Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029104.D
Acq On : 9 Oct 2017 12:39
Operator : SJ/JU
Sample : I5576-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAF53

Quant Time: Oct 10 04:46:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	46146	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	220597	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	149316	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.66	188	583782	20.00	ng/ul	0.10
17) Chrysene-d12	21.89	240	595	20.00	ng/ul	0.04
22) Perylene-d12	25.18	264	374164	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	550711	35.46	ng/ul	0.00
10) Fluorene-d10	15.81	176	406532	36.09	ng/ul	0.00
14) Anthracene-d10	17.66	188	584611	20.67	ng/ul	0.00
18) Pyrene-d10	19.93	212	686738	22559.08	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	646382	36.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.08	128	29786	2.594	ng/ul	98
4) 2-Methylnaphthalene	12.67	142	13909	1.596	ng/ul	90
5) 1-Methylnaphthalene	12.89	142	8432	1.014	ng/ul#	93
19) Pyrene	19.96	202	108483	2924.896	ng/ul#	92
20) Benzo(a)anthracene	21.89	228	106010	3025.291	ng/ul	94
21) Chrysene	21.89	228	102694	3200.567	ng/ul	97
23) Benzo(b)fluoranthene	24.12	252	146179	6.531	ng/ul	98
24) Benzo(k)fluoranthene	24.12	252	146179	6.691	ng/ul	98
26) Benzo(a)pyrene	24.88	252	60076	2.763	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	28.99	276	74561	3.022	ng/ul	96
29) Benzo(g,h,i)perylene	30.19	276	62264	3.060	ng/ul	94

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

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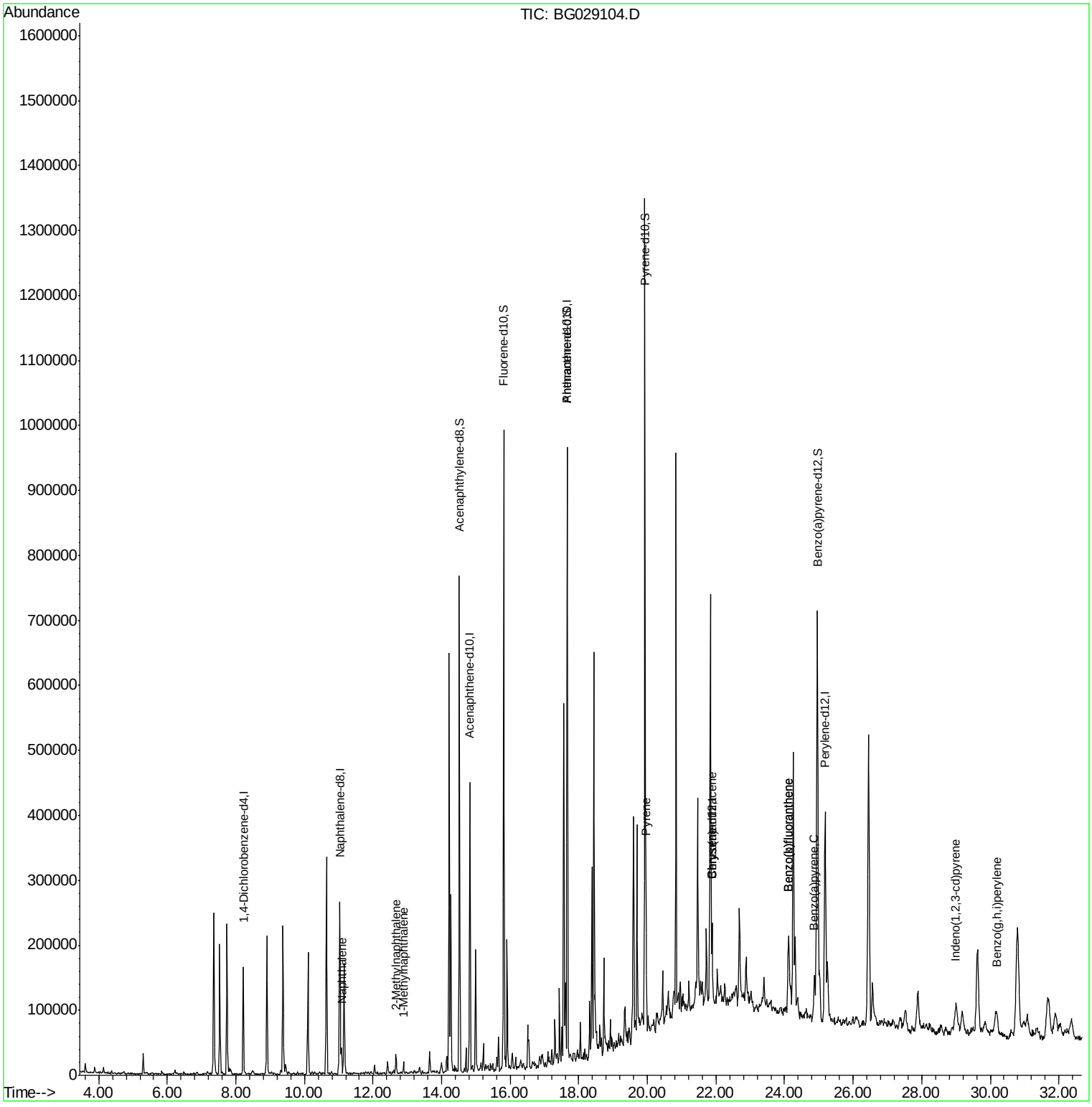
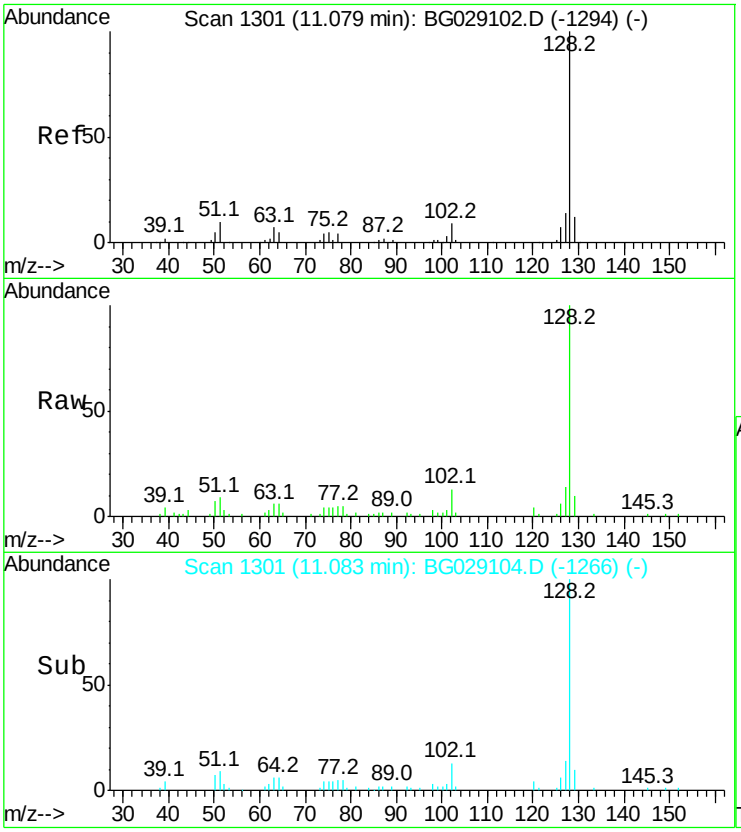


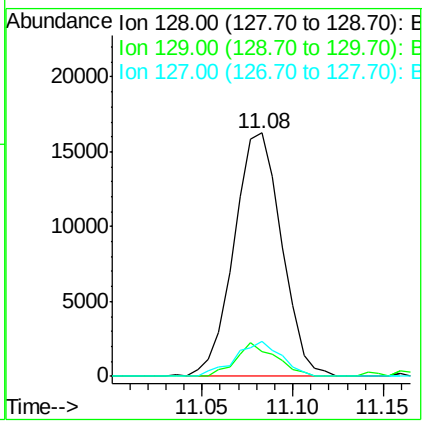


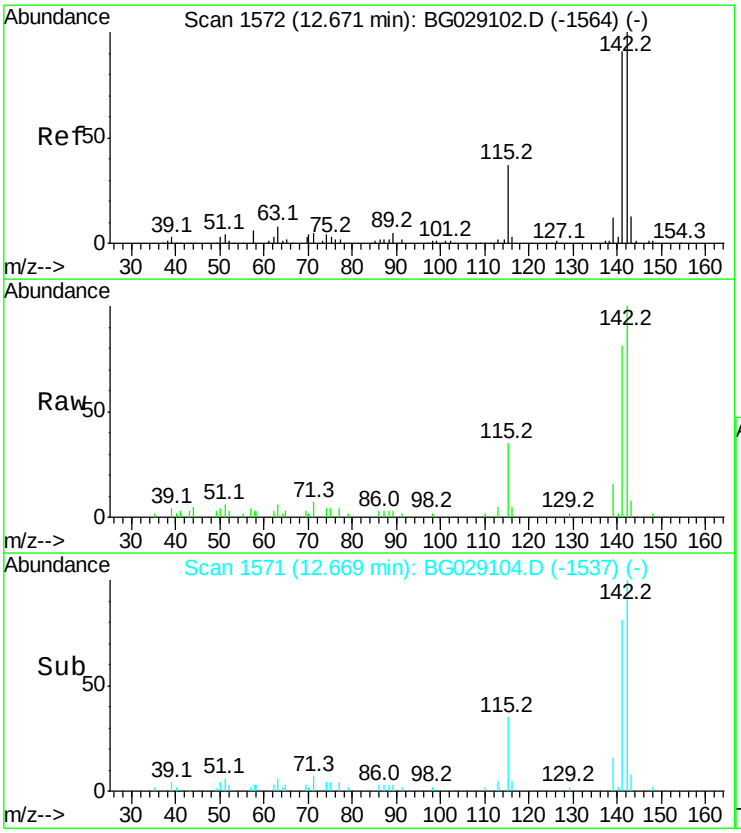
#3
Naphthalene
Concen: 2.594 ng/ul
RT: 11.08 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Instrument :
BNA_G
ClientSampleId :
DAF53

Tgt Ion:128 Resp: 29786

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.7	13.1
127	14.4	10.6	16.0

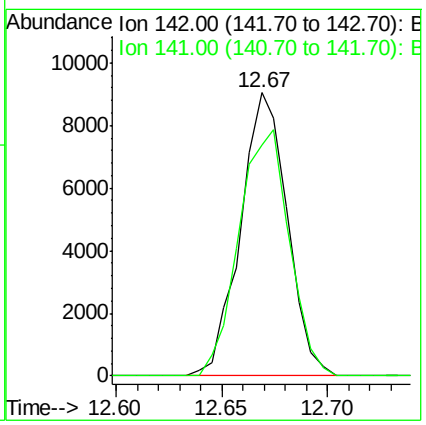


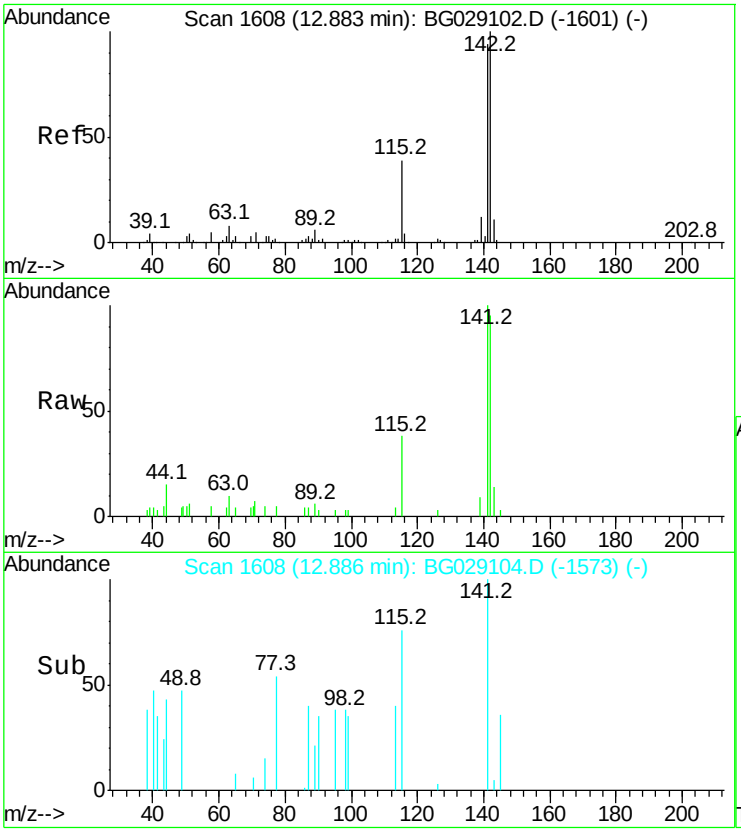


#4
2-Methylnaphthalene
Concen: 1.596 ng/ul
RT: 12.67 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Tgt Ion:142 Resp: 13909

Ion	Ratio	Lower	Upper
142	100		
141	81.4	72.7	109.1



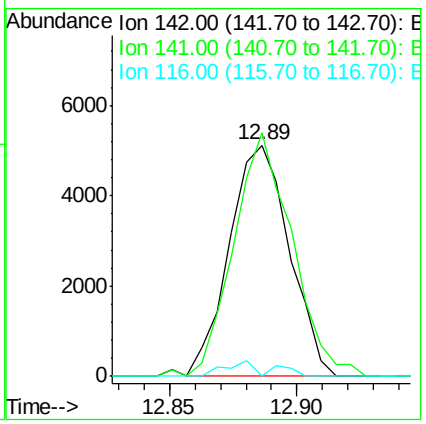


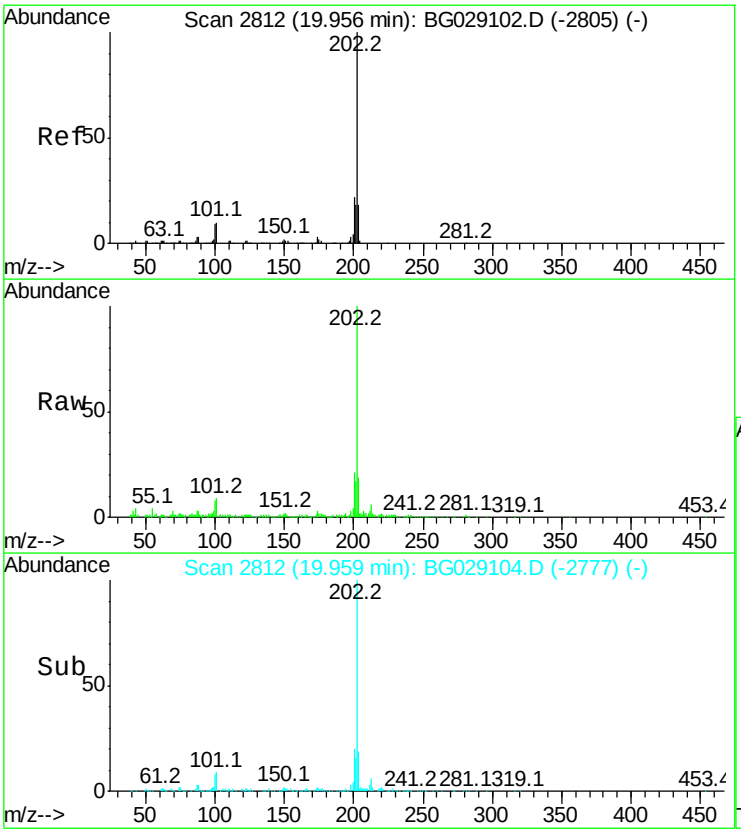
#5
1-Methylnaphthalene
Concen: 1.014 ng/ul
RT: 12.89 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Instrument :
BNA_G
ClientSampleId :
DAF53

Tgt Ion:142 Resp: 8432

Ion	Ratio	Lower	Upper
142	100		
141	105.4	79.3	118.9
116	0.0	4.2	6.2#

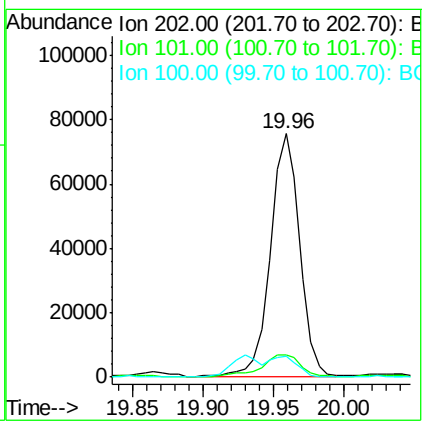


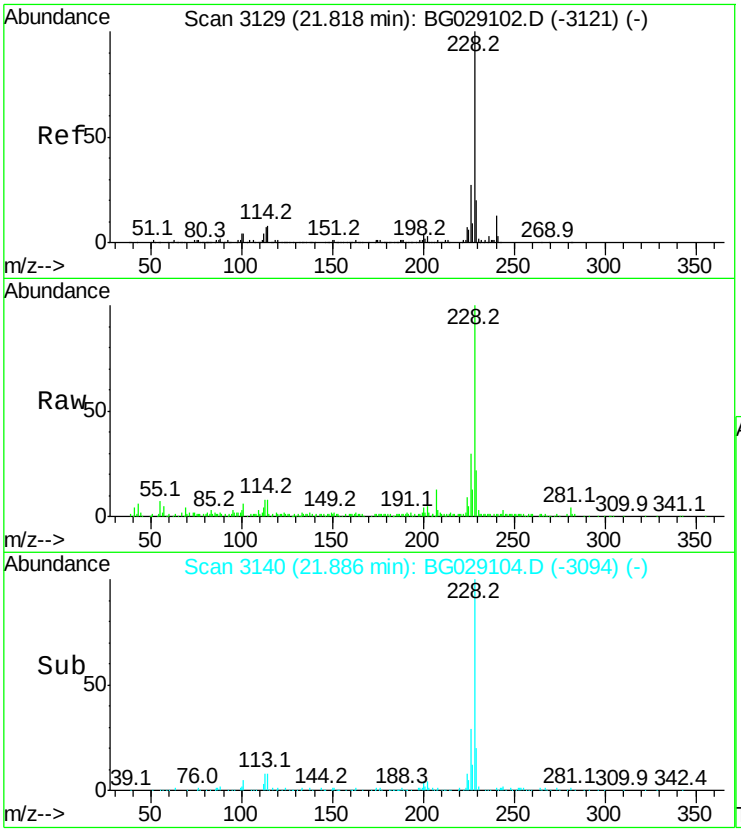


#19
Pyrene
Concen: 2924.896 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Tgt Ion:202 Resp: 108483

Ion	Ratio	Lower	Upper
202	100		
101	9.3	11.0	16.4#
100	8.4	8.1	12.1



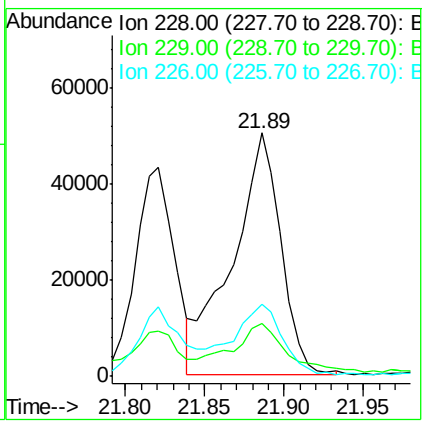


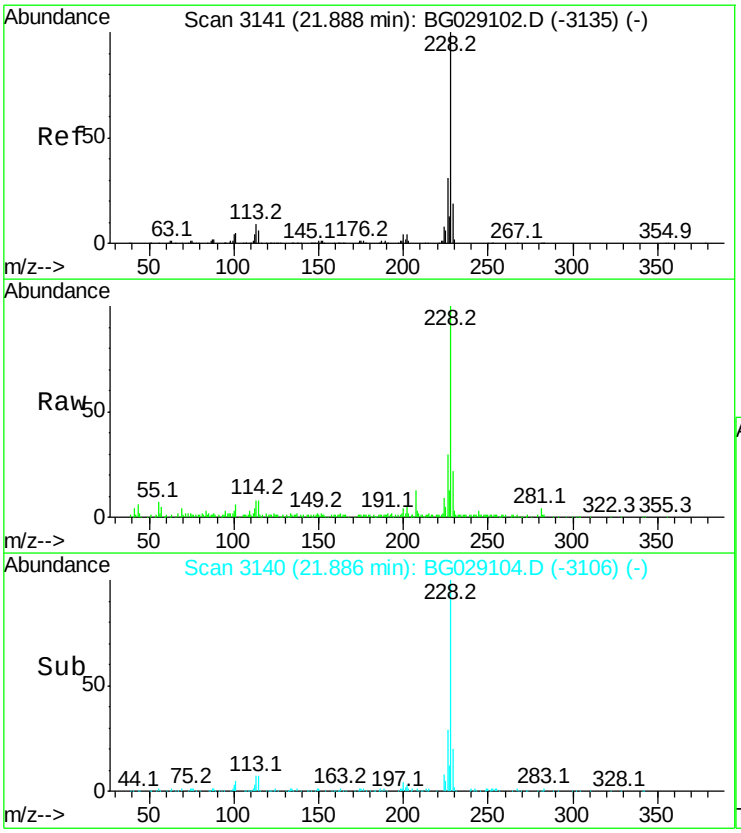
#20
Benzo(a)anthracene
Concen: 3025.291 ng/ul
RT: 21.89 min Scan# 3140
Delta R.T. 0.07 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Instrument :
BNA_G
ClientSampleId :
DAF53

Tgt Ion:228 Resp: 106010

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	29.7	21.1	31.7

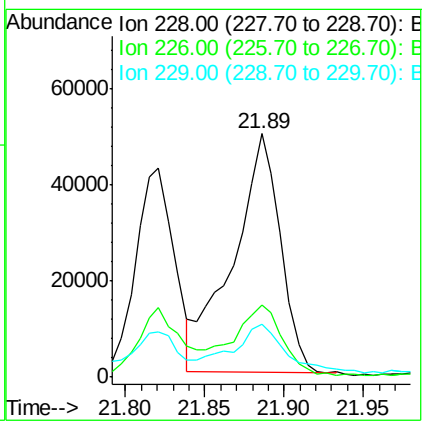


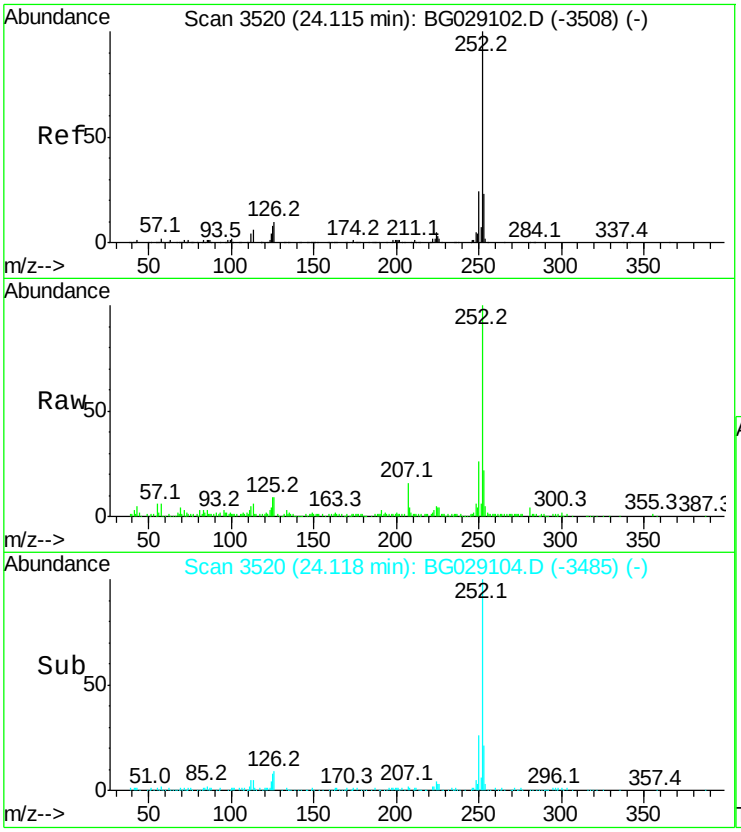


#21
Chrysene
Concen: 3200.567 ng/ul
RT: 21.89 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Tgt Ion:228 Resp: 102694

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	21.6	15.8	23.8



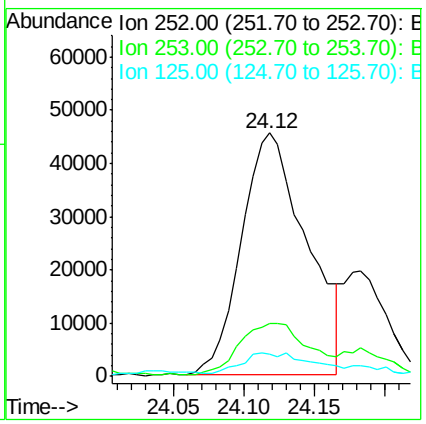


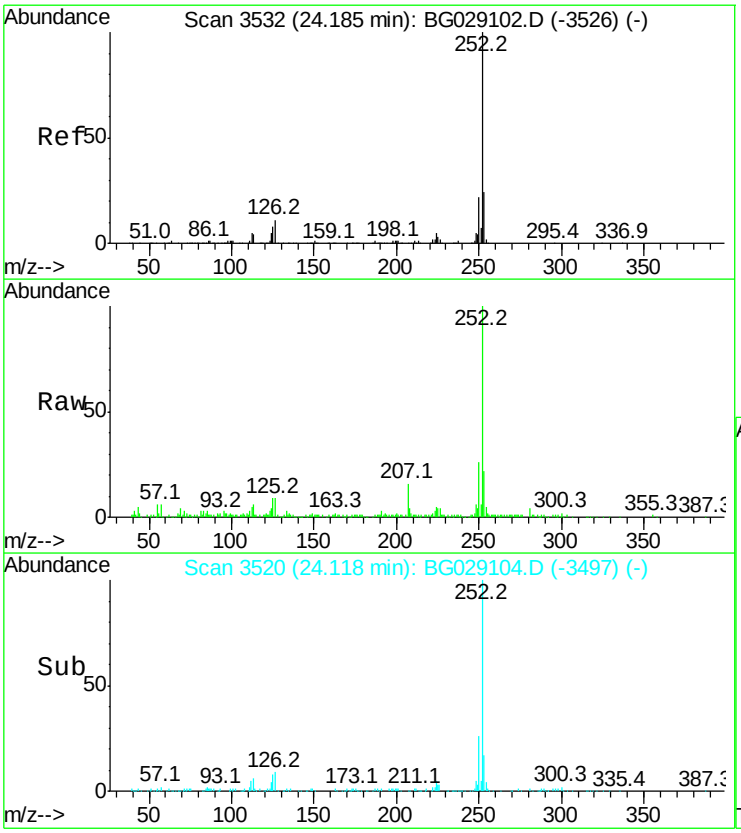
#23
Benzo(b)fluoranthene
Concen: 6.531 ng/ul
RT: 24.12 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Instrument :
BNA_G
ClientSampleId :
DAF53

Tgt Ion:252 Resp: 146179

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	9.4	8.0	12.0

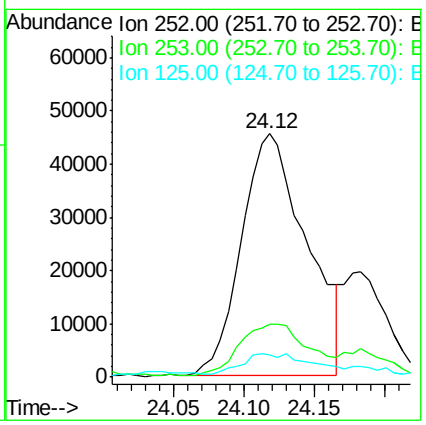


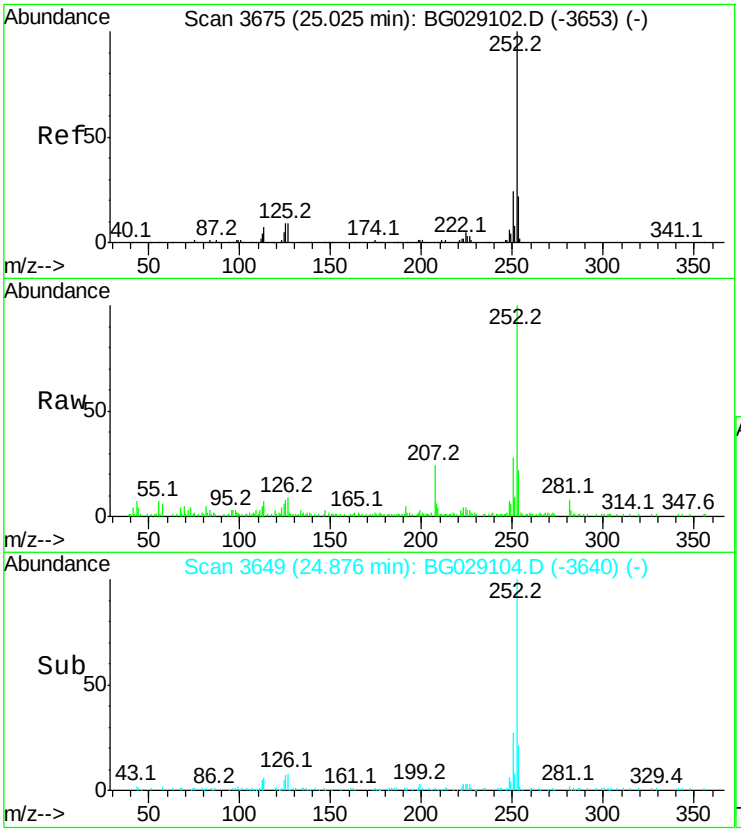


#24
Benzo(k)fluoranthene
Concen: 6.691 ng/ul
RT: 24.12 min Scan# 3520
Delta R.T. -0.07 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Tgt Ion:252 Resp: 146179

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	9.4	8.1	12.1



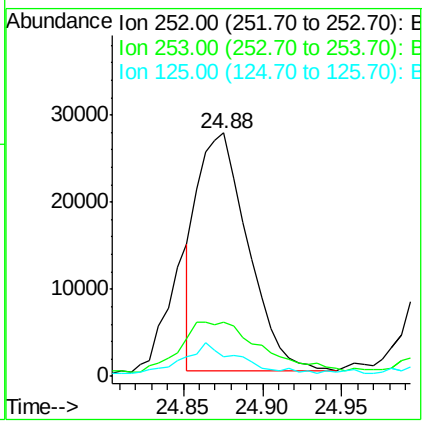


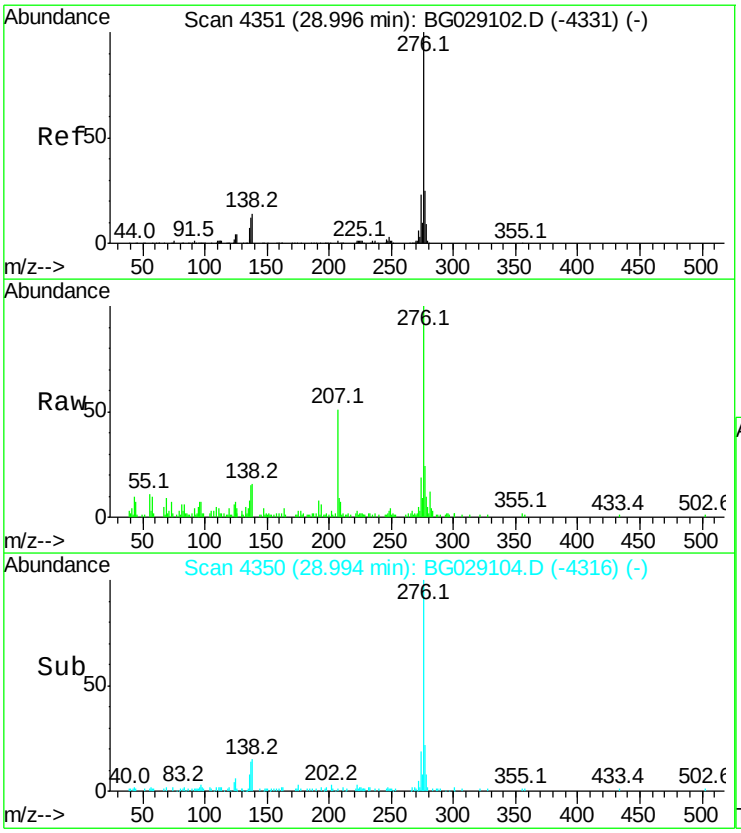
#26
Benzo(a)pyrene
Concen: 2.763 ng/ul
RT: 24.88 min Scan# 3649
Delta R.T. -0.15 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Instrument :
BNA_G
ClientSampleId :
DAF53

Tgt Ion:252 Resp: 60076

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	8.3	8.2	12.4

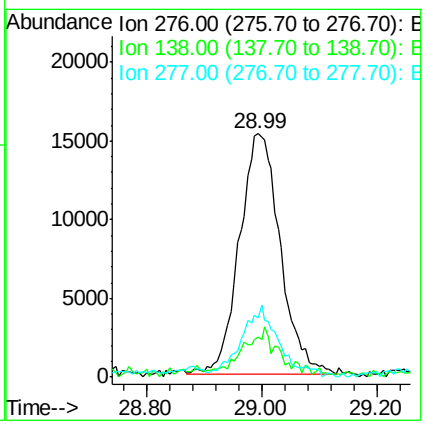


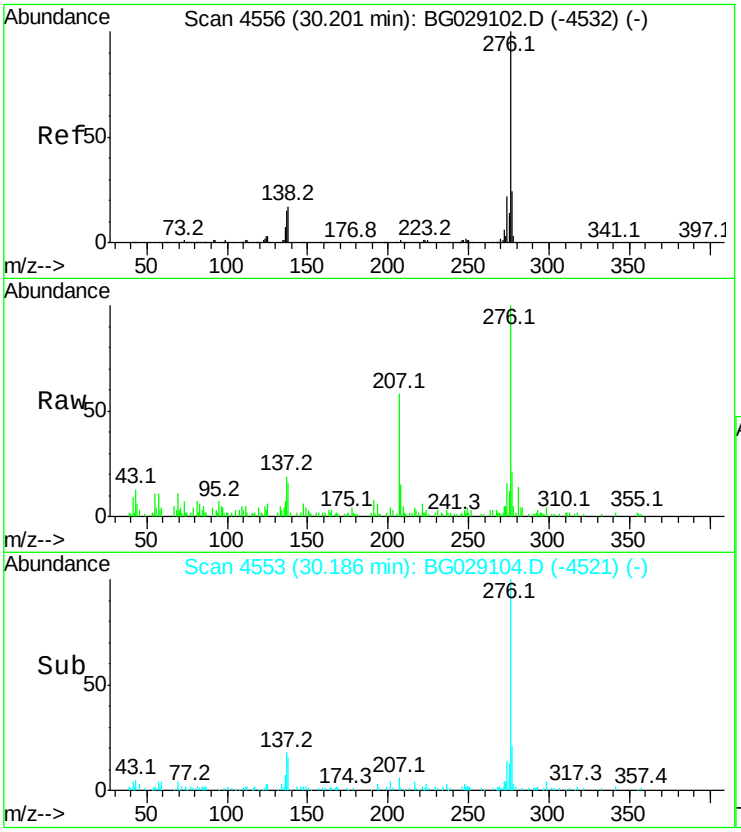


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.022 ng/ul
RT: 28.99 min Scan# 4350
Delta R.T. -0.00 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Tgt Ion:276 Resp: 74561

Ion	Ratio	Lower	Upper
276	100		
138	16.5	14.4	21.6
277	24.3	18.0	27.0





#29
Benzo(g,h,i)perylene
Concen: 3.060 ng/ul
RT: 30.19 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG029104.D
Acq: 9 Oct 2017 12:39

Instrument :
BNA_G
ClientSampleId :
DAF53

Tgt Ion:276 Resp: 62264

Ion	Ratio	Lower	Upper
276	100		
138	15.8	15.3	22.9
277	21.0	19.0	28.4