Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041955.D
Acq On : 4 Aug 2019 23:21
Operator : HP/JU
Sample : K3962-22
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENZ8

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8/5/2019 3:04:11 PM

Quant Time: Aug 05 10:16:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 05:06:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	73460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	305612	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	209080	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	443552	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	435888	20.00	ng/ul	0.00
85) Perylene-d12	25.01	264	489635	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	5136	3.06	ng/uL	0.00
5) Phenol-d5	7.18	99	112046	19.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	68997	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	109173	22.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	79845	16.50	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	55731	24.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	70609	26.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	123598	22.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	123170	20.58	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	405113	24.98	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	461287	24.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	38638	14.19	ng/ul	0.00
57) Fluorene-d10	15.69	176	359870	24.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	42529	14.94	ng/ul	0.00
70) Anthracene-d10	17.55	188	553660	26.02	ng/ul	0.00
78) Pyrene-d10	19.83	212	643103	26.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	698401	27.30	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.21	94	9465	1.591	ng/ul	96
44) Dimethylphthalate	14.14	163	169335	10.517	ng/ul	99
69) Phenanthrene	17.49	178	52463	2.161	ng/ul	98
76) Fluoranthene	19.50	202	159952m	5.701	ng/ul	
79) Pyrene	19.86	202	141374	4.822	ng/ul#	94
82) Benzo(a)anthracene	21.71	228	74151	2.454	ng/ul	99
84) Chrysene	21.77	228	85394	3.027	ng/ul	97
87) Benzo(b)fluoranthene	23.97	252	127691	4.156	ng/ul	99
88) Benzo(k)fluoranthene	24.03	252	46018m	1.558	ng/ul	
90) Benzo(a)pyrene	24.85	252	83855	2.864	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.74	276	55438m	1.623	ng/ul	
93) Benzo(g,h,i)perylene	29.91	276	46560	1.633	ng/ul	97

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

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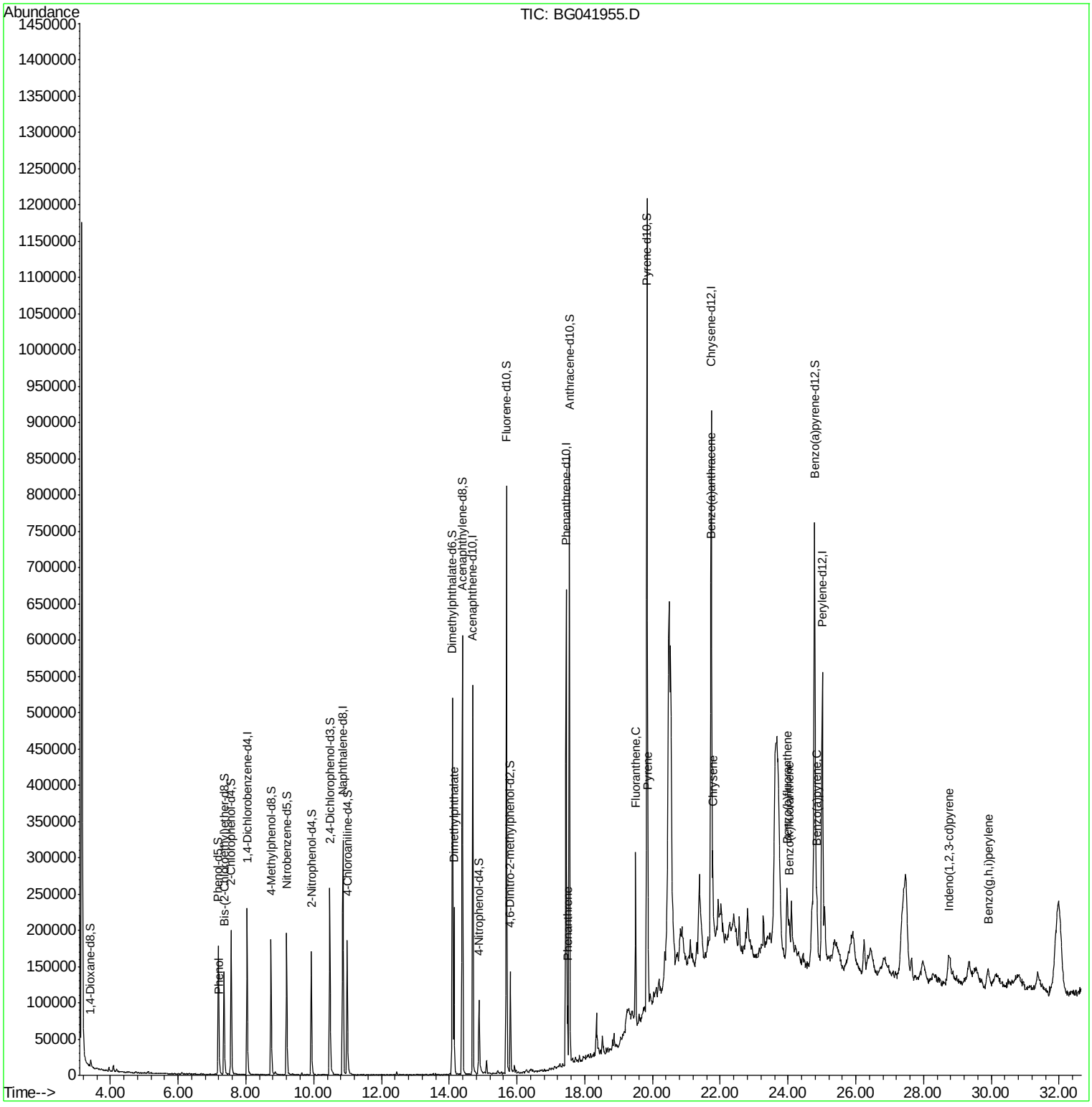
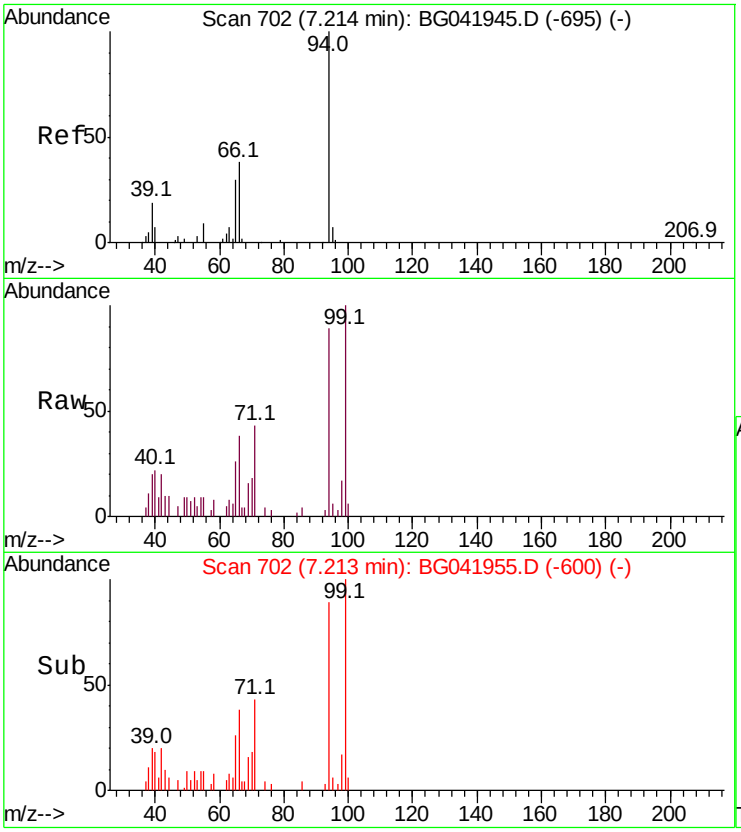
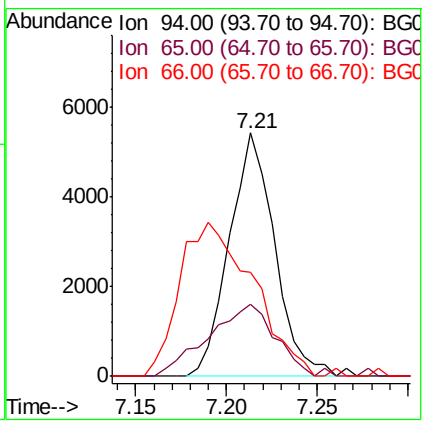




#6
Phenol
Concen: 1.591 ng/ul
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion: 94 Resp: 9465

Ion	Ratio	Lower	Upper
94	100		
65	29.8	25.8	38.6
66	42.5	31.8	47.8



Instrument :
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ClientSampleId :
BENZ8

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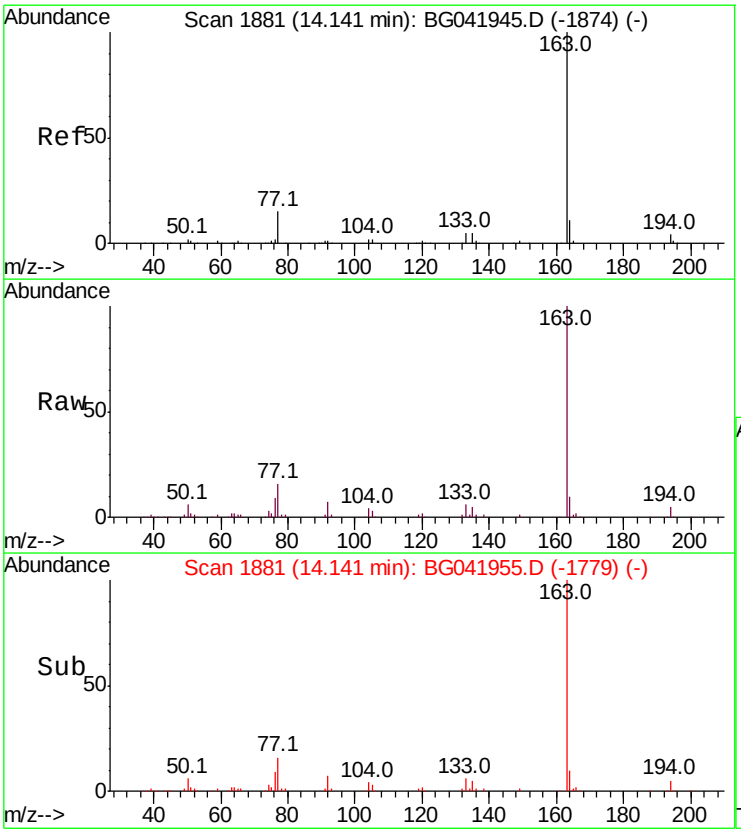
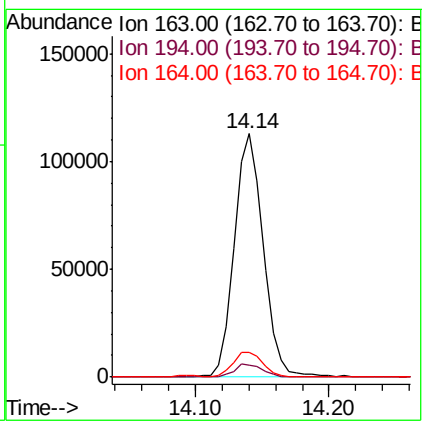
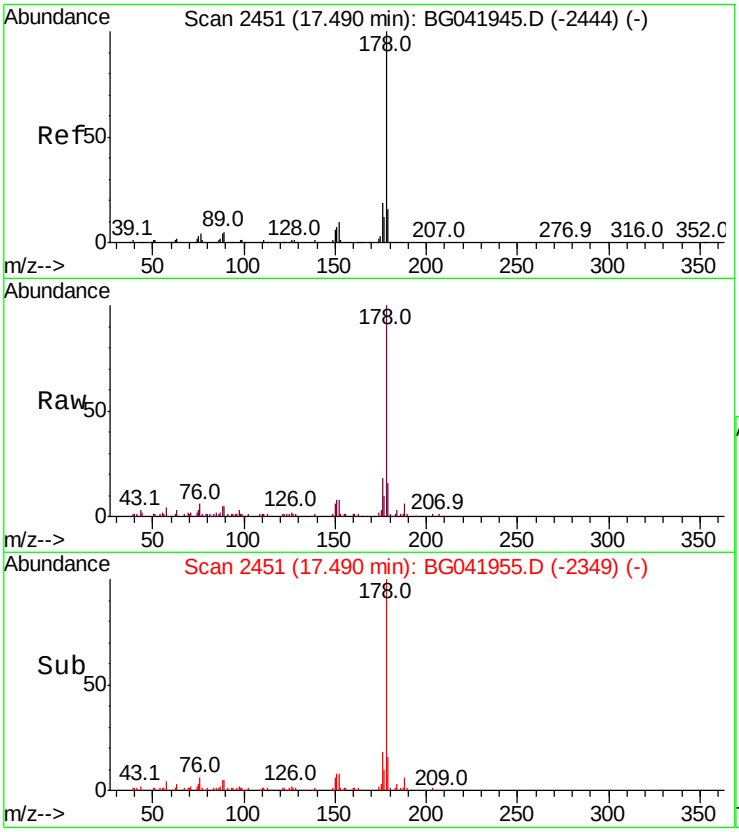


#44
Dimethylphthalate
Concen: 10.517 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:163 Resp: 169335

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	10.2	7.8	11.8

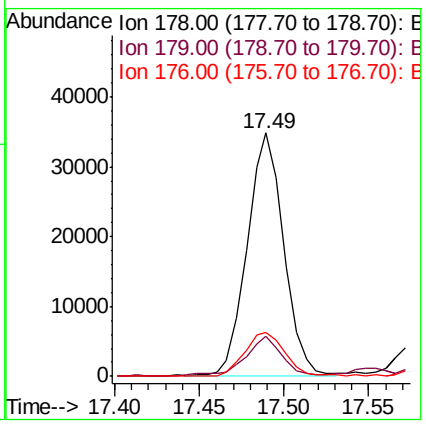




#69
Phenanthrene
Concen: 2.161 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:178 Resp: 52463

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	18.0	15.4	23.2



Instrument :
BNA_G
ClientSampleId :
BENZ8

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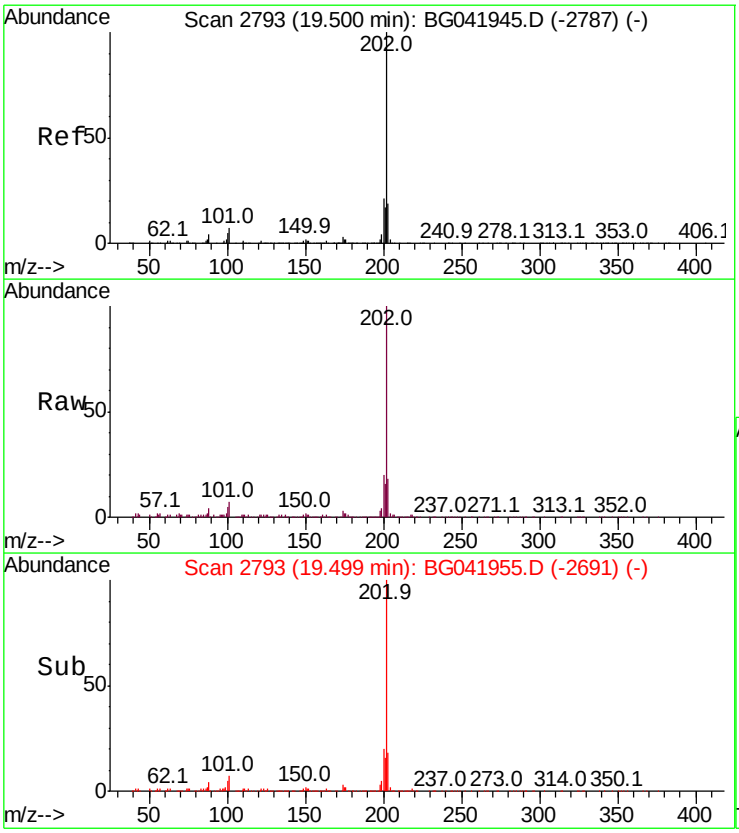
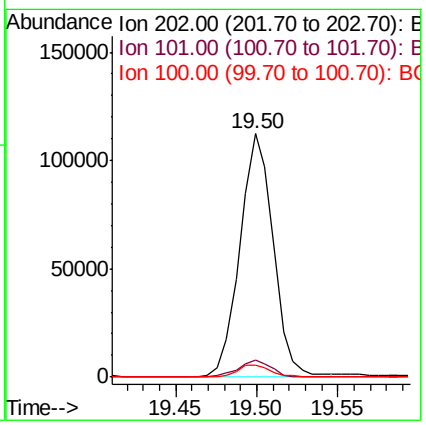
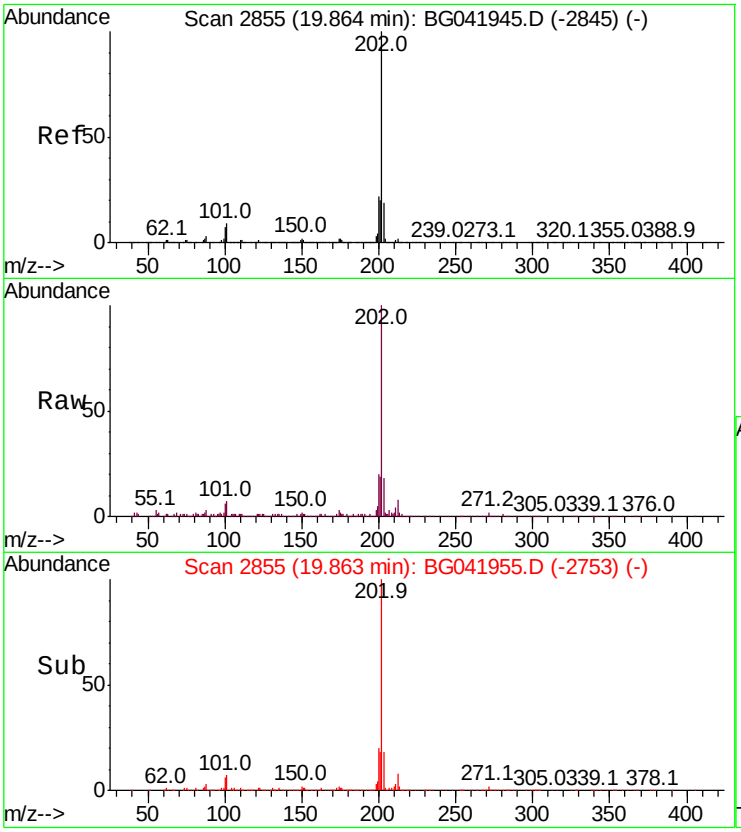


#76
Fluoranthene
Concen: 5.701 ng/ul m
RT: 19.50 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:202 Resp: 159952

Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.7	10.1
100	4.8	5.3	7.9#





#79
Pyrene
Concen: 4.822 ng/ul
RT: 19.86 min Scan# 2855
Delta R.T. -0.00 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:202 Resp: 141374

Ion	Ratio	Lower	Upper
202	100		
101	7.5	7.6	11.4#
100	5.7	6.5	9.7#

Instrument :
BNA_G
ClientSampleId :
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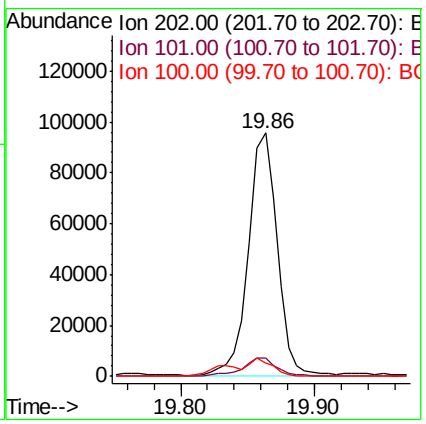
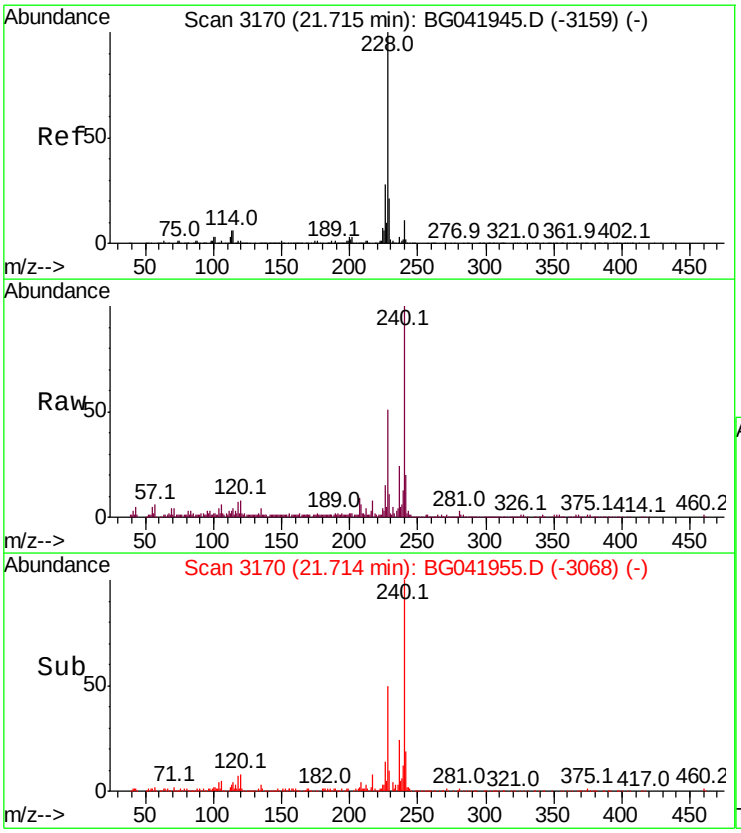
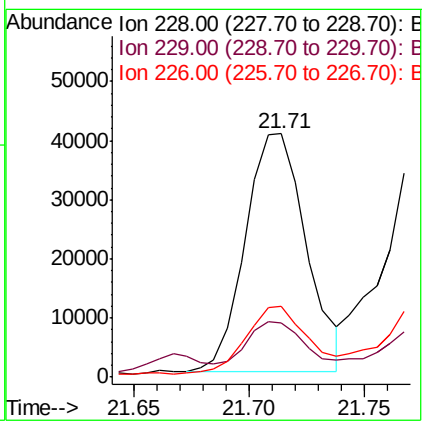


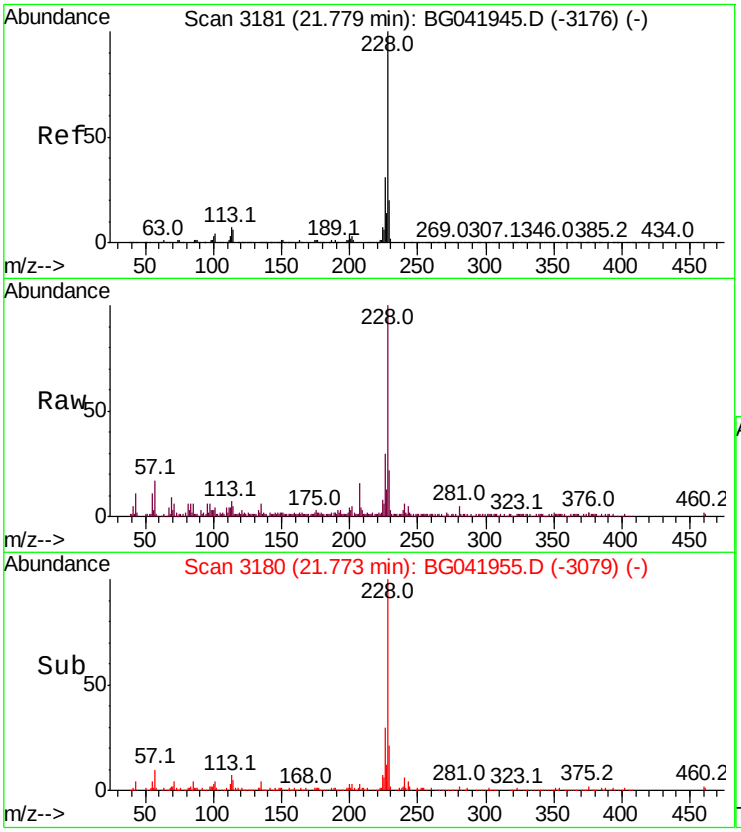


#82
Benzo(a)anthracene
Concen: 2.454 ng/ul
RT: 21.71 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:228 Resp: 74151

Ion	Ratio	Lower	Upper
228	100		
229	22.3	17.0	25.6
226	28.9	23.3	34.9

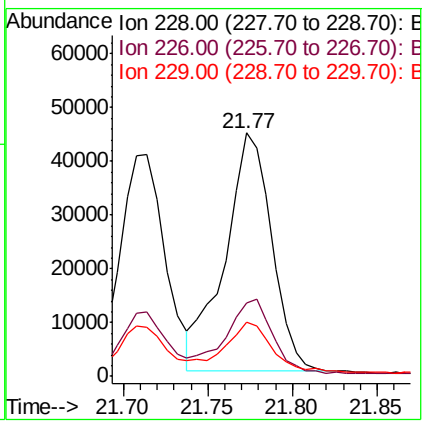




#84
Chrysene
Concen: 3.027 ng/ul
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:228 Resp: 85394

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.7	38.5
229	22.4	16.6	24.8



Instrument :
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ClientSampleId :
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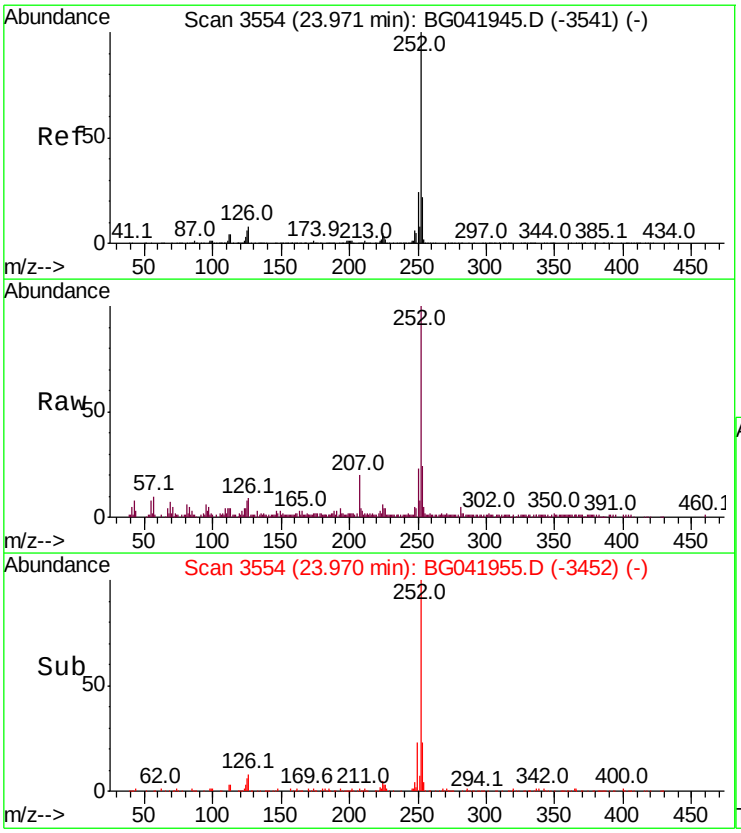
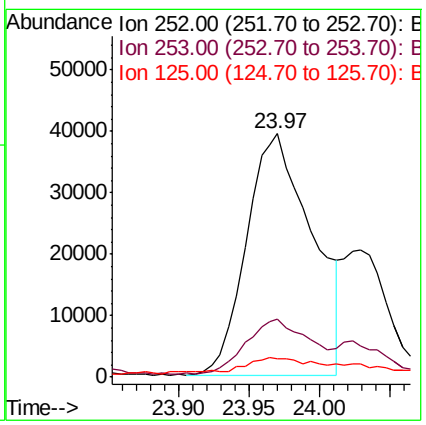
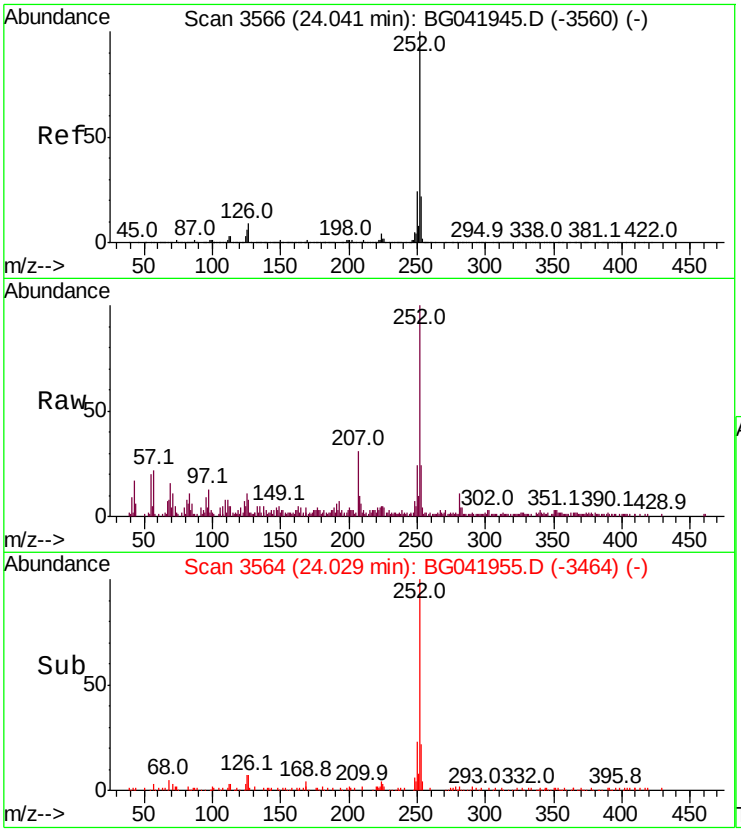


#87
Benzo(b)fluoranthene
Concen: 4.156 ng/ul
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:252 Resp: 127691

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	7.8	5.8	8.8

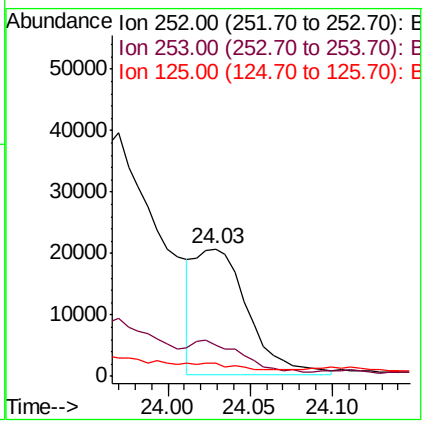




#88
Benzo(k)fluoranthene
Concen: 1.558 ng/ul m
RT: 24.03 min Scan# 3564
Delta R.T. -0.01 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:252 Resp: 46018

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.3	27.5
125	10.7	5.5	8.3#



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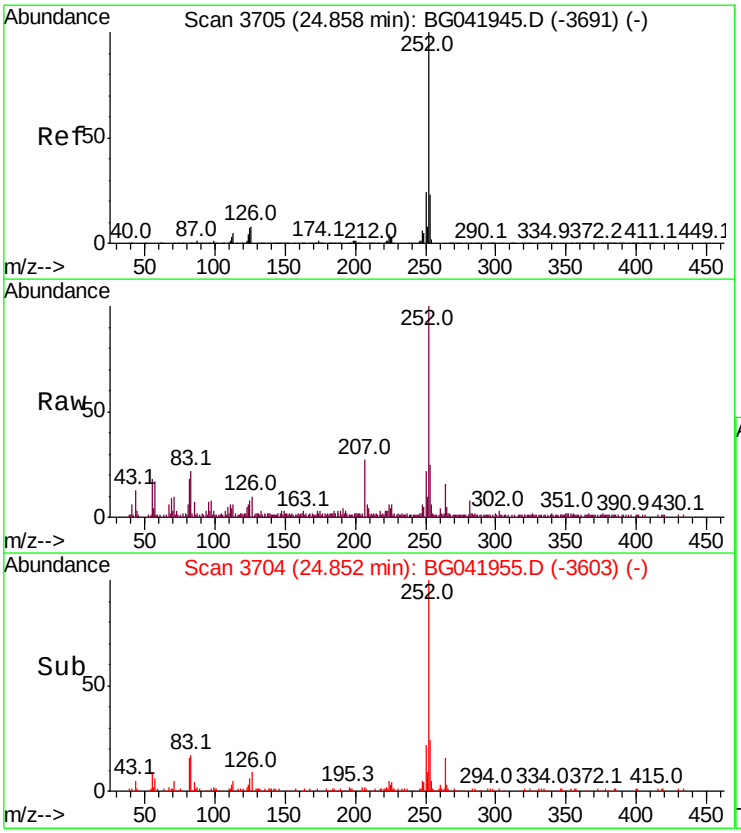
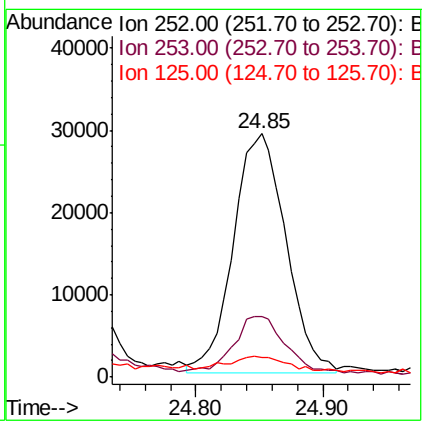
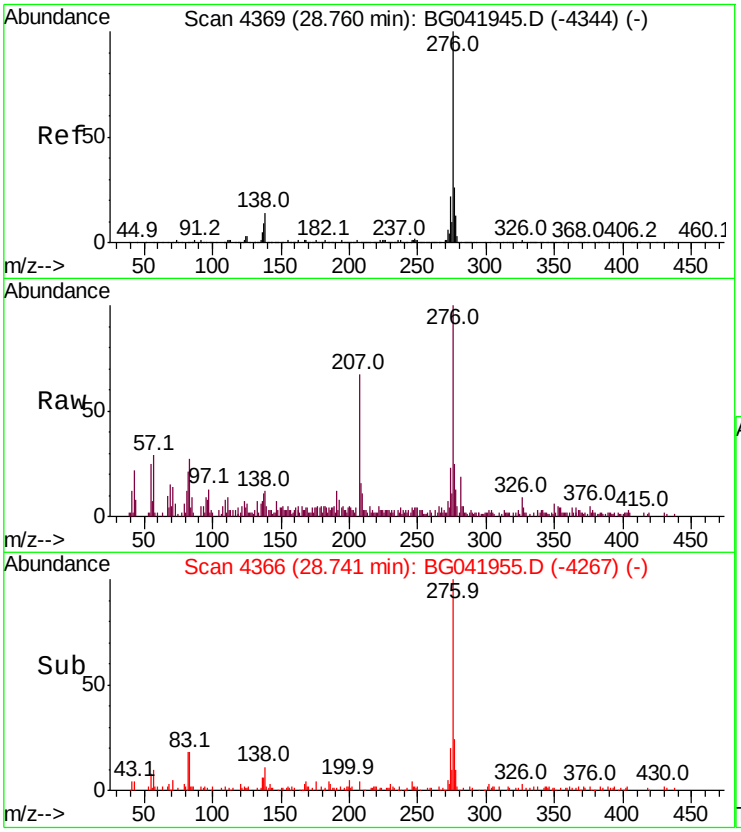


#90
Benzo(a)pyrene
Concen: 2.864 ng/ul
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:252 Resp: 83855

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.3	27.5
125	7.8	6.5	9.7

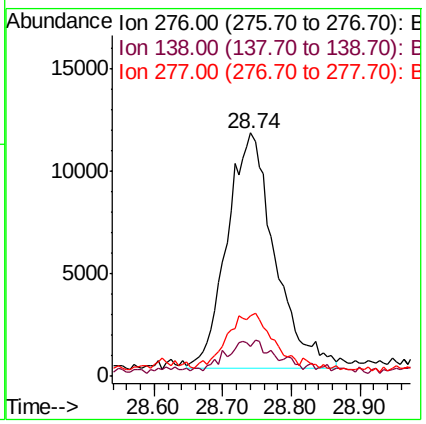




#91
Indeno(1,2,3-cd)pyrene
Concen: 1.623 ng/ul m
RT: 28.74 min Scan# 4366
Delta R.T. -0.02 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:276 Resp: 55438

Ion	Ratio	Lower	Upper
276	100		
138	12.3	12.0	18.0
277	25.1	19.2	28.8



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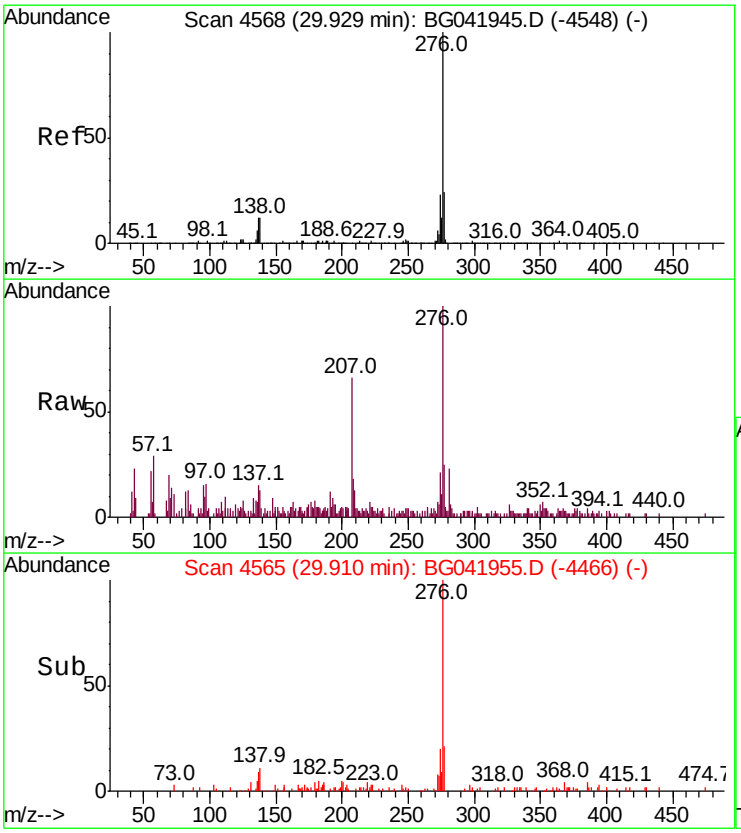

#93
Benzo(g,h,i)perylene
Concen: 1.633 ng/ul
RT: 29.91 min Scan# 4565
Delta R.T. -0.02 min
Lab File: BG041955.D
Acq: 4 Aug 2019 23:21

Tgt Ion:276 Resp: 46560

Ion	Ratio	Lower	Upper
276	100		
138	13.1	12.6	18.8
277	24.7	19.2	28.8