Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057966.D
Acq On : 3 Jul 2023 22:38
Operator : CG/JU
Sample : 03247-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 04 00:56:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	46726	20.000	ng/ul	0.00
20) Naphthalene-d8	10.739	136	221332	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	151788	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.313	188	329259	20.000	ng/ul	0.00
79) Chrysene-d12	21.567	240	268672	20.000	ng/ul	0.00
88) Perylene-d12	24.734	264	329715	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.377	96	2907	2.179	ng/uL	0.01
4) Pyridine-d5	3.770	84	252	0.062	ng/ul	0.00
7) Phenol-d5	7.102	99	71446	14.972	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.266	67	46102	16.032	ng/ul	0.00
11) 2-Chlorophenol-d4	7.472	132	54272	16.490	ng/ul	0.00
15) 4-Methylphenol-d8	8.641	113	33740	9.371	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	28777	15.952	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	32072	16.916	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	60742	16.701	ng/ul	0.00
31) 4-Chloroaniline-d4	10.880	131	16855	3.057	ng/ul	0.01
46) Dimethylphthalate-d6	13.976	166	206768	17.265	ng/ul	0.00
49) Acenaphthylene-d8	14.264	160	236976	18.133	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	29523	13.953	ng/ul	0.00
60) Fluorene-d10	15.562	176	184103	18.101	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	22588	12.634	ng/ul	0.00
73) Anthracene-d10	17.413	188	249979	16.362	ng/ul	0.00
81) Pyrene-d10	19.699	212	315046	18.619	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.511	264	309605	18.431	ng/ul	0.01
Target Compounds						Qvalue
16) Acetophenone	8.759	105	12311	2.061	ng/ul	92
72) Phenanthrene	17.354	178	122413	7.309	ng/ul	100
74) Anthracene	17.442	178	22810	1.346	ng/ul	96
77) Carbazole	17.713	167	17522	1.143	ng/ul	97
80) Fluoranthene	19.364	202	196016	9.997	ng/ul#	91
82) Pyrene	19.728	202	164075	8.313	ng/ul	99
85) Benzo(a)anthracene	21.549	228	100713	5.221	ng/ul	99
87) Chrysene	21.614	228	99672	5.512	ng/ul	97
90) Benzo(b)fluoranthene	23.723	252	153130	7.501	ng/ul	97
91) Benzo(k)fluoranthene	23.723	252	153130	7.653	ng/ul#	96
93) Benzo(a)pyrene	24.575	252	94697	5.241	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.330	276	75653	3.153	ng/ul	99
96) Benzo(g,h,i)perylene	29.452	276	35463	1.809	ng/ul	99

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

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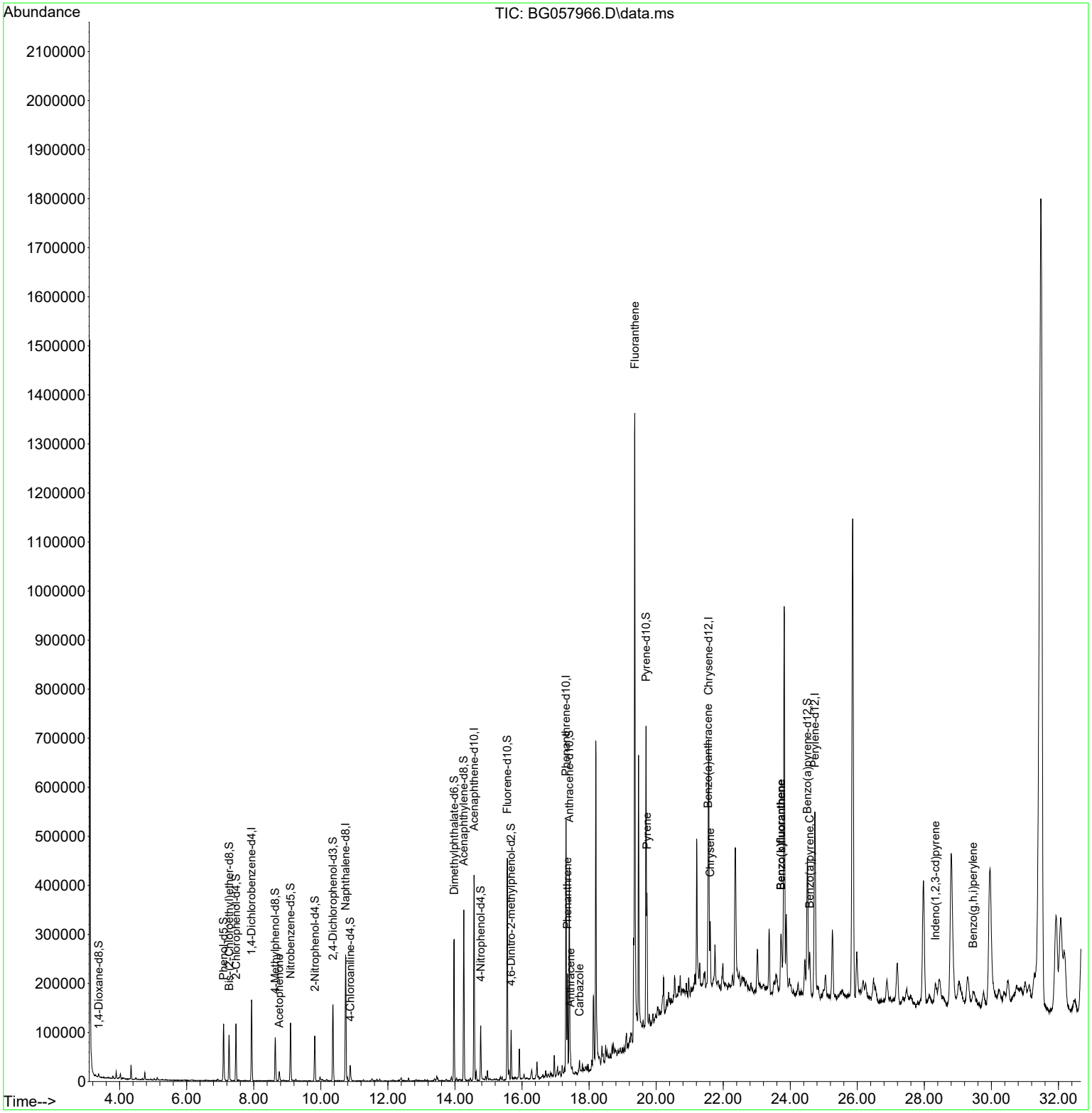
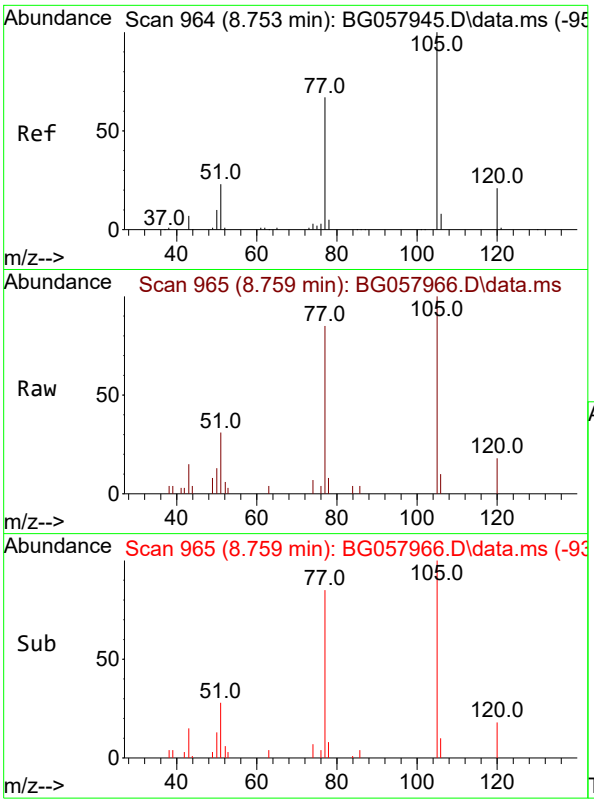
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration



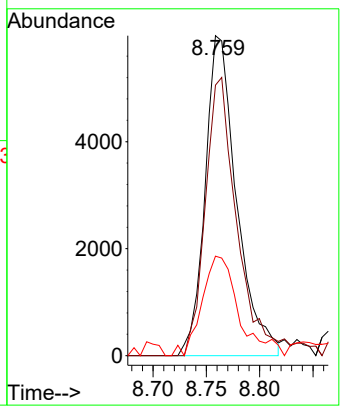


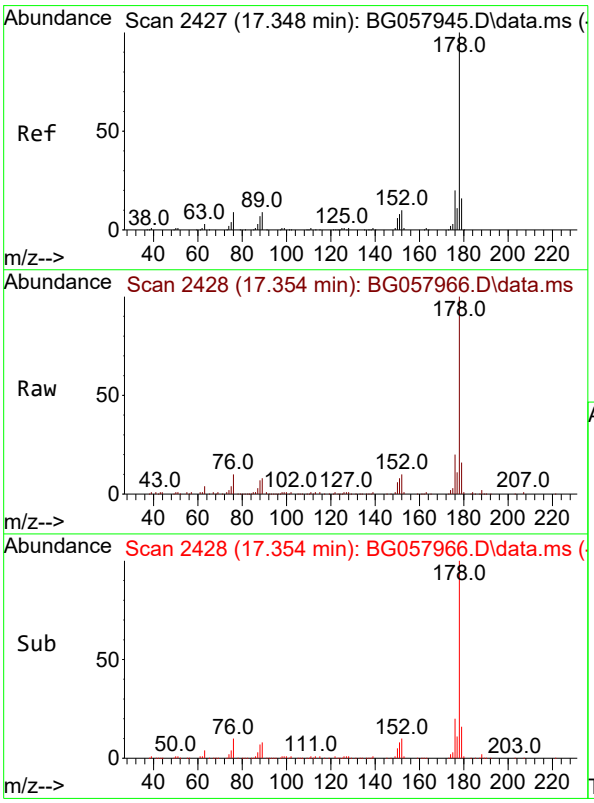
#16
Acetophenone
Concen: 2.061 ng/ul
RT: 8.759 min Scan# 9
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:105 Resp: 12311

Ion	Ratio	Lower	Upper
105	100		
77	84.5	61.2	91.8
51	31.1	23.5	35.3

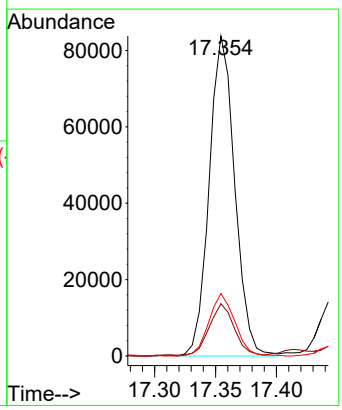


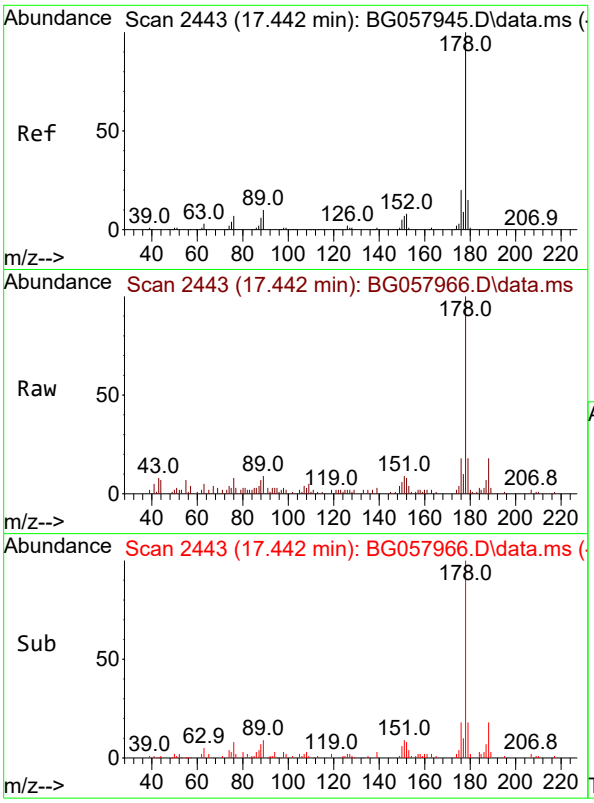


#72
Phenanthrene
Concen: 7.309 ng/ul
RT: 17.354 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Tgt Ion:178 Resp: 122413

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.5	15.7	23.5



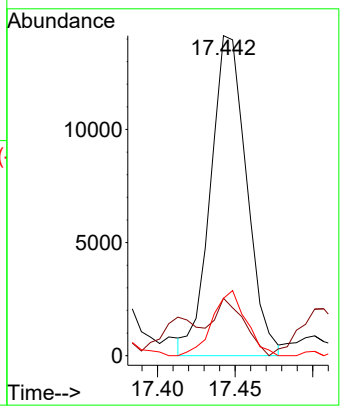


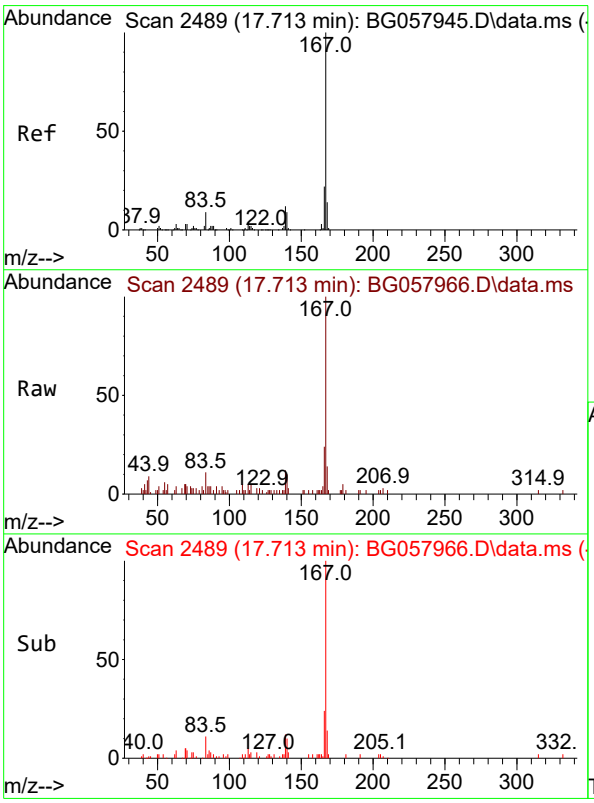
#74
Anthracene
Concen: 1.346 ng/ul
RT: 17.442 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 22810

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.6	18.8
176	17.9	15.4	23.2

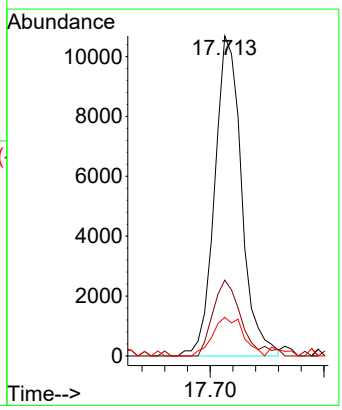


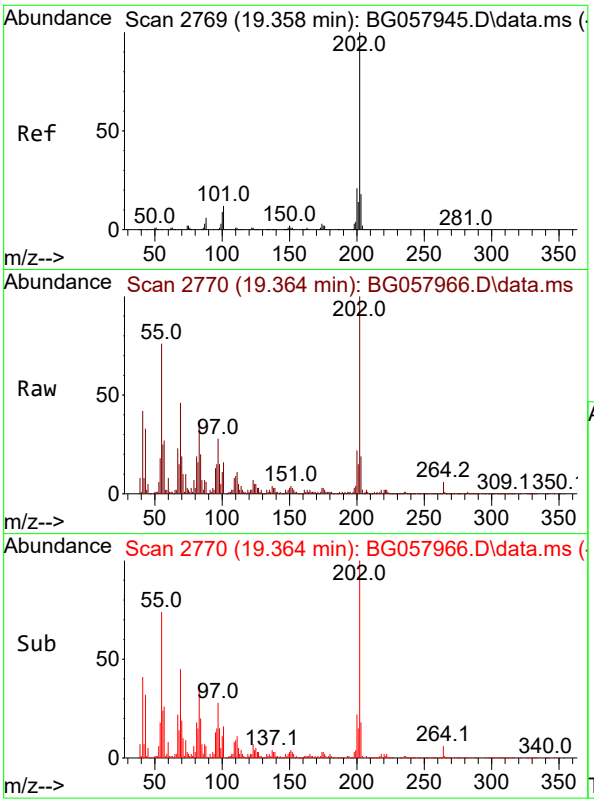


#77
Carbazole
Concen: 1.143 ng/ul
RT: 17.713 min Scan# 2489
Delta R.T. 0.001 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Tgt Ion:167 Resp: 17522

Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.5	26.3
139	12.1	9.5	14.3



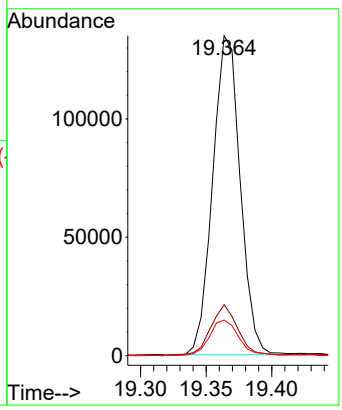


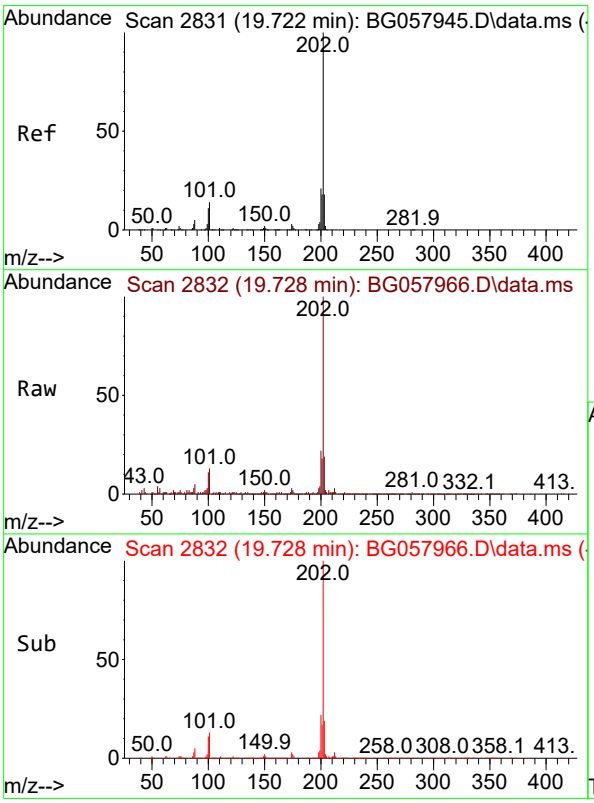
#80
Fluoranthene
Concen: 9.997 ng/ul
RT: 19.364 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 196016

Ion	Ratio	Lower	Upper
202	100		
101	16.0	9.1	13.7#
100	11.1	7.1	10.7#

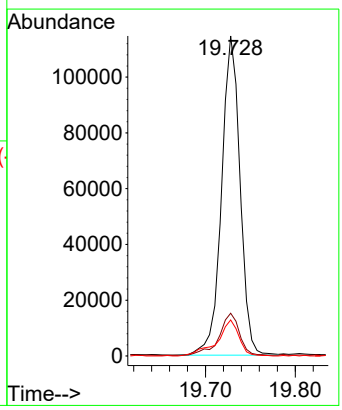


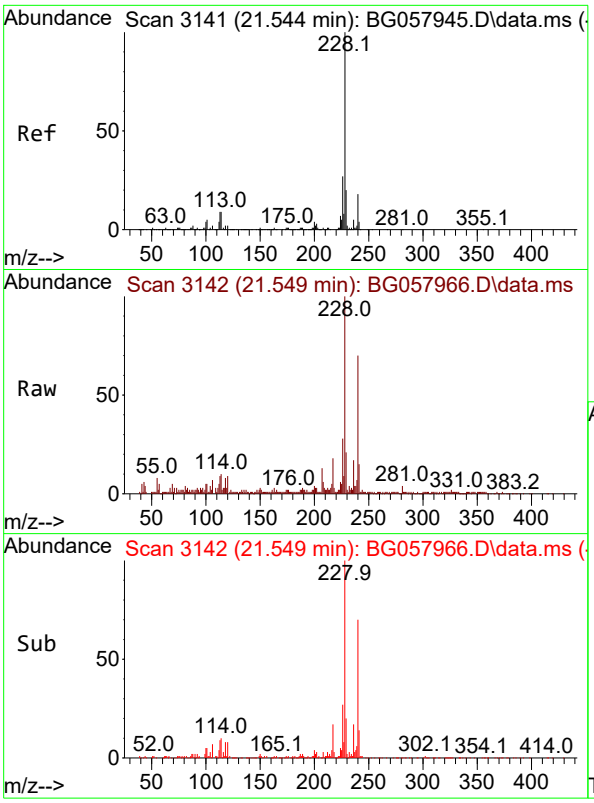


#82
Pyrene
Concen: 8.313 ng/ul
RT: 19.728 min Scan# 2832
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Tgt Ion:202 Resp: 164075

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.2	15.2
100	11.2	8.9	13.3



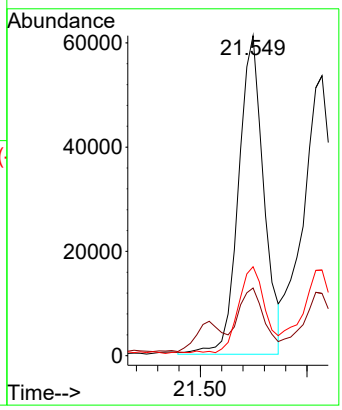


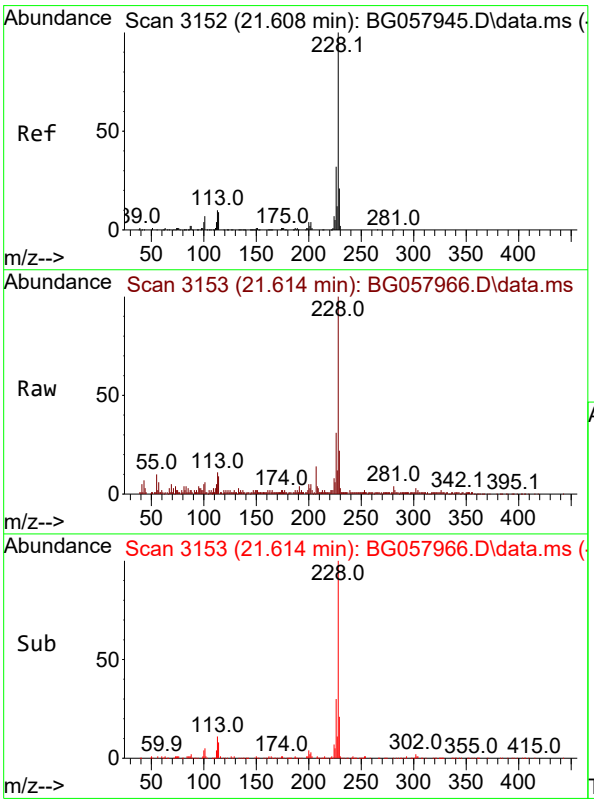
#85
Benzo(a)anthracene
Concen: 5.221 ng/ul
RT: 21.549 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 100713

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.0	24.0
226	27.8	22.0	33.0

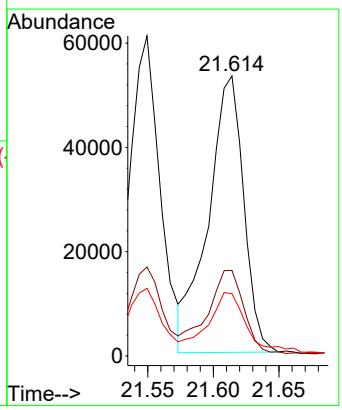


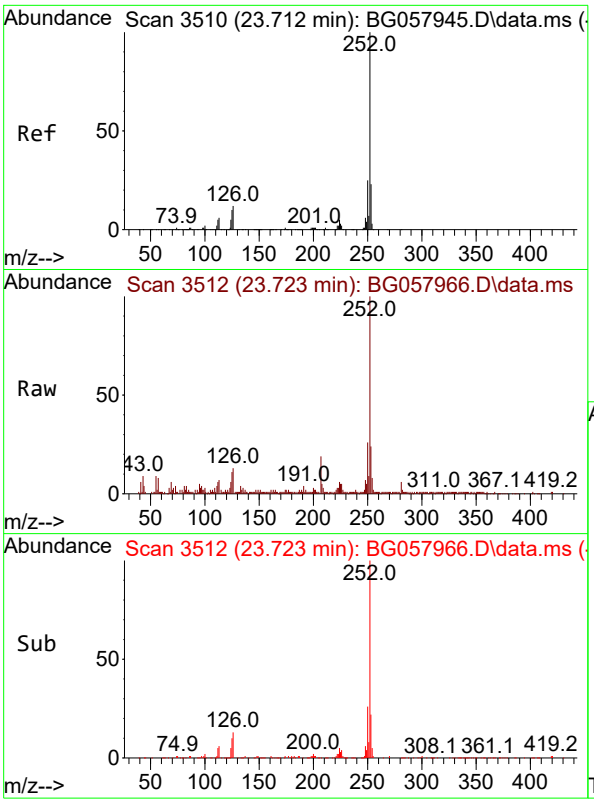


#87
Chrysene
Concen: 5.512 ng/ul
RT: 21.614 min Scan# 3153
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Tgt Ion:228 Resp: 99672

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	22.2	15.5	23.3



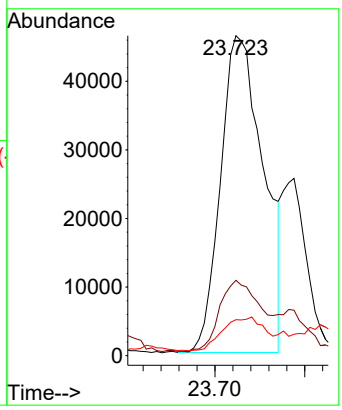


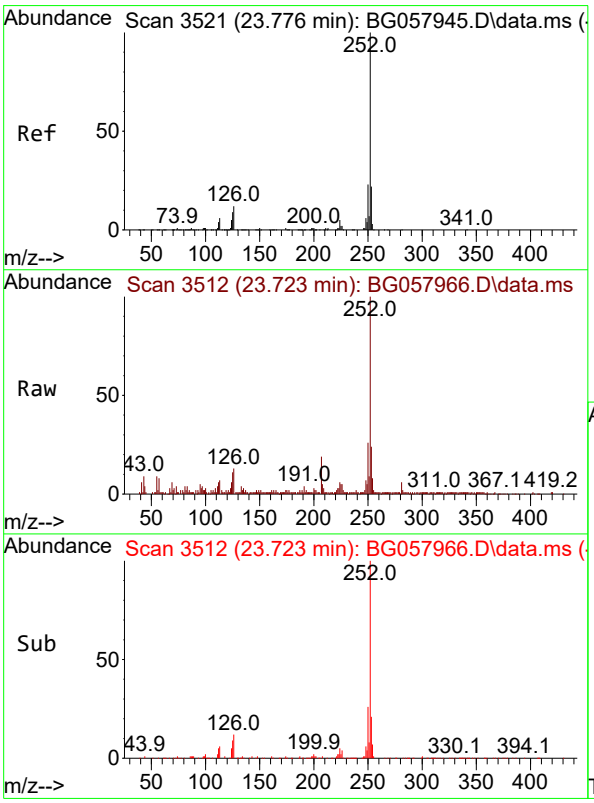
#90
Benzo(b)fluoranthene
Concen: 7.501 ng/ul
RT: 23.723 min Scan# 3
Delta R.T. 0.012 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 153130

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	11.3	7.5	11.3

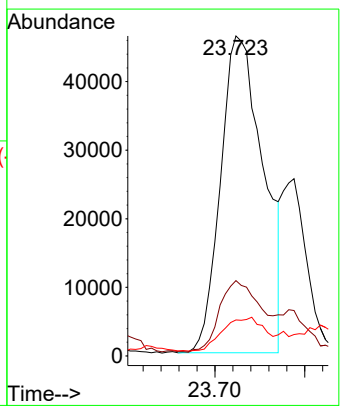


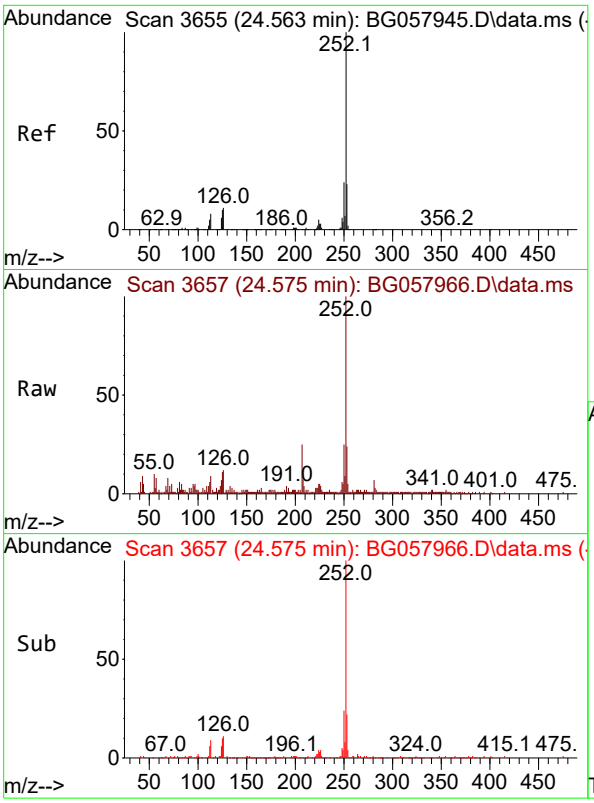


#91
Benzo(k)fluoranthene
Concen: 7.653 ng/ul
RT: 23.723 min Scan# 3512
Delta R.T. -0.052 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Tgt Ion:252 Resp: 153130

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	11.3	7.4	11.2#



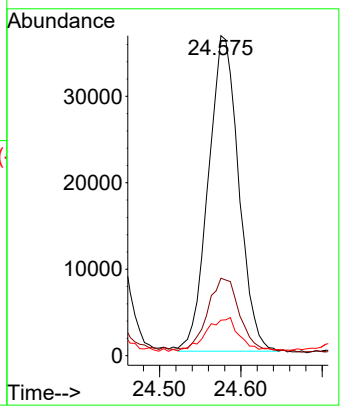


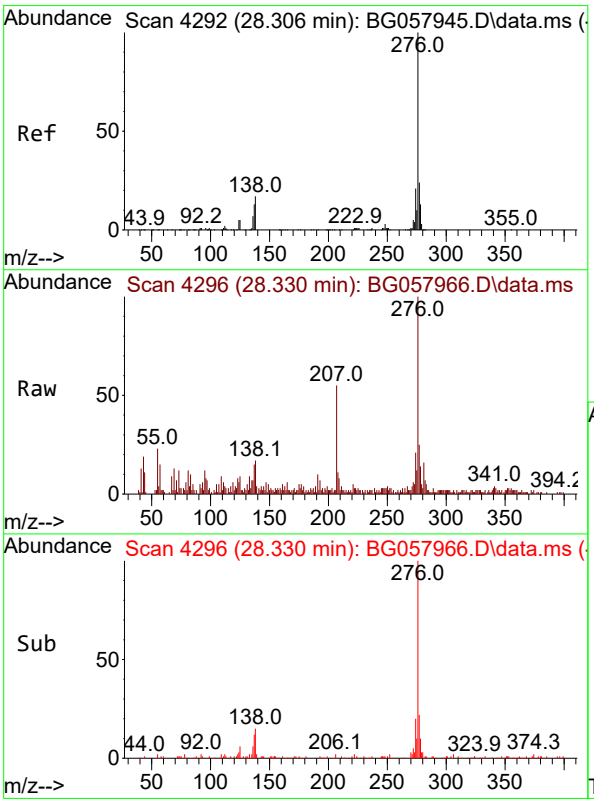
#93
Benzo(a)pyrene
Concen: 5.241 ng/ul
RT: 24.575 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 94697

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	11.1	8.3	12.5

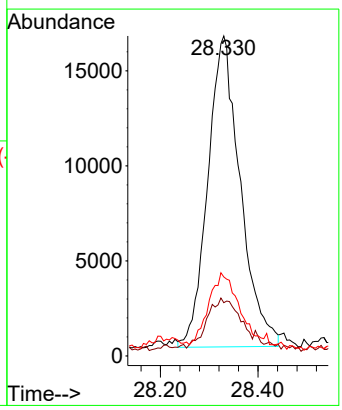


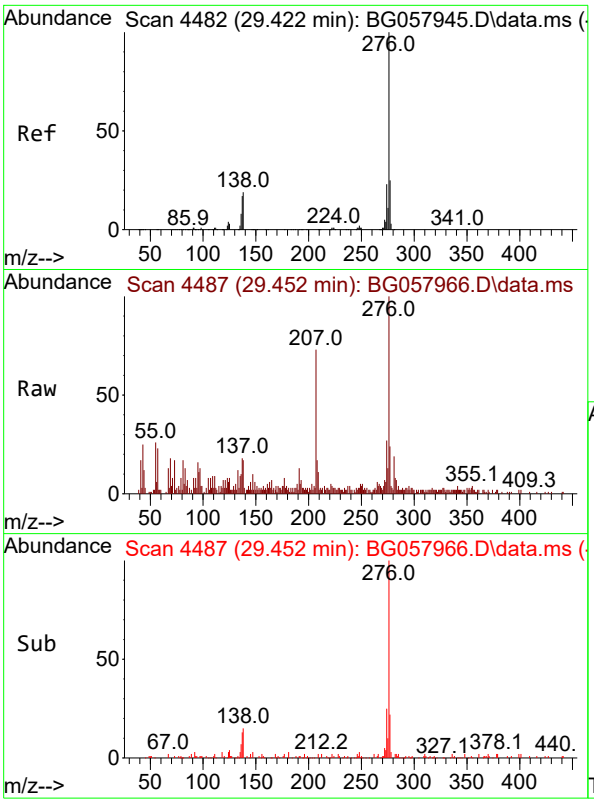


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.153 ng/ul
RT: 28.330 min Scan# 4296
Delta R.T. 0.024 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Tgt Ion:276 Resp: 75653

Ion	Ratio	Lower	Upper
276	100		
138	16.7	14.0	21.0
277	24.7	19.4	29.2





#96
Benzo(g,h,i)perylene
Concen: 1.809 ng/ul
RT: 29.452 min Scan# 4
Delta R.T. 0.024 min
Lab File: BG057966.D
Acq: 3 Jul 2023 22:38

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 35463

Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.2	21.2
277	23.9	18.6	27.8