Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

Quant Time: May 31 02:05:31 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	7.882	152	26291	20.000	ng/ul	0.00
20) Naphthalene-d8	10.678	136	110266	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.515	164	82584	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	181259	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.519	240	192234	20.000	ng/ul	0.00
88) Perylene-d12	24.603	264	211444	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2319	4.936	ng/uL	0.00
4) Pyridine-d5	3.751	84	17508	10.475	ng/ul	0.01
7) Phenol-d5	7.065	99	56264	26.060	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.212	67	36417	26.836	ng/ul	0.00
11) 2-Chlorophenol-d4	7.423	132	46582	29.153	ng/ul	0.01
15) 4-Methylphenol-d8	8.598	113	29711	16.139	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	24021	28.294	ng/ul	0.01
24) 2-Nitrophenol-d4	9.762	143	29098	29.286	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.308	165	56002	28.911	ng/ul	0.00
31) 4-Chloroaniline-d4	10.813	131	35655	14.070	ng/ul	0.01
46) Dimethylphthalate-d6	13.922	166	183415	28.636	ng/ul	0.00
49) Acenaphthylene-d8	14.209	160	202764	30.450	ng/ul	0.00
54) 4-Nitrophenol-d4	14.750	143	20014	25.274	ng/ul	0.01
60) Fluorene-d10	15.508	176	161580	29.220	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	19573	17.854	ng/ul	0.00
73) Anthracene-d10	17.365	188	246190	30.808	ng/ul	0.00
81) Pyrene-d10	19.656	212	307918	31.196	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.392	264	332450	32.704	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.306	178	84931	9.654	ng/ul	98
74) Anthracene	17.394	178	9246	1.016	ng/ul	95
77) Carbazole	17.670	167	8580	1.160	ng/ul	94
78) Di-n-butylphthalate	18.228	149	11386	1.228	ng/ul#	89
80) Fluoranthene	19.321	202	263823	22.281	ng/ul	99
82) Pyrene	19.685	202	246474	20.054	ng/ul	99
83) Butylbenzylphthalate	20.573	149	10665	2.526	ng/ul#	84
85) Benzo(a)anthracene	21.495	228	144995	10.931	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.413	149	65312	10.450	ng/ul#	99
87) Chrysene	21.560	228	163707	13.404	ng/ul	97
90) Benzo(b)fluoranthene	23.634	252	222393	17.665	ng/ul	98
91) Benzo(k)fluoranthene	23.687	252	64456	5.043	ng/ul	95
93) Benzo(a)pyrene	24.456	252	141286	11.819	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.134	278	20765	1.742	ng/ul#	93
96) Benzo(g,h,i)perylene	29.192	276	67752	5.891	ng/ul	98

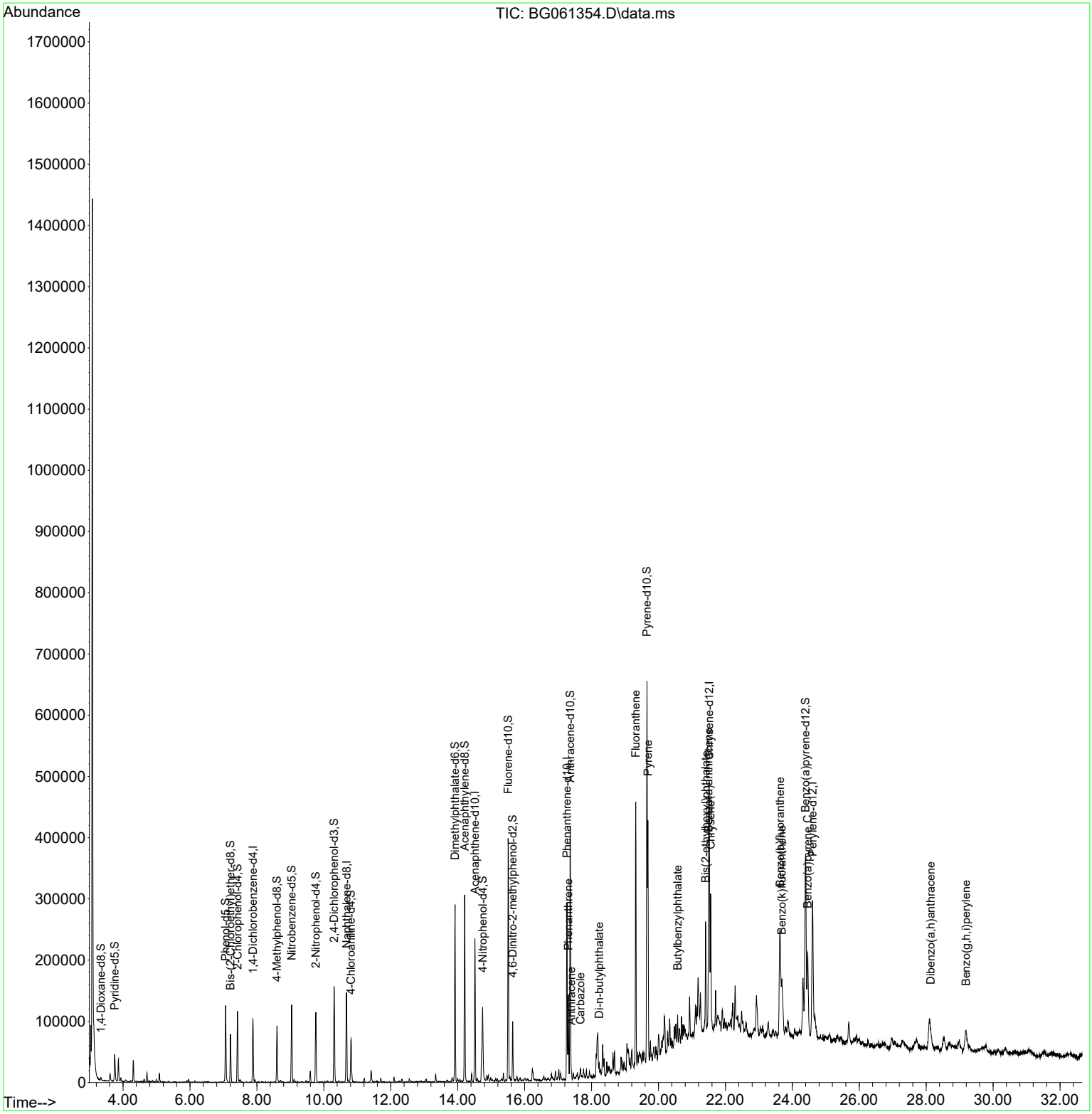
(#) = qualifier out of range (m) = manual integration (+) = signals summed

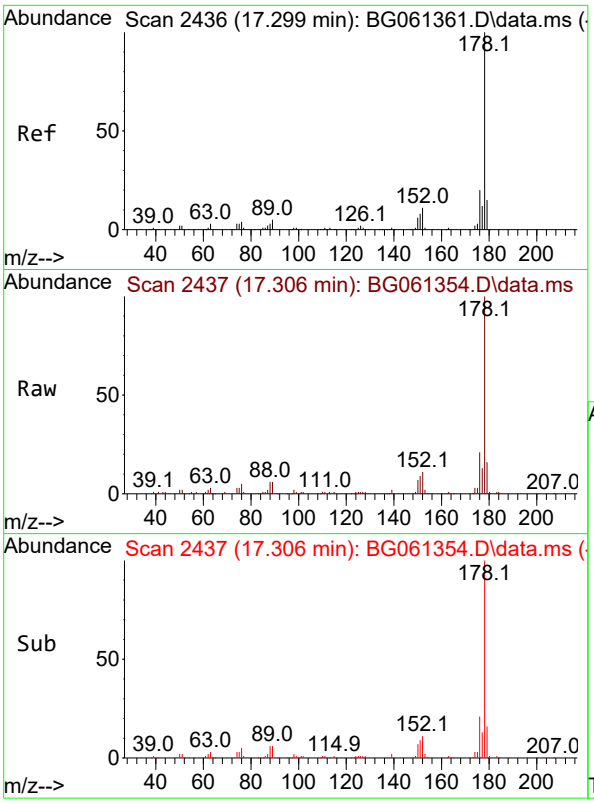
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
Data File : BG061354.D
Acq On : 30 May 2024 9:04
Operator : MA/JU
Sample : P2571-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH668

Quant Time: May 31 02:05:31 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



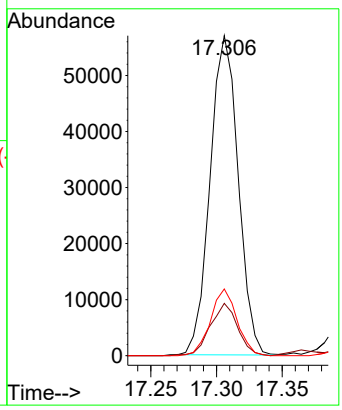


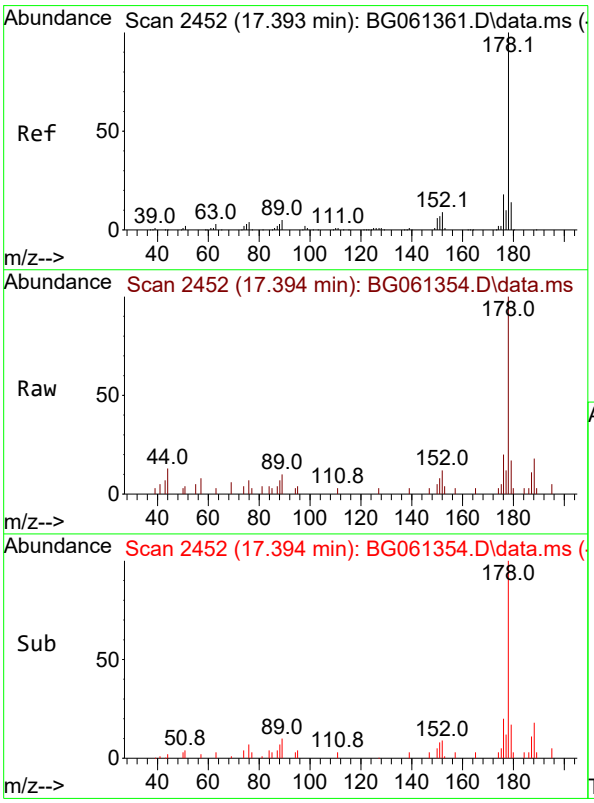
#72
Phenanthrene
Concen: 9.654 ng/ul
RT: 17.306 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Instrument :
BNA_G
ClientSampleId :
BH668

Tgt Ion:178 Resp: 84931

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.7	19.1
176	20.8	15.5	23.3

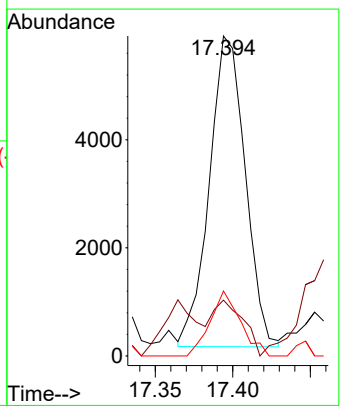


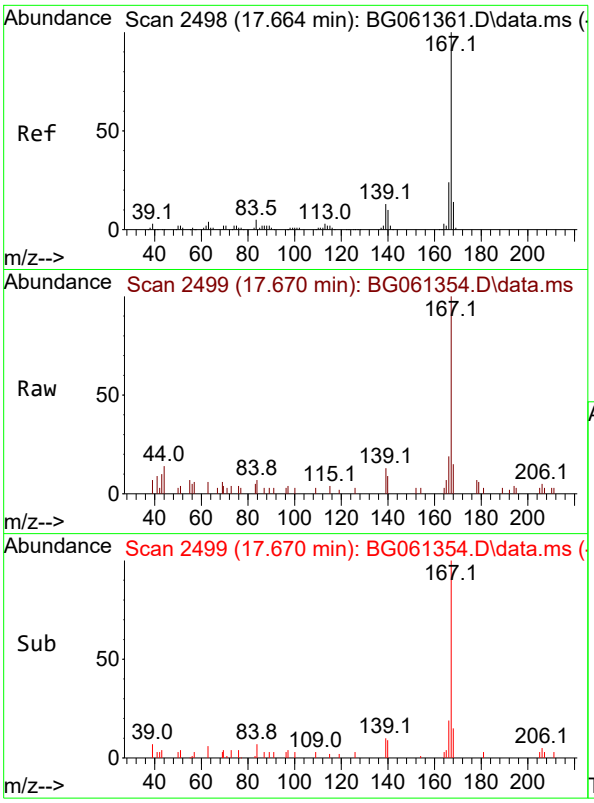


#74
Anthracene
Concen: 1.016 ng/ul
RT: 17.394 min Scan# 2452
Delta R.T. 0.001 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Tgt Ion:178 Resp: 9246

Ion	Ratio	Lower	Upper
178	100		
179	17.4	11.8	17.6
176	20.3	14.9	22.3



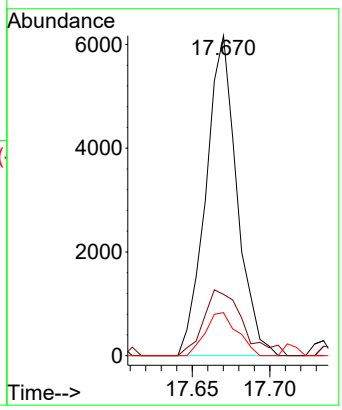


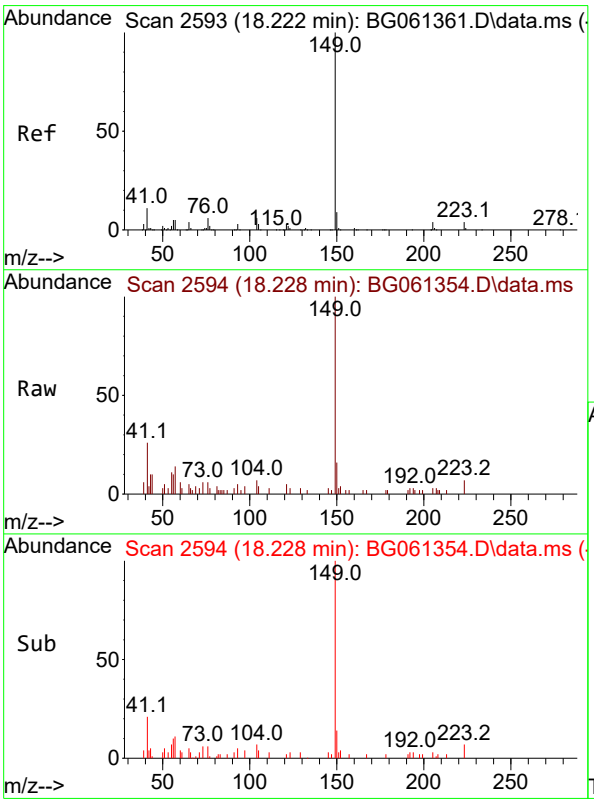
#77
Carbazole
Concen: 1.160 ng/ul
RT: 17.670 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Instrument :
BNA_G
ClientSampleId :
BH668

Tgt Ion:167 Resp: 8580

Ion	Ratio	Lower	Upper
167	100		
166	19.2	18.6	28.0
139	13.4	10.6	15.8

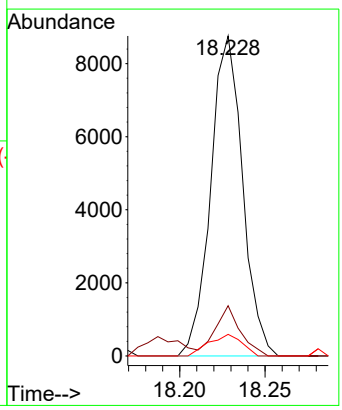


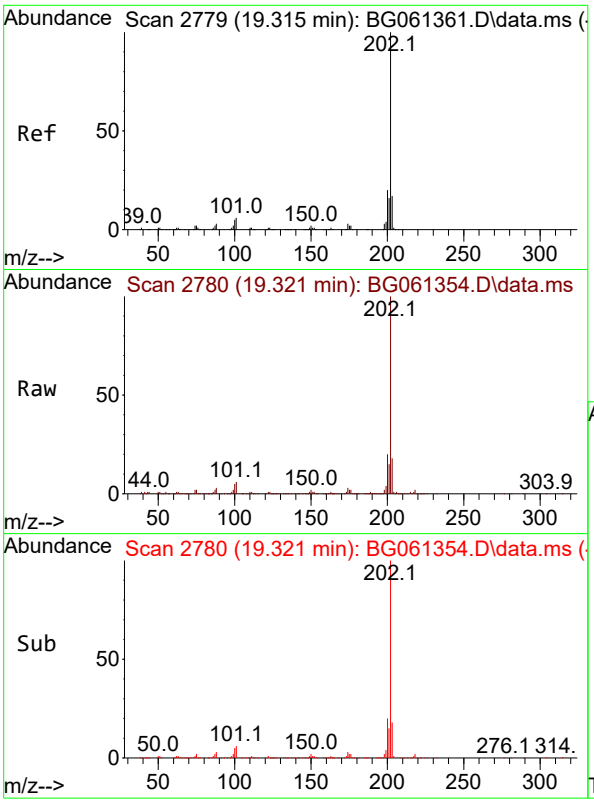


#78
Di-n-butylphthalate
Concen: 1.228 ng/ul
RT: 18.228 min Scan# 2594
Delta R.T. 0.006 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Tgt Ion:149 Resp: 11386

Ion	Ratio	Lower	Upper
149	100		
150	15.7	7.8	11.8#
104	6.7	4.8	7.2



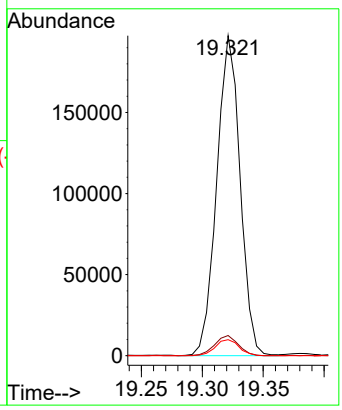


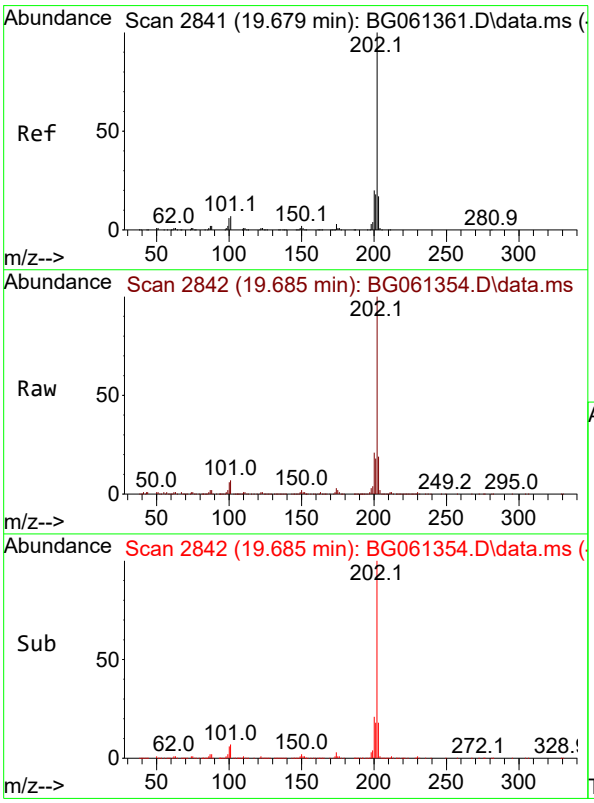
#80
Fluoranthene
Concen: 22.281 ng/ul
RT: 19.321 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Instrument :
BNA_G
ClientSampleId :
BH668

Tgt Ion:202 Resp: 263823

Ion	Ratio	Lower	Upper
202	100		
101	6.3	4.8	7.2
100	5.0	4.1	6.1

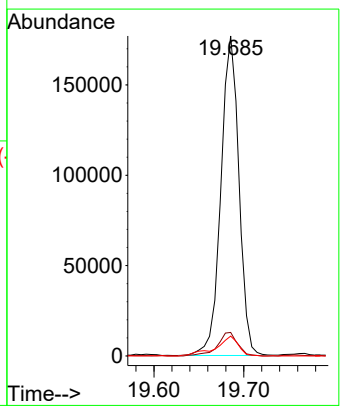


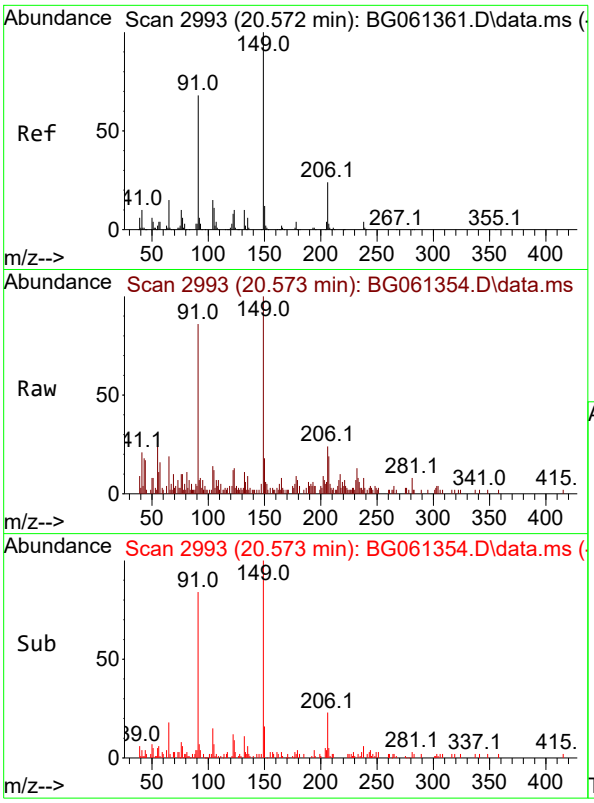


#82
Pyrene
Concen: 20.054 ng/ul
RT: 19.685 min Scan# 2842
Delta R.T. 0.006 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Tgt Ion:202 Resp: 246474

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.7	8.5
100	6.2	5.1	7.7



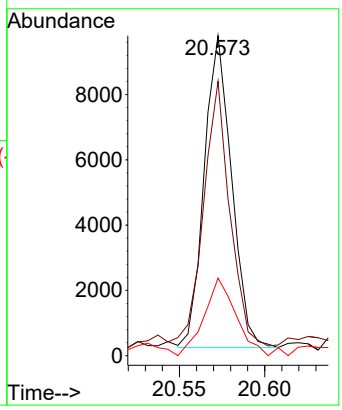


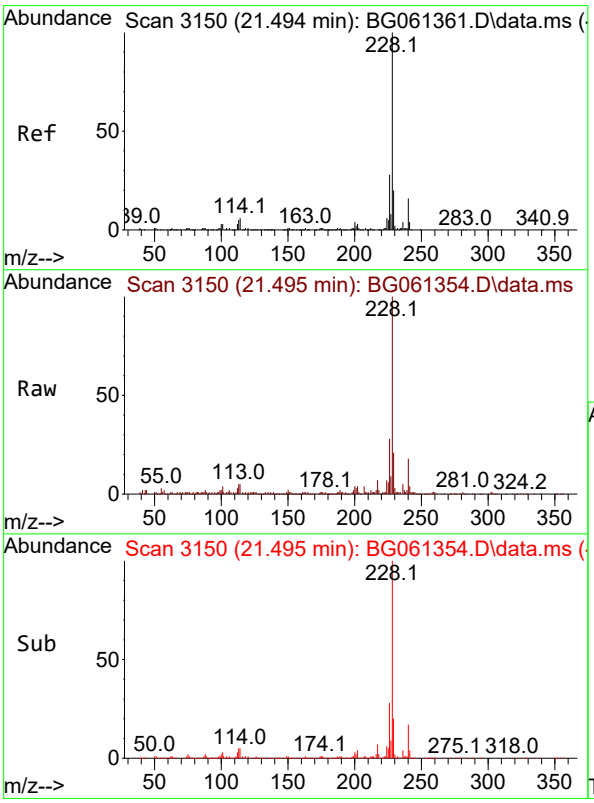
#83
Butylbenzylphthalate
Concen: 2.526 ng/ul
RT: 20.573 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Instrument :
BNA_G
ClientSampleId :
BH668

Tgt Ion:149 Resp: 10665

Ion	Ratio	Lower	Upper
149	100		
91	85.8	54.8	82.2#
206	24.2	19.4	29.0

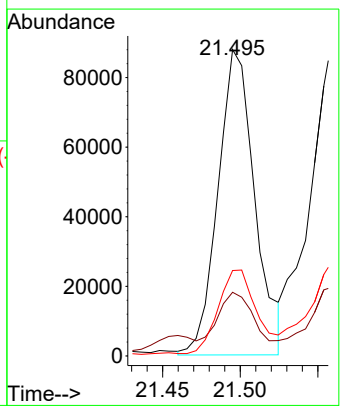


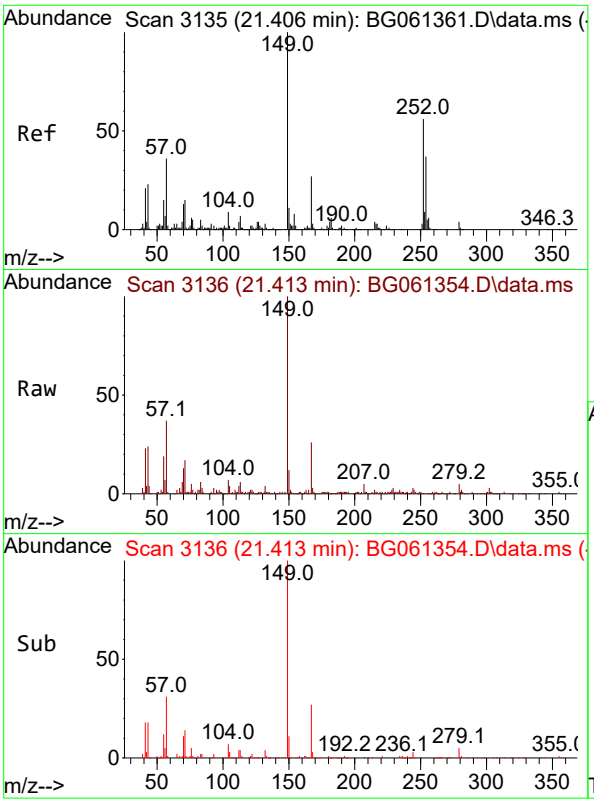


#85
Benzo(a)anthracene
Concen: 10.931 ng/ul
RT: 21.495 min Scan# 3150
Delta R.T. 0.001 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Tgt Ion:228 Resp: 144995

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.2	22.8
226	27.9	21.4	32.2



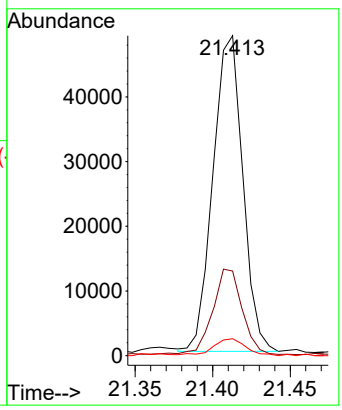


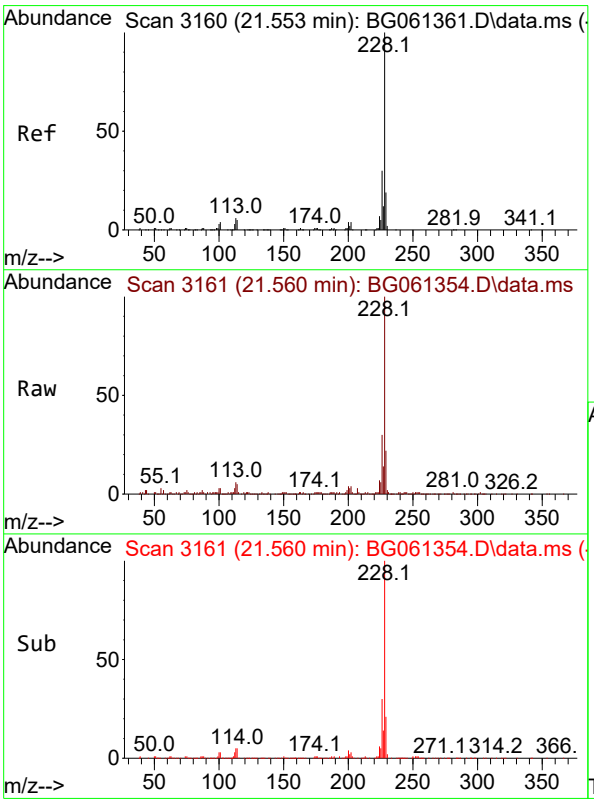
#86
Bis(2-ethylhexyl)phthalate
Concen: 10.450 ng/ul
RT: 21.413 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Instrument :
BNA_G
ClientSampleId :
BH668

Tgt Ion:149 Resp: 65312

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.1	31.7
279	5.3	3.3	4.9#

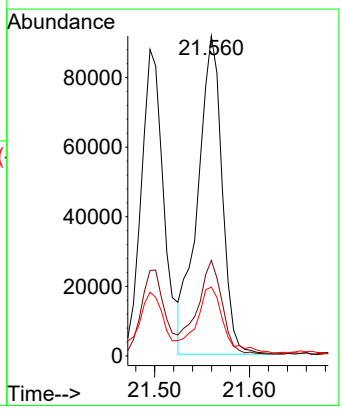


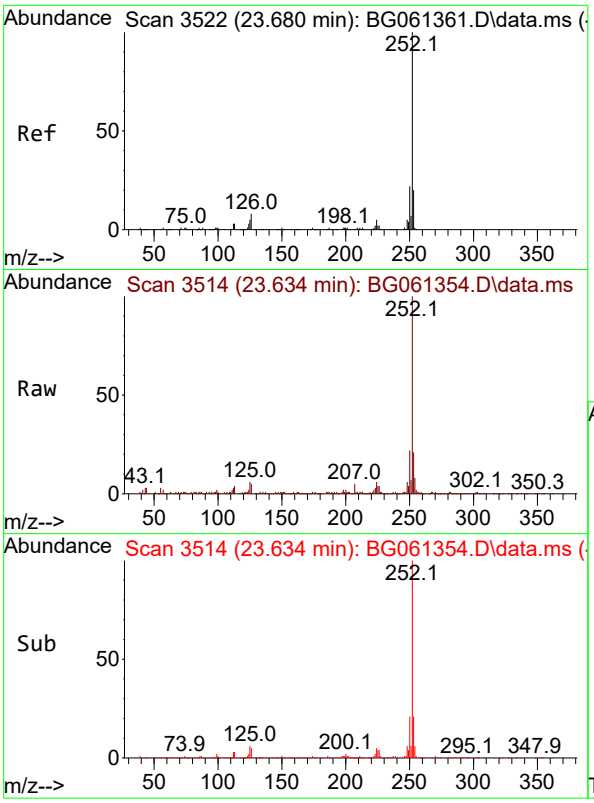


#87
Chrysene
Concen: 13.404 ng/ul
RT: 21.560 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Tgt Ion:228 Resp: 163707

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	21.5	15.4	23.2



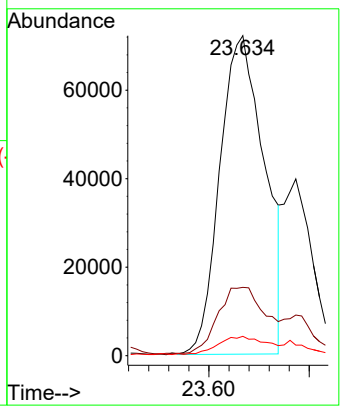


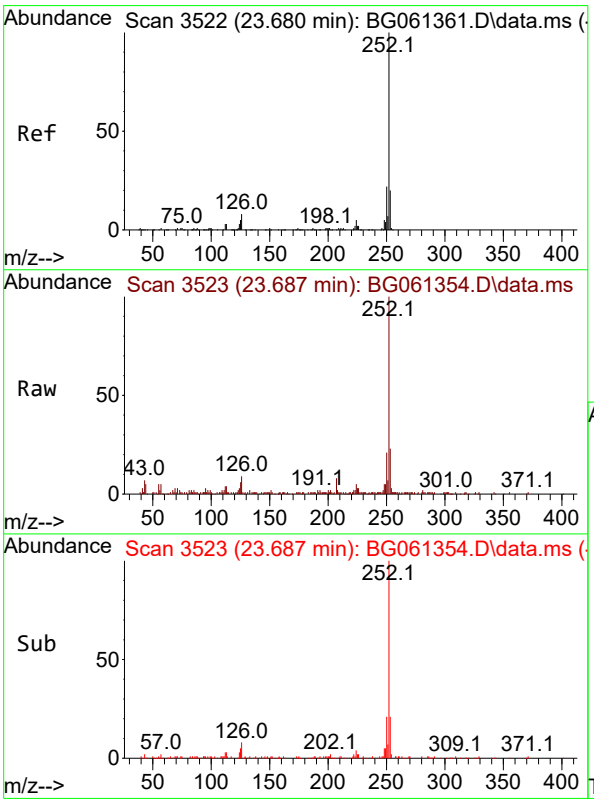
#90
Benzo(b)fluoranthene
Concen: 17.665 ng/ul
RT: 23.634 min Scan# 3
Delta R.T. 0.018 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Instrument :
BNA_G
ClientSampleId :
BH668

Tgt Ion:252 Resp: 222393

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	6.0	4.6	6.8

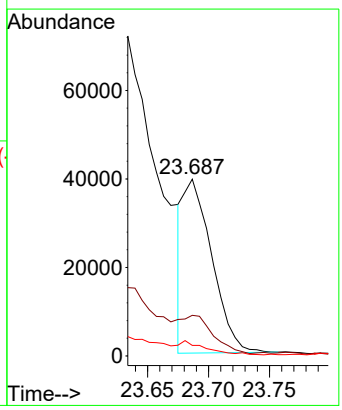


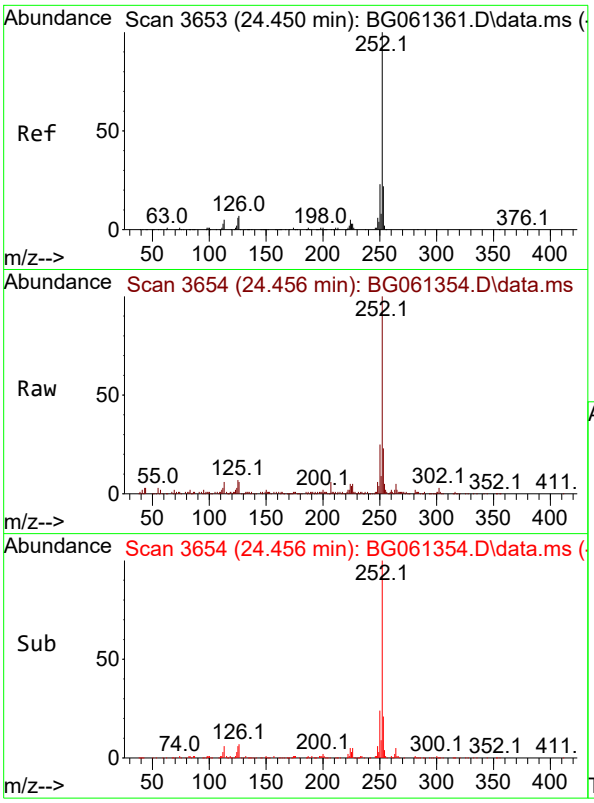


#91
Benzo(k)fluoranthene
Concen: 5.043 ng/ul
RT: 23.687 min Scan# 3523
Delta R.T. 0.006 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Tgt Ion:252 Resp: 64456

Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.0	24.0
125	6.0	4.3	6.5



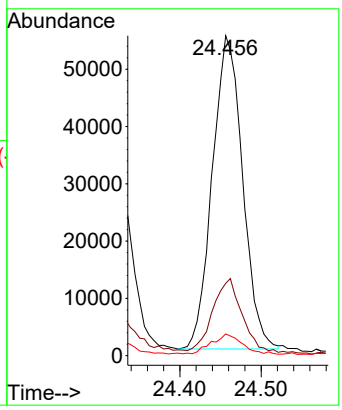


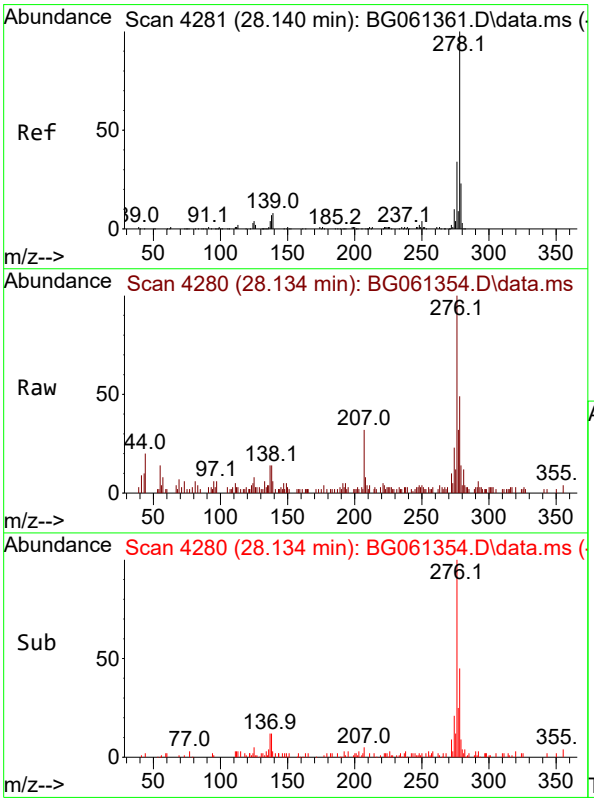
#93
Benzo(a)pyrene
Concen: 11.819 ng/ul
RT: 24.456 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Instrument :
BNA_G
ClientSampleId :
BH668

Tgt Ion:252 Resp: 141286

Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.4	24.6
125	6.8	4.3	6.5#

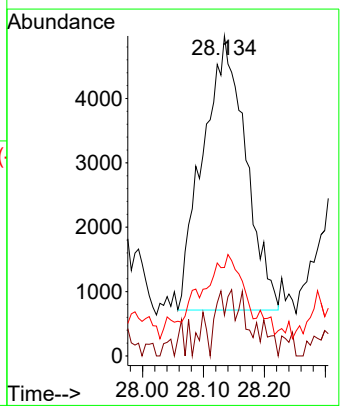


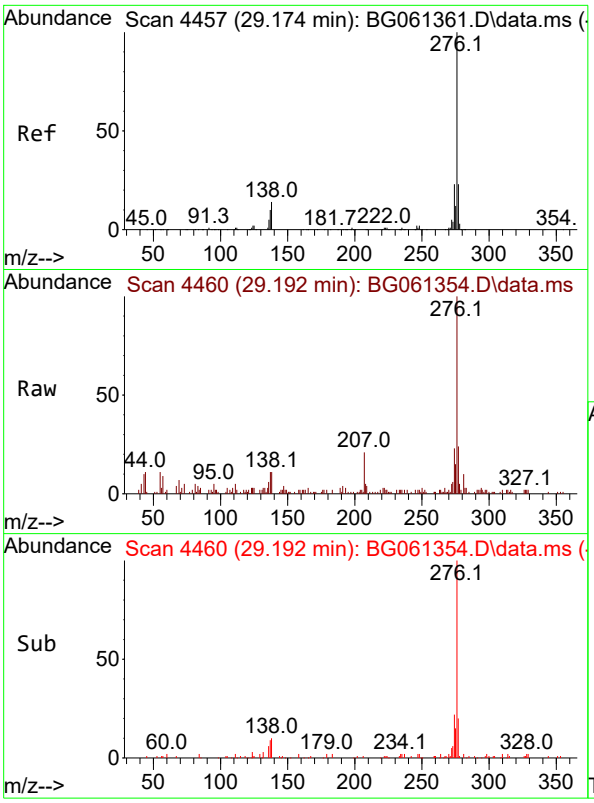


#95
Dibenzo(a,h)anthracene
Concen: 1.742 ng/ul
RT: 28.134 min Scan# 4280
Delta R.T. -0.005 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Tgt Ion:278 Resp: 20765

Ion	Ratio	Lower	Upper
278	100		
139	12.8	6.4	9.6#
279	27.7	19.9	29.9





#96
Benzo(g,h,i)perylene
Concen: 5.891 ng/ul
RT: 29.192 min Scan# 4
Delta R.T. 0.018 min
Lab File: BG061354.D
Acq: 30 May 2024 9:04

Instrument :
BNA_G
ClientSampleId :
BH668

Tgt Ion:276 Resp: 67752

Ion	Ratio	Lower	Upper
276	100		
138	11.4	8.7	13.1
277	23.5	18.2	27.2