Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014965.D
Acq On : 04 May 2023 22:14
Operator : CG/JU
Sample : 02447-22 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW940

Quant Time: May 05 00:20:54 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	8.164	152	366877	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	1398521	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.804	164	712672	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	1355983	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1322115	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1564475	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	2147	0.218	ng/uL	0.00
4) Pyridine-d5	3.899	84	481	0.018	ng/ul	0.00
7) Phenol-d5	7.311	99	32363	1.017	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	22080	1.123	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	27295	1.167	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	20802	0.849	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	10604	1.066	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	11299	1.106	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	21452	1.070	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	8353	0.288	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	65460	1.298	ng/ul	0.00
49) Acenaphthylene-d8	14.498	160	74880	1.238	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	2665	0.304	ng/ul	0.01
60) Fluorene-d10	15.798	176	55378	1.276	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.910	200	2160	0.283	ng/ul	0.00
73) Anthracene-d10	17.657	188	84698	1.390	ng/ul	0.00
81) Pyrene-d10	19.875	212	104501	1.172	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.069	264	106896	1.402	ng/ul	0.00
Target Compounds						Qvalue
61) Fluorene	15.851	166	53139	1.052	ng/ul	97
72) Phenanthrene	17.604	178	1013333	13.527	ng/ul	99
74) Anthracene	17.692	178	232863	3.122	ng/ul	99
77) Carbazole	17.957	167	74945	1.195	ng/ul	98
80) Fluoranthene	19.557	202	2042597	18.668	ng/ul	97
82) Pyrene	19.904	202	1774870	15.310	ng/ul	98
85) Benzo(a)anthracene	21.622	228	950972	10.776	ng/ul	100
87) Chrysene	21.680	228	914201	10.289	ng/ul	98
90) Benzo(b)fluoranthene	23.439	252	1276227	12.622	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	1276227	12.402	ng/ul	100
93) Benzo(a)pyrene	24.121	252	838046	9.451	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.986	276	625891	5.786	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.998	278	157229	1.774	ng/ul#	81
96) Benzo(g,h,i)perylene	27.839	276	552716	6.004	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014965.D
Acq On : 04 May 2023 22:14
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Sample : 02447-22 10X
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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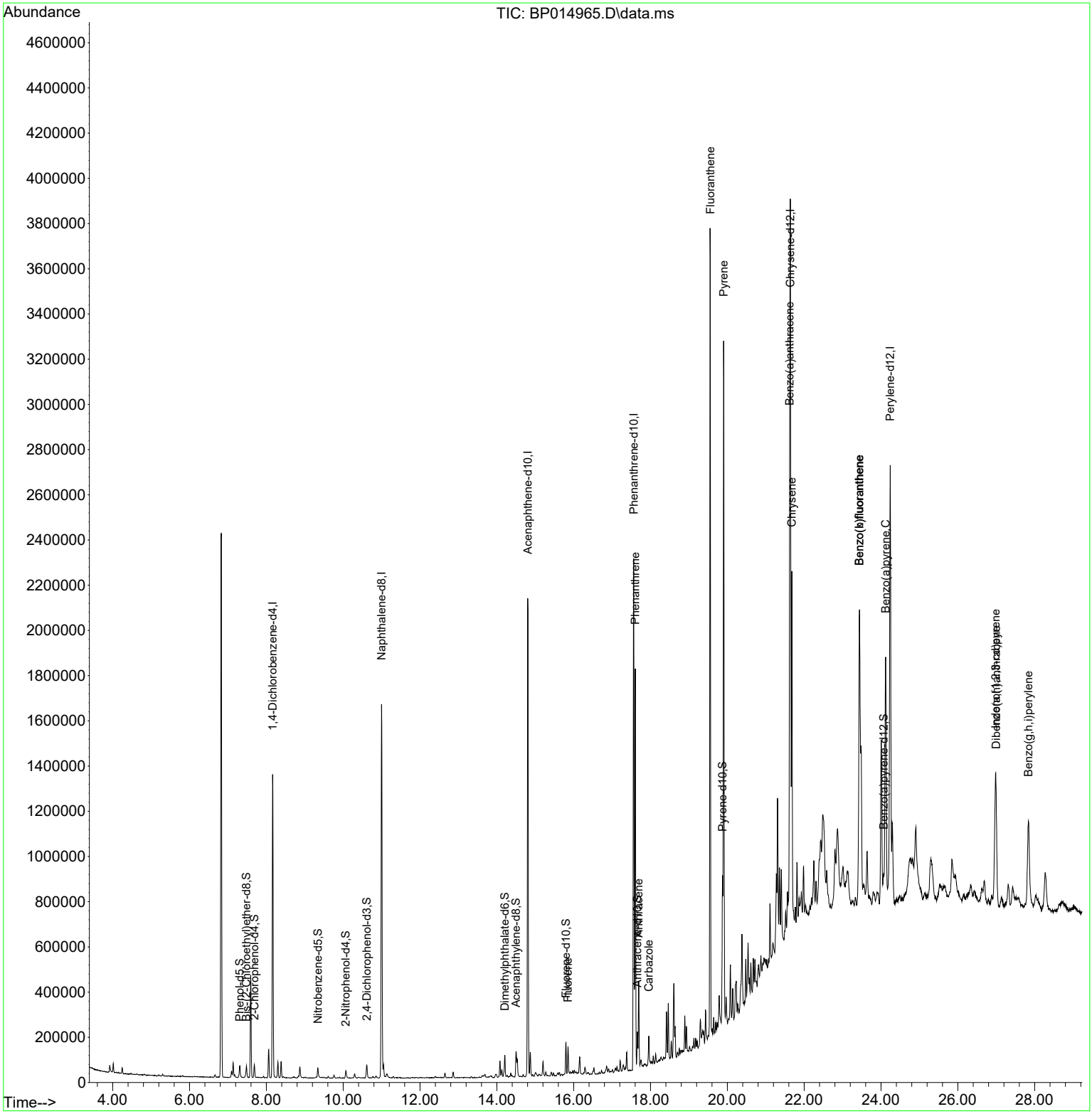
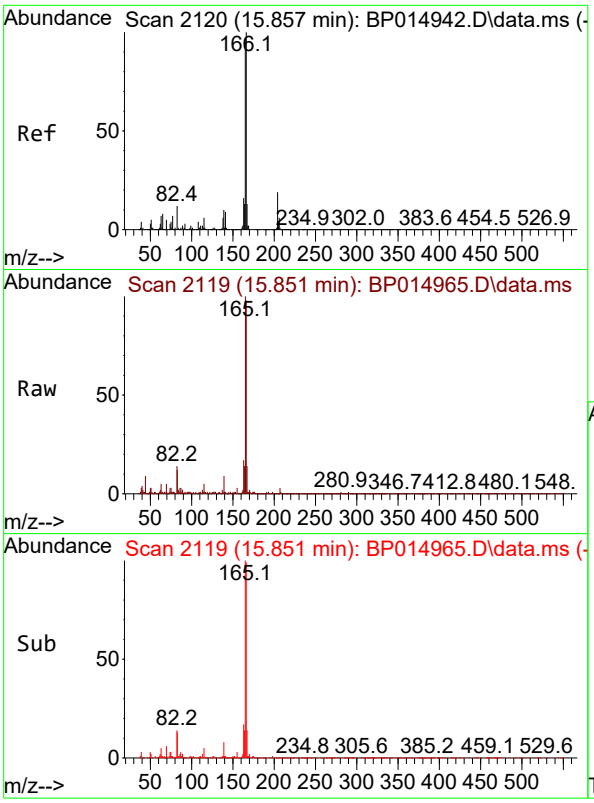
Quant Time: May 05 00:20:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 04 11:40:49 2023
Response via : Initial Calibration



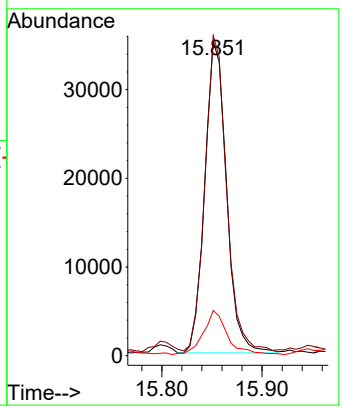


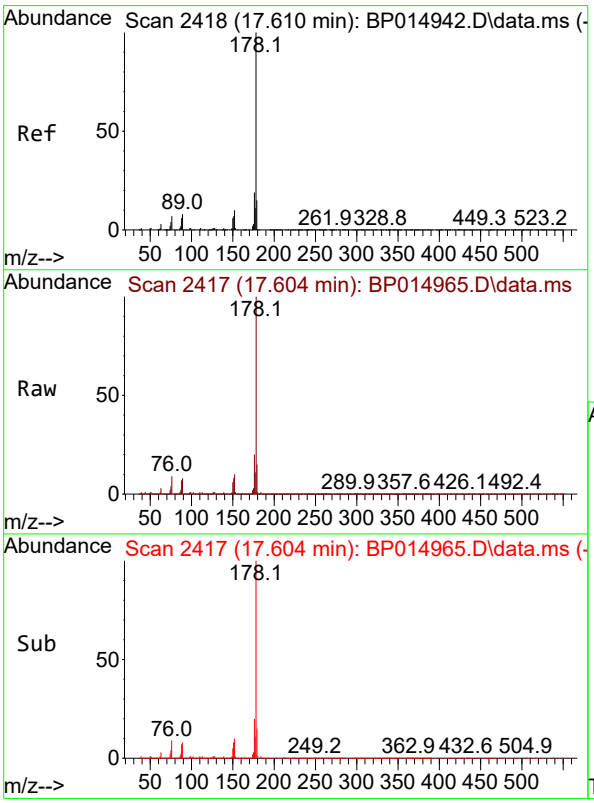
#61
Fluorene
Concen: 1.052 ng/ul
RT: 15.851 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Instrument :
BNA_P
ClientSampleId :
EW940

Tgt Ion:166 Resp: 53139

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.3	118.9
167	14.4	10.7	16.1

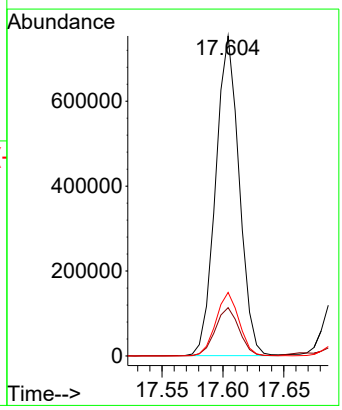


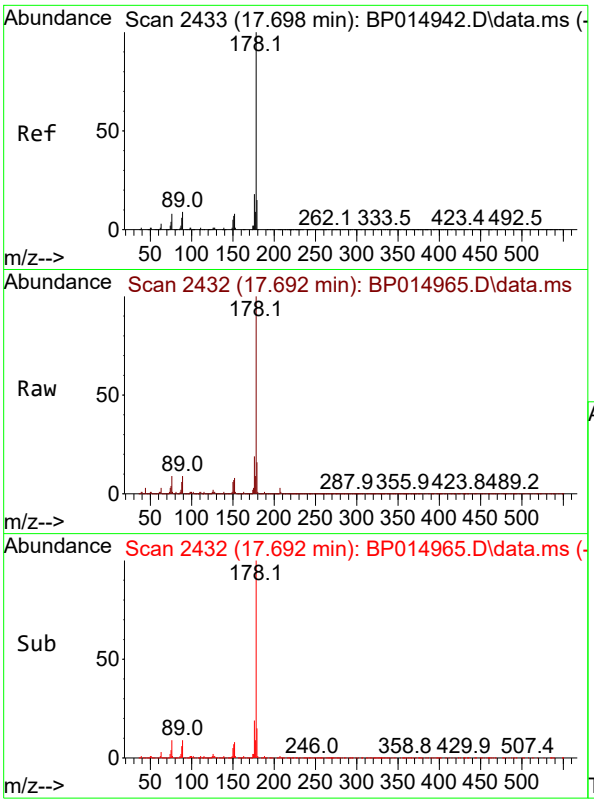


#72
Phenanthrene
Concen: 13.527 ng/ul
RT: 17.604 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Tgt Ion:178 Resp: 1013333

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	19.9	15.4	23.0



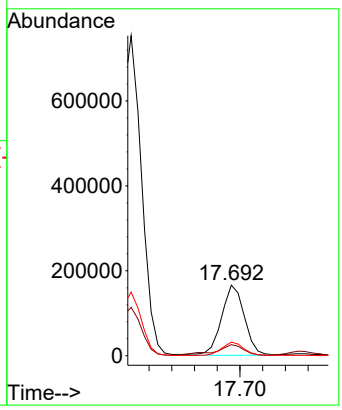


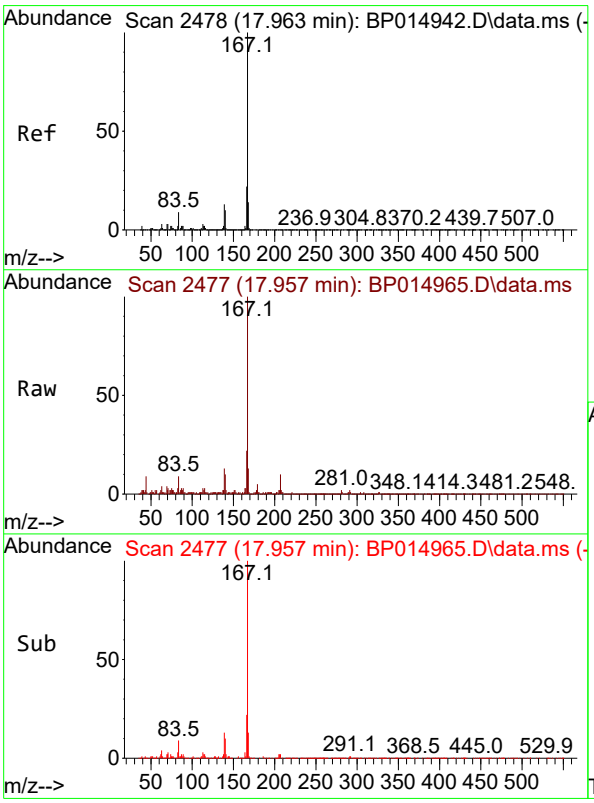
#74
Anthracene
Concen: 3.122 ng/ul
RT: 17.692 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Instrument :
BNA_P
ClientSampleId :
EW940

Tgt Ion:178 Resp: 232863

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.3	15.0	22.4

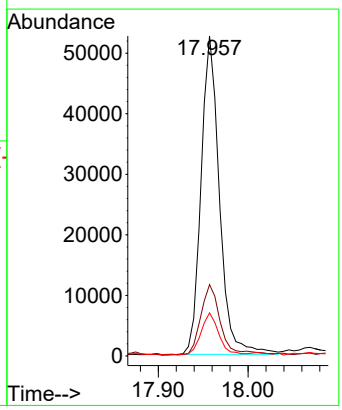


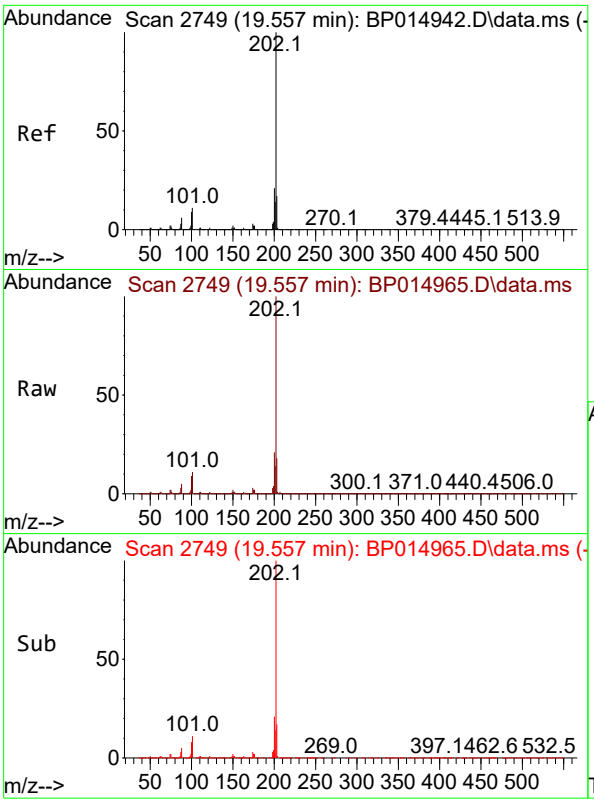


#77
Carbazole
Concen: 1.195 ng/ul
RT: 17.957 min Scan# 2477
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Tgt Ion:167 Resp: 74945

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.1	25.7
139	13.5	10.1	15.1



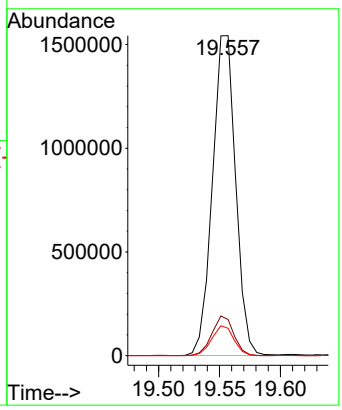


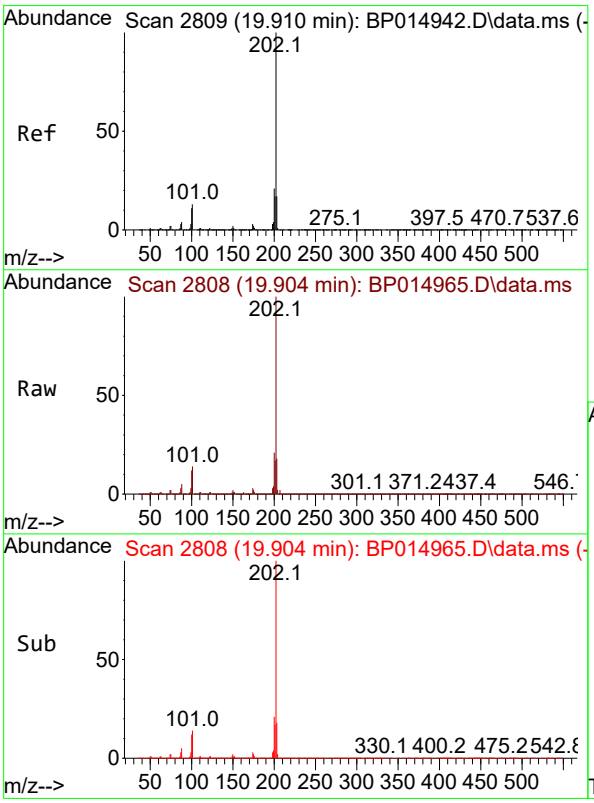
#80
Fluoranthene
Concen: 18.668 ng/ul
RT: 19.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Instrument :
BNA_P
ClientSampleId :
EW940

Tgt Ion:202 Resp: 2042597

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.1	15.1
100	8.5	7.7	11.5

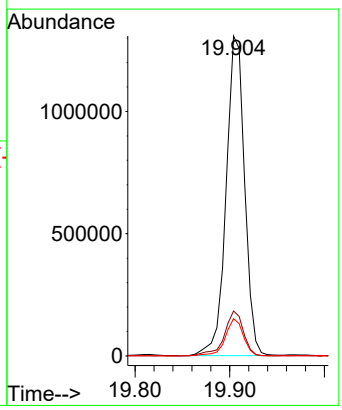


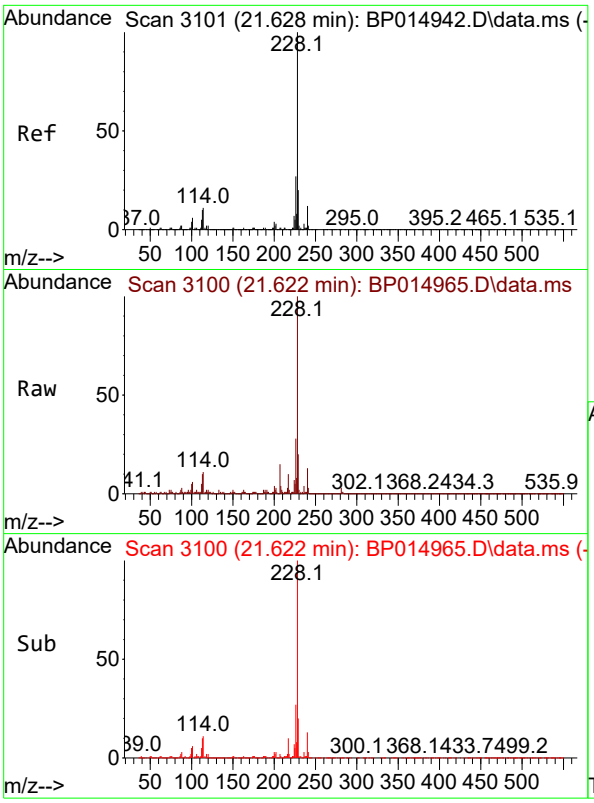


#82
Pyrene
Concen: 15.310 ng/ul
RT: 19.904 min Scan# 2808
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Tgt Ion:202 Resp: 1774870

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.9	17.9
100	11.7	9.7	14.5



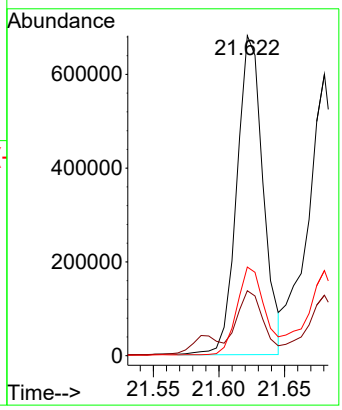


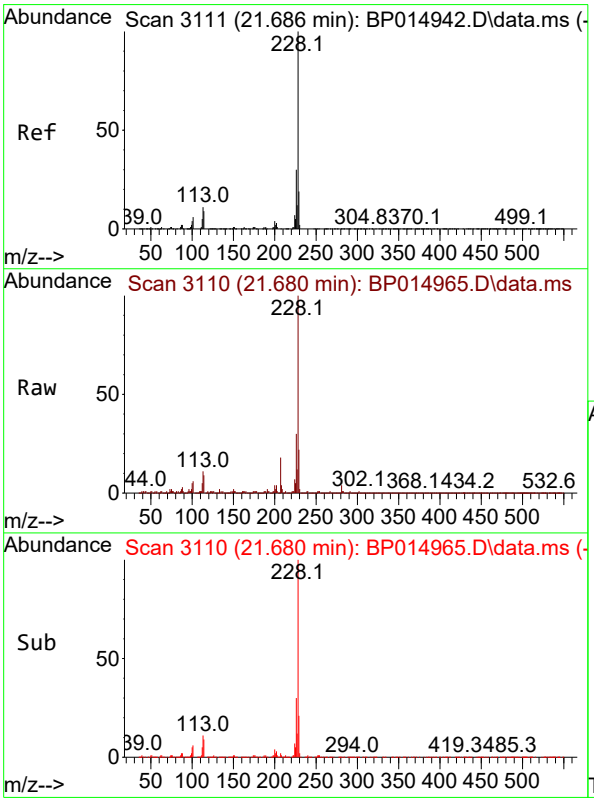
#85
Benzo(a)anthracene
Concen: 10.776 ng/ul
RT: 21.622 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Instrument :
BNA_P
ClientSampleId :
EW940

Tgt Ion:228 Resp: 950972

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.7	22.1	33.1

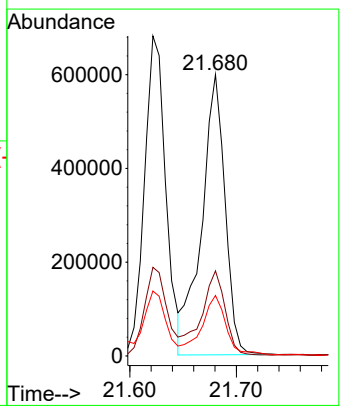


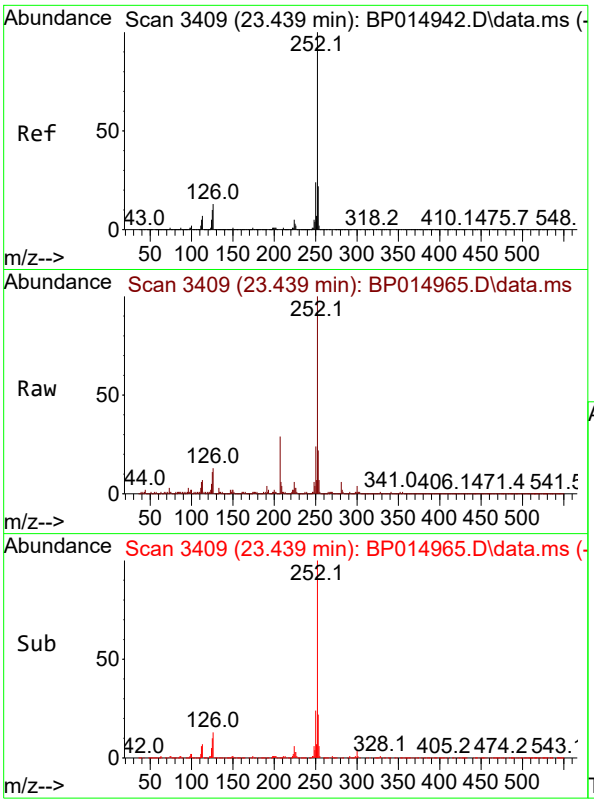


#87
Chrysene
Concen: 10.289 ng/ul
RT: 21.680 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Tgt Ion:228 Resp: 914201

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	21.5	15.8	23.8



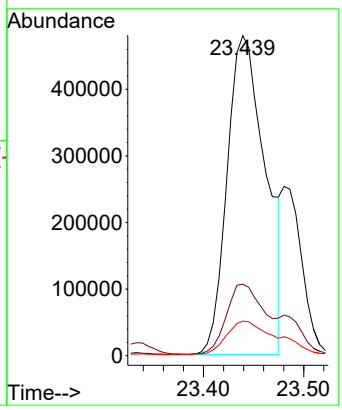


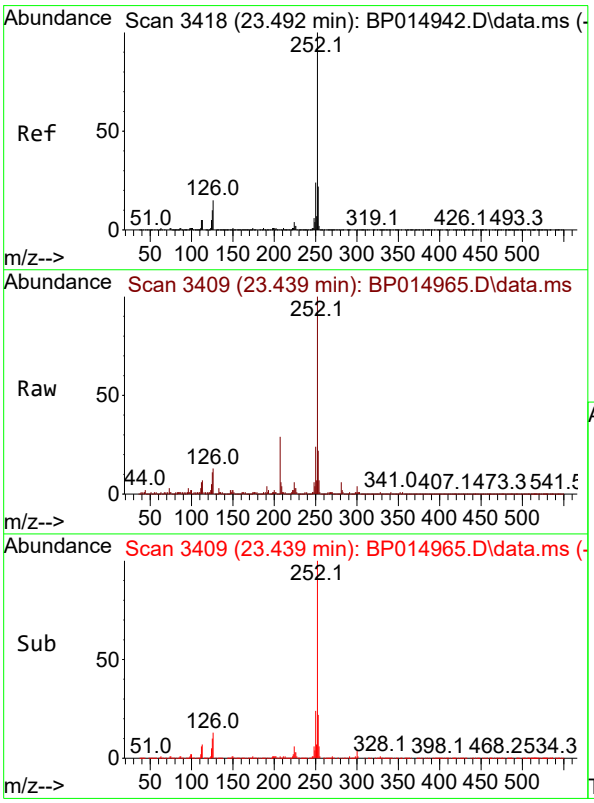
#90
Benzo(b)fluoranthene
Concen: 12.622 ng/ul
RT: 23.439 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Instrument :
BNA_P
ClientSampleId :
EW940

Tgt Ion:252 Resp: 1276227

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.8	8.4	12.6

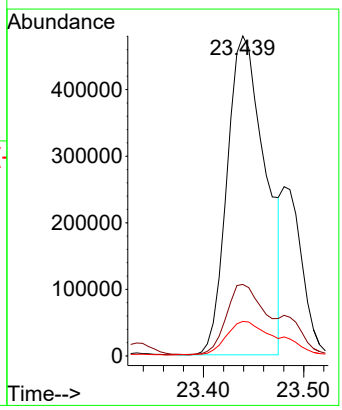


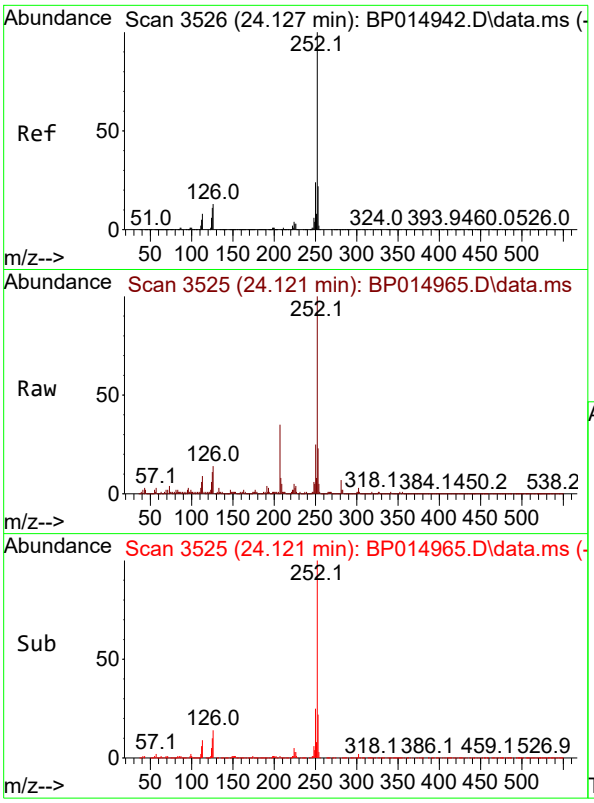


#91
Benzo(k)fluoranthene
Concen: 12.402 ng/ul
RT: 23.439 min Scan# 3409
Delta R.T. -0.053 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Tgt Ion:252 Resp: 1276227

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.8	8.9	13.3



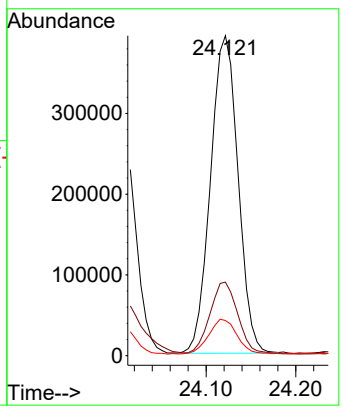


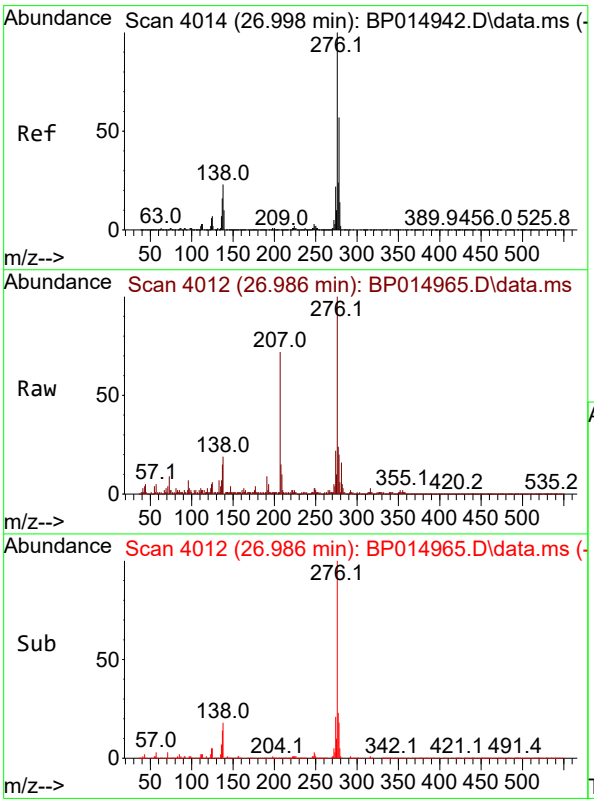
#93
Benzo(a)pyrene
Concen: 9.451 ng/ul
RT: 24.121 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Instrument :
BNA_P
ClientSampleId :
EW940

Tgt Ion:252 Resp: 838046

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.0	9.4	14.2

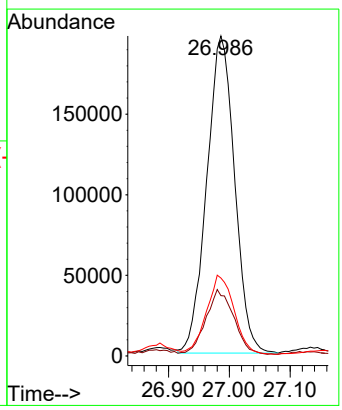


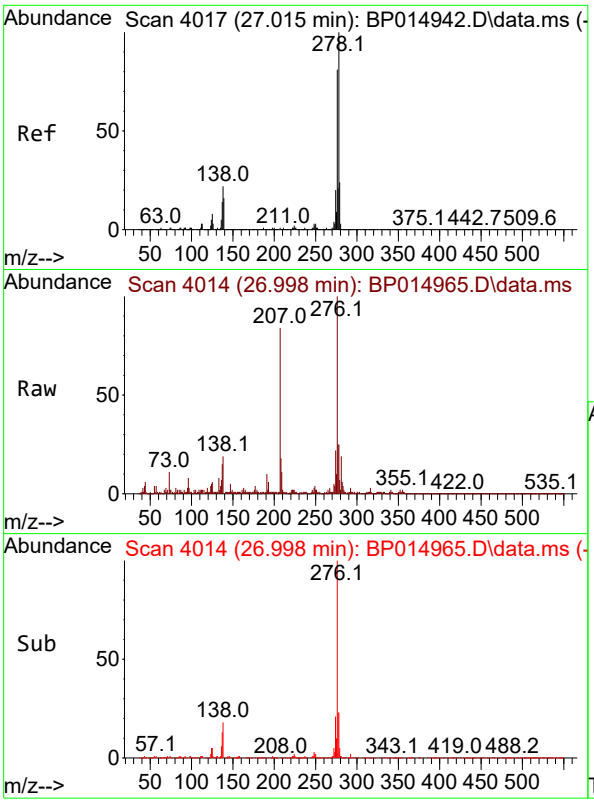


#94
Indeno(1,2,3-cd)pyrene
Concen: 5.786 ng/ul
RT: 26.986 min Scan# 4012
Delta R.T. -0.012 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Tgt Ion:276 Resp: 625891

Ion	Ratio	Lower	Upper
276	100		
138	18.9	19.4	29.0#
277	24.3	19.4	29.2



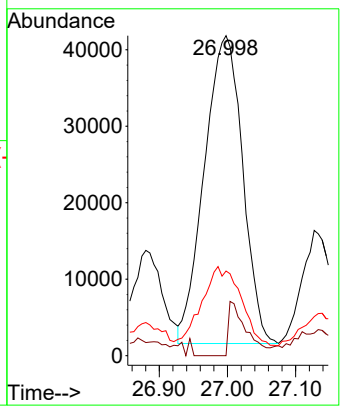


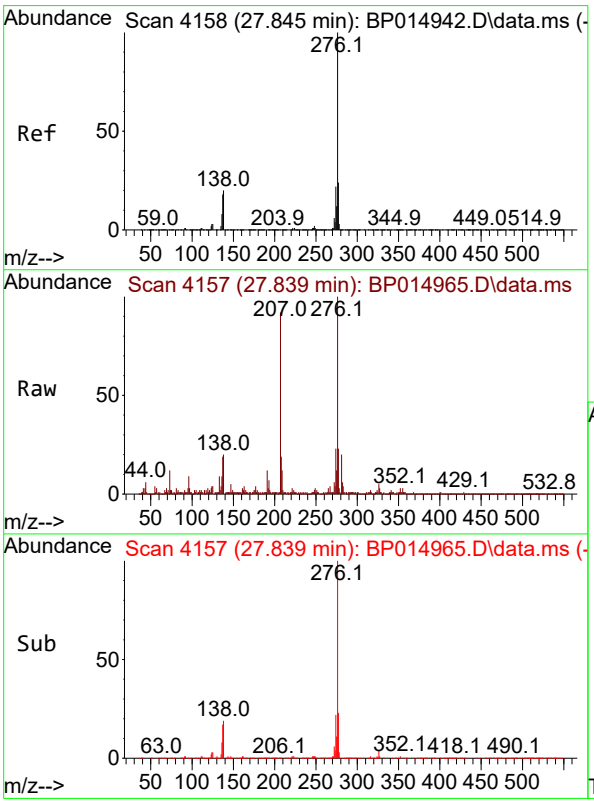
#95
Dibenzo(a,h)anthracene
Concen: 1.774 ng/ul
RT: 26.998 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Instrument :
BNA_P
ClientSampleId :
EW940

Tgt Ion:278 Resp: 157229

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.9	19.3#
279	26.5	19.0	28.6





#96
Benzo(g,h,i)perylene
Concen: 6.004 ng/ul
RT: 27.839 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BP014965.D
Acq: 04 May 2023 22:14

Tgt Ion:276 Resp: 552716

Ion	Ratio	Lower	Upper
276	100		
138	19.7	18.0	27.0
277	23.3	19.8	29.8