Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059295.D
Acq On : 5 Oct 2023 14:00
Operator : MA/JU
Sample : 04527-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYY8

Quant Time: Oct 05 22:38:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	30937	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	145420	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.863	164	88482	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.613	188	195200	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.914	240	165993	20.000	ng/ul	0.00
88) Perylene-d12	25.404	264	195106	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	4458	5.439	ng/uL	0.00
4) Pyridine-d5	3.970	84	8000	3.345	ng/ul	0.00
7) Phenol-d5	7.361	99	48780	15.752	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	35963	18.179	ng/ul	0.00
11) 2-Chlorophenol-d4	7.748	132	28119	13.508	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	36615	15.296	ng/ul	0.00
21) Nitrobenzene-d5	9.429	128	23483	22.884	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	8483	8.421	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	12953	6.259	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	63872	19.077	ng/ul	0.00
46) Dimethylphthalate-d6	14.258	166	144908	22.652	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	188617	23.490	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.851	176	145832	23.951	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.713	188	194216	21.836	ng/ul	0.00
81) Pyrene-d10	19.987	212	249995	26.893	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.157	264	243985	26.023	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.076	105	15567	4.199	ng/ul	99
30) Naphthalene	11.127	128	13290	1.705	ng/ul#	93
72) Phenanthrene	17.654	178	61439	5.735	ng/ul	98
74) Anthracene	17.654	178	61439	5.554	ng/ul	98
80) Fluoranthene	19.652	202	111394	9.728	ng/ul	97
82) Pyrene	20.016	202	77906	6.423	ng/ul	96
85) Benzo(a)anthracene	21.896	228	52863	4.524	ng/ul	98
87) Chrysene	21.961	228	95626	8.665	ng/ul	99
90) Benzo(b)fluoranthene	24.264	252	135266	11.319	ng/ul#	96
91) Benzo(k)fluoranthene	24.335	252	41400	3.419	ng/ul#	90
93) Benzo(a)pyrene	25.228	252	63786	5.627	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	29.405	276	33672	2.624	ng/ul	97
96) Benzo(g,h,i)perylene	30.692	276	43286	4.149	ng/ul	97

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

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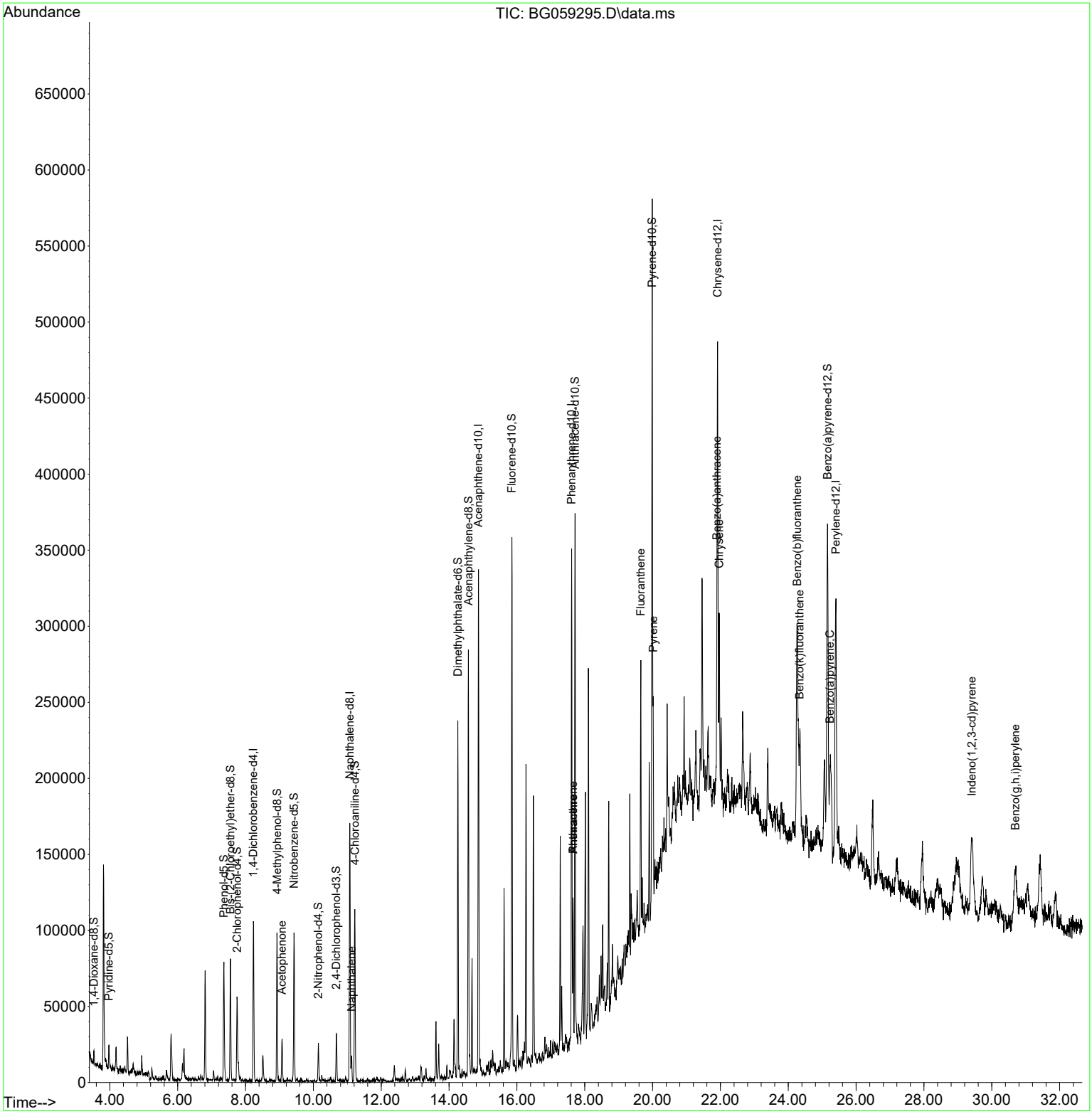
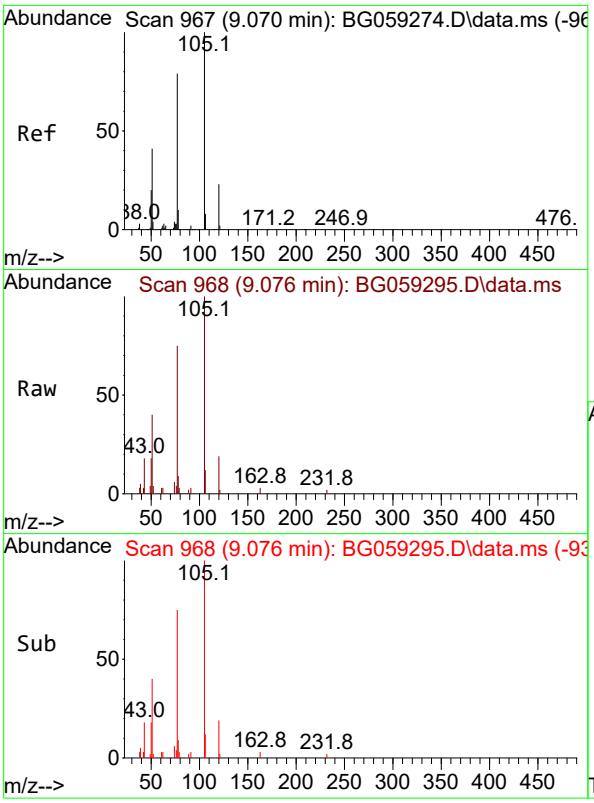


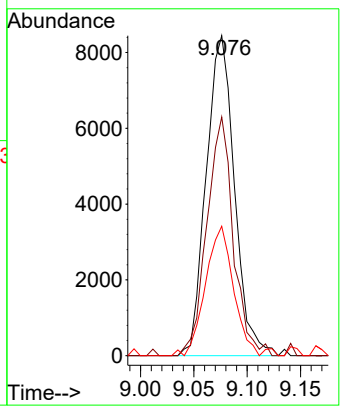


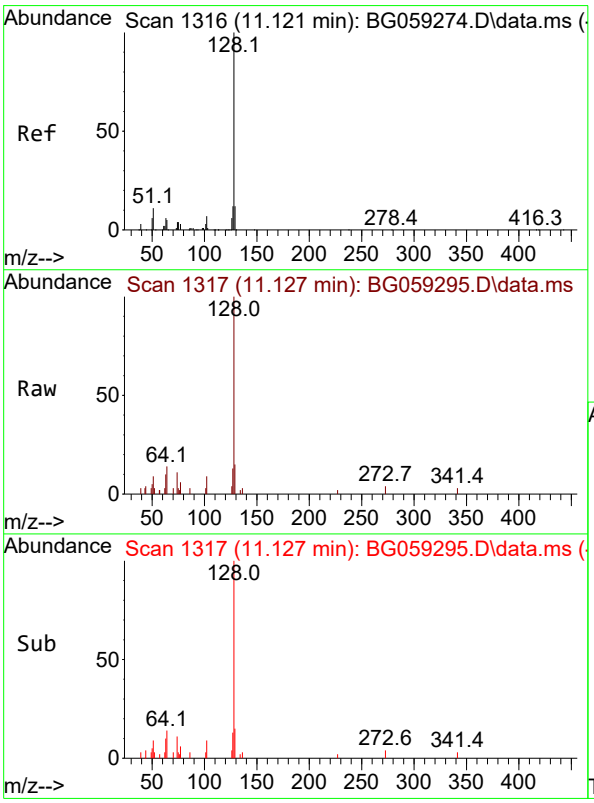
#16
Acetophenone
Concen: 4.199 ng/ul
RT: 9.076 min Scan# 9
Delta R.T. -0.001 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Instrument :
BNA_G
ClientSampleId :
EZYY8

Tgt Ion:105 Resp: 15567

Ion	Ratio	Lower	Upper
105	100		
77	74.6	58.8	88.2
51	40.4	32.6	48.8

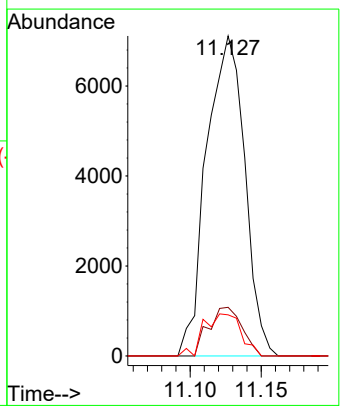


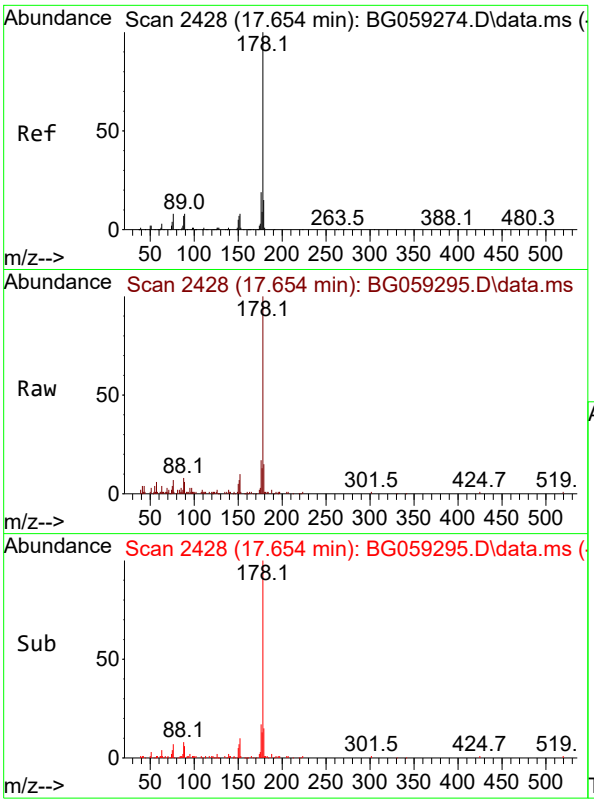


#30
Naphthalene
Concen: 1.705 ng/ul
RT: 11.127 min Scan# 1317
Delta R.T. -0.001 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Tgt Ion:128 Resp: 13290

Ion	Ratio	Lower	Upper
128	100		
129	15.2	8.0	12.0#
127	12.9	11.1	16.7



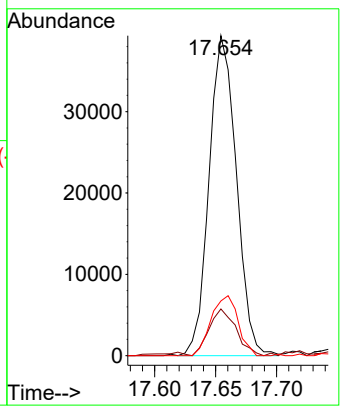


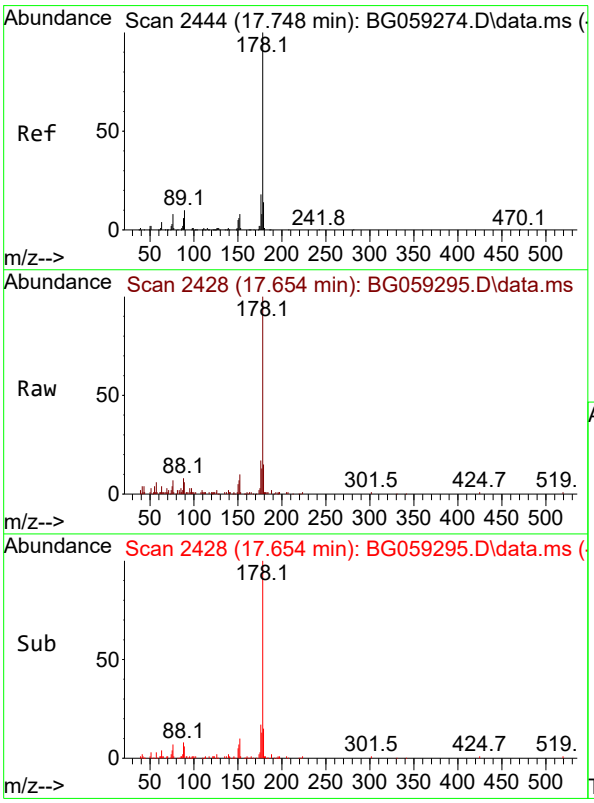
#72
Phenanthrene
Concen: 5.735 ng/ul
RT: 17.654 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Instrument :
BNA_G
ClientSampleId :
EZYY8

Tgt Ion:178 Resp: 61439

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	17.1	14.6	21.8

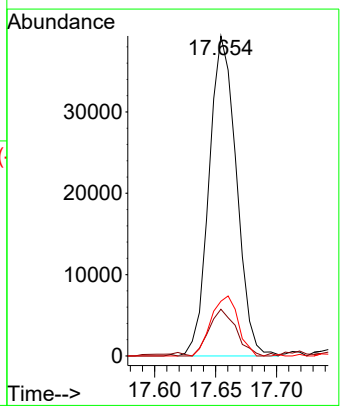


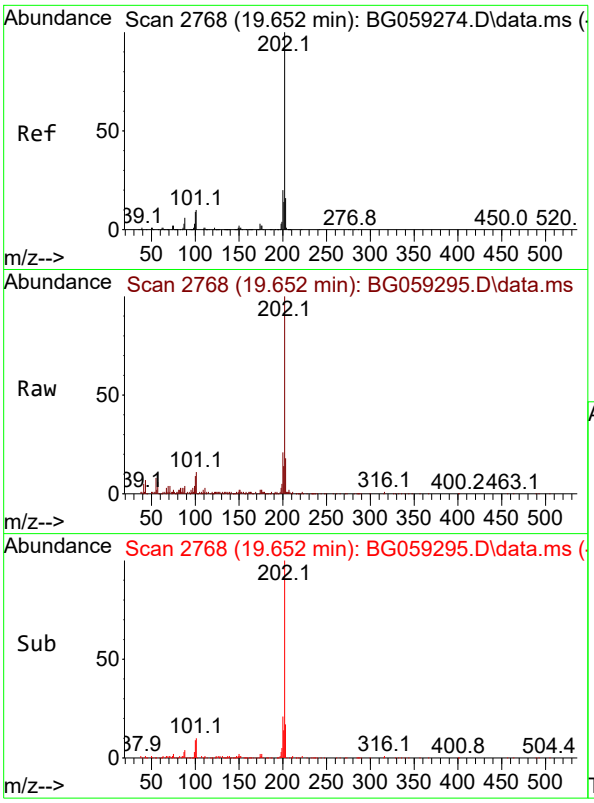


#74
Anthracene
Concen: 5.554 ng/ul
RT: 17.654 min Scan# 2428
Delta R.T. -0.101 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Tgt Ion:178 Resp: 61439

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.0	18.0
176	17.1	14.5	21.7



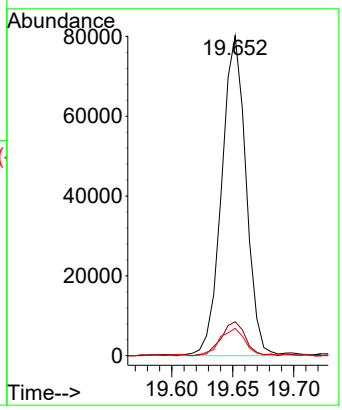


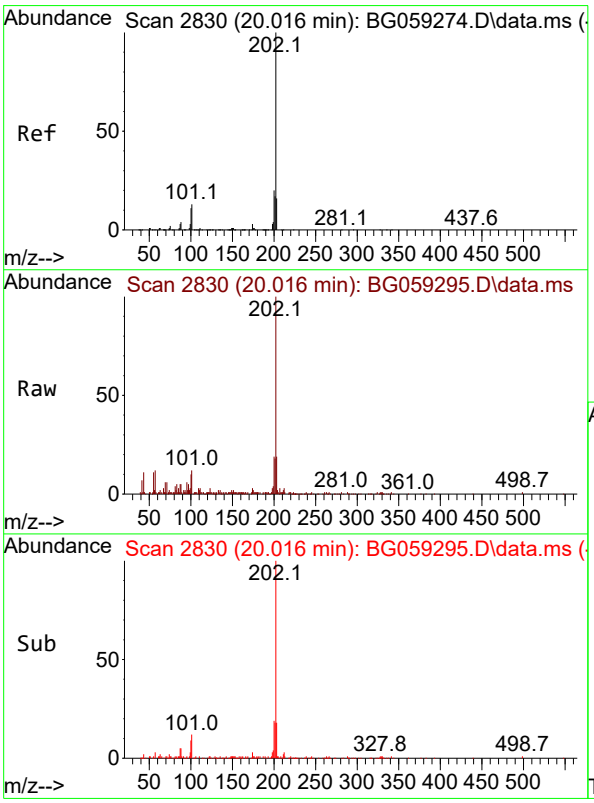
#80
Fluoranthene
Concen: 9.728 ng/ul
RT: 19.652 min Scan# 2
Delta R.T. -0.007 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Instrument :
BNA_G
ClientSampleId :
EZYY8

Tgt Ion:202 Resp: 111394

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.2	12.4
100	8.5	8.2	12.2

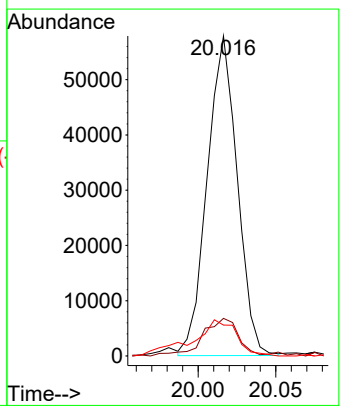


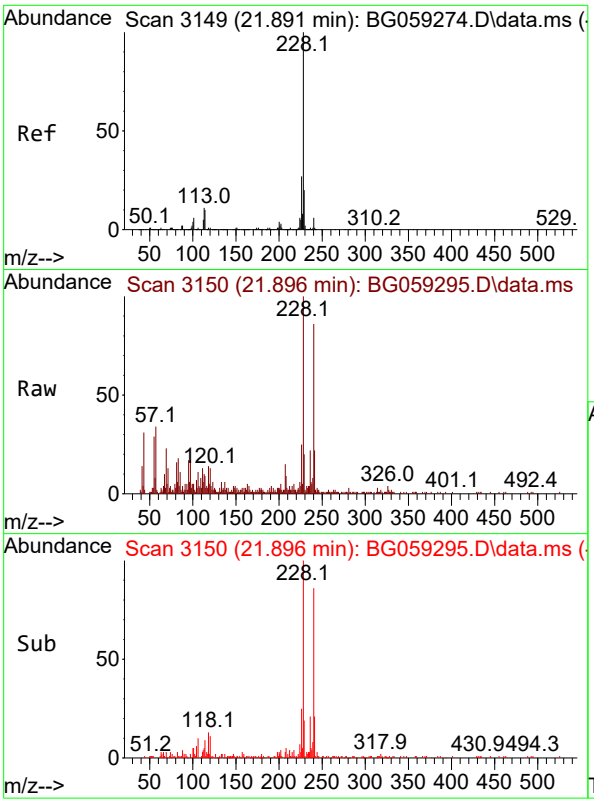


#82
Pyrene
Concen: 6.423 ng/ul
RT: 20.016 min Scan# 2830
Delta R.T. -0.007 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Tgt Ion:202 Resp: 77906

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.2	15.4
100	9.7	9.6	14.4



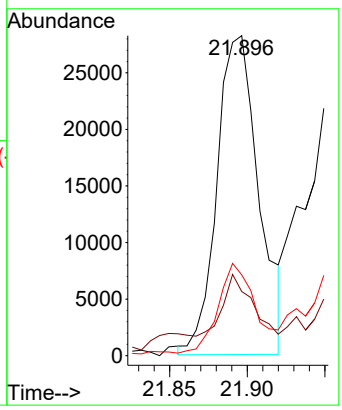


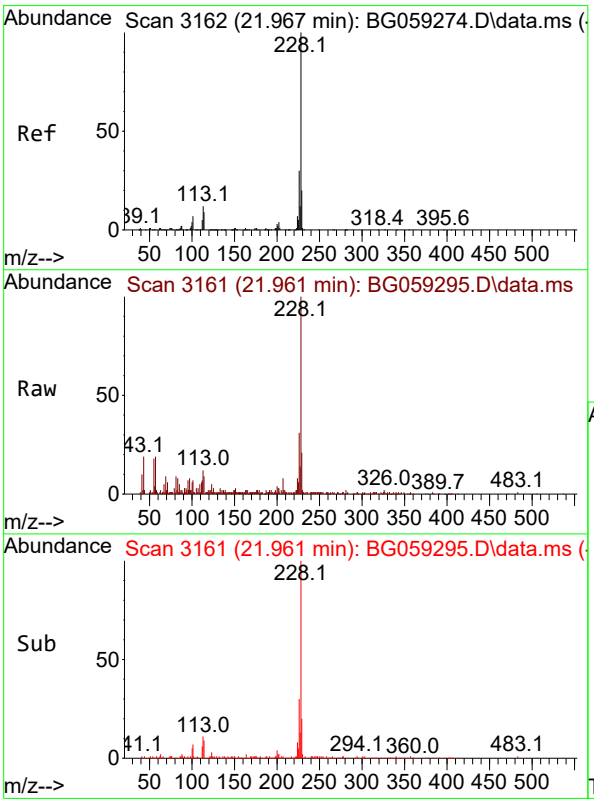
#85
Benzo(a)anthracene
Concen: 4.524 ng/ul
RT: 21.896 min Scan# 3
Delta R.T. -0.007 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Instrument :
BNA_G
ClientSampleId :
EZYY8

Tgt Ion:228 Resp: 52863

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.5	23.3
226	25.2	21.4	32.2

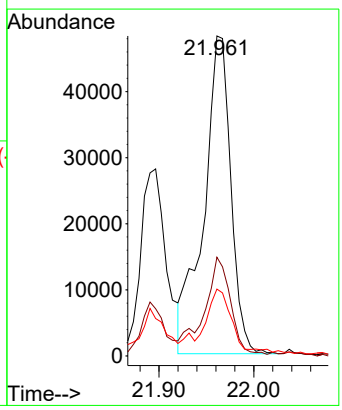


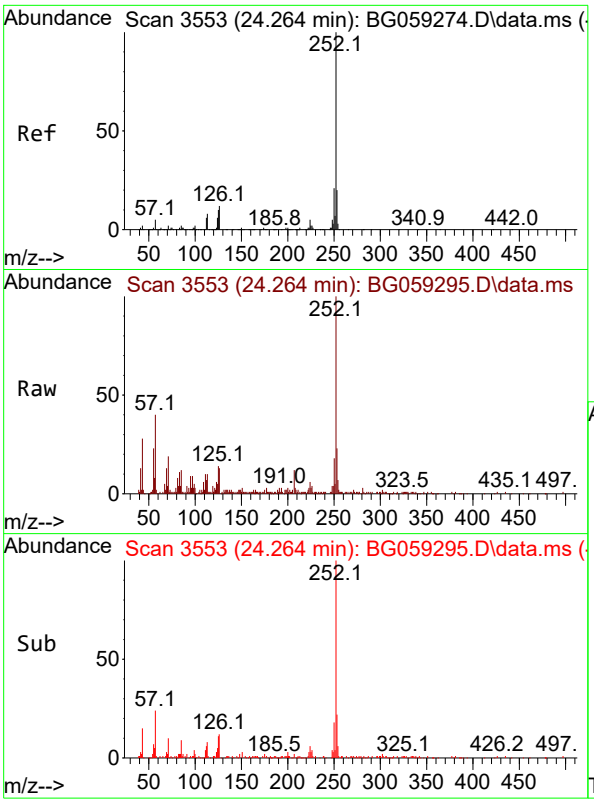


#87
Chrysene
Concen: 8.665 ng/ul
RT: 21.961 min Scan# 3161
Delta R.T. -0.013 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Tgt Ion:228 Resp: 95626

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	20.9	16.2	24.2



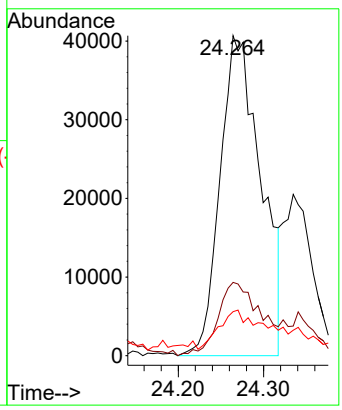


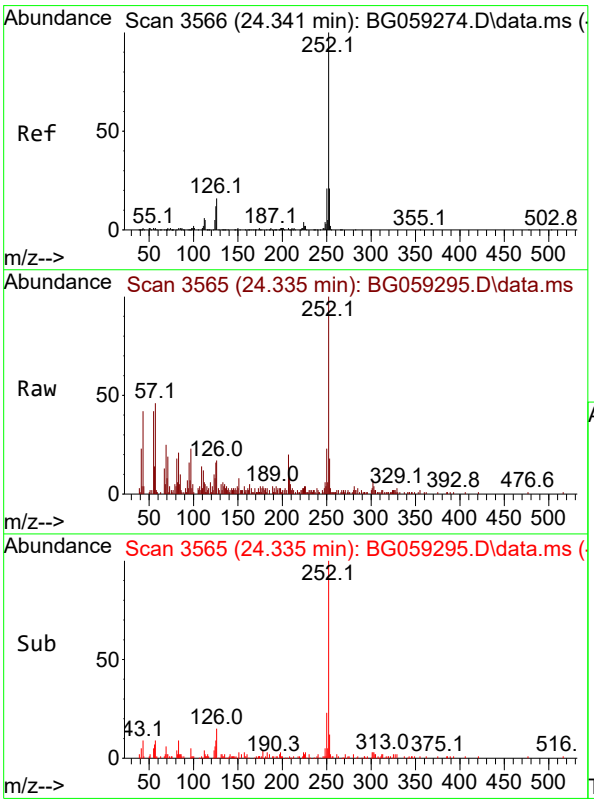
#90
Benzo(b)fluoranthene
Concen: 11.319 ng/ul
RT: 24.264 min Scan# 3
Delta R.T. -0.019 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Instrument :
BNA_G
ClientSampleId :
EZYY8

Tgt Ion:252 Resp: 135266

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.7	8.1	12.1#

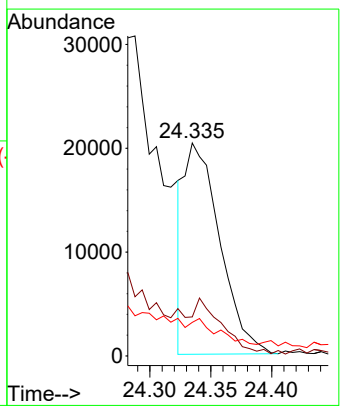


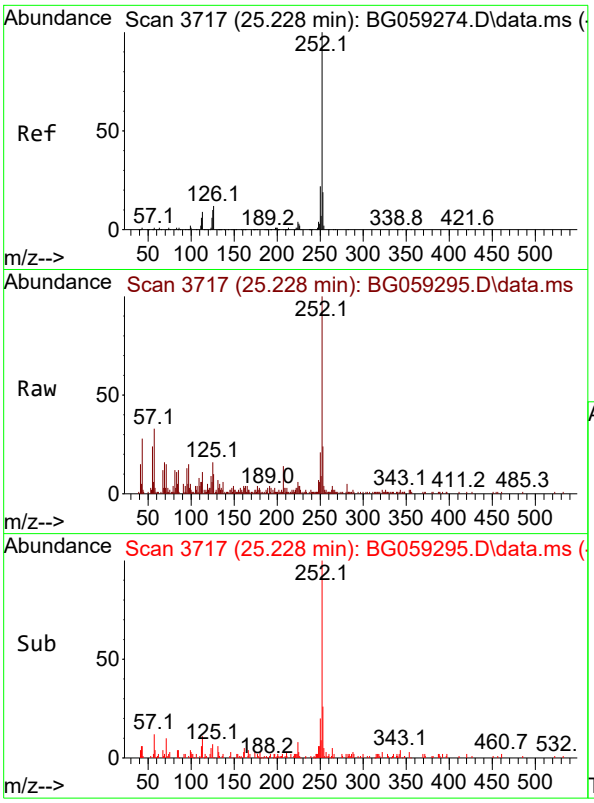


#91
Benzo(k)fluoranthene
Concen: 3.419 ng/ul
RT: 24.335 min Scan# 3565
Delta R.T. -0.025 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Tgt Ion:252 Resp: 41400

Ion	Ratio	Lower	Upper
252	100		
253	18.4	17.6	26.4
125	15.8	8.1	12.1#



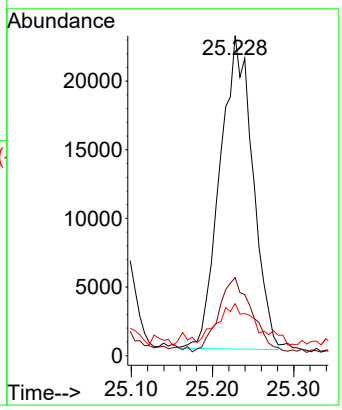


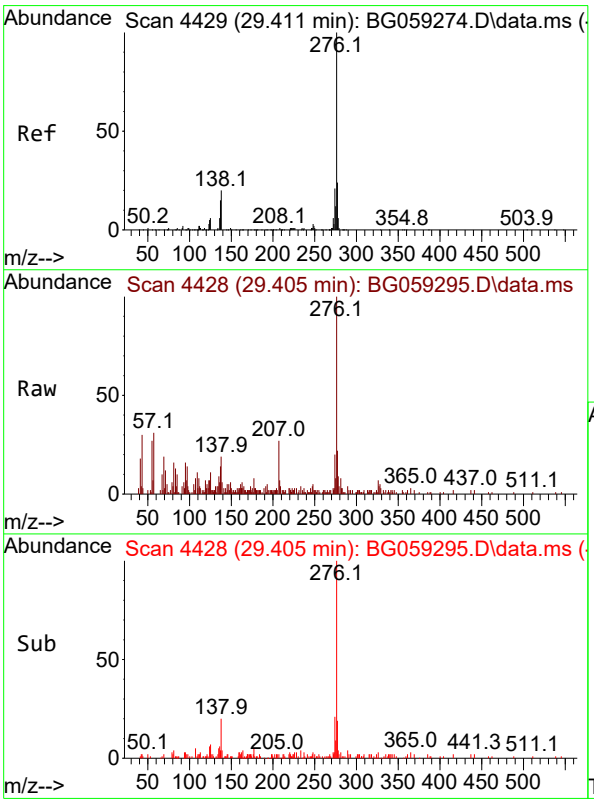
#93
Benzo(a)pyrene
Concen: 5.627 ng/ul
RT: 25.228 min Scan# 3
Delta R.T. -0.013 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Instrument :
BNA_G
ClientSampleId :
EZYY8

Tgt Ion:252 Resp: 63786

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	16.3	9.4	14.0#

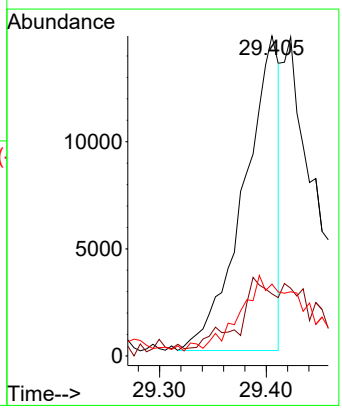


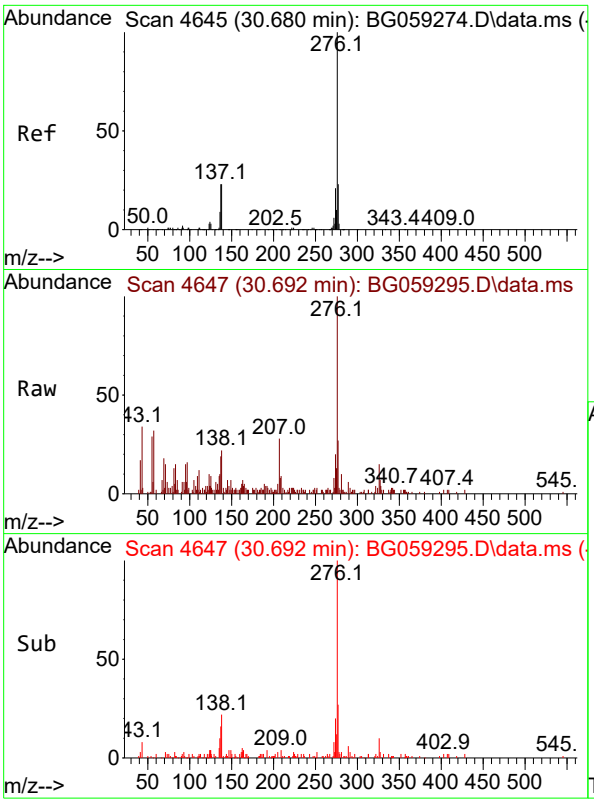


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.624 ng/ul
RT: 29.405 min Scan# 4428
Delta R.T. -0.030 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Tgt Ion:276 Resp: 33672

Ion	Ratio	Lower	Upper
276	100		
138	19.4	17.0	25.6
277	22.5	18.6	28.0





#96
Benzo(g,h,i)perylene
Concen: 4.149 ng/ul
RT: 30.692 min Scan# 4
Delta R.T. -0.019 min
Lab File: BG059295.D
Acq: 5 Oct 2023 14:00

Instrument :
BNA_G
ClientSampleId :
EZYY8

Tgt Ion:276 Resp: 43286

Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.6	25.0
277	27.1	20.0	30.0