Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
Data File : BG061509.D
Acq On : 6 Jun 2024 14:16
Operator : MA/JU
Sample : P2635-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 06 23:19:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BHBY9

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.882	152	32201	20.000	ng/ul	0.00
20) Naphthalene-d8	10.673	136	115028	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.509	164	80391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	183166	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	197087	20.000	ng/ul	0.00
88) Perylene-d12	24.615	264	227909	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	2154m	3.743	ng/uL	0.01
4) Pyridine-d5	3.775	84	5802m	2.834	ng/ul	0.00
7) Phenol-d5	7.071	99	41920	15.853	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	29971	18.032	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	39103	19.981	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	32450	14.391	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	19779	22.333	ng/ul	0.00
24) 2-Nitrophenol-d4	9.756	143	22766	21.964	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	43303	21.430	ng/ul	0.00
31) 4-Chloroaniline-d4	10.808	131	34418	13.019	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	137463	22.047	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	148676	22.936	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	13430	17.423	ng/ul	0.00
60) Fluorene-d10	15.508	176	117266	21.785	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	14292	12.901	ng/ul	0.00
73) Anthracene-d10	17.365	188	185293	22.946	ng/ul	0.00
81) Pyrene-d10	19.656	212	212405	20.990	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.404	264	191222	17.452	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.705	105	5306	1.379	ng/ul#	84
72) Phenanthrene	17.306	178	52975	5.959	ng/ul	96
74) Anthracene	17.394	178	9377m	1.020	ng/ul	
80) Fluoranthene	19.321	202	182029	14.995	ng/ul	99
82) Pyrene	19.686	202	146302	11.610	ng/ul	98
85) Benzo(a)anthracene	21.501	228	98468	7.241	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.407	149	11255	1.757	ng/ul#	88
87) Chrysene	21.566	228	114582	9.151	ng/ul	96
90) Benzo(b)fluoranthene	23.640	252	155116	11.431	ng/ul	100
91) Benzo(k)fluoranthene	23.699	252	63155m	4.585	ng/ul	
93) Benzo(a)pyrene	24.468	252	67977	5.276	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.123	276	64856	4.162	ng/ul	94
95) Dibenzo(a,h)anthracene	28.176	278	23104m	1.798	ng/ul	

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

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Quant Time: Jun 06 23:19:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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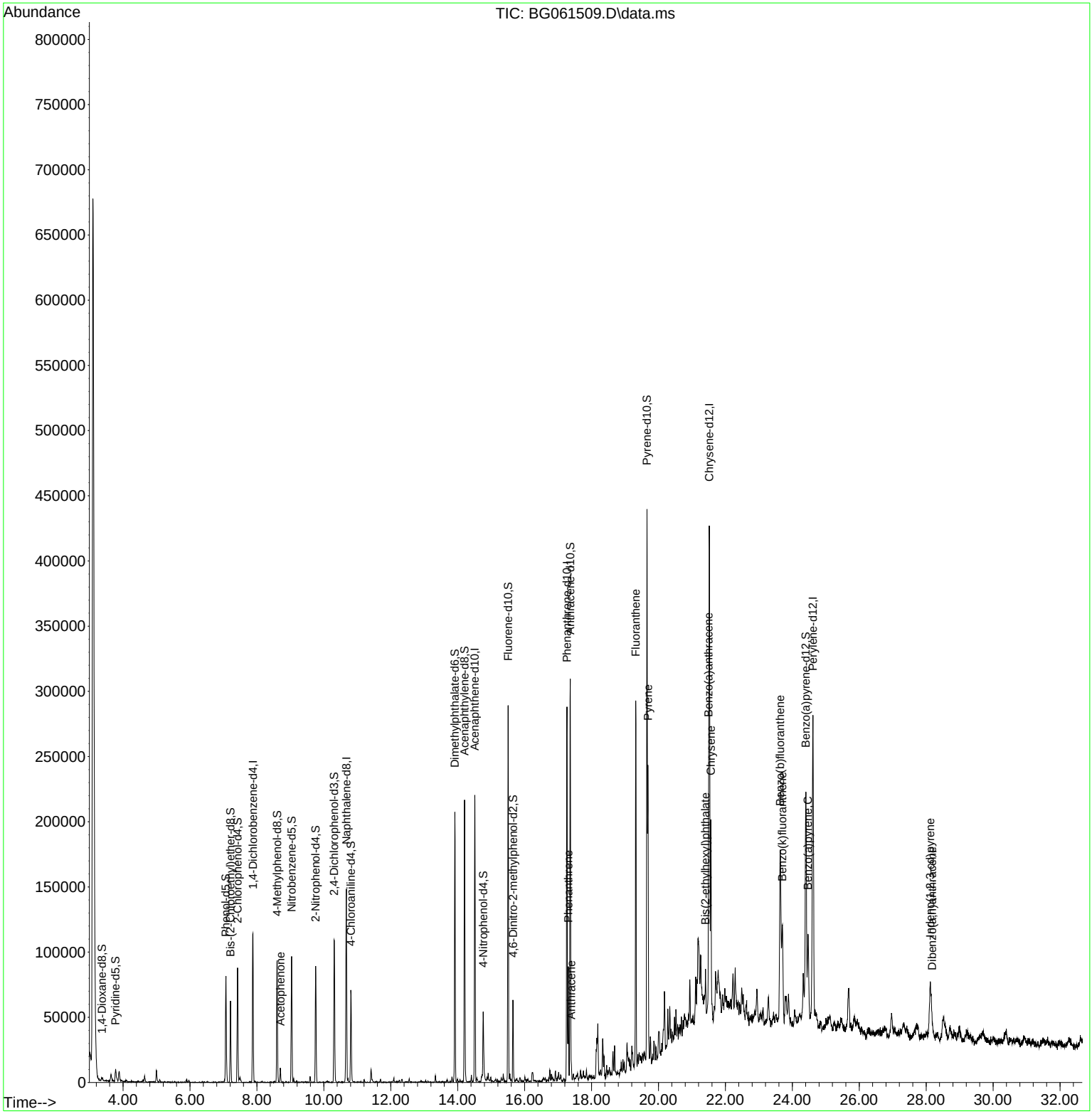
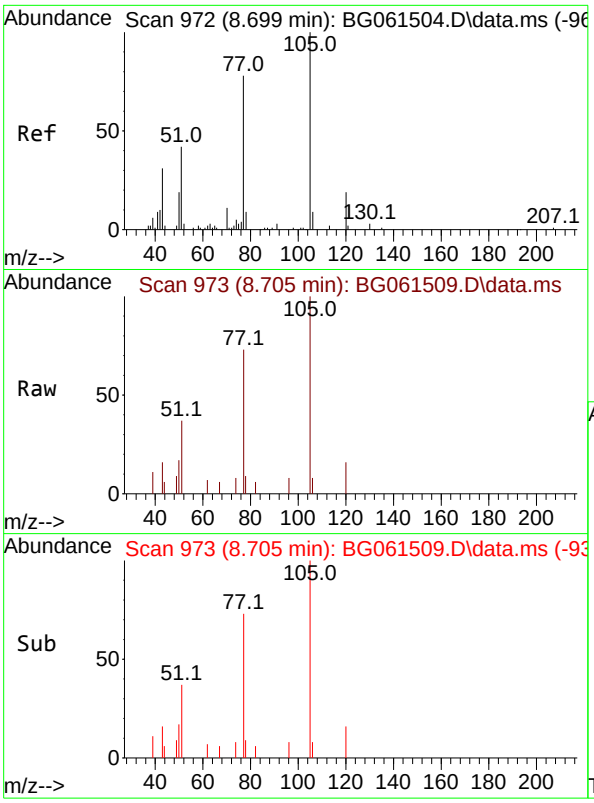
Supervised By :mohammad ahmed 06/08/2024

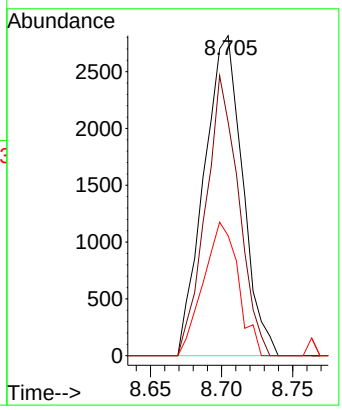




#16
Acetophenone
Concen: 1.379 ng/ul
RT: 8.705 min Scan# 9
Delta R.T. 0.006 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:105 Resp: 530

Ion	Ratio	Lower	Upper
105	100		
77	73.0	70.4	105.6
51	37.5	38.4	57.6



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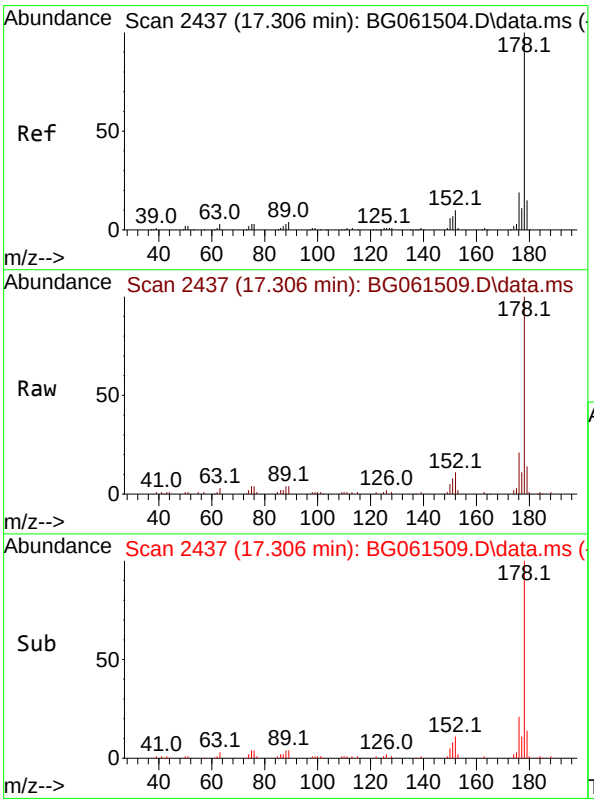
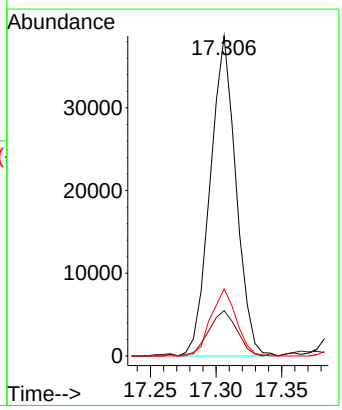
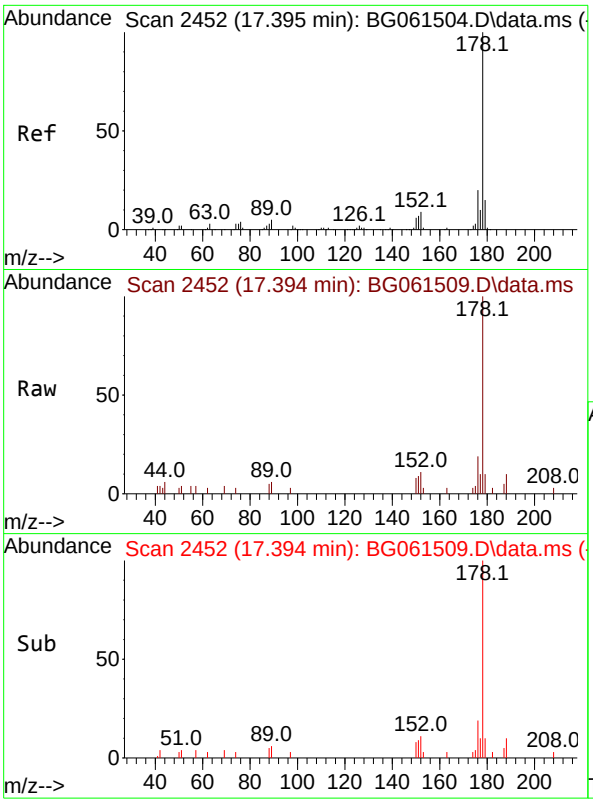


#72
Phenanthrene
Concen: 5.959 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:178 Resp: 52975

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.7	19.1
176	20.9	15.5	23.3

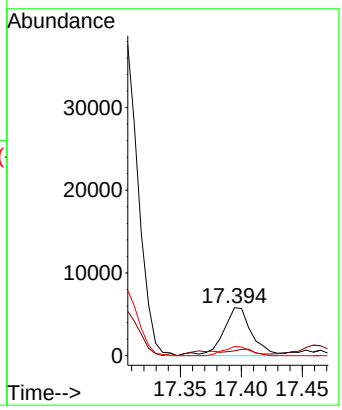




#74
Anthracene
Concen: 1.020 ng/ul m
RT: 17.394 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:178 Resp: 937

Ion	Ratio	Lower	Upper
178	100		
179	9.9	11.8	17.6
176	19.4	14.9	22.3



Instrument :
BNA_G
ClientSampleId :
BHBY9

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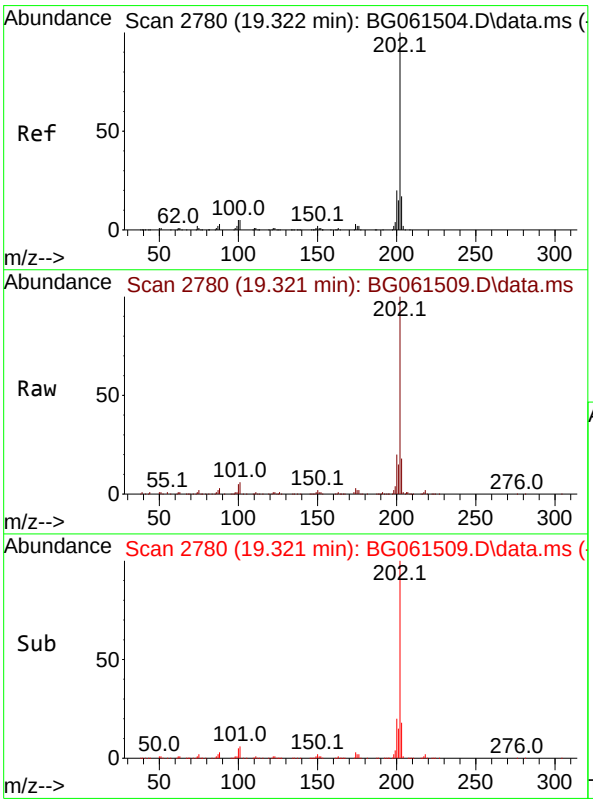
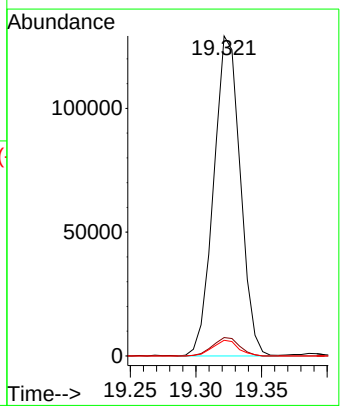
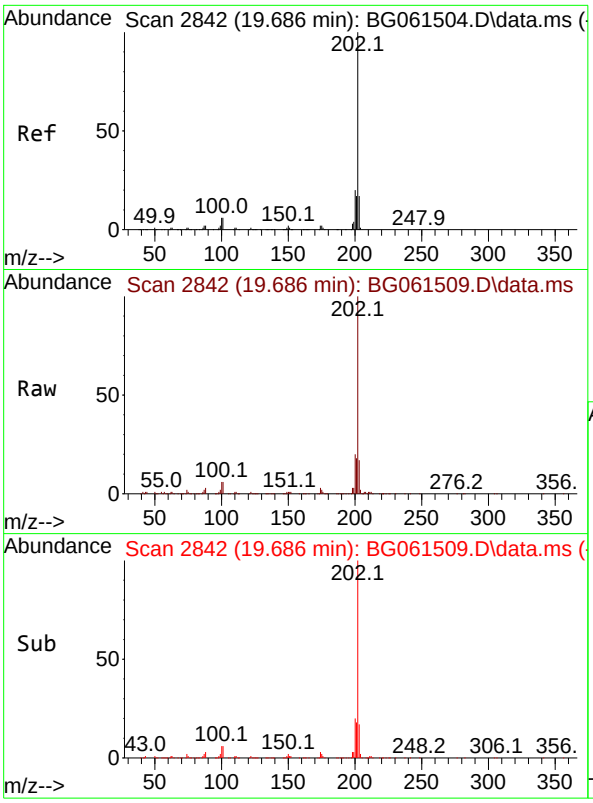


#80
Fluoranthene
Concen: 14.995 ng/ul
RT: 19.321 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:202 Resp: 182029

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.8	7.2
100	4.9	4.1	6.1





#82
Pyrene
Concen: 11.610 ng/ul
RT: 19.686 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:202 Resp: 14630

Ion	Ratio	Lower	Upper
202	100		
101	5.9	5.7	8.5
100	5.9	5.1	7.7

Instrument :
BNA_G
ClientSampleId :
BHBY9

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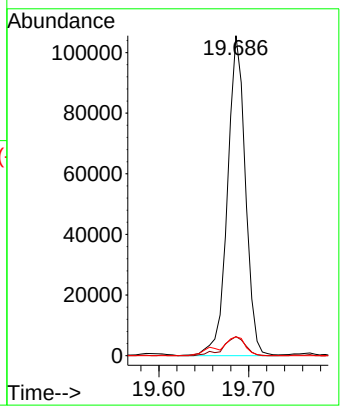
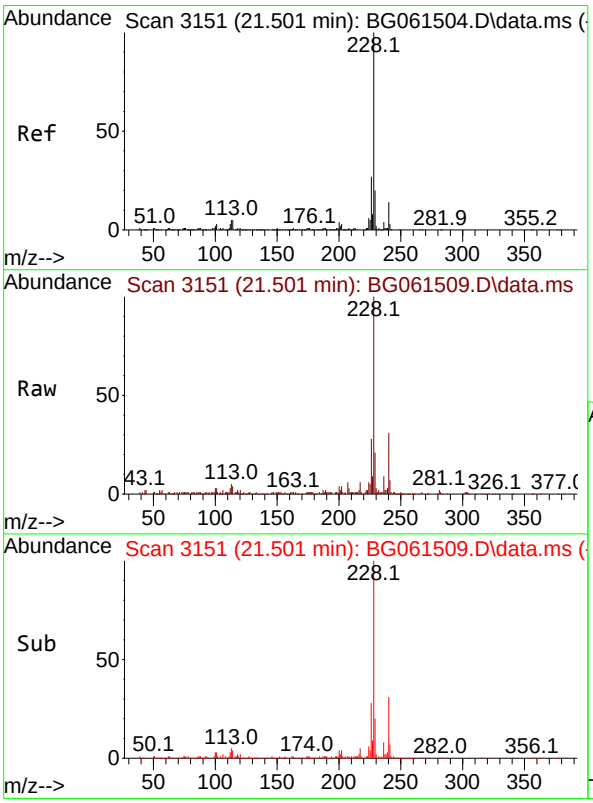
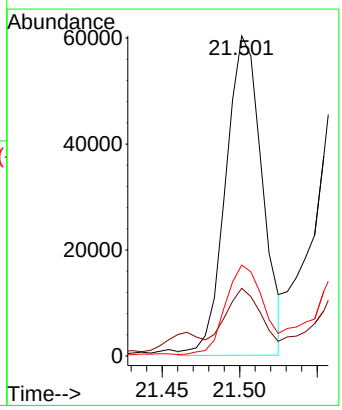


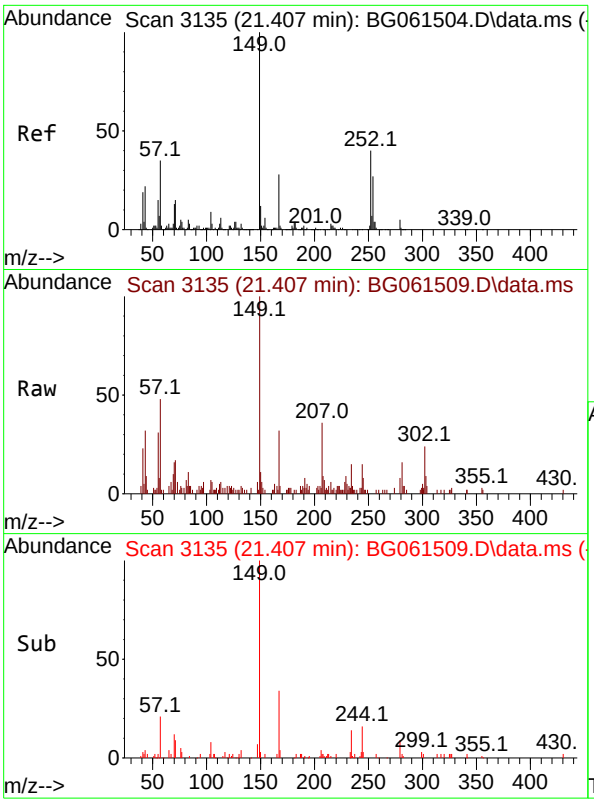


#85
Benzo(a)anthracene
Concen: 7.241 ng/ul
RT: 21.501 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:228 Resp: 98468

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.2	22.8
226	28.4	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.757 ng/ul
RT: 21.407 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:149 Resp: 1125

Ion	Ratio	Lower	Upper
149	100		
167	32.3	21.1	31.7#
279	8.3	3.3	4.9#

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BNA_G
ClientSampleId :
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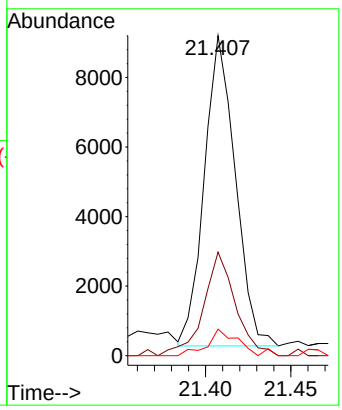
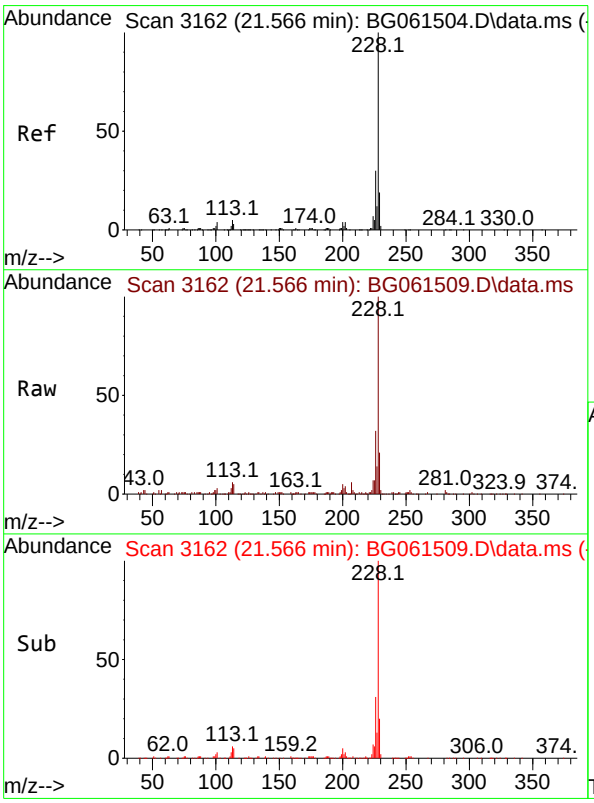
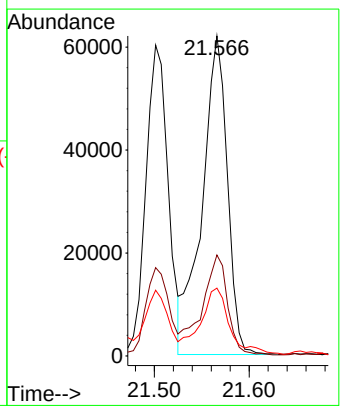


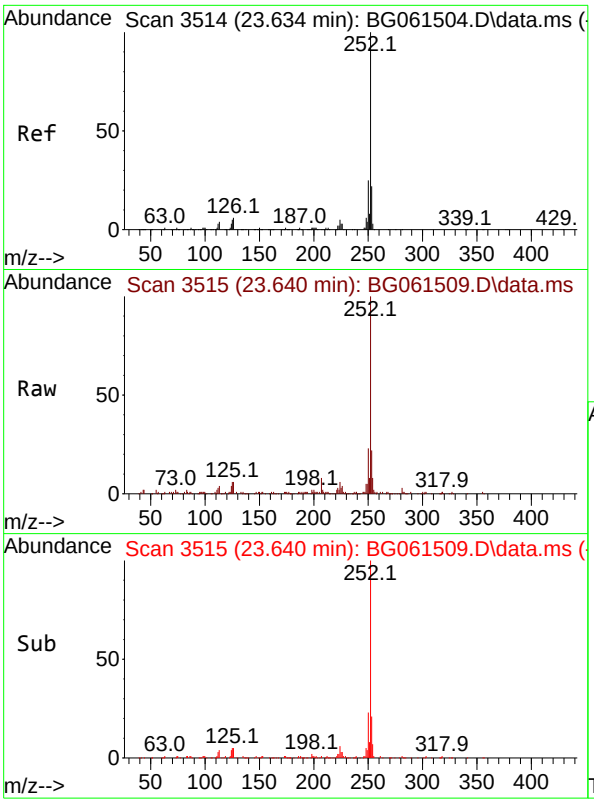


#87
Chrysene
Concen: 9.151 ng/ul
RT: 21.566 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:228 Resp: 114582

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.0
229	21.2	15.4	23.2

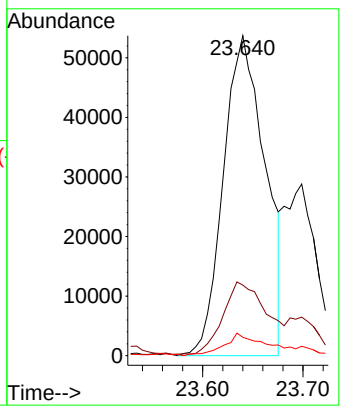




#90
Benzo(b)fluoranthene
Concen: 11.431 ng/ul
RT: 23.640 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:252 Resp: 15511

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	5.7	4.6	6.8



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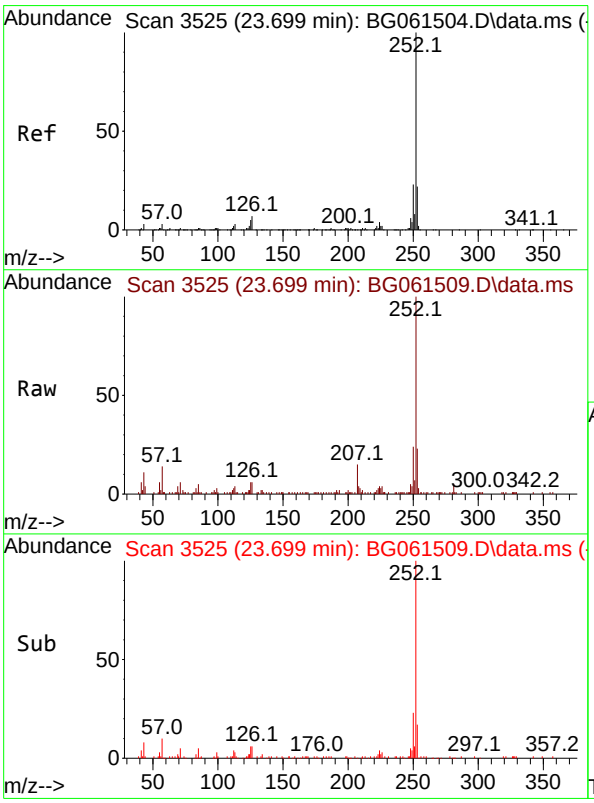
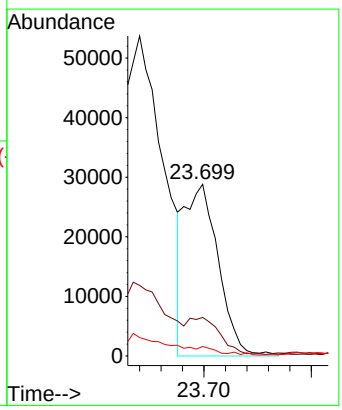
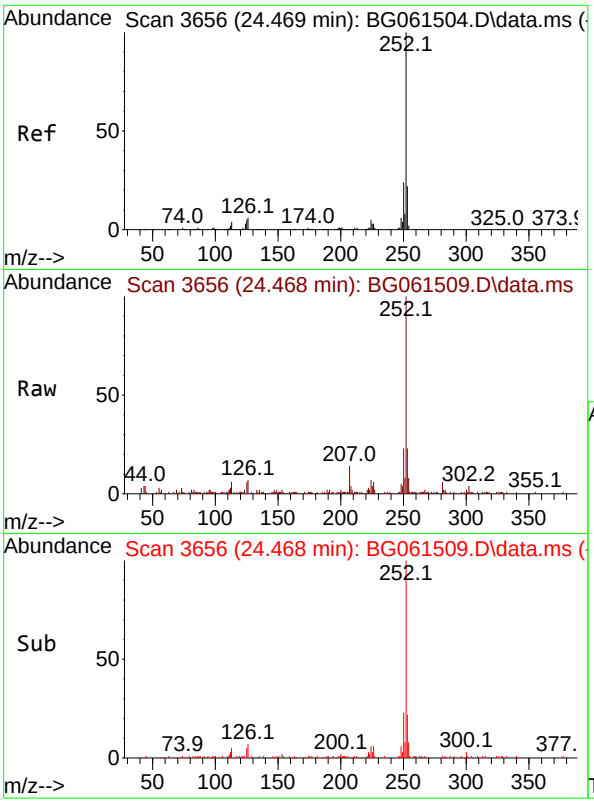


#91
Benzo(k)fluoranthene
Concen: 4.585 ng/ul m
RT: 23.699 min Scan# 3525
Delta R.T. -0.000 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:252 Resp: 63155

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.0	24.0
125	5.5	4.3	6.5

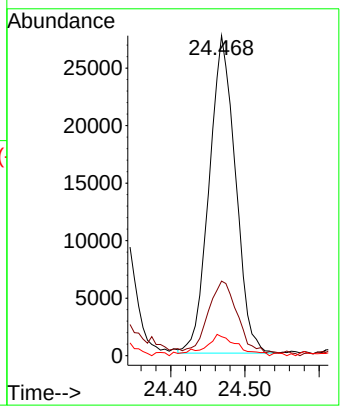




#93
Benzo(a)pyrene
Concen: 5.276 ng/ul
RT: 24.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:252 Resp: 6797

Ion	Ratio	Lower	Upper
252	100		
253	23.3	16.4	24.6
125	5.9	4.3	6.5



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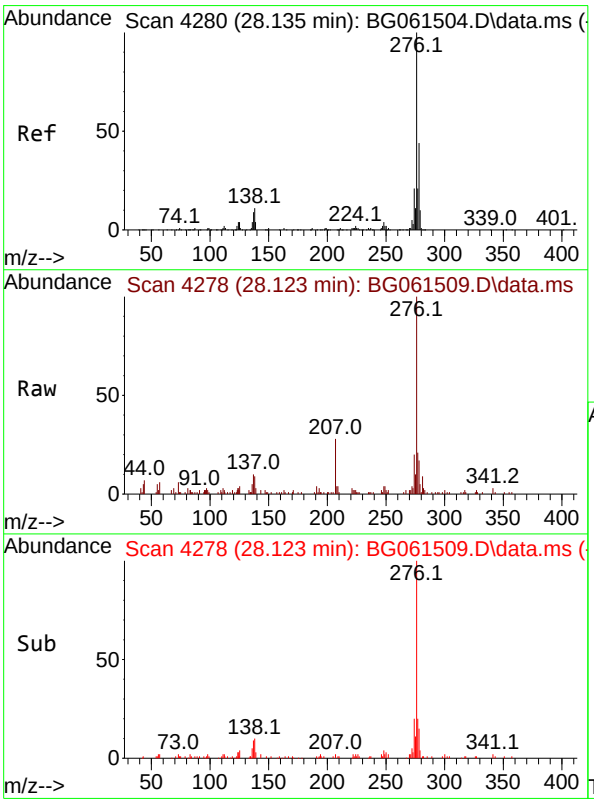
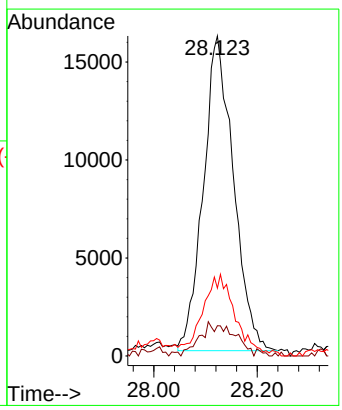
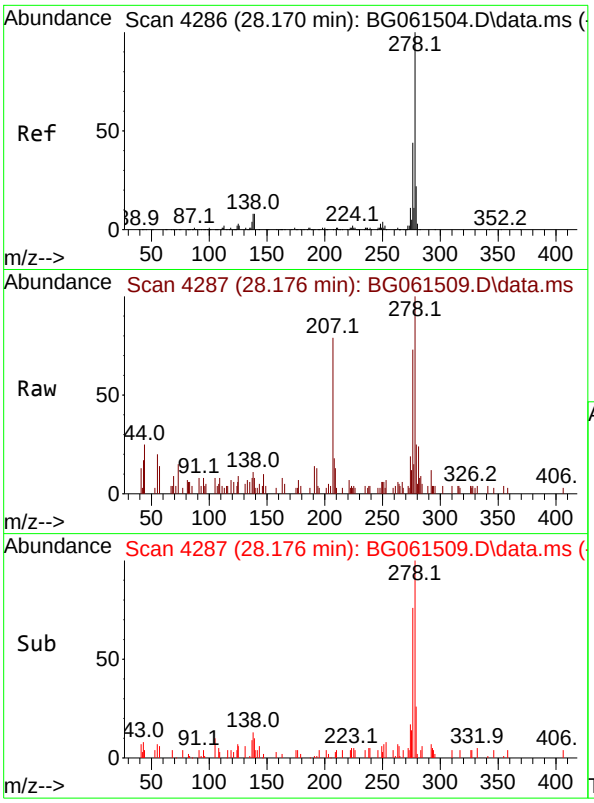


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.162 ng/ul
RT: 28.123 min Scan# 4278
Delta R.T. -0.012 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:276 Resp: 64856

Ion	Ratio	Lower	Upper
276	100		
138	9.4	8.6	13.0
277	21.2	19.7	29.5

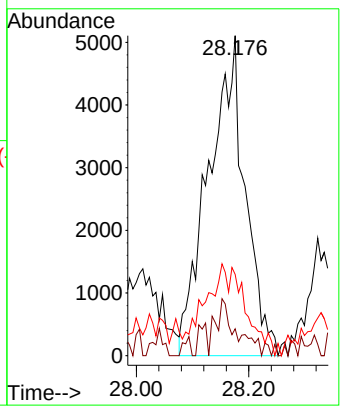




#95
Dibenzo(a,h)anthracene
Concen: 1.798 ng/ul m
RT: 28.176 min Scan# 4
Delta R.T. 0.006 min
Lab File: BG061509.D
Acq: 6 Jun 2024 14:16

Tgt Ion:278 Resp: 2310

Ion	Ratio	Lower	Upper
278	100		
139	8.4	6.4	9.6
279	25.4	19.9	29.9



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