Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014972.D
Acq On : 05 May 2023 02:08
Operator : CG/JU
Sample : 02479-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW950

Quant Time: May 05 04:15:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 11:40:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	297206	20.000	ng/ul	0.00
20) Naphthalene-d8	11.005	136	1073503	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	540035	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.569	188	1088430	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1099238	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1318910	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	18814	2.354	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.317	99	284322	11.034	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.481	67	184517	11.586	ng/ul	0.00
11) 2-Chlorophenol-d4	7.693	132	234737	12.389	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	180617	9.096	ng/ul	0.00
21) Nitrobenzene-d5	9.346	128	102880	13.475	ng/ul	0.00
24) 2-Nitrophenol-d4	10.075	143	107724	13.741	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	179339	11.650	ng/ul	0.00
31) 4-Chloroaniline-d4	11.134	131	204780	9.197	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	492107	12.875	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	598924	13.066	ng/ul	0.00
54) 4-Nitrophenol-d4	14.999	143	21417	3.221	ng/ul	0.01
60) Fluorene-d10	15.804	176	420279	12.781	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	11427	1.865	ng/ul	0.01
73) Anthracene-d10	17.669	188	654429	13.382	ng/ul	0.00
81) Pyrene-d10	19.886	212	814675	10.989	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	883094	13.742	ng/ul	0.01
Target Compounds						Qvalue
72) Phenanthrene	17.610	178	188825	3.140	ng/ul	100
80) Fluoranthene	19.563	202	321113	3.530	ng/ul	96
82) Pyrene	19.916	202	286414	2.972	ng/ul	96
85) Benzo(a)anthracene	21.633	228	153516	2.092	ng/ul	96
87) Chrysene	21.686	228	145072	1.964	ng/ul	96
90) Benzo(b)fluoranthene	23.445	252	197894	2.322	ng/ul#	89
93) Benzo(a)pyrene	24.133	252	145564	1.947	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.998	276	103676	1.137	ng/ul	96
96) Benzo(g,h,i)perylene	27.863	276	105936	1.365	ng/ul	93

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

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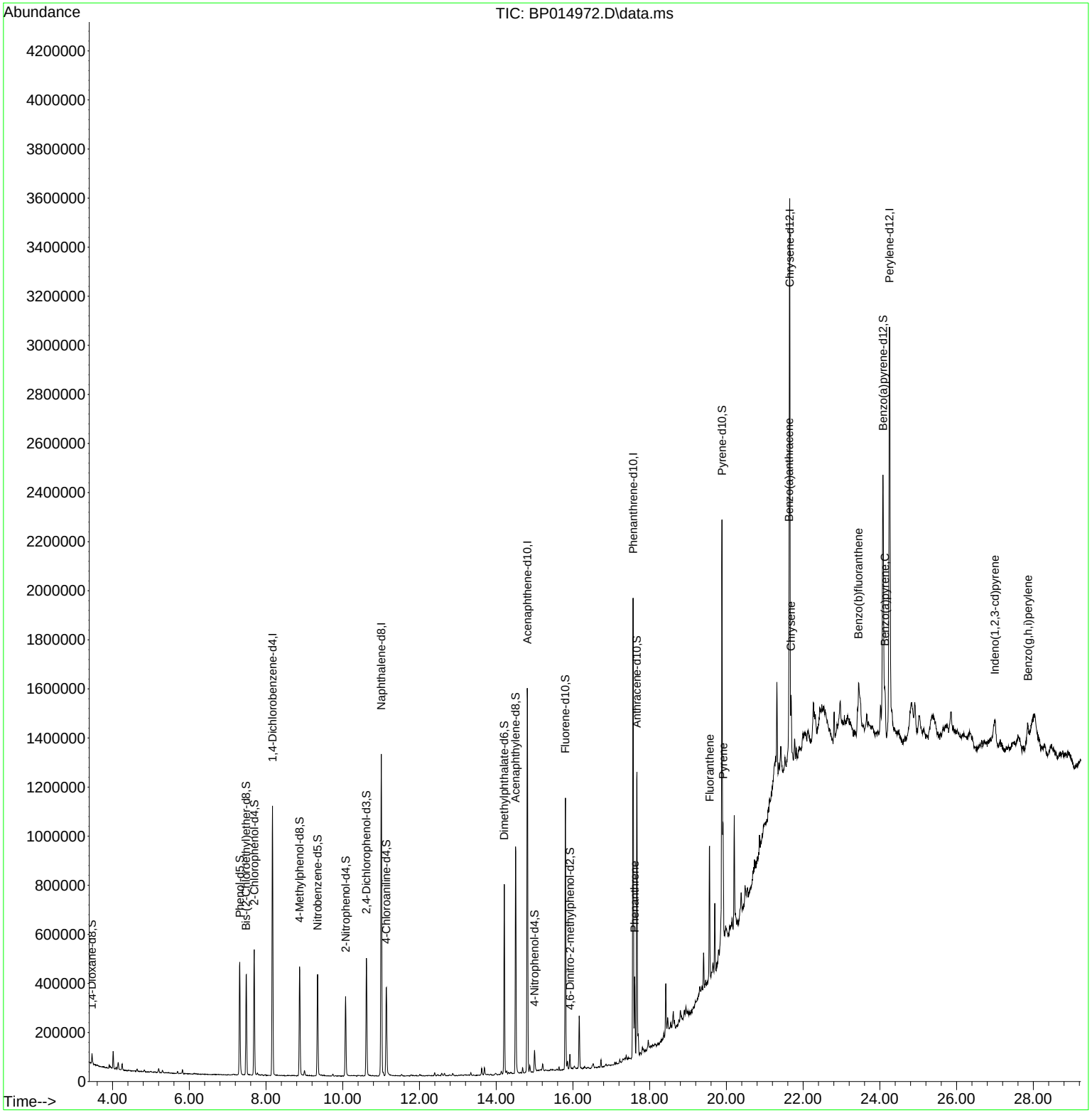
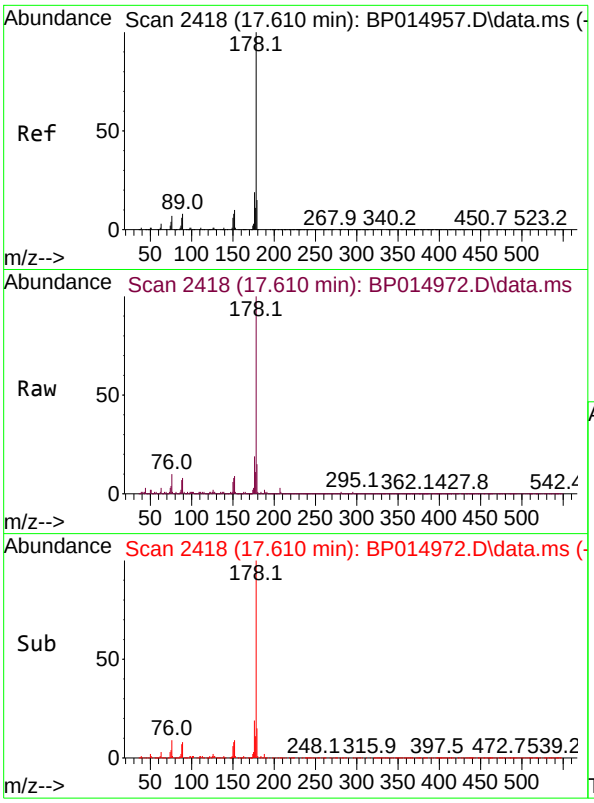


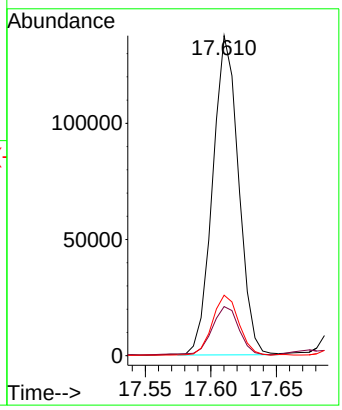


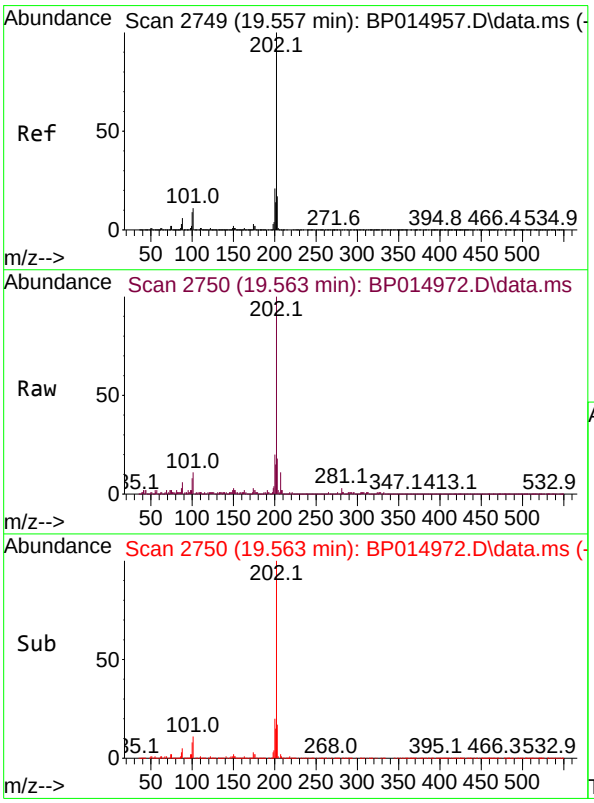
#72
Phenanthrene
Concen: 3.140 ng/ul
RT: 17.610 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP014972.D
Acq: 05 May 2023 02:08

Instrument :
BNA_P
ClientSampleId :
EW950

Tgt Ion:178 Resp: 188825

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.9	15.4	23.0

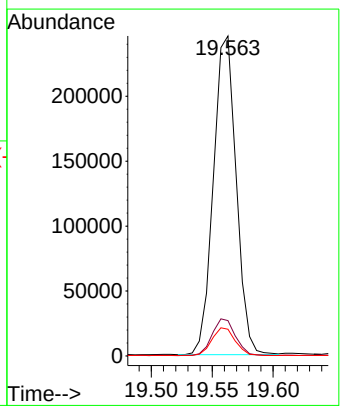


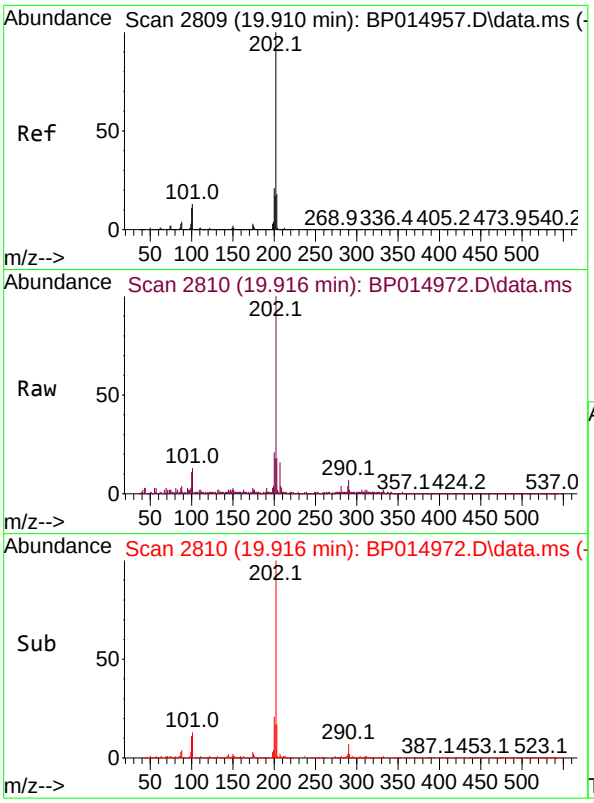


#80
Fluoranthene
Concen: 3.530 ng/ul
RT: 19.563 min Scan# 2750
Delta R.T. 0.006 min
Lab File: BP014972.D
Acq: 05 May 2023 02:08

Tgt Ion:202 Resp: 321113

Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.1	15.1
100	8.3	7.7	11.5



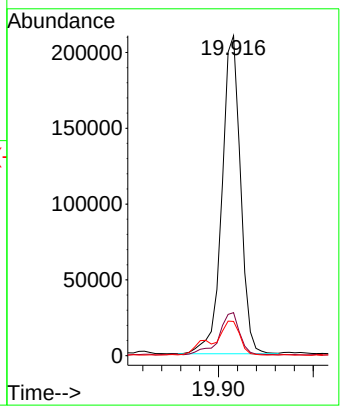


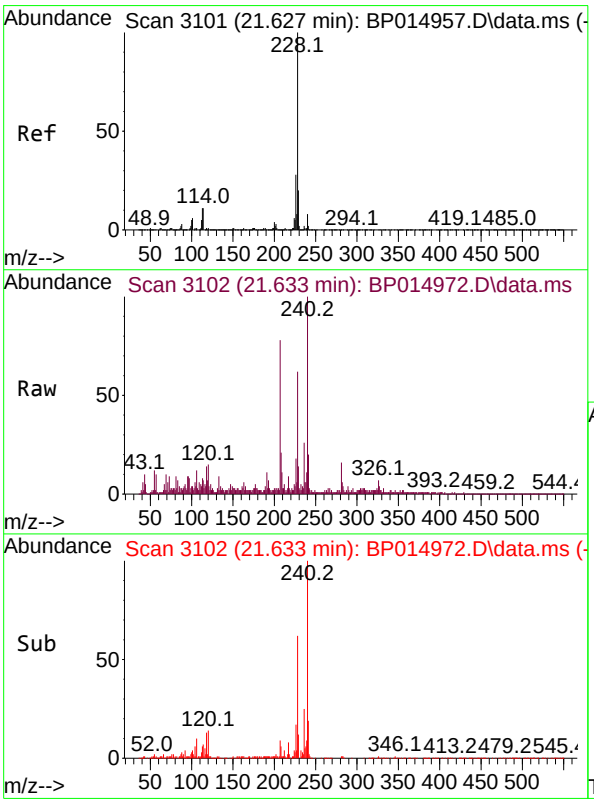
#82
Pyrene
Concen: 2.972 ng/ul
RT: 19.916 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP014972.D
Acq: 05 May 2023 02:08

Instrument :
BNA_P
ClientSampleId :
EW950

Tgt Ion:202 Resp: 286414

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.9	17.9
100	10.7	9.7	14.5

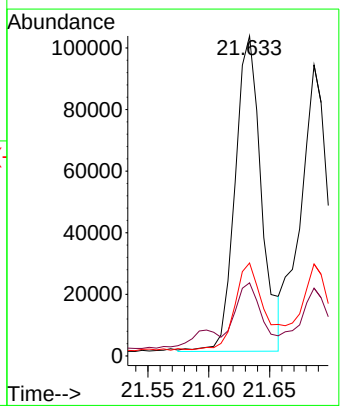


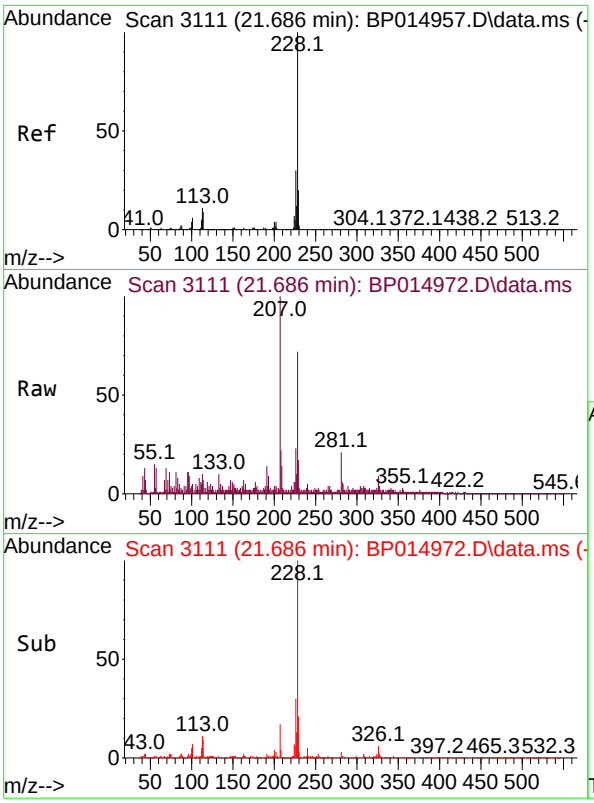


#85
Benzo(a)anthracene
Concen: 2.092 ng/ul
RT: 21.633 min Scan# 3102
Delta R.T. 0.006 min
Lab File: BP014972.D
Acq: 05 May 2023 02:08

Tgt Ion:228 Resp: 153516

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.9	23.9
226	29.1	22.1	33.1



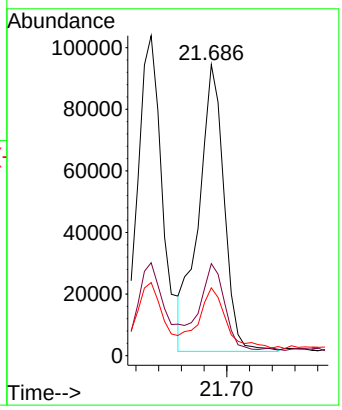


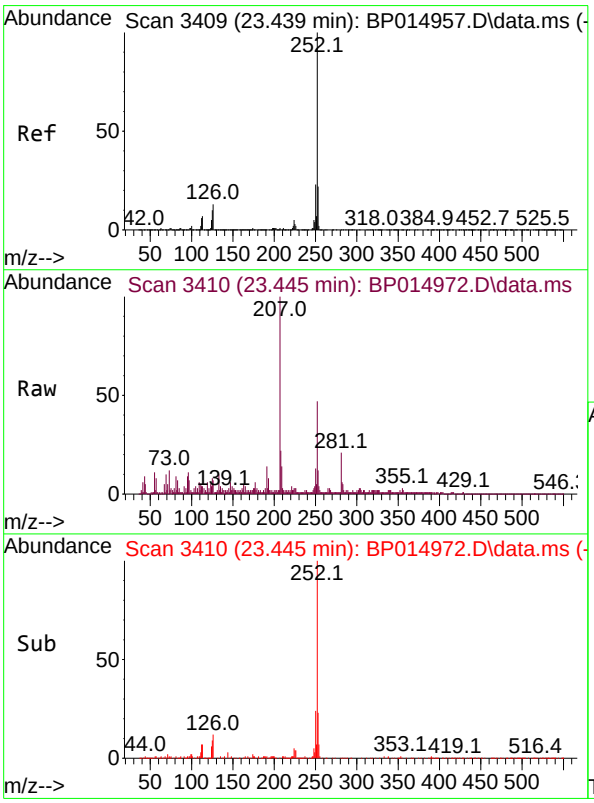
#87
Chrysene
Concen: 1.964 ng/ul
RT: 21.686 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP014972.D
Acq: 05 May 2023 02:08

Instrument :
BNA_P
ClientSampleId :
EW950

Tgt Ion:228 Resp: 145072

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.3	36.5
229	23.3	15.8	23.8

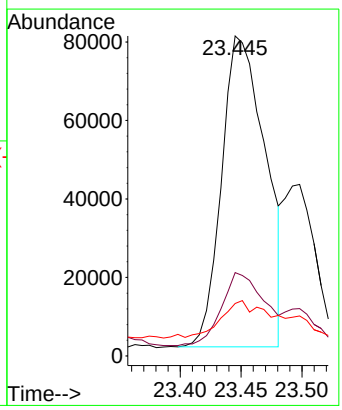


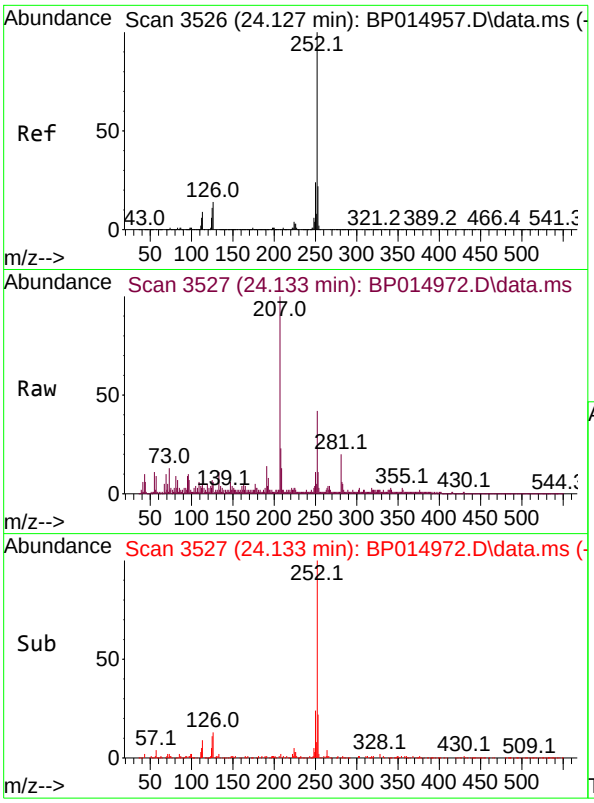


#90
Benzo(b)fluoranthene
Concen: 2.322 ng/ul
RT: 23.445 min Scan# 3410
Delta R.T. 0.006 min
Lab File: BP014972.D
Acq: 05 May 2023 02:08

Tgt Ion:252 Resp: 197894

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.4	26.2
125	16.4	8.4	12.6#



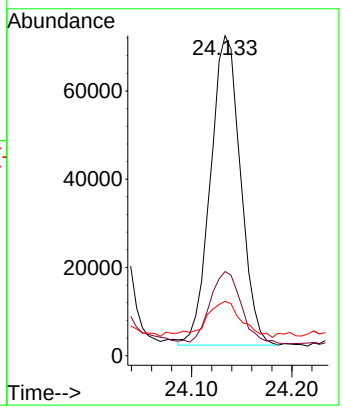


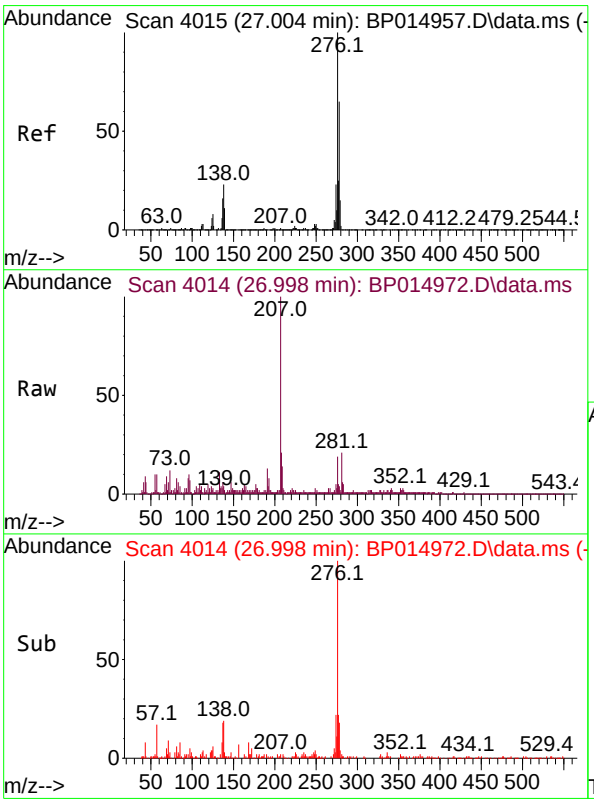
#93
Benzo(a)pyrene
Concen: 1.947 ng/ul
RT: 24.133 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP014972.D
Acq: 05 May 2023 02:08

Instrument :
BNA_P
ClientSampleId :
EW950

Tgt Ion:252 Resp: 145564

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.5	26.3#
125	17.0	9.4	14.2#

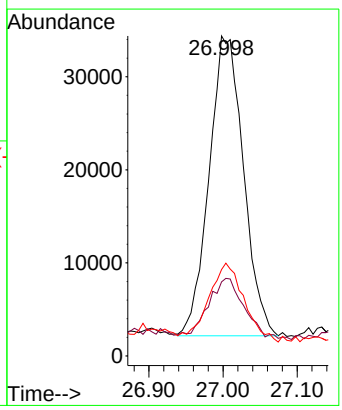


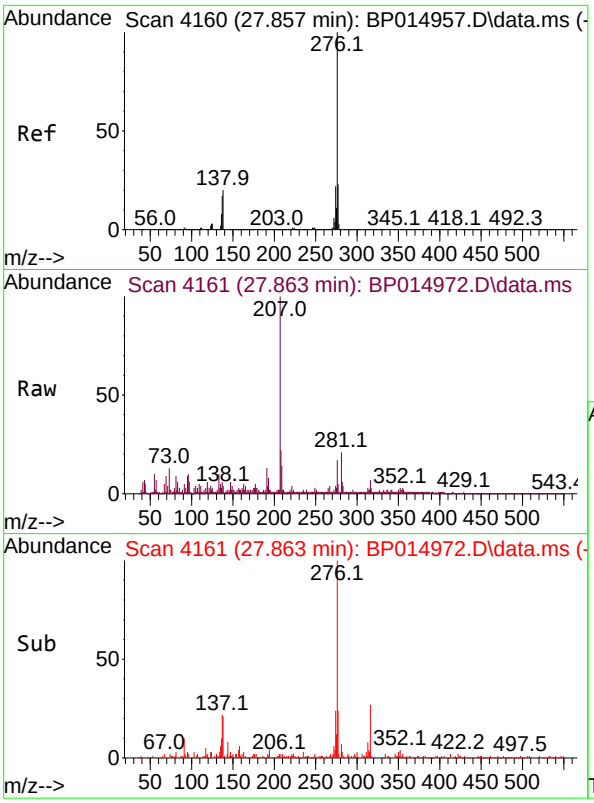


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.137 ng/ul
RT: 26.998 min Scan# 4014
Delta R.T. 0.000 min
Lab File: BP014972.D
Acq: 05 May 2023 02:08

Tgt Ion:276 Resp: 103676

Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.4	29.0
277	27.0	19.4	29.2





#96
Benzo(g,h,i)perylene
Concen: 1.365 ng/ul
RT: 27.863 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP014972.D
Acq: 05 May 2023 02:08

Instrument :
BNA_P
ClientSampleId :
EW950

Tgt Ion:276 Resp: 105936

Ion	Ratio	Lower	Upper
276	100		
138	26.1	18.0	27.0
277	28.1	19.8	29.8