178 Resp: 53290

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.0	18.0
176	16.7	14.8	22.2



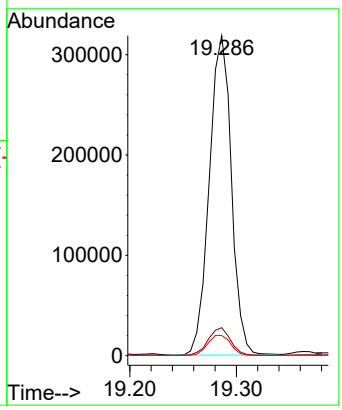


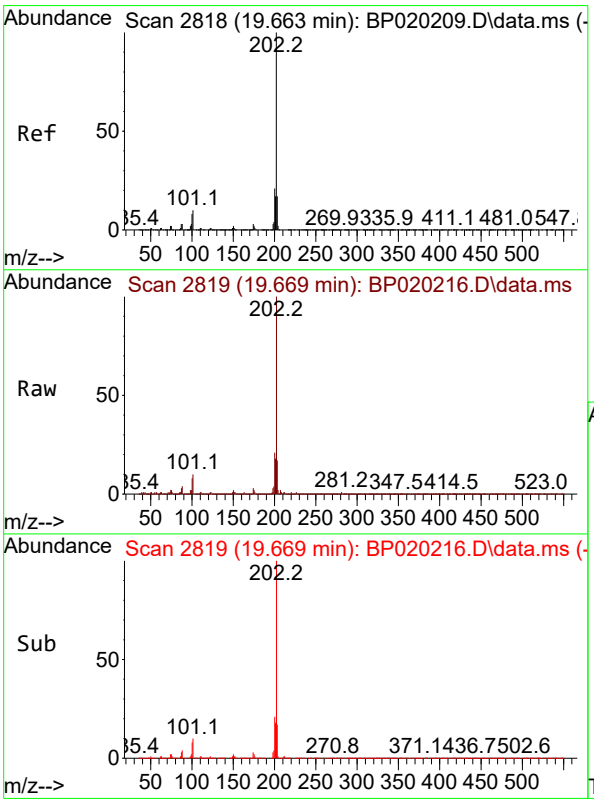
#80
Fluoranthene
Concen: 10.283 ng/ul
RT: 19.286 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Instrument :
BNA_P
ClientSampleId :
A43L1

Tgt Ion:202 Resp: 458535

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
100	6.3	5.5	8.3

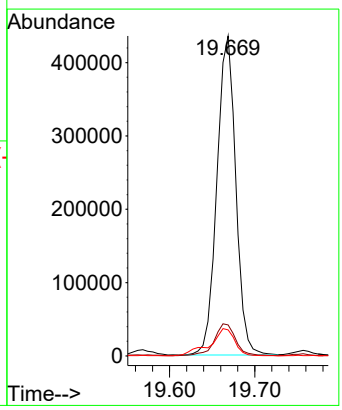


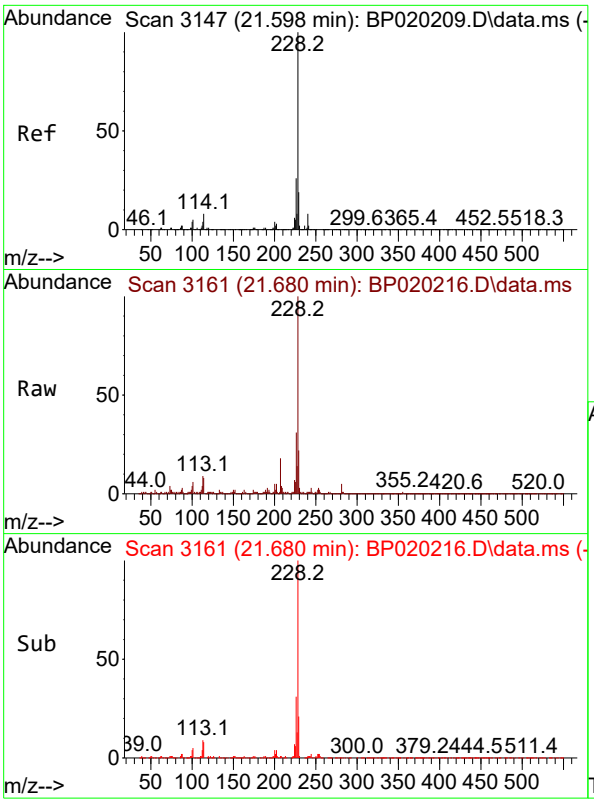


#82
Pyrene
Concen: 14.472 ng/ul
RT: 19.669 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Tgt Ion:202 Resp: 671435

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.1	12.1
100	8.2	6.8	10.2



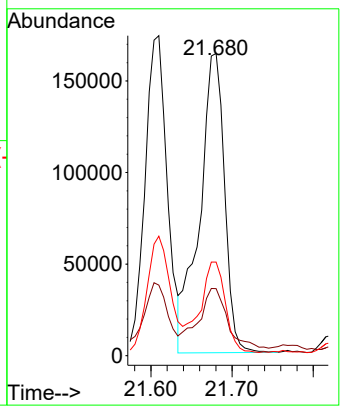


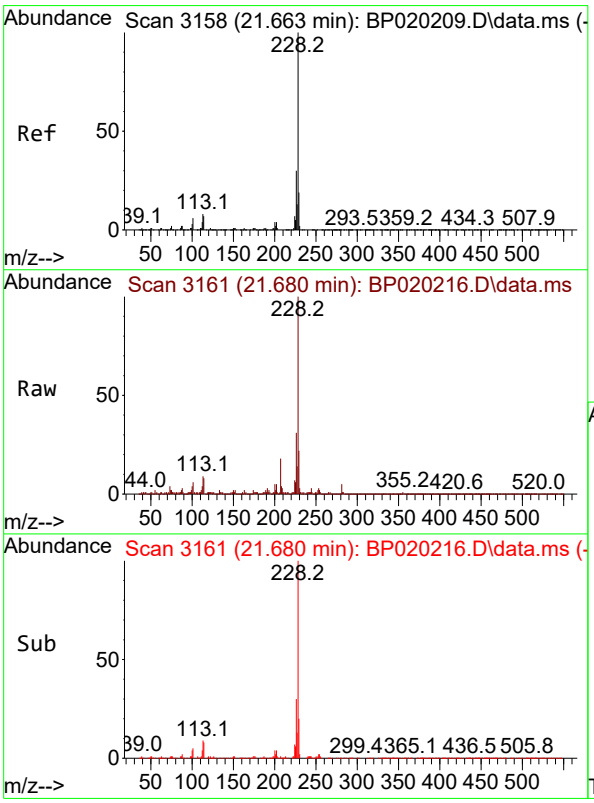
#85
Benzo(a)anthracene
Concen: 7.946 ng/ul
RT: 21.680 min Scan# 3
Delta R.T. 0.065 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Instrument :
BNA_P
ClientSampleId :
A43L1

Tgt Ion:228 Resp: 349335

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.8	23.8
226	31.0	21.5	32.3

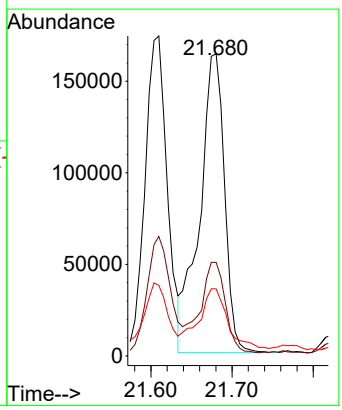


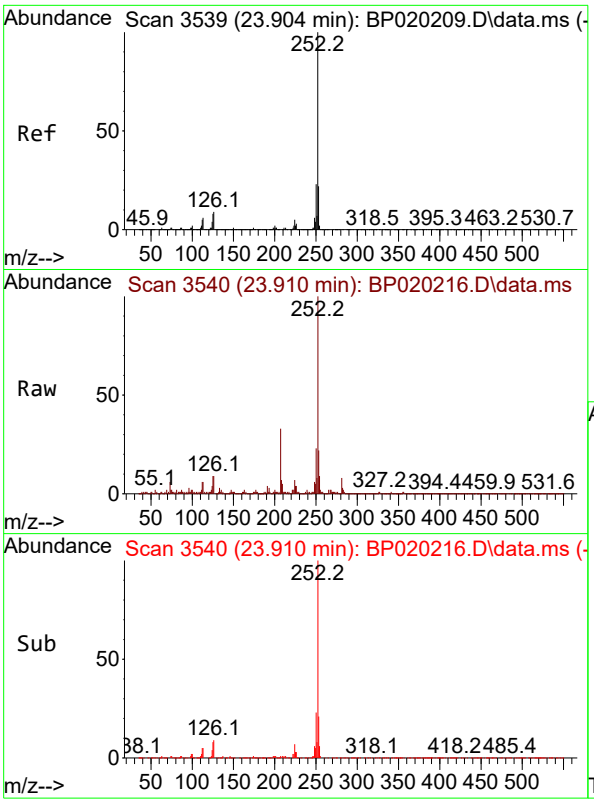


#87
Chrysene
Concen: 8.544 ng/ul
RT: 21.680 min Scan# 3161
Delta R.T. -0.000 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Tgt Ion:228 Resp: 348142

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	22.2	15.9	23.9



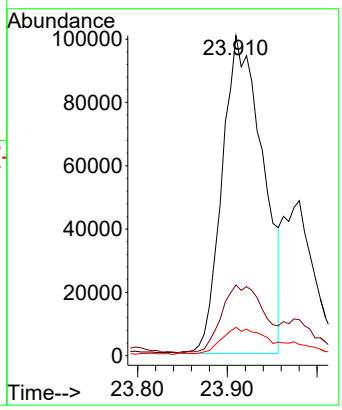


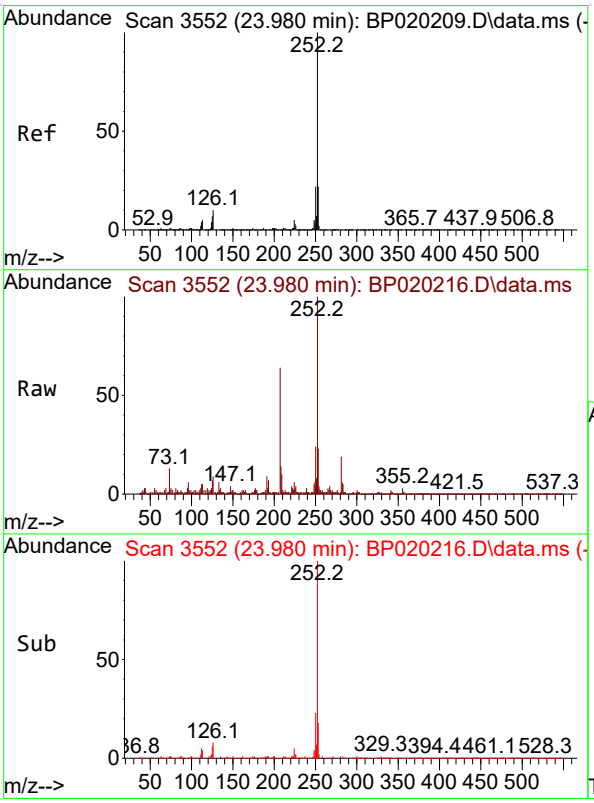
#90
Benzo(b)fluoranthene
Concen: 8.715 ng/ul
RT: 23.910 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Instrument :
BNA_P
ClientSampleId :
A43L1

Tgt Ion:252 Resp: 316832

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	8.8	6.2	9.2

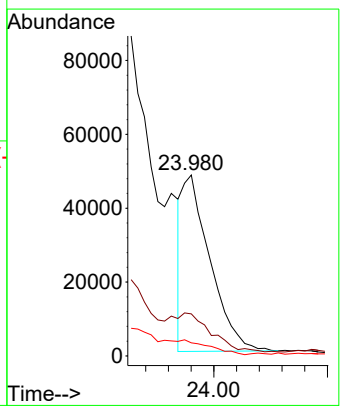


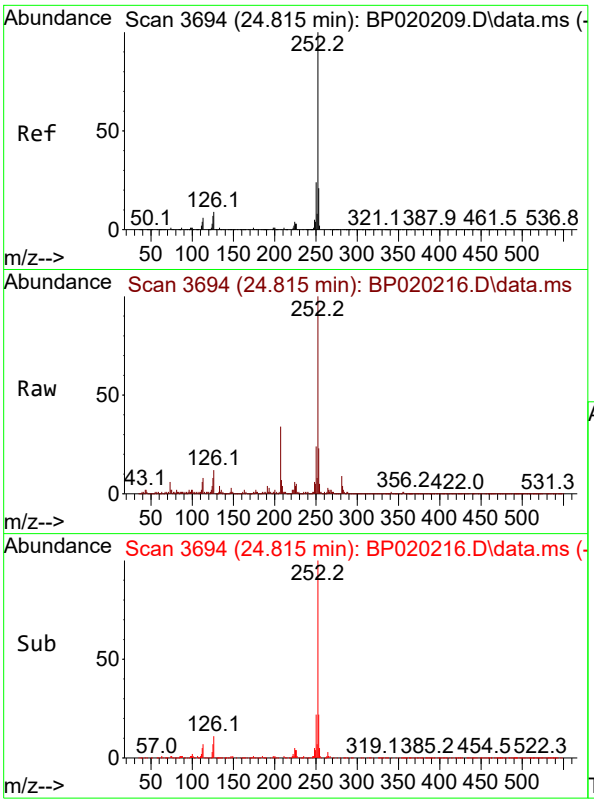


#91
Benzo(k)fluoranthene
Concen: 2.179 ng/ul
RT: 23.980 min Scan# 3552
Delta R.T. -0.018 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Tgt Ion:252 Resp: 80725

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	7.3	5.6	8.4



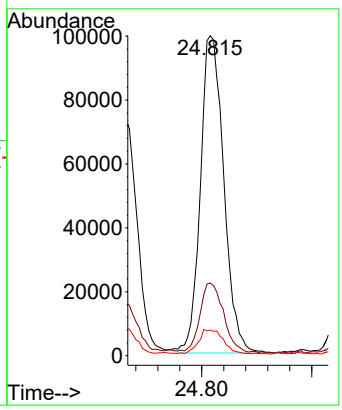


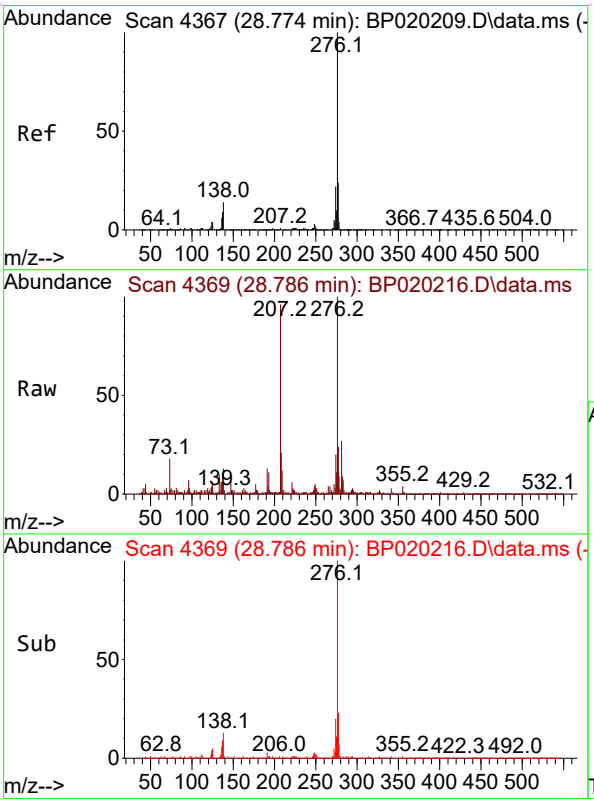
#93
Benzo(a)pyrene
Concen: 8.472 ng/ul
RT: 24.815 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Instrument :
BNA_P
ClientSampleId :
A43L1

Tgt Ion:252 Resp: 293076

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	8.0	6.6	10.0

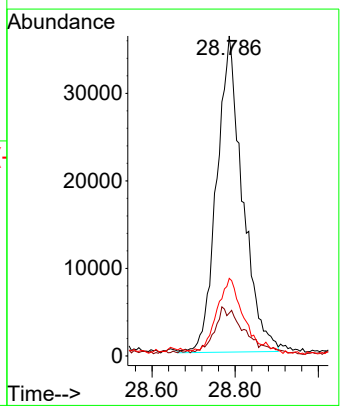


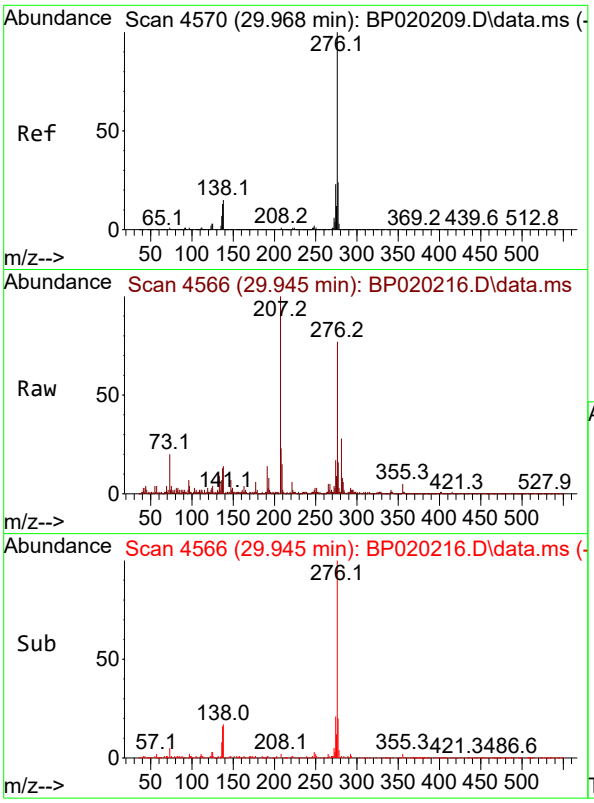


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.664 ng/ul
RT: 28.786 min Scan# 4369
Delta R.T. -0.018 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Tgt Ion:276 Resp: 155385

Ion	Ratio	Lower	Upper
276	100		
138	13.4	12.3	18.5
277	24.3	19.0	28.4





#96
Benzo(g,h,i)perylene
Concen: 1.589 ng/ul
RT: 29.945 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP020216.D
Acq: 06 May 2024 21:47

Instrument :
BNA_P
ClientSampleId :
A43L1

Tgt Ion:276 Resp: 54357

Ion	Ratio	Lower	Upper
276	100		
138	17.7	11.6	17.4#
277	20.7	19.4	29.0