Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020330.D
Acq On : 11 May 2024 20:49
Operator : MA/JU
Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S9

Quant Time: May 12 23:15:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	76996	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	319327	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.287	164	224833	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.122	188	523398	20.000	ng/ul	-0.02
79) Chrysene-d12	21.616	240	552402	20.000	ng/ul	-0.02
88) Perylene-d12	24.974	264	634317	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	8792	4.823	ng/uL	0.00
4) Pyridine-d5	3.617	84	120094	22.671	ng/ul	0.00
7) Phenol-d5	6.805	99	172586	26.101	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	101885	25.365	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	132832	28.101	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	137628	25.745	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	66880	27.969	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	78883	28.807	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	140977	28.212	ng/ul	0.01
31) 4-Chloroaniline-d4	10.557	131	172129	24.612	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	504239	30.711	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	551916	30.430	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	56749	22.489	ng/ul	0.03
60) Fluorene-d10	15.310	176	441305	32.225	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.475	200	63813	19.213	ng/ul	0.00
73) Anthracene-d10	17.228	188	716050	31.624	ng/ul	-0.02
81) Pyrene-d10	19.622	212	919870	28.487	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	978803	31.914	ng/ul	-0.03
Target Compounds						Qvalue
72) Phenanthrene	17.169	178	104793	3.924	ng/ul	98
80) Fluoranthene	19.275	202	252918	6.656	ng/ul#	96
82) Pyrene	19.651	202	345498	8.738	ng/ul	99
85) Benzo(a)anthracene	21.663	228	113660	3.034	ng/ul	95
87) Chrysene	21.663	228	113688	3.274	ng/ul	99
90) Benzo(b)fluoranthene	23.921	252	139435	3.695	ng/ul	98
91) Benzo(k)fluoranthene	23.921	252	139435	3.626	ng/ul	97
93) Benzo(a)pyrene	24.821	252	133887	3.729	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.804	276	93692	2.129	ng/ul	99
96) Benzo(g,h,i)perylene	29.980	276	117398	3.307	ng/ul	95

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

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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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Quant Time: May 12 23:15:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
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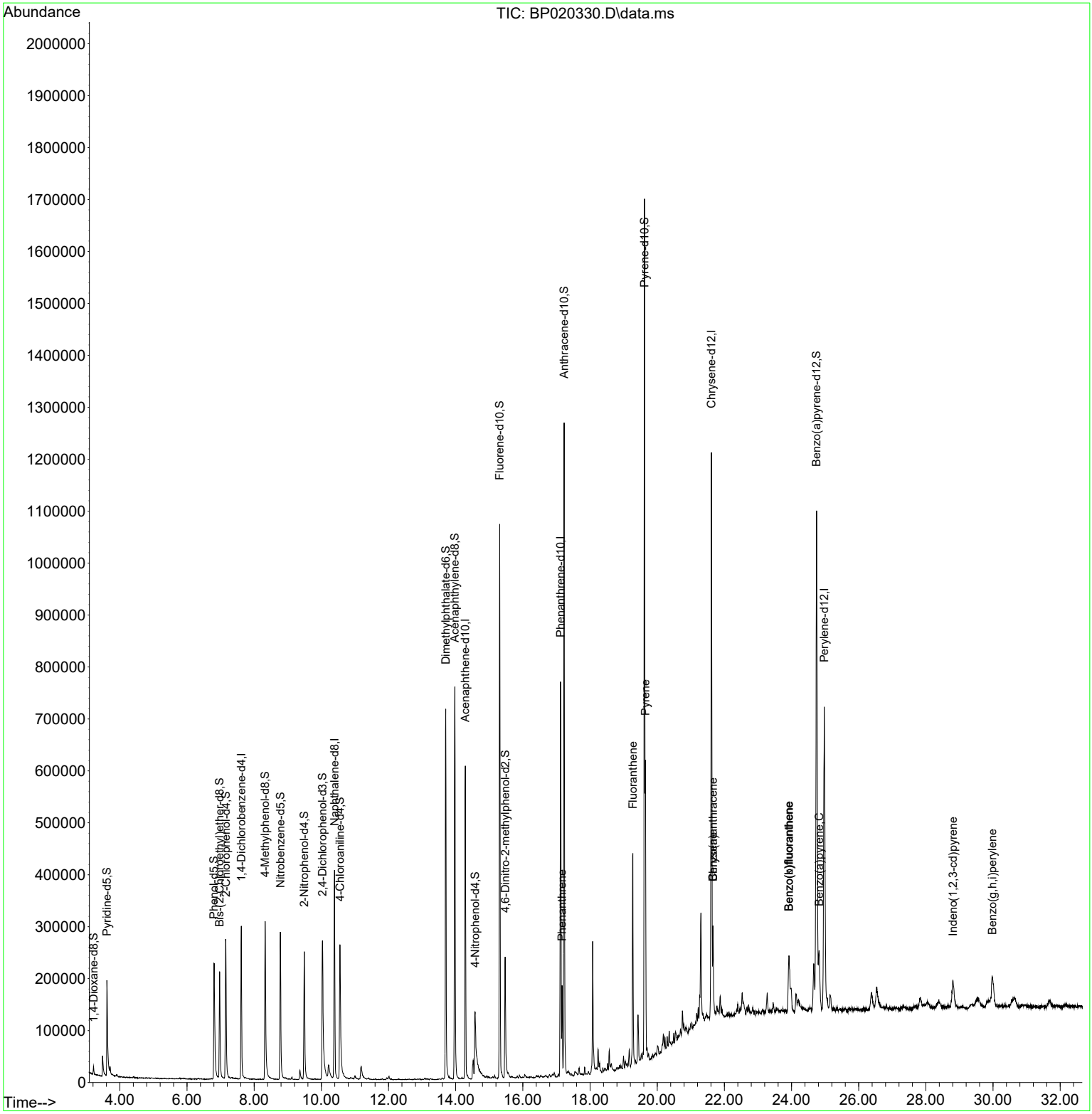
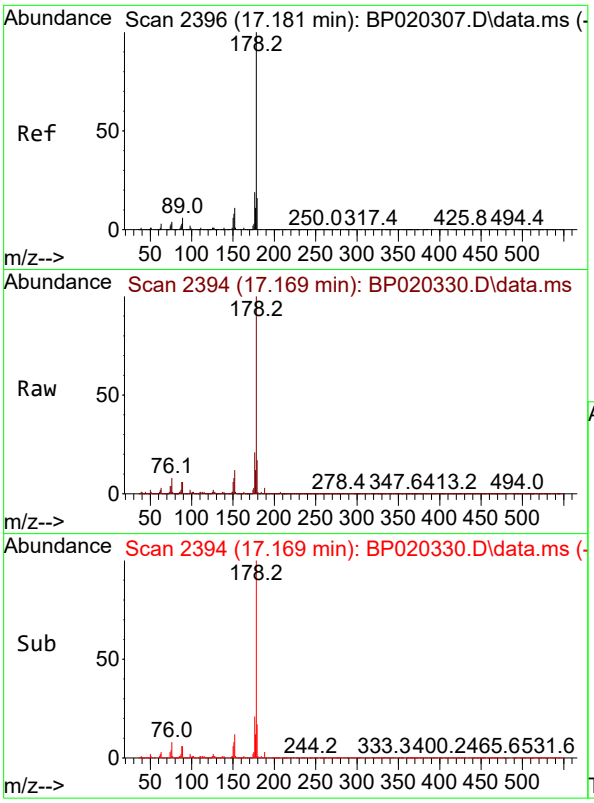


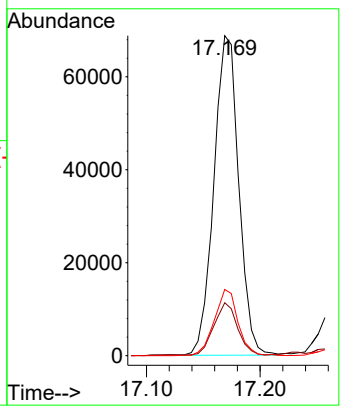


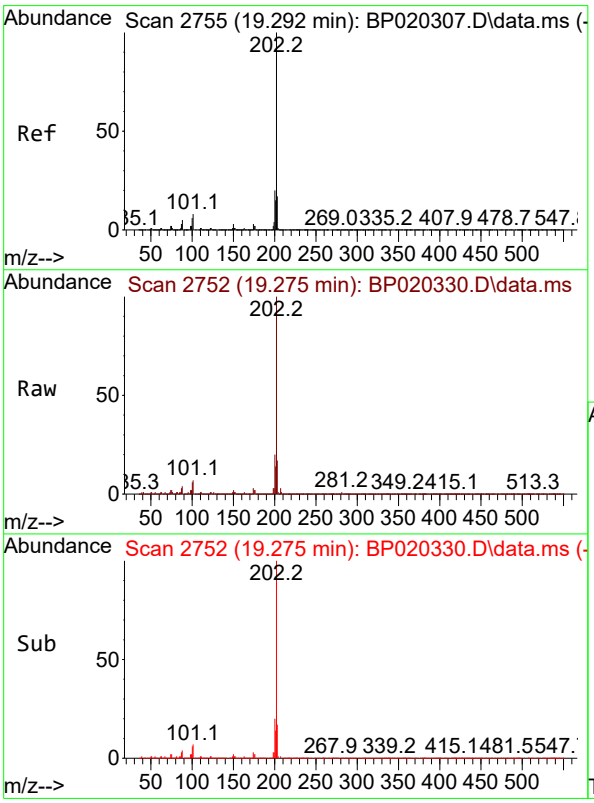
#72
Phenanthrene
Concen: 3.924 ng/ul
RT: 17.169 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP020330.D
Acq: 11 May 2024 20:49

Instrument :
BNA_P
ClientSampleId :
A43S9

Tgt Ion:178 Resp: 104793

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	20.7	15.2	22.8

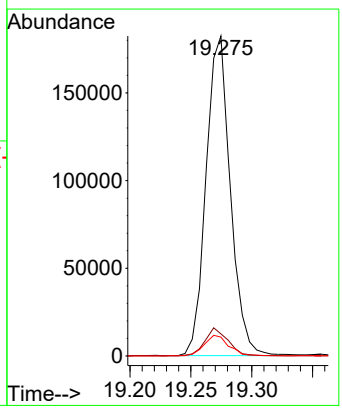


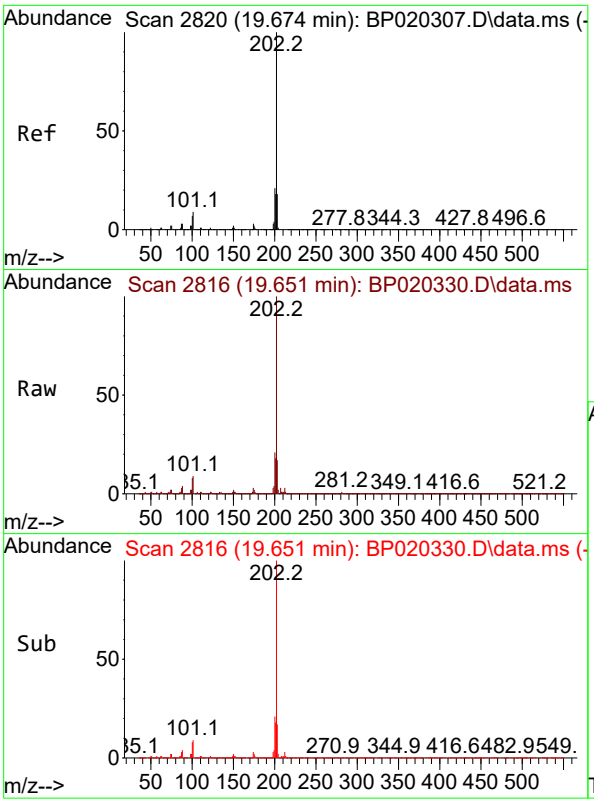


#80
Fluoranthene
Concen: 6.656 ng/ul
RT: 19.275 min Scan# 2752
Delta R.T. -0.018 min
Lab File: BP020330.D
Acq: 11 May 2024 20:49

Tgt Ion:202 Resp: 252918

Ion	Ratio	Lower	Upper
202	100		
101	6.9	7.0	10.4#
100	5.9	5.5	8.3



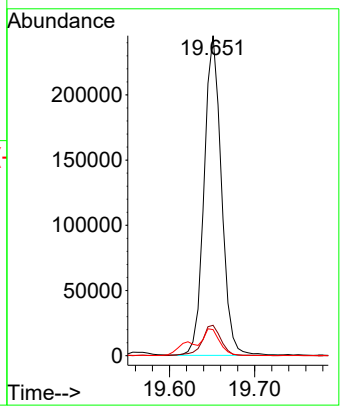


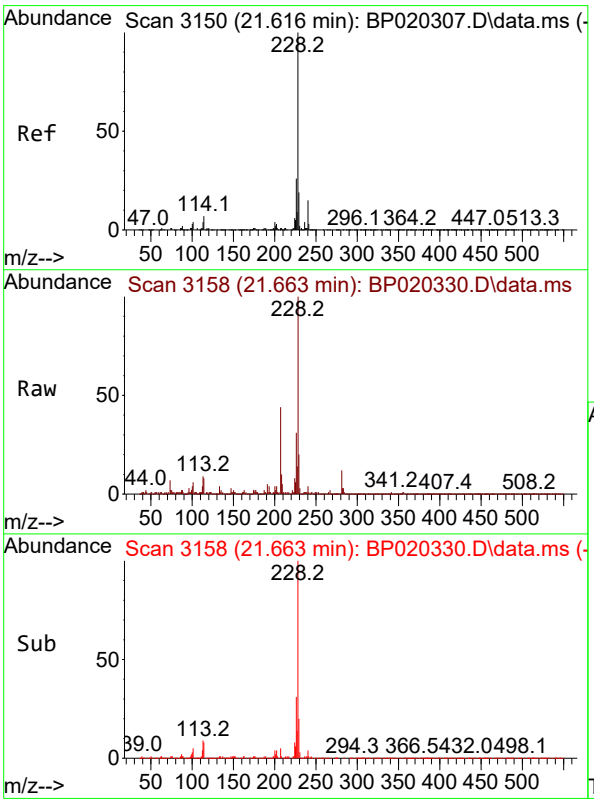
#82
Pyrene
Concen: 8.738 ng/ul
RT: 19.651 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP020330.D
Acq: 11 May 2024 20:49

Instrument :
BNA_P
ClientSampleId :
A43S9

Tgt Ion:202 Resp: 345498

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.1	12.1
100	8.1	6.8	10.2

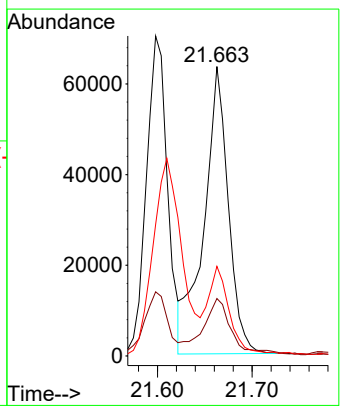


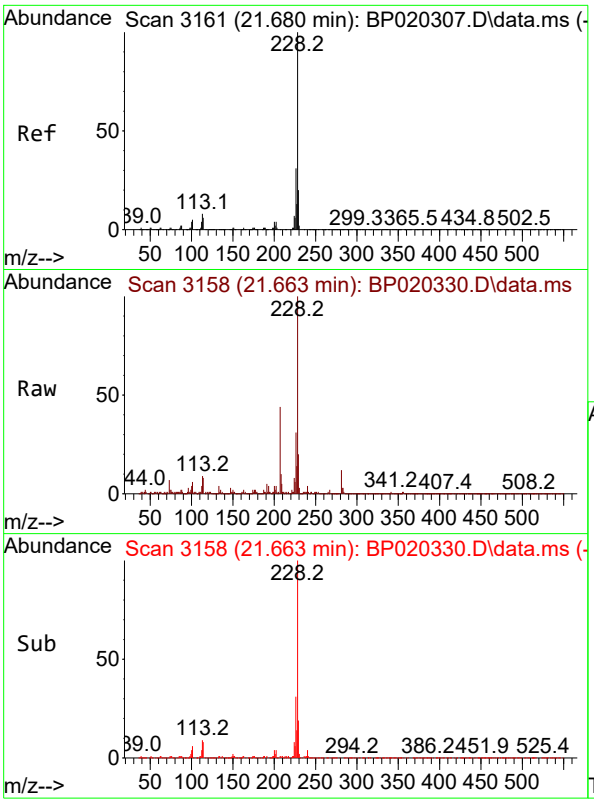


#85
Benzo(a)anthracene
Concen: 3.034 ng/ul
RT: 21.663 min Scan# 3158
Delta R.T. 0.047 min
Lab File: BP020330.D
Acq: 11 May 2024 20:49

Tgt Ion:228 Resp: 113660

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	31.0	21.5	32.3



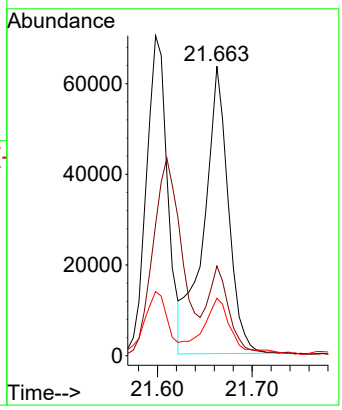


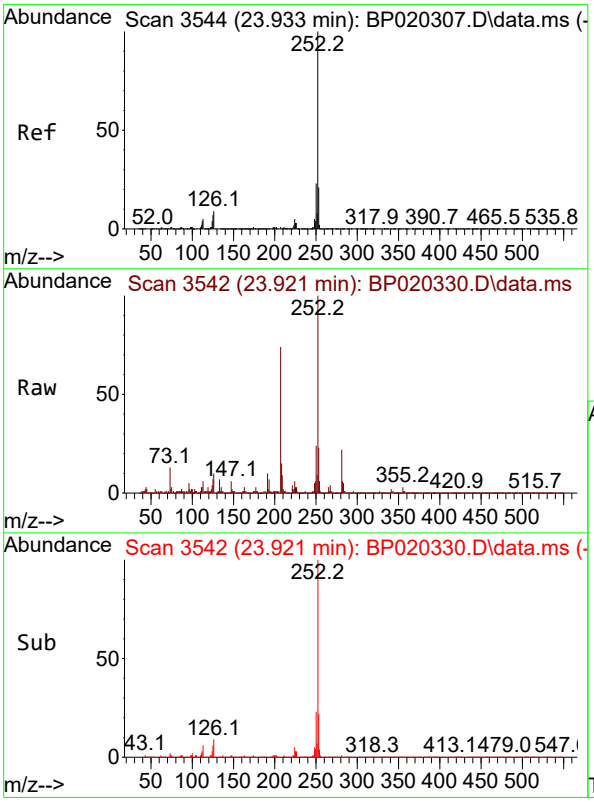
#87
Chrysene
Concen: 3.274 ng/ul
RT: 21.663 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP020330.D
Acq: 11 May 2024 20:49

Instrument :
BNA_P
ClientSampleId :
A43S9

Tgt Ion:228 Resp: 113688

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	19.9	15.9	23.9

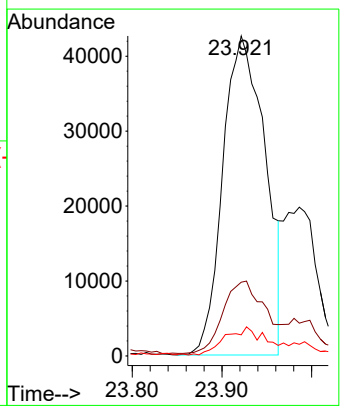


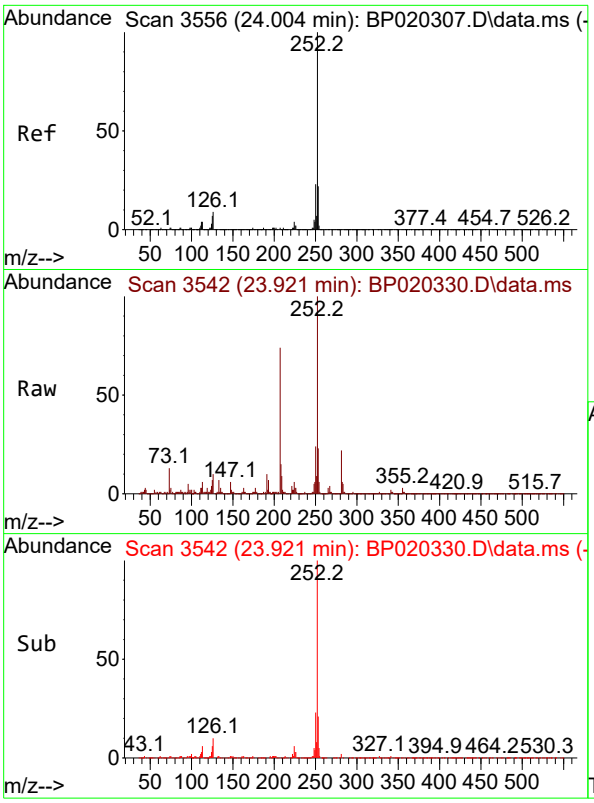


#90
Benzo(b)fluoranthene
Concen: 3.695 ng/ul
RT: 23.921 min Scan# 3542
Delta R.T. -0.018 min
Lab File: BP020330.D
Acq: 11 May 2024 20:49

Tgt Ion:252 Resp: 139435

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	6.6	6.2	9.2



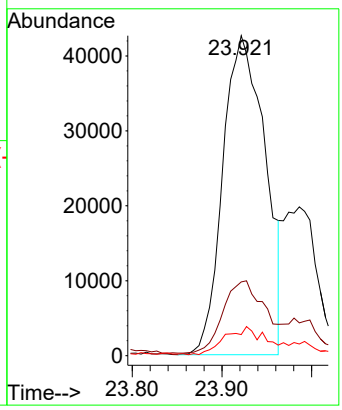


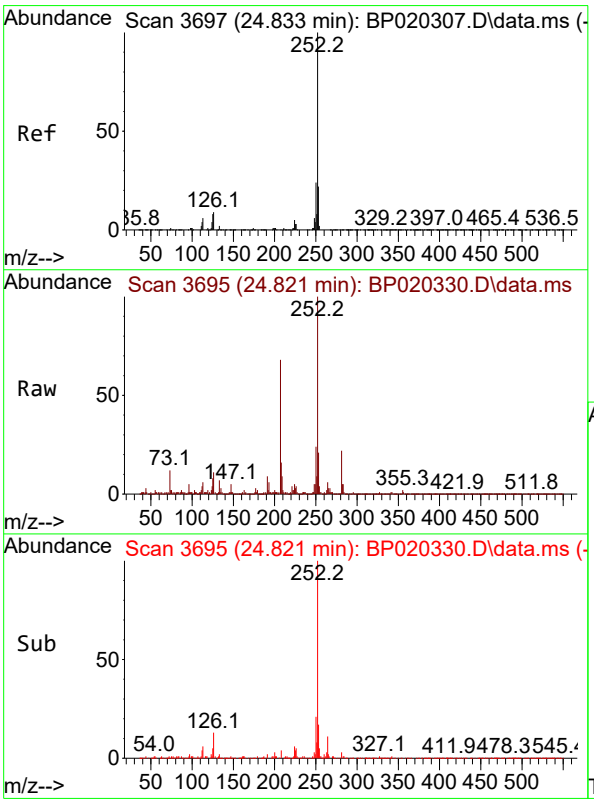
#91
Benzo(k)fluoranthene
Concen: 3.626 ng/ul
RT: 23.921 min Scan# 3
Delta R.T. -0.088 min
Lab File: BP020330.D
Acq: 11 May 2024 20:49

Instrument :
BNA_P
ClientSampleId :
A43S9

Tgt Ion:252 Resp: 139435

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	6.6	5.6	8.4

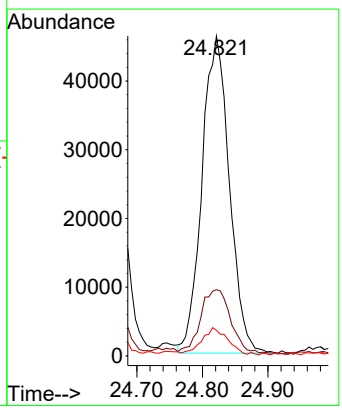


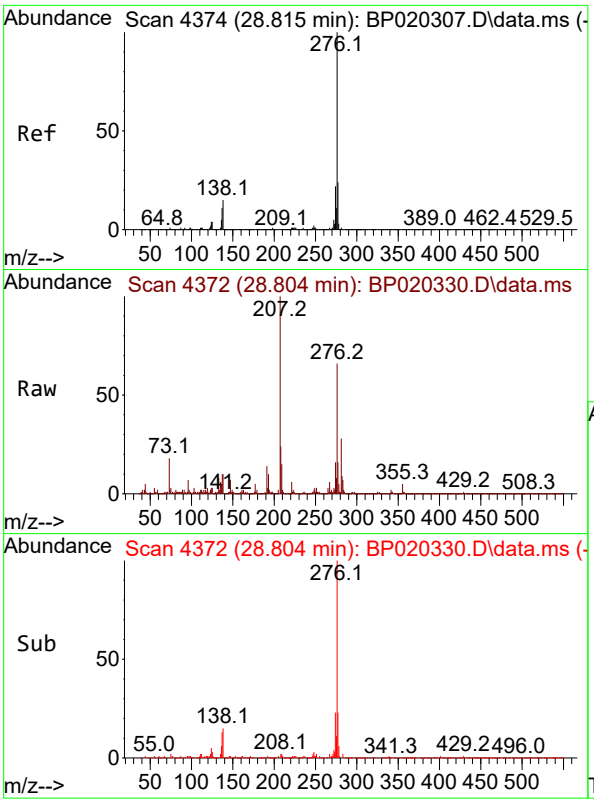


#93
Benzo(a)pyrene
Concen: 3.729 ng/ul
RT: 24.821 min Scan# 3695
Delta R.T. -0.024 min
Lab File: BP020330.D
Acq: 11 May 2024 20:49

Tgt Ion:252 Resp: 133887

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.0
125	8.0	6.6	10.0



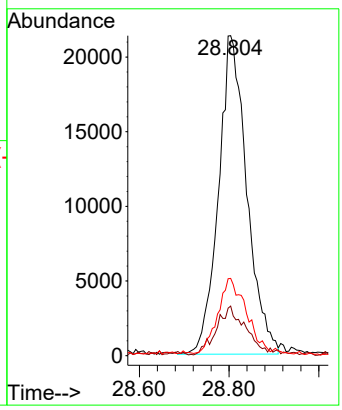


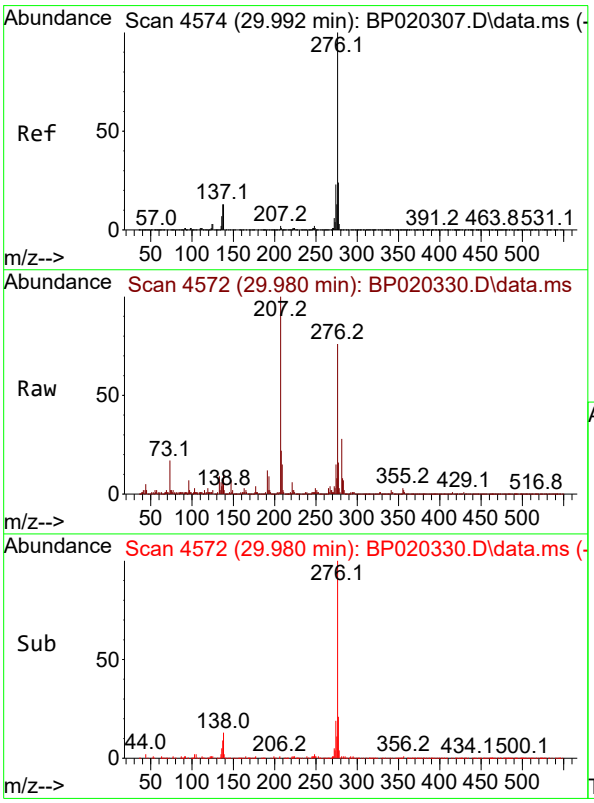
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.129 ng/ul
RT: 28.804 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP020330.D
Acq: 11 May 2024 20:49

Instrument :
BNA_P
ClientSampleId :
A43S9

Tgt Ion:276 Resp: 93692

Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.3	18.5
277	24.2	19.0	28.4





#96
Benzo(g,h,i)perylene
Concen: 3.307 ng/ul
RT: 29.980 min Scan# 4572
Delta R.T. -0.029 min
Lab File: BP020330.D
Acq: 11 May 2024 20:49

Tgt Ion:276 Resp: 117398

Ion	Ratio	Lower	Upper
276	100		
138	13.3	11.6	17.4
277	21.5	19.4	29.0