Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046316.D
Acq On : 18 Aug 2020 4:38
Operator : CG/JU
Sample : L3632-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM97

Quant Time: Aug 18 05:31:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	98929	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	411387	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	275220	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	604438	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	606570	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	637903	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	11956	1.69	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	55267	2.18	ng/ul	0.00
10) Fluorene-d10	15.56	176	47352	2.44	ng/ul	0.00
15) Anthracene-d10	17.41	188	74272	2.65	ng/ul	0.00
19) Pyrene-d10	19.69	212	79916	2.56	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	80158	2.30	ng/ul	-0.01
Target Compounds						Qvalue
14) Phenanthrene	17.35	178	93815	2.821	ng/ul	98
17) Fluoranthene	19.36	202	167144	4.508	ng/ul	97
20) Pyrene	19.72	202	144182	3.621	ng/ul#	95
21) Benzo(a)anthracene	21.54	228	69432	1.759	ng/ul	99
22) Chrysene	21.60	228	83649	2.193	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	113573	2.692	ng/ul#	97
27) Benzo(a)pyrene	24.51	252	63589	1.642	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.16	276	50877	1.049	ng/ul	99

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

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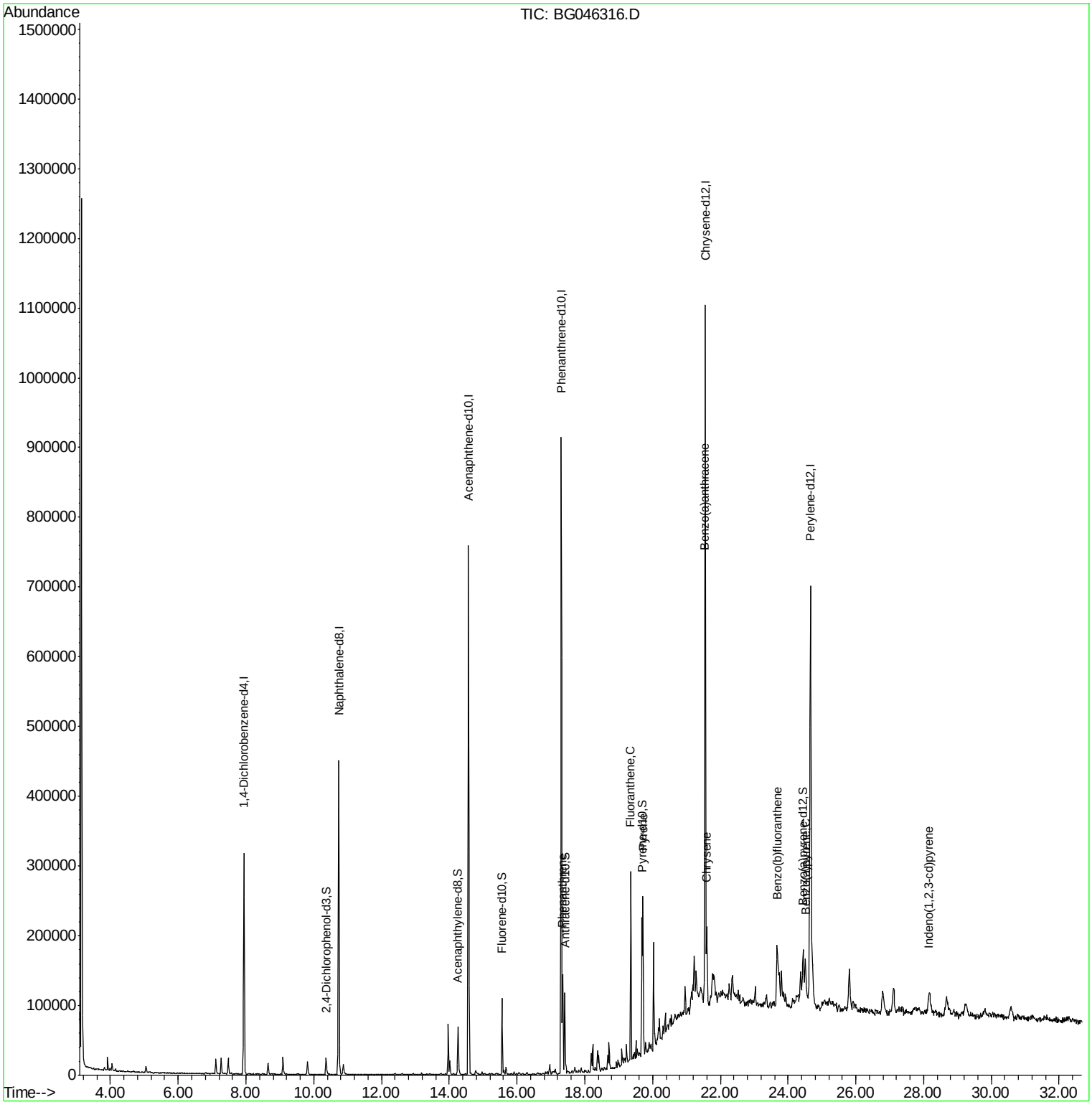
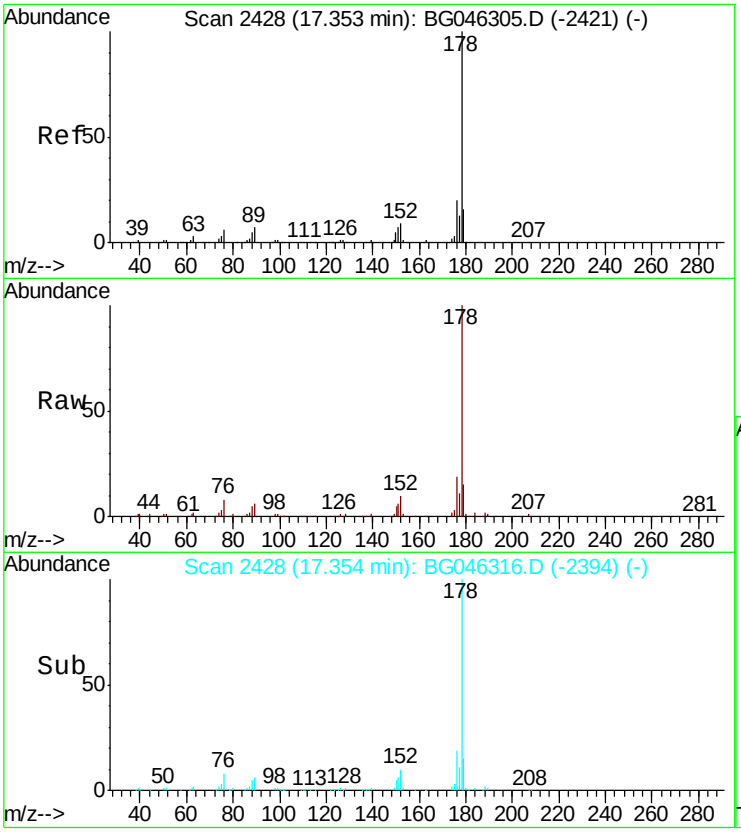


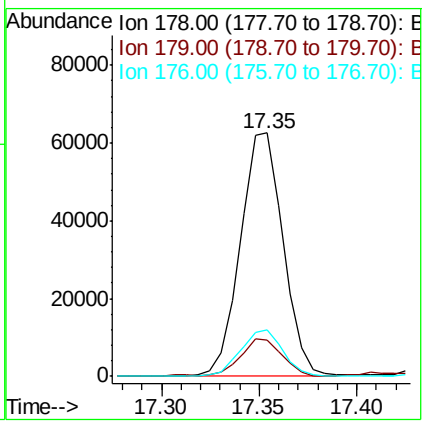


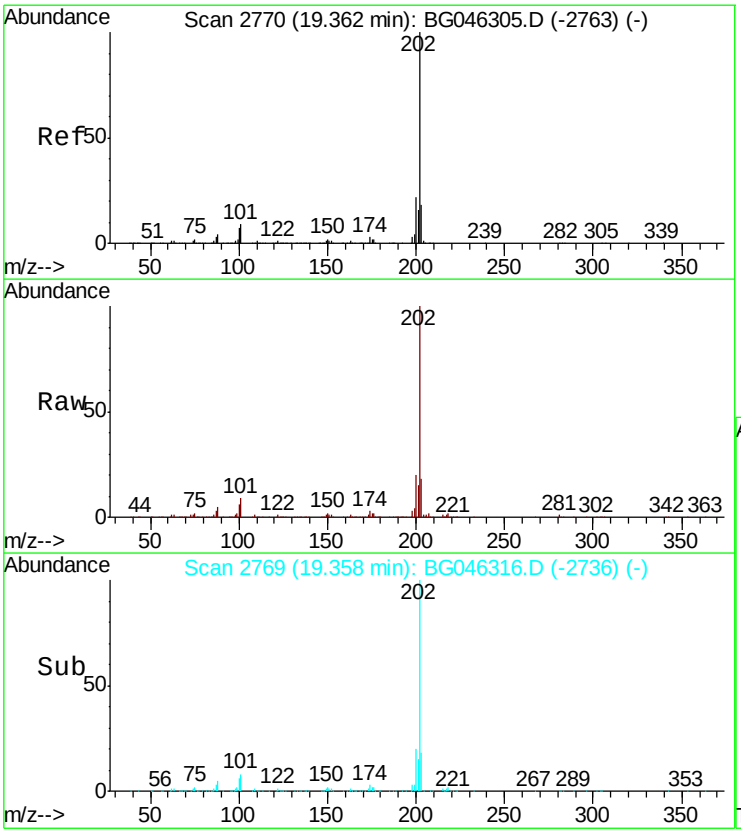
#14
Phenanthrene
Concen: 2.821 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046316.D
Acq: 18 Aug 2020 4:38

Instrument :
BNA_G
ClientSampleId :
BFM97

Tgt Ion:178 Resp: 93815

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.8	19.2
176	19.1	15.8	23.8

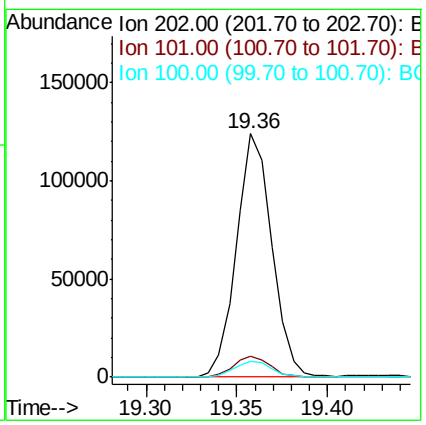


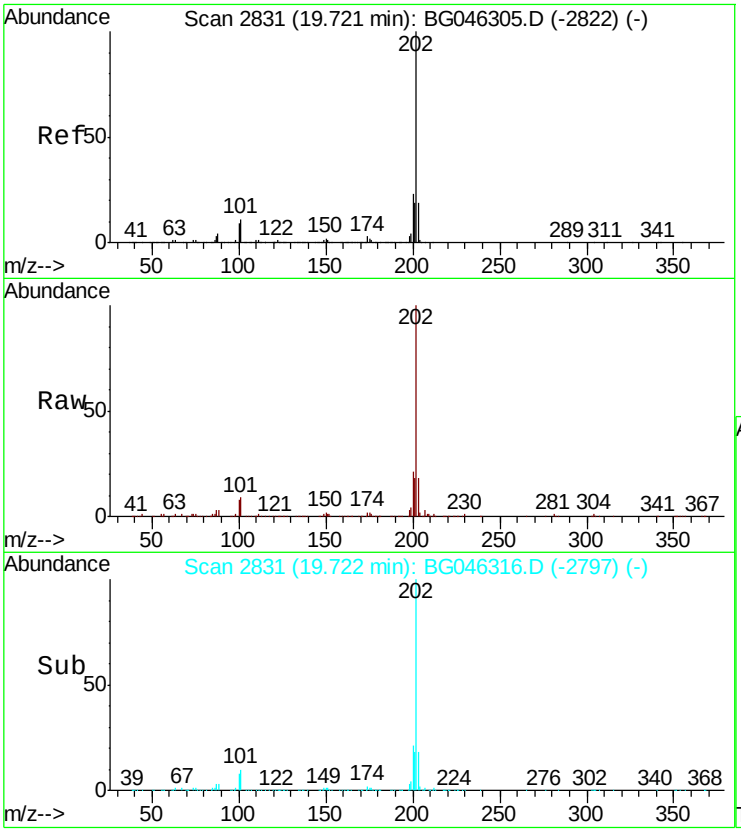


#17
Fluoranthene
Concen: 4.508 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG046316.D
Acq: 18 Aug 2020 4:38

Tgt Ion:202 Resp: 167144

Ion	Ratio	Lower	Upper
202	100		
101	8.5	7.8	11.6
100	6.4	5.9	8.9



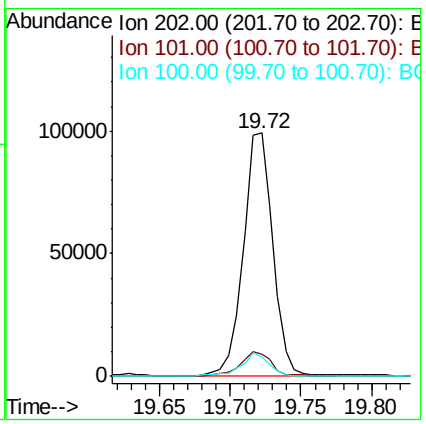


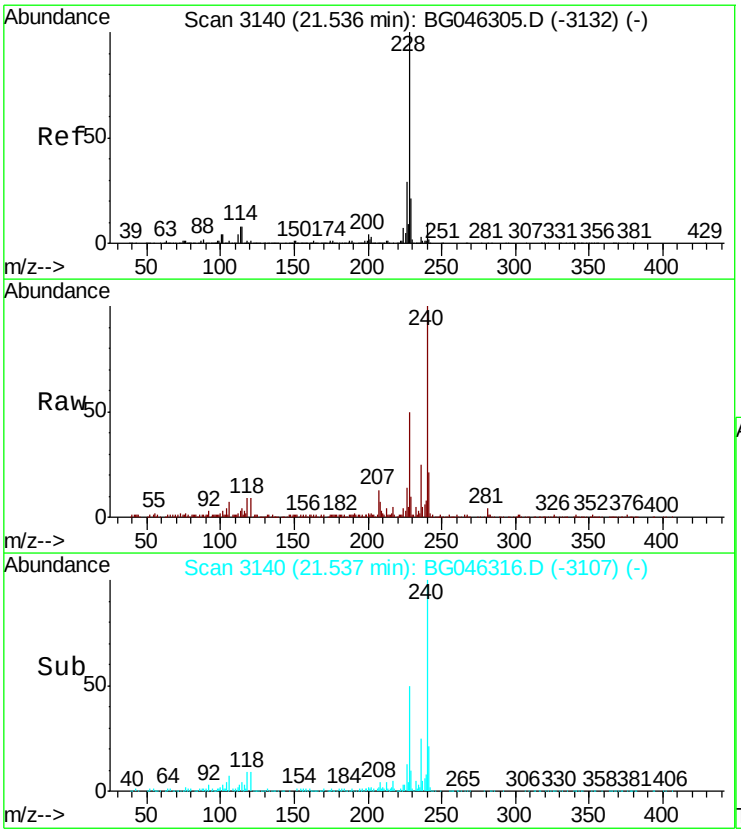
#20
Pyrene
Concen: 3.621 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046316.D
Acq: 18 Aug 2020 4:38

Instrument :
BNA_G
ClientSampleId :
BFM97

Tgt Ion:202 Resp: 144182

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.9	13.3
100	7.8	7.9	11.9#

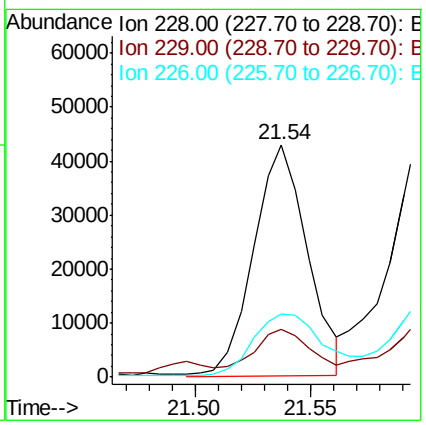


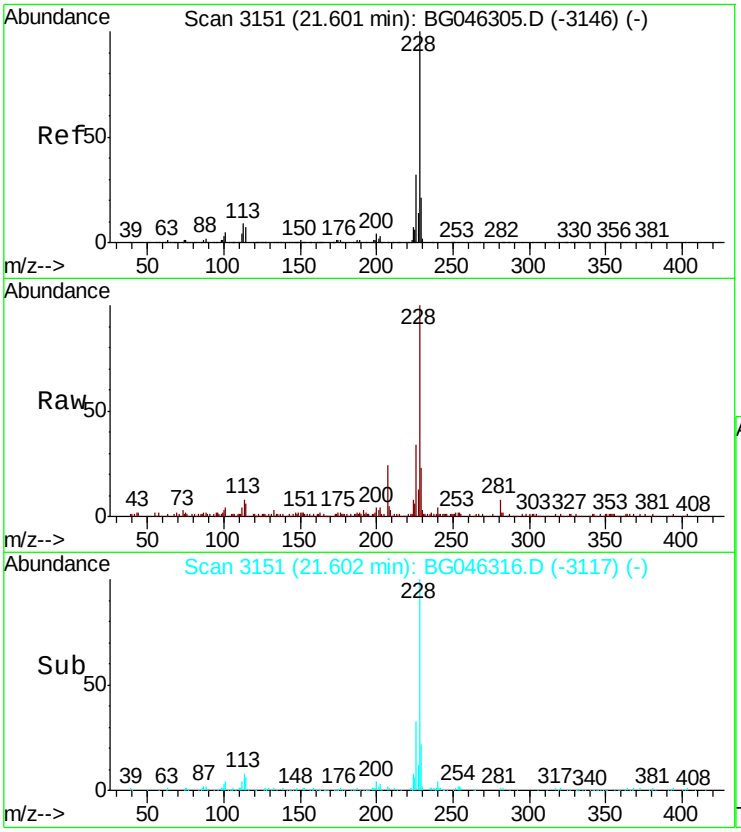


#21
Benzo(a)anthracene
Concen: 1.759 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046316.D
Acq: 18 Aug 2020 4:38

Tgt Ion:228 Resp: 69432

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.6	25.0
226	27.3	22.6	33.8



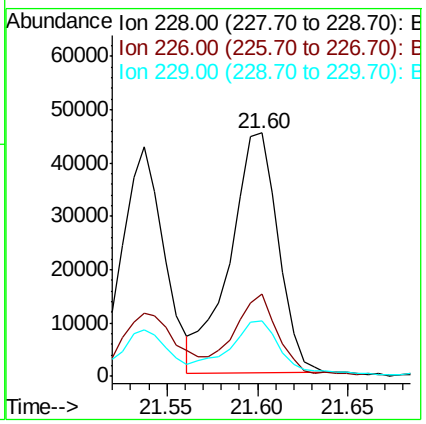


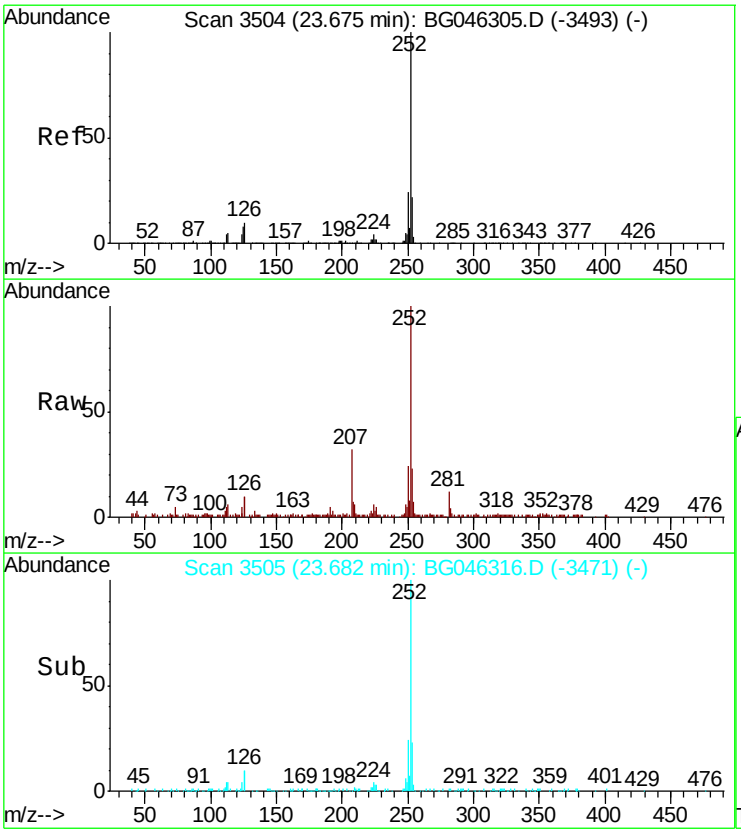
#22
Chrysene
Concen: 2.193 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046316.D
Acq: 18 Aug 2020 4:38

Instrument :
BNA_G
ClientSampleId :
BFM97

Tgt Ion:228 Resp: 83649

Ion	Ratio	Lower	Upper
228	100		
226	33.6	25.5	38.3
229	22.6	17.0	25.4

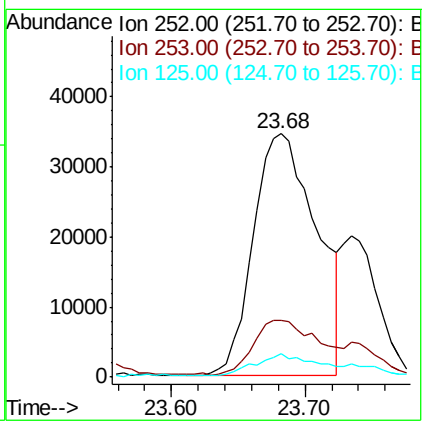


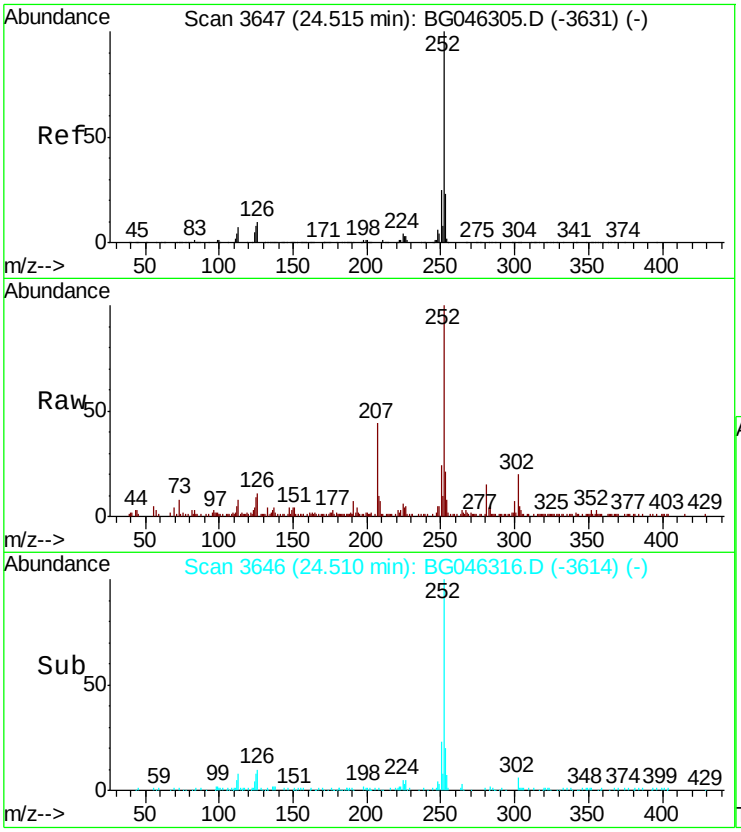


#24
Benzo(b)fluoranthene
Concen: 2.692 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046316.D
Acq: 18 Aug 2020 4:38

Tgt Ion:252 Resp: 113573

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	9.7	6.4	9.6#



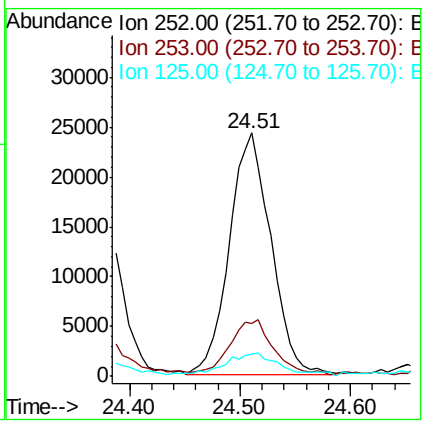


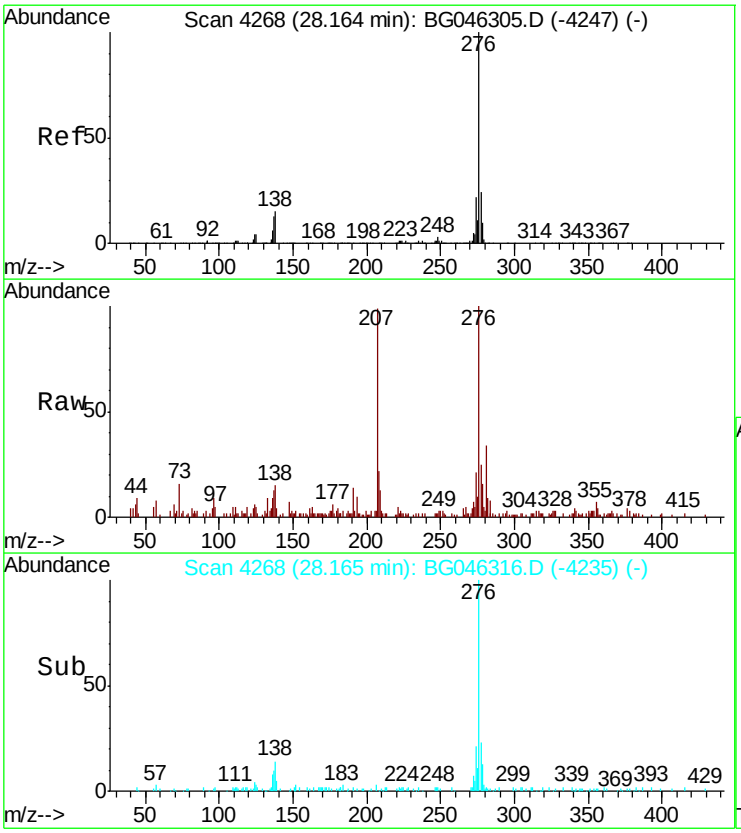
#27
Benzo(a)pyrene
Concen: 1.642 ng/ul
RT: 24.51 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG046316.D
Acq: 18 Aug 2020 4:38

Instrument :
BNA_G
ClientSampleId :
BFM97

Tgt Ion:252 Resp: 63589

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	9.3	7.1	10.7





#28
Indeno(1,2,3-cd)pyrene
Concen: 1.049 ng/ul
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG046316.D
Acq: 18 Aug 2020 4:38

Tgt Ion:276 Resp: 50877

Ion	Ratio	Lower	Upper
276	100		
138	15.5	13.2	19.8
277	24.7	19.9	29.9