Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
Data File : BG059296.D
Acq On : 5 Oct 2023 14:41
Operator : MA/JU
Sample : 04527-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EZYK6

Quant Time: Oct 05 22:38:53 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	8.237	152	33604	20.000	ng/ul	0.00
20) Naphthalene-d8	11.075	136	158453	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.864	164	98221	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.614	188	210708	20.000	ng/ul	0.00
79) Chrysene-d12	21.921	240	172058	20.000	ng/ul	0.00
88) Perylene-d12	25.411	264	210662	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	3914	4.396	ng/uL	0.00
4) Pyridine-d5	3.965	84	5050	1.944	ng/ul	0.00
7) Phenol-d5	7.361	99	49580	14.740	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	36774	17.114	ng/ul	0.00
11) 2-Chlorophenol-d4	7.749	132	11731	5.188	ng/ul	0.00
15) 4-Methylphenol-d8	8.924	113	11239	4.322	ng/ul	0.00
21) Nitrobenzene-d5	9.430	128	23947	21.417	ng/ul	0.00
24) 2-Nitrophenol-d4	10.141	143	6156	5.608	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.675	165	1630	0.723	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	50786	13.921	ng/ul	0.00
46) Dimethylphthalate-d6	14.259	166	166610	23.462	ng/ul	0.00
49) Acenaphthylene-d8	14.571	160	213862	23.993	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.852	176	161989	23.967	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.904	200	163	0.150	ng/ul	-0.06
73) Anthracene-d10	17.714	188	209187	21.788	ng/ul	0.00
81) Pyrene-d10	19.988	212	255317	26.498	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.170	264	237843	23.495	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.077	105	19013	4.721	ng/ul	91
36) 2-Methylnaphthalene	12.714	142	7411	1.332	ng/ul	83
66) 4,6-Dinitro-2-methylph...	15.887	198	2032	1.779	ng/ul#	95
72) Phenanthrene	17.655	178	20572	1.779	ng/ul#	90
80) Fluoranthene	19.653	202	46503	3.918	ng/ul#	94
82) Pyrene	20.017	202	51124	4.066	ng/ul#	95
85) Benzo(a)anthracene	21.944	228	21603	1.784	ng/ul	93
87) Chrysene	21.944	228	21597	1.888	ng/ul	98
90) Benzo(b)fluoranthene	24.283	252	71916	5.574	ng/ul#	74
91) Benzo(k)fluoranthene	24.342	252	20020	1.531	ng/ul#	43
93) Benzo(a)pyrene	25.235	252	22790	1.862	ng/ul#	45
96) Benzo(g,h,i)perylene	30.705	276	16451	1.460	ng/ul#	74

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

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Misc :
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Instrument :
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Quant Time: Oct 05 22:38:53 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
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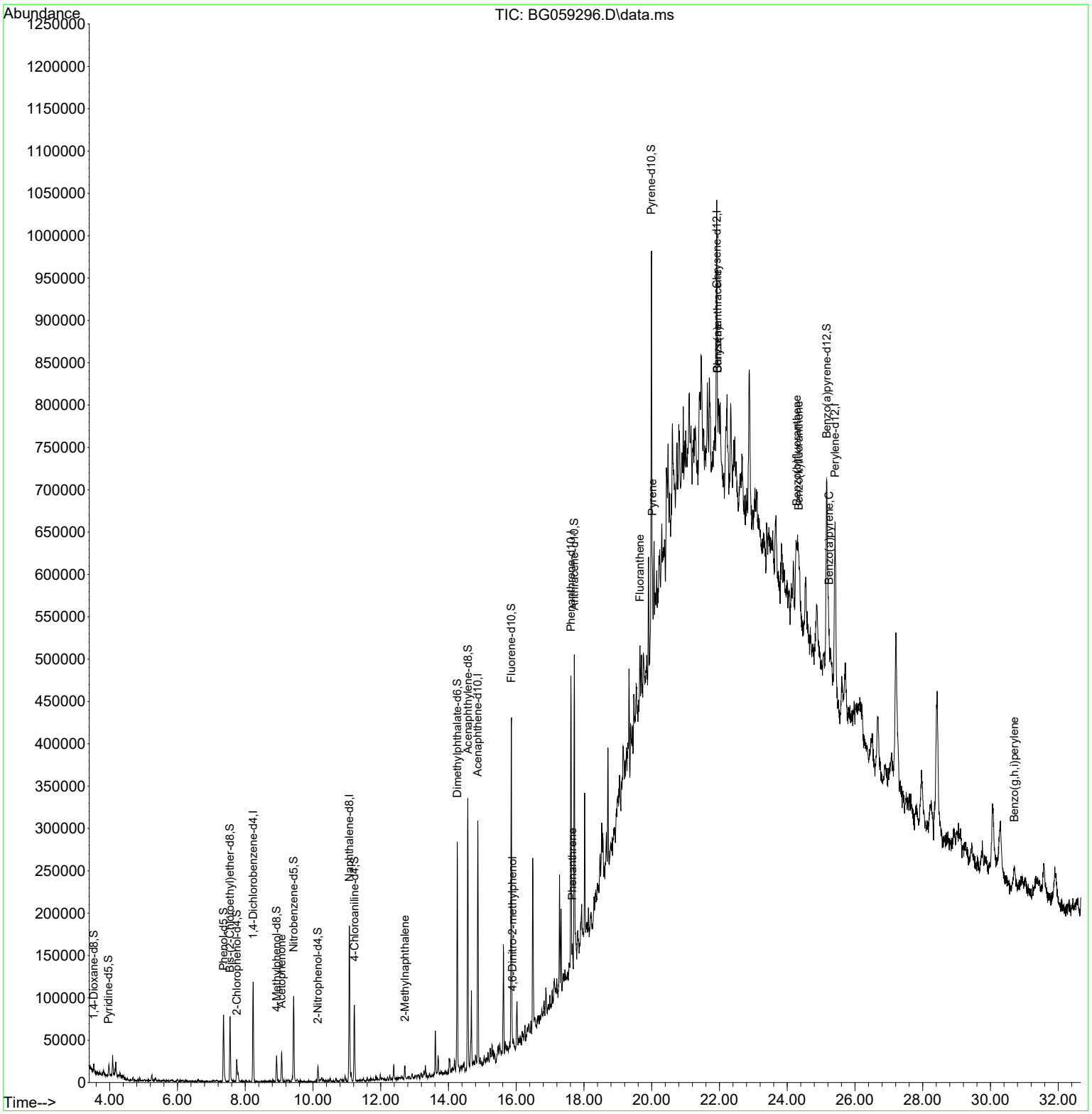
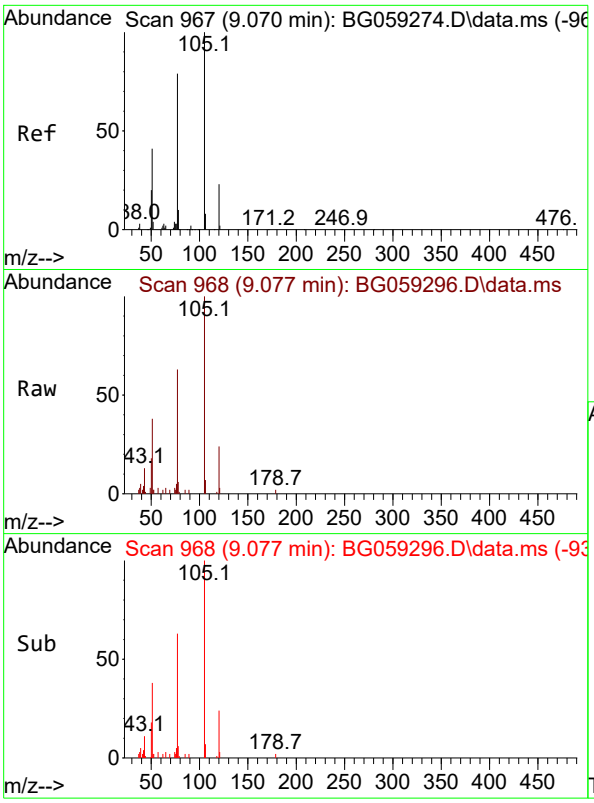


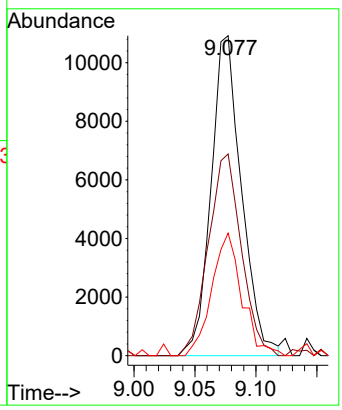


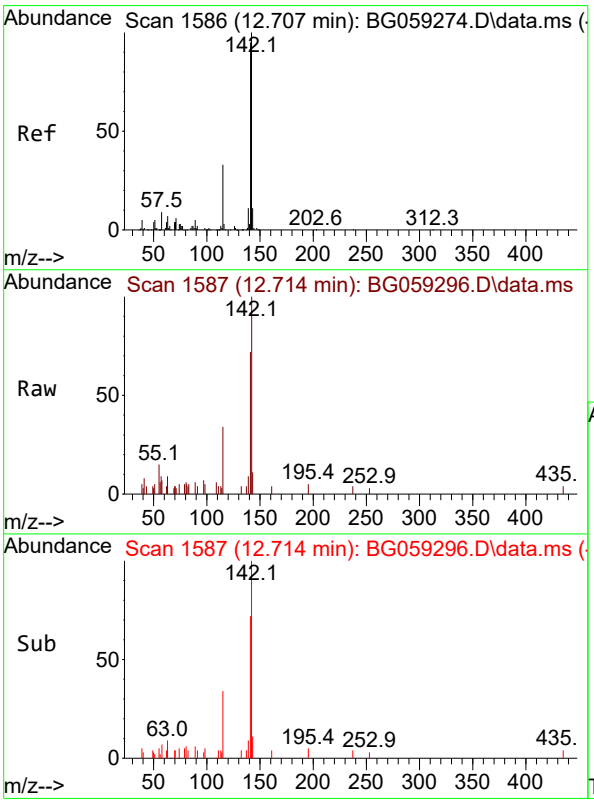
#16
Acetophenone
Concen: 4.721 ng/ul
RT: 9.077 min Scan# 9
Delta R.T. -0.000 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Instrument :
BNA_G
ClientSampleId :
EZYK6

Tgt Ion:105 Resp: 19013

Ion	Ratio	Lower	Upper
105	100		
77	63.0	58.8	88.2
51	38.3	32.6	48.8

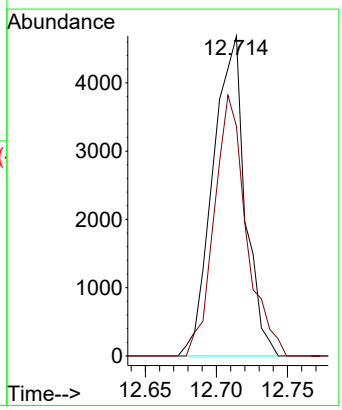


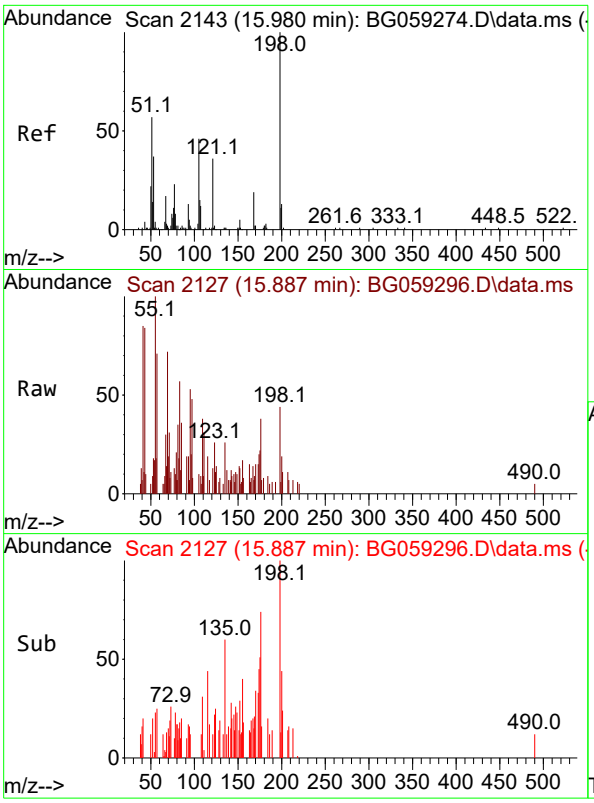


#36
2-Methylnaphthalene
Concen: 1.332 ng/ul
RT: 12.714 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Tgt Ion:142 Resp: 7411

Ion	Ratio	Lower	Upper
142	100		
141	71.7	70.2	105.2



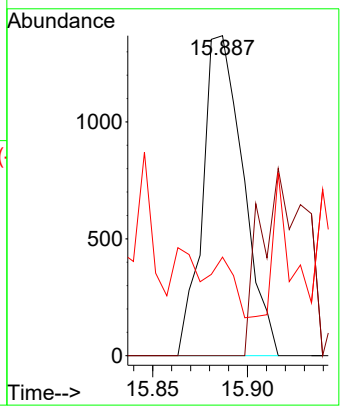


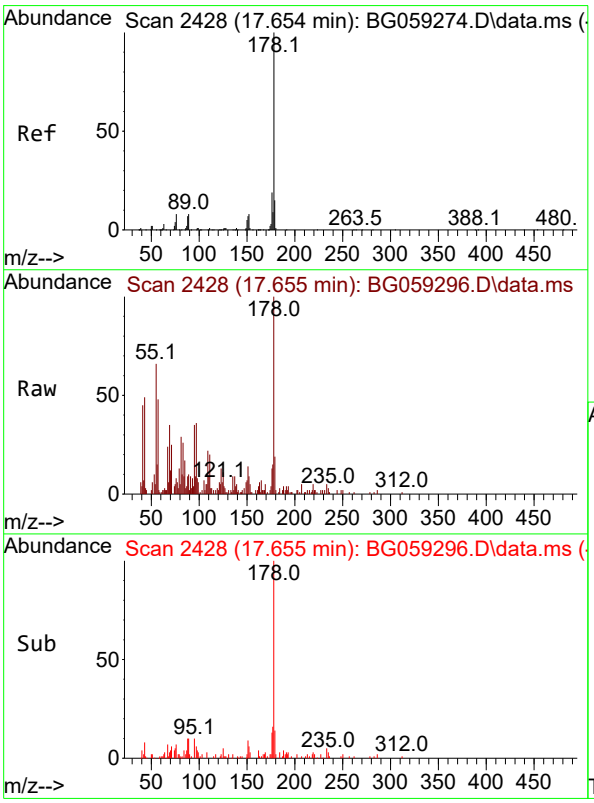
#66
4,6-Dinitro-2-methylphenol
Concen: 1.779 ng/ul
RT: 15.887 min Scan# 21
Delta R.T. -0.094 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Instrument :
BNA_G
ClientSampleId :
EZYK6

Tgt Ion:198 Resp: 2032

Ion	Ratio	Lower	Upper
198	100		
182	0.0	4.4	6.6#
77	30.8	23.2	34.8

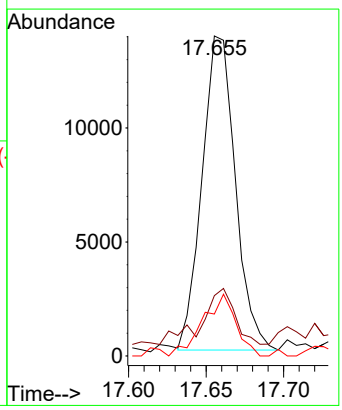


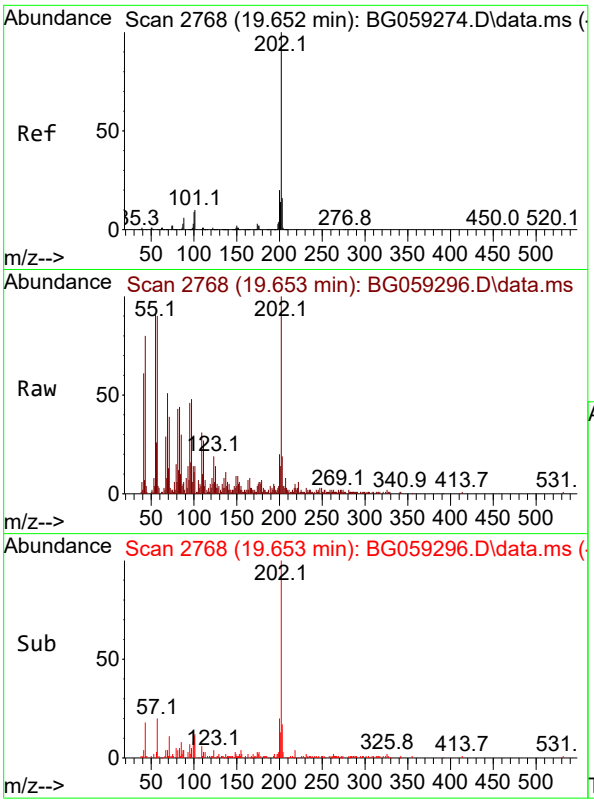


#72
Phenanthrene
Concen: 1.779 ng/ul
RT: 17.655 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Tgt Ion:178 Resp: 20572

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.3	18.5#
176	13.1	14.6	21.8#



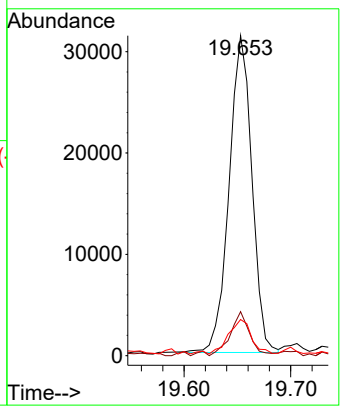


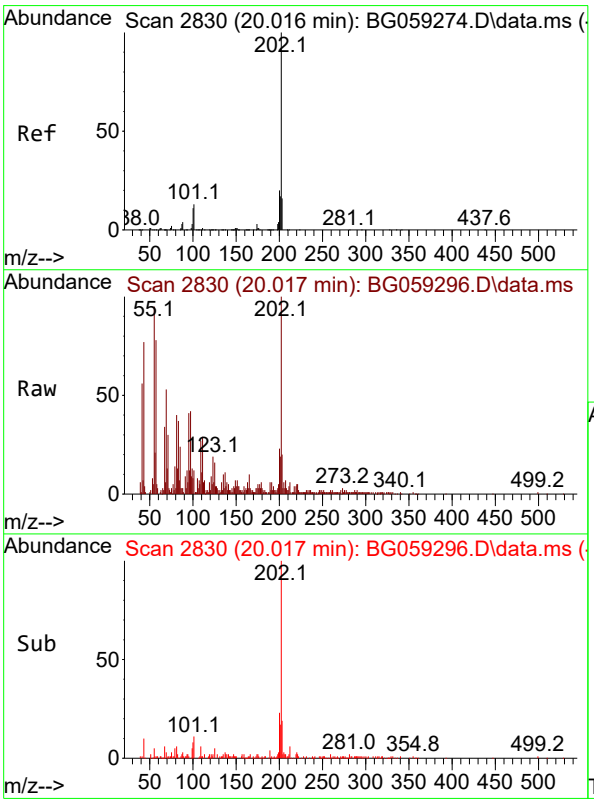
#80
Fluoranthene
Concen: 3.918 ng/ul
RT: 19.653 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Instrument :
BNA_G
ClientSampleId :
EZYK6

Tgt Ion:202 Resp: 46503

Ion	Ratio	Lower	Upper
202	100		
101	13.7	8.2	12.4#
100	11.3	8.2	12.2

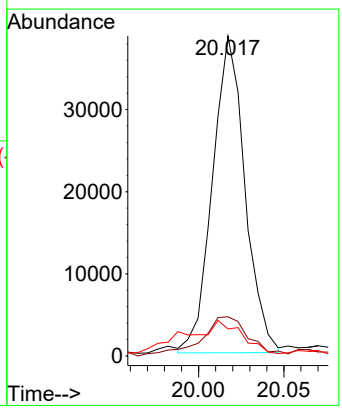


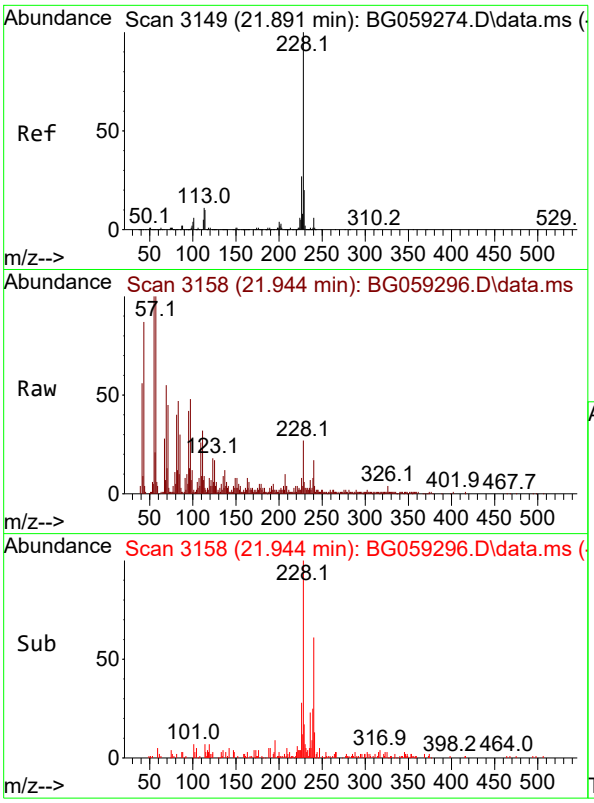


#82
Pyrene
Concen: 4.066 ng/ul
RT: 20.017 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Tgt Ion:202 Resp: 51124

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.2	15.4
100	8.5	9.6	14.4#



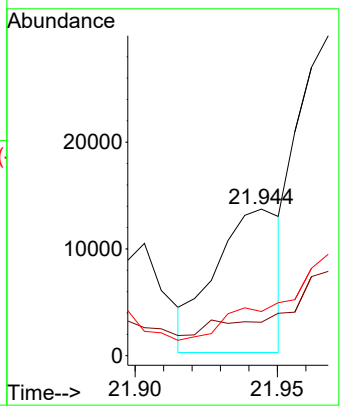


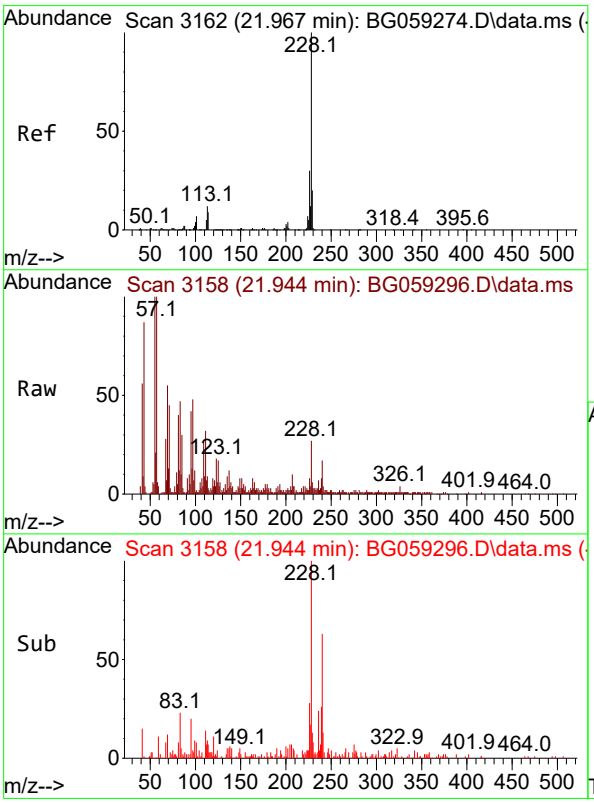
#85
Benzo(a)anthracene
Concen: 1.784 ng/ul
RT: 21.944 min Scan# 3
Delta R.T. 0.041 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Instrument :
BNA_G
ClientSampleId :
EZYK6

Tgt Ion:228 Resp: 21603

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.5	23.3
226	30.1	21.4	32.2

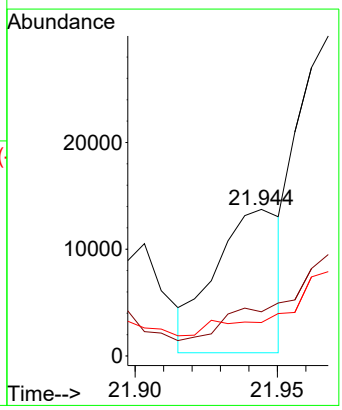


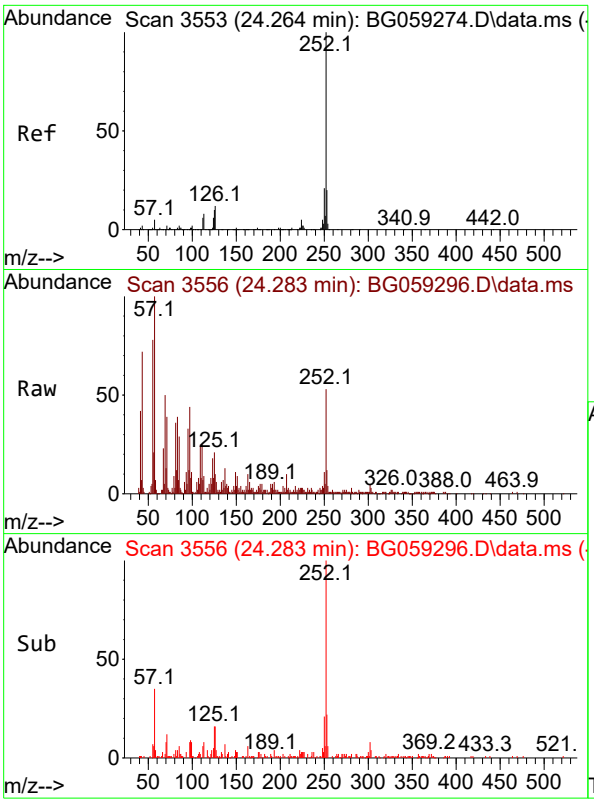


#87
Chrysene
Concen: 1.888 ng/ul
RT: 21.944 min Scan# 3158
Delta R.T. -0.029 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Tgt Ion:228 Resp: 21597

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	22.9	16.2	24.2



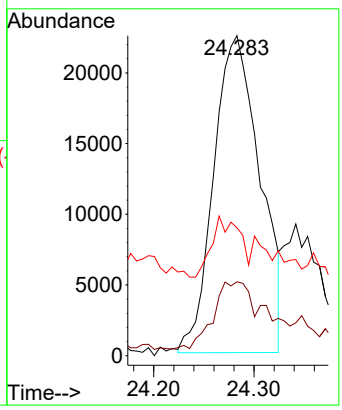


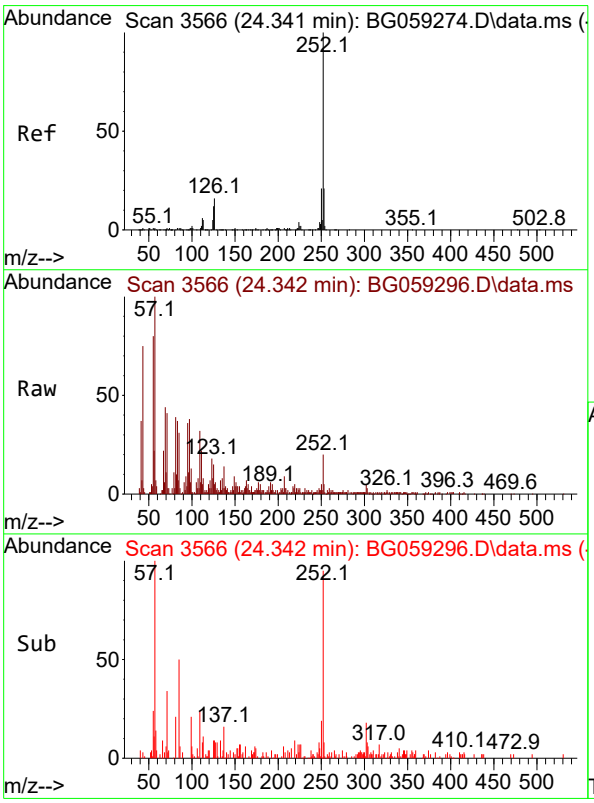
#90
Benzo(b)fluoranthene
Concen: 5.574 ng/ul
RT: 24.283 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Instrument :
BNA_G
ClientSampleId :
EZYK6

Tgt Ion:252 Resp: 71916

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	40.0	8.1	12.1#

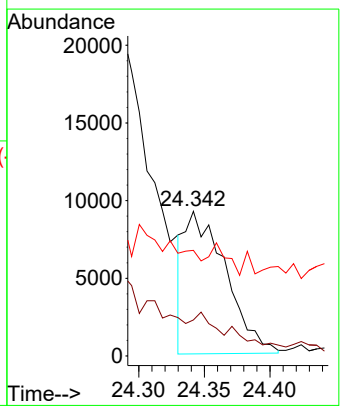


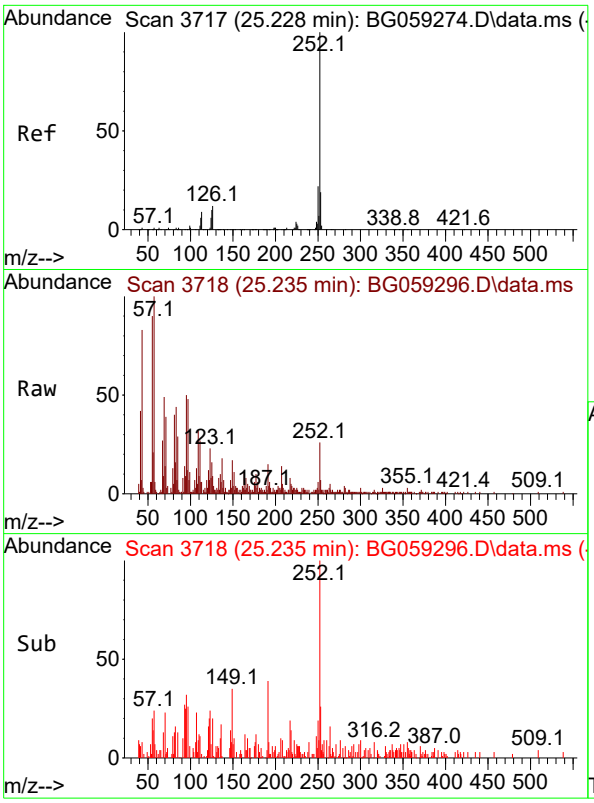


#91
Benzo(k)fluoranthene
Concen: 1.531 ng/ul
RT: 24.342 min Scan# 3566
Delta R.T. -0.018 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Tgt Ion:252 Resp: 20020

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	73.0	8.1	12.1#



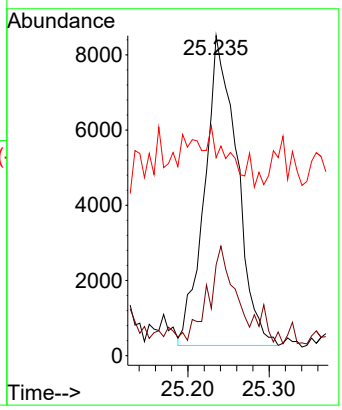


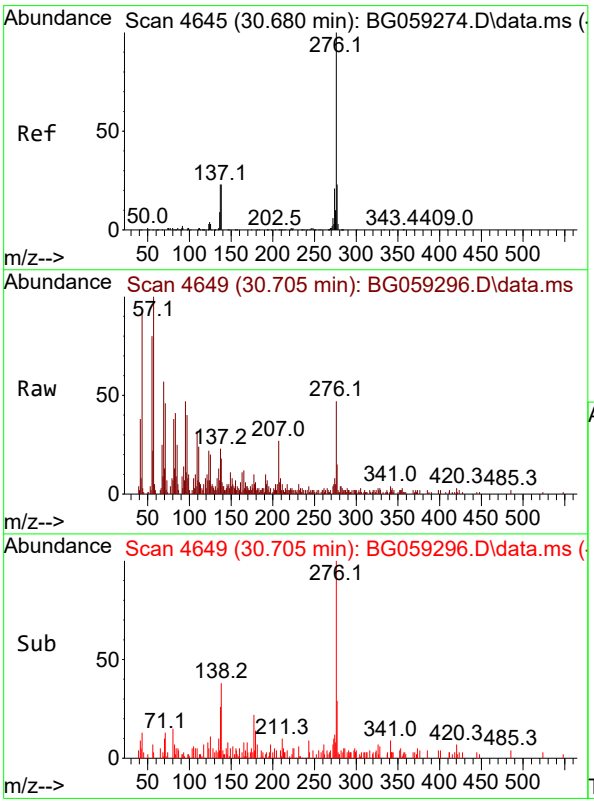
#93
Benzo(a)pyrene
Concen: 1.862 ng/ul
RT: 25.235 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Instrument :
BNA_G
ClientSampleId :
EZYK6

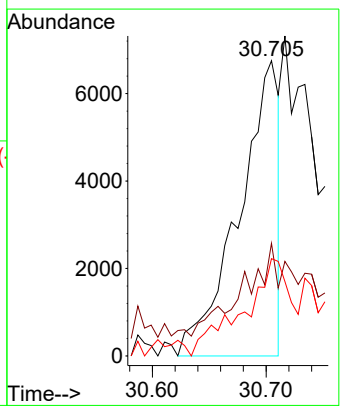
Tgt Ion:252 Resp: 22790

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.2	25.8#
125	61.9	9.4	14.0#





#96
Benzo(g,h,i)perylene
Concen: 1.460 ng/ul
RT: 30.705 min Scan# 4649
Delta R.T. -0.006 min
Lab File: BG059296.D
Acq: 5 Oct 2023 14:41

Tgt Ion:276 Resp: 16451

Ion	Ratio	Lower	Upper
276	100		
138	38.2	16.6	25.0#
277	33.0	20.0	30.0#