Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

Quant Time: May 31 22:44:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	24592	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	95138	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	75776	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.259	188	183007	20.000	ng/ul	0.00
79) Chrysene-d12	21.507	240	184498	20.000	ng/ul	0.00
88) Perylene-d12	24.592	264	211334	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2132	4.852	ng/uL	0.00
4) Pyridine-d5	3.740	84	18797	12.024	ng/ul	0.00
7) Phenol-d5	7.054	99	38523	19.075	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	25289	19.923	ng/ul	0.00
11) 2-Chlorophenol-d4	7.406	132	30859	20.647	ng/ul	0.00
15) 4-Methylphenol-d8	8.587	113	19028	11.050	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	16293	22.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	19250	22.455	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.297	165	36399	21.779	ng/ul	0.00
31) 4-Chloroaniline-d4	10.802	131	14801	6.769	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	128488	21.863	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	143712	23.521	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	12270	16.887	ng/ul	0.01
60) Fluorene-d10	15.503	176	119329	23.518	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	18588	16.793	ng/ul	0.00
73) Anthracene-d10	17.353	188	193576	23.992	ng/ul	0.00
81) Pyrene-d10	19.651	212	235666	24.877	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.380	264	247737	24.383	ng/ul	0.00
Target Compounds						Qvalue
55) 4-Nitrophenol	14.727	109	3624	4.242	ng/ul#	18
72) Phenanthrene	17.300	178	71792	8.083	ng/ul	99
77) Carbazole	17.659	167	7576	1.014	ng/ul	99
80) Fluoranthene	19.316	202	190832	16.792	ng/ul	99
82) Pyrene	19.680	202	176327	14.948	ng/ul	99
83) Butylbenzylphthalate	20.567	149	7808	1.927	ng/ul	93
85) Benzo(a)anthracene	21.490	228	95930	7.535	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.402	149	49308	8.220	ng/ul#	96
87) Chrysene	21.490	228	94405	8.054	ng/ul	98
90) Benzo(b)fluoranthene	23.622	252	156883	12.468	ng/ul	97
91) Benzo(k)fluoranthene	23.622	252	156883	12.282	ng/ul#	92
93) Benzo(a)pyrene	24.451	252	96599	8.085	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.082	276	76327	5.283	ng/ul#	92
96) Benzo(g,h,i)perylene	29.175	276	41243	3.588	ng/ul	94

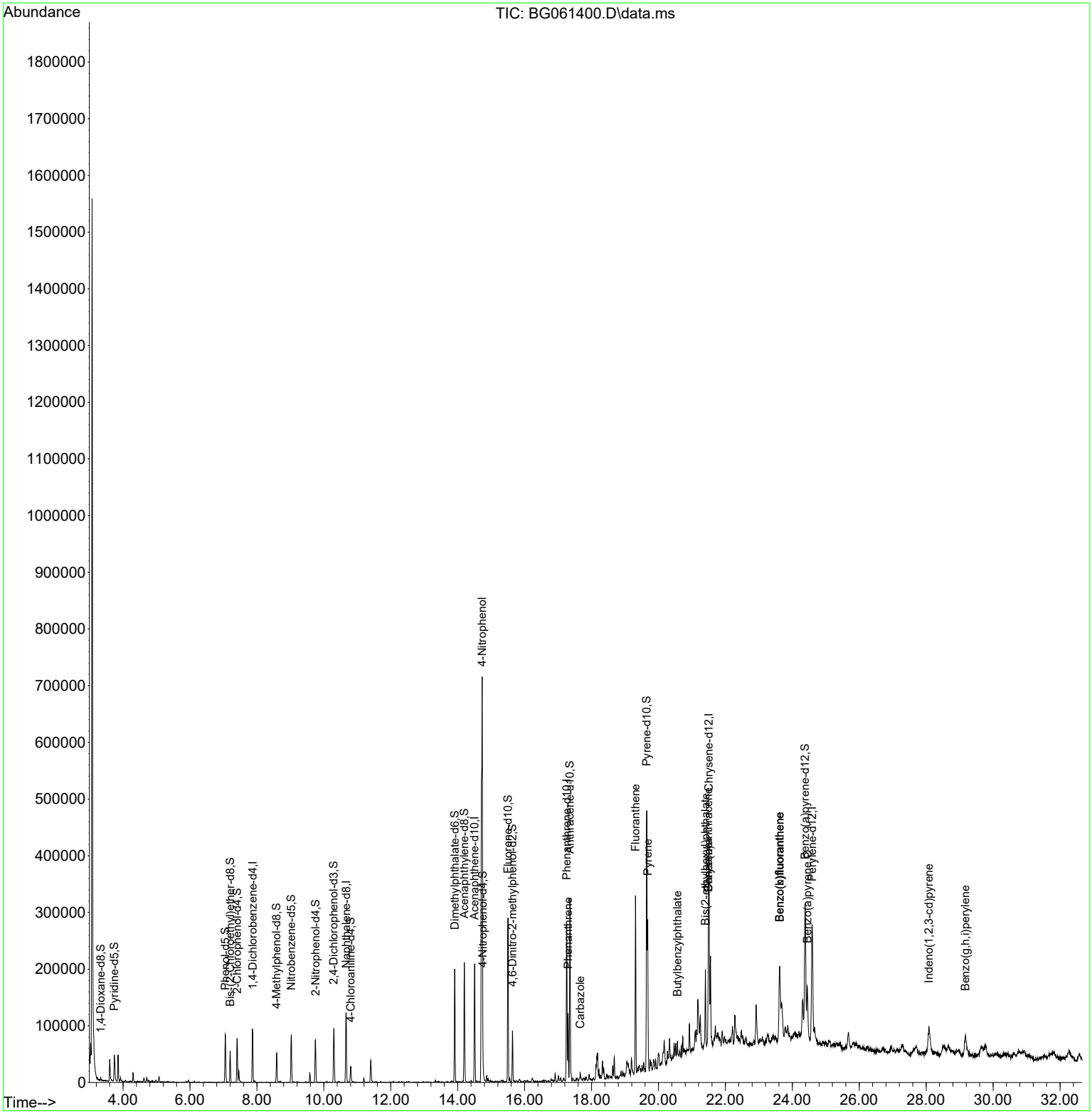
(#) = qualifier out of range (m) = manual integration (+) = signals summed

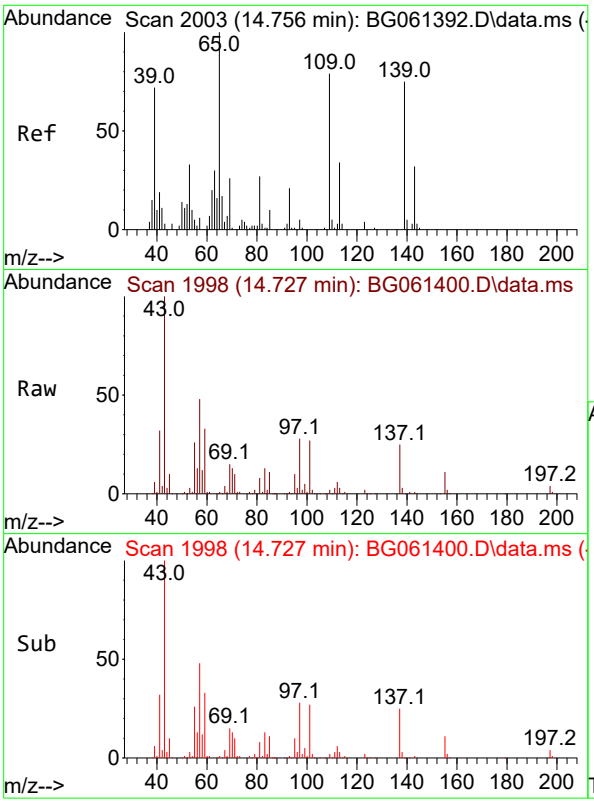
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061400.D
Acq On : 31 May 2024 19:34
Operator : MA/JU
Sample : P2588-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5T8

Quant Time: May 31 22:44:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration



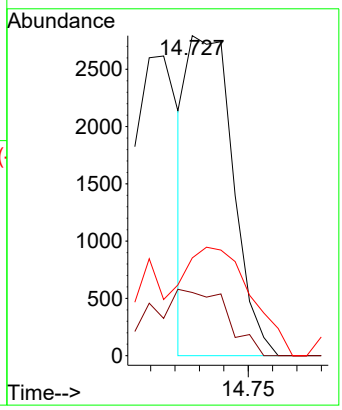


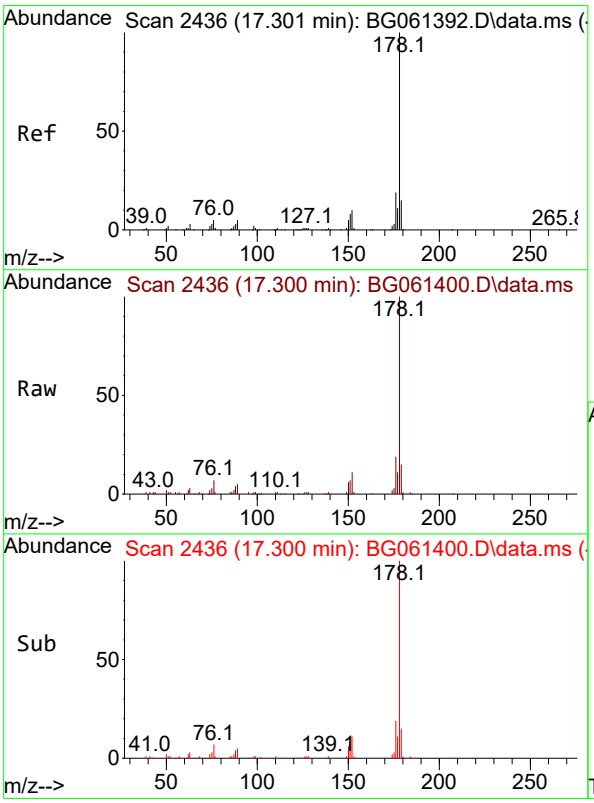
#55
4-Nitrophenol
Concen: 4.242 ng/ul
RT: 14.727 min Scan# 1
Delta R.T. -0.028 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Instrument :
BNA_G
ClientSampleId :
BH5T8

Tgt Ion:109 Resp: 3624

Ion	Ratio	Lower	Upper
109	100		
139	19.8	74.9	112.3#
65	30.6	104.0	156.0#

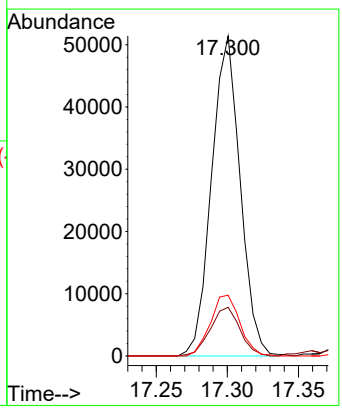


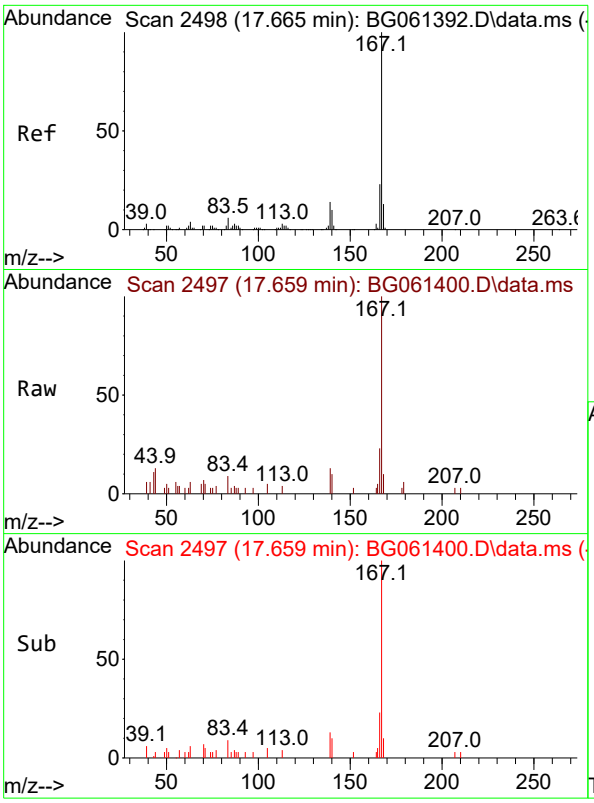


#72
Phenanthrene
Concen: 8.083 ng/ul
RT: 17.300 min Scan# 2436
Delta R.T. 0.001 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Tgt Ion:178 Resp: 71792

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.7	19.1
176	19.0	15.5	23.3



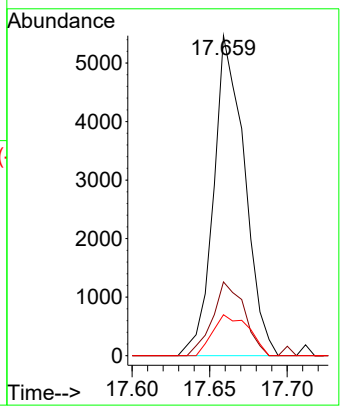


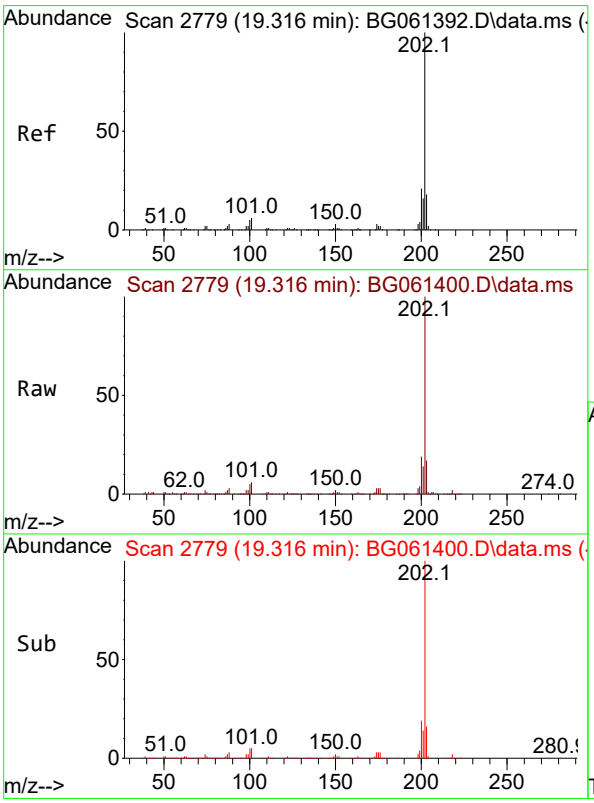
#77
Carbazole
Concen: 1.014 ng/ul
RT: 17.659 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Instrument :
BNA_G
ClientSampleId :
BH5T8

Tgt Ion:167 Resp: 7576

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.6	28.0
139	12.8	10.6	15.8

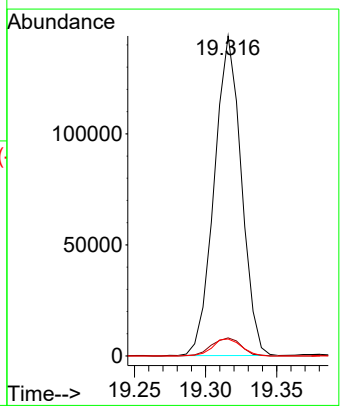


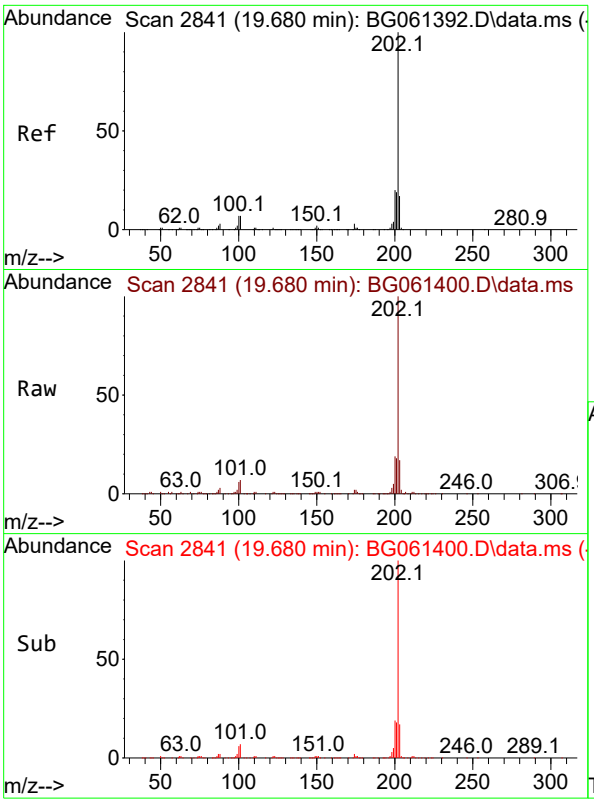


#80
Fluoranthene
Concen: 16.792 ng/ul
RT: 19.316 min Scan# 2779
Delta R.T. 0.001 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Tgt Ion:202 Resp: 190832

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.8	7.2
100	5.3	4.1	6.1



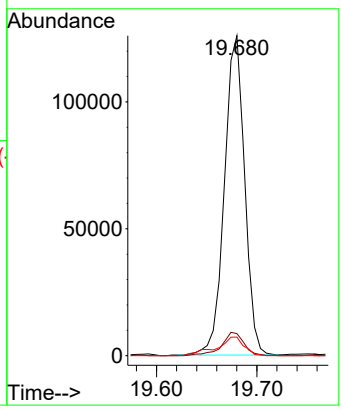


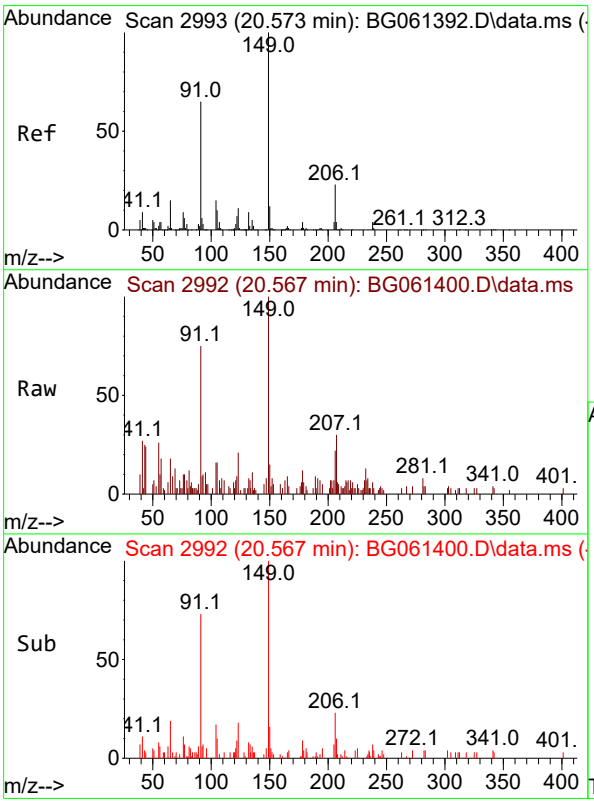
#82
Pyrene
Concen: 14.948 ng/ul
RT: 19.680 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Instrument :
BNA_G
ClientSampleId :
BH5T8

Tgt Ion:202 Resp: 176327

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.7	8.5
100	5.8	5.1	7.7

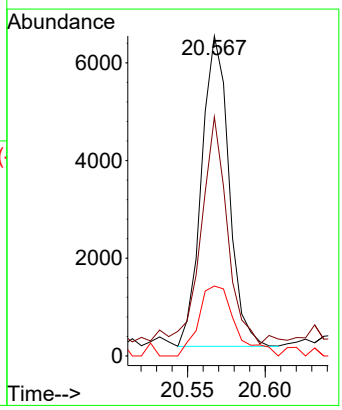


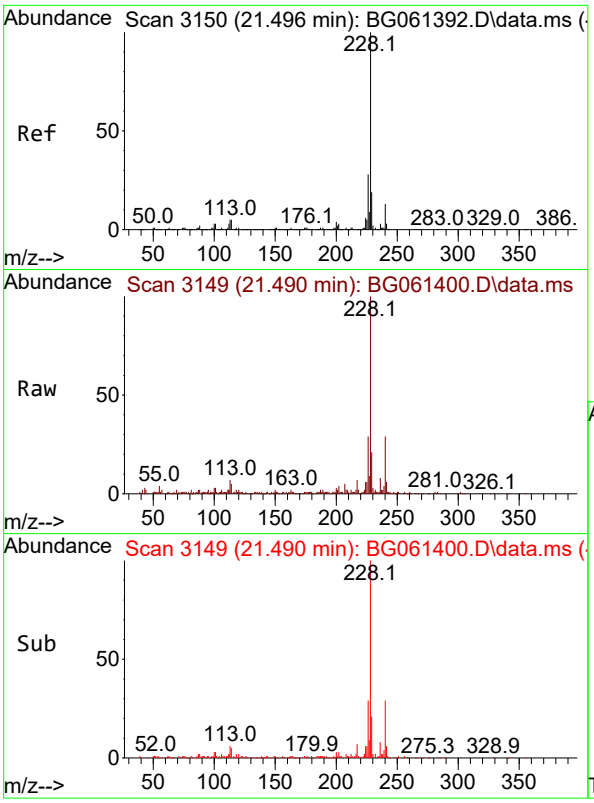


#83
Butylbenzylphthalate
Concen: 1.927 ng/ul
RT: 20.567 min Scan# 2992
Delta R.T. -0.005 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Tgt Ion:149 Resp: 7808

Ion	Ratio	Lower	Upper
149	100		
91	74.7	54.8	82.2
206	21.8	19.4	29.0



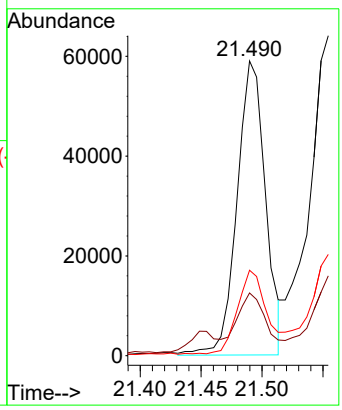


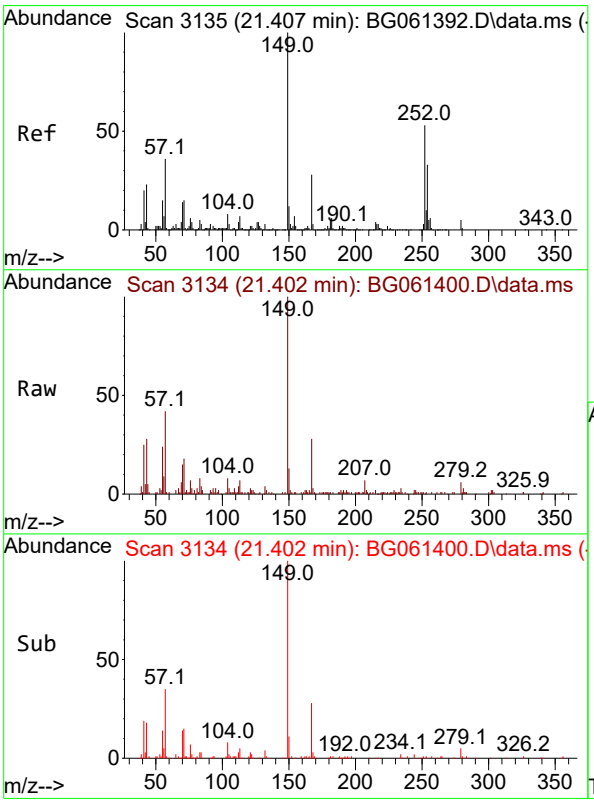
#85
Benzo(a)anthracene
Concen: 7.535 ng/ul
RT: 21.490 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Instrument :
BNA_G
ClientSampleId :
BH5T8

Tgt Ion:228 Resp: 95930

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.2	22.8
226	29.0	21.4	32.2

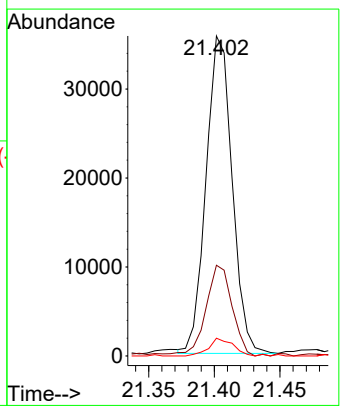


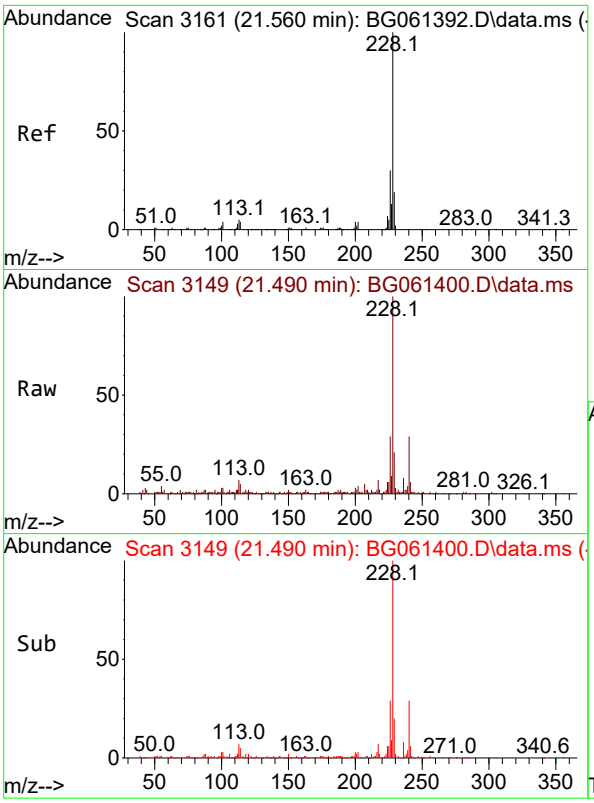


#86
Bis(2-ethylhexyl)phthalate
Concen: 8.220 ng/ul
RT: 21.402 min Scan# 3134
Delta R.T. -0.005 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Tgt Ion:149 Resp: 49308

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.1	31.7
279	5.5	3.3	4.9#



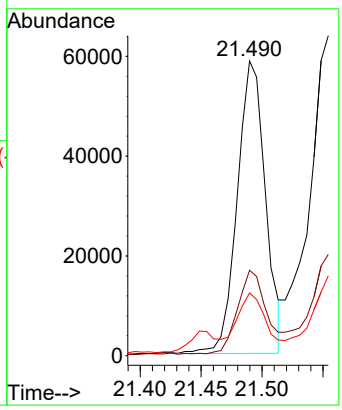


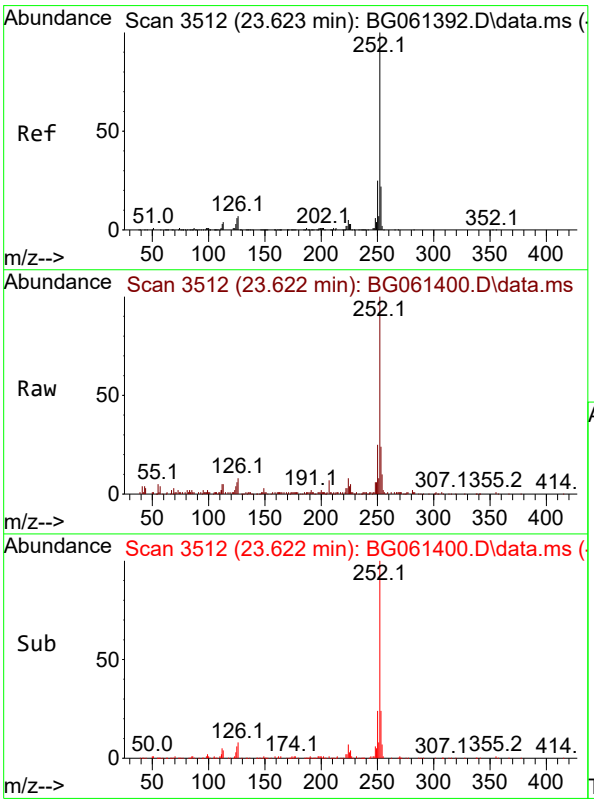
#87
Chrysene
Concen: 8.054 ng/ul
RT: 21.490 min Scan# 3
Delta R.T. -0.064 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Instrument :
BNA_G
ClientSampleId :
BH5T8

Tgt Ion:228 Resp: 94405

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	21.3	15.4	23.2

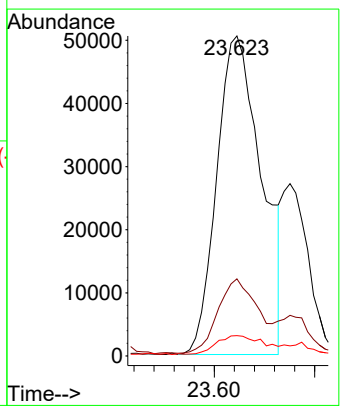


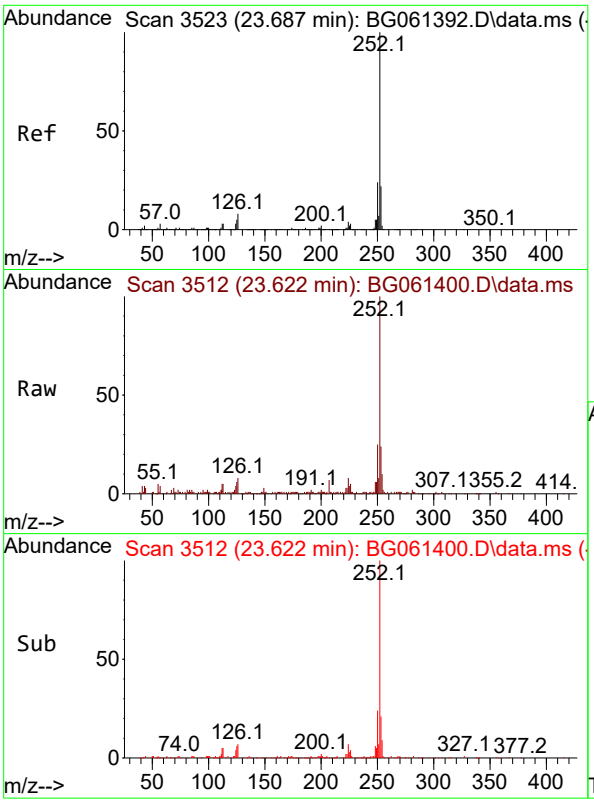


#90
Benzo(b)fluoranthene
Concen: 12.468 ng/ul
RT: 23.622 min Scan# 3512
Delta R.T. 0.007 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Tgt Ion:252 Resp: 156883

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	6.3	4.6	6.8



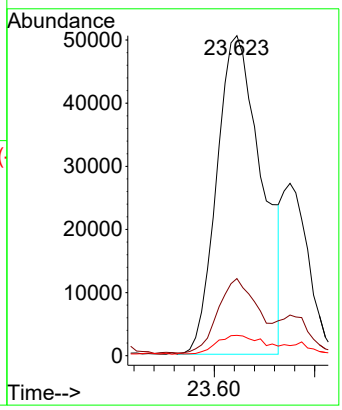


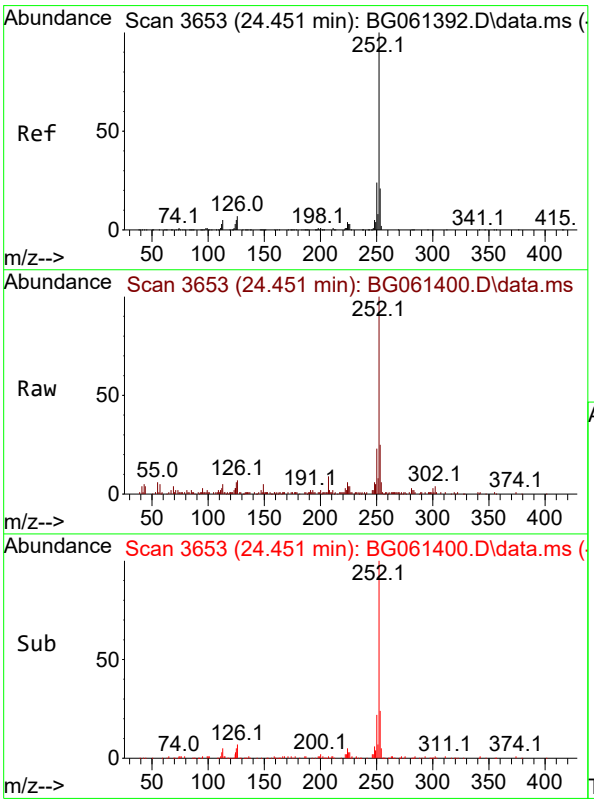
#91
Benzo(k)fluoranthene
Concen: 12.282 ng/ul
RT: 23.622 min Scan# 3
Delta R.T. -0.058 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Instrument :
BNA_G
ClientSampleId :
BH5T8

Tgt Ion:252 Resp: 156883

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	6.3	4.3	6.5

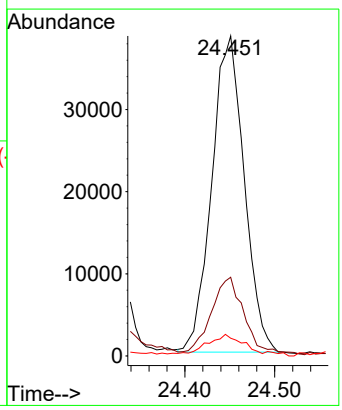


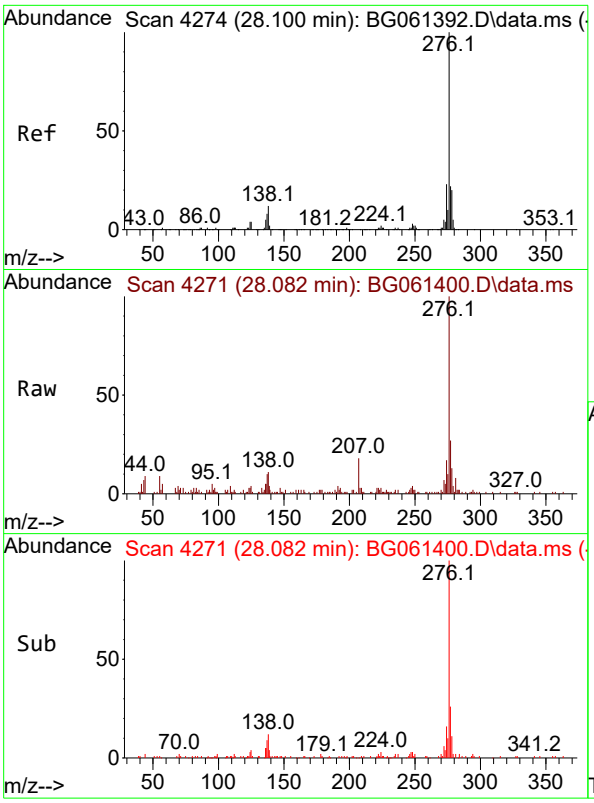


#93
Benzo(a)pyrene
Concen: 8.085 ng/ul
RT: 24.451 min Scan# 3653
Delta R.T. 0.001 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Tgt Ion:252 Resp: 96599

Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.4	24.6
125	5.5	4.3	6.5



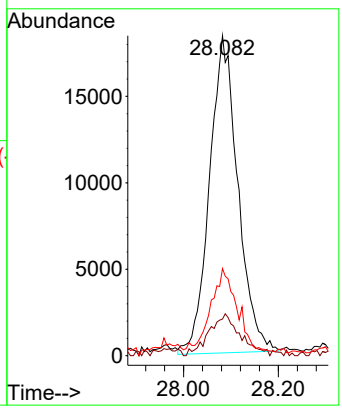


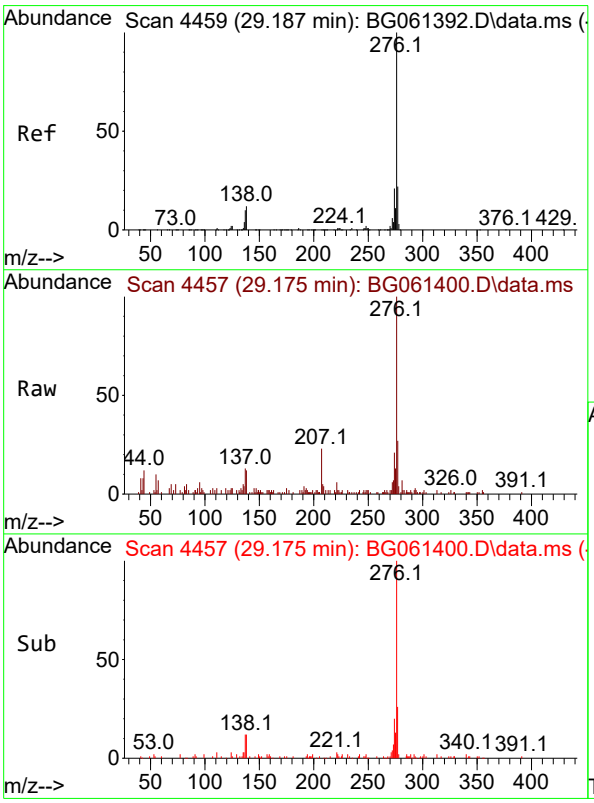
#94
Indeno(1,2,3-cd)pyrene
Concen: 5.283 ng/ul
RT: 28.082 min Scan# 4
Delta R.T. -0.011 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Instrument :
BNA_G
ClientSampleId :
BH5T8

Tgt Ion:276 Resp: 76327

Ion	Ratio	Lower	Upper
276	100		
138	15.8	8.6	13.0#
277	27.3	19.7	29.5





#96
Benzo(g,h,i)perylene
Concen: 3.588 ng/ul
RT: 29.175 min Scan# 4457
Delta R.T. 0.001 min
Lab File: BG061400.D
Acq: 31 May 2024 19:34

Tgt Ion:276 Resp: 41243

Ion	Ratio	Lower	Upper
276	100		
138	11.8	8.7	13.1
277	26.7	18.2	27.2