

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027040.D
 Acq On : 19 May 2017 15:02
 Operator : SJ/MA
 Sample : I3136-16
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC26

Manual Integrations
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mohammad
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Quant Time: May 19 16:15:05 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	203665	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	929936	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	468383	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	840669	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	749299	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	689491	20.00	ng/ul	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	797798	16.61	ng/ul	0.00
10) Fluorene-d10	15.61	176	499561	15.59	ng/ul	0.00
14) Anthracene-d10	17.45	188	692217m	16.89	ng/ul	0.00
18) Pyrene-d10	19.74	212	660287	16.88	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	564906	16.49	ng/ul	0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.86	128	212768	4.41	ng/ul	99
4) 2-Methylnaphthalene	12.46	142	56136	1.57	ng/ul	99
5) 1-Methylnaphthalene	12.68	142	55043	1.43	ng/ul	95
9) Acenaphthene	14.68	153	71915	2.18	ng/ul	98
11) Fluorene	15.66	166	127664	3.62	ng/ul	94
13) Phenanthrene	17.40	178	1321904	28.13	ng/ul	96
15) Anthracene	17.49	178	207405	4.30	ng/ul	98
16) Fluoranthene	19.41	202	1837536	38.25	ng/ul#	89
19) Pyrene	19.77	202	1468389	29.98	ng/ul#	85
20) Benzo(a)anthracene	21.59	228	834691	18.49	ng/ul	96
21) Chrysene	21.66	228	881264	21.26	ng/ul	95
23) Benzo(b)fluoranthene	23.78	252	1121303	27.36	ng/ul#	91
24) Benzo(k)fluoranthene	23.84	252	535480m	12.70	ng/ul	
26) Benzo(a)pyrene	24.64	252	646599	16.13	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	28.40	276	393391	10.67	ng/ul#	83
28) Dibenzo(a,h)anthracene	28.42	278	96095m	3.02	ng/ul	
29) Benzo(g,h,i)perylene	29.55	276	293567m	10.01	ng/ul	

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

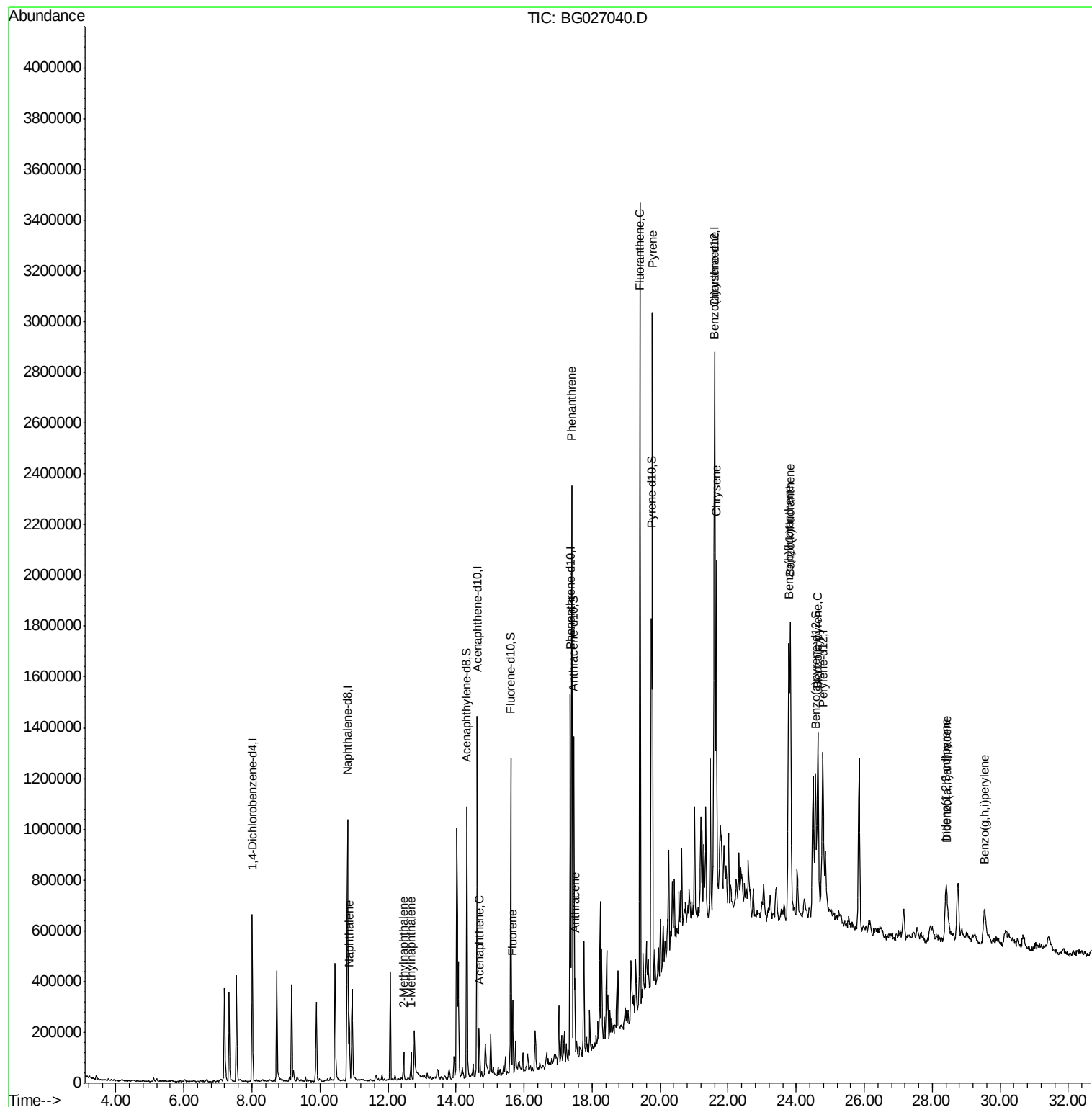
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027040.D
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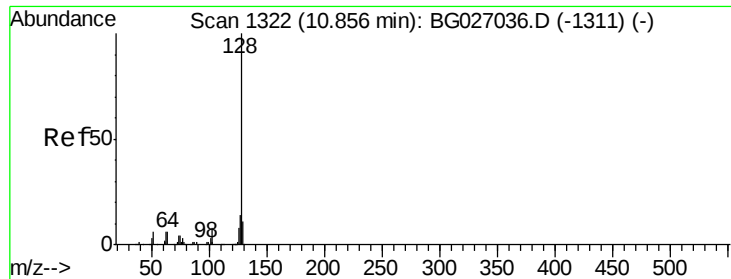
Instrument :
BNA_G
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Quant Time: May 19 16:15:05 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 4.41 ng/ul

RT: 10.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BG027040.D

Acq: 19 May 2017 15:02

Instrument :

BNA_G

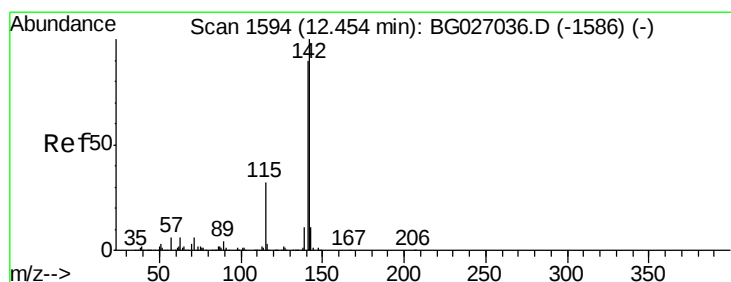
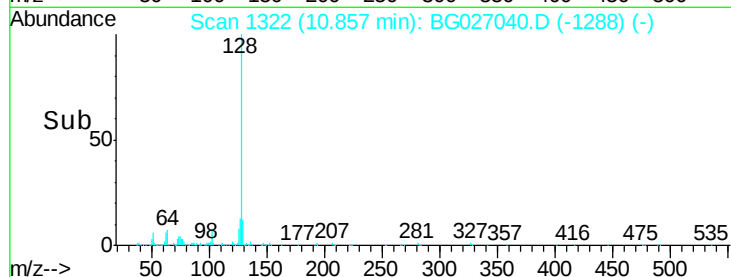
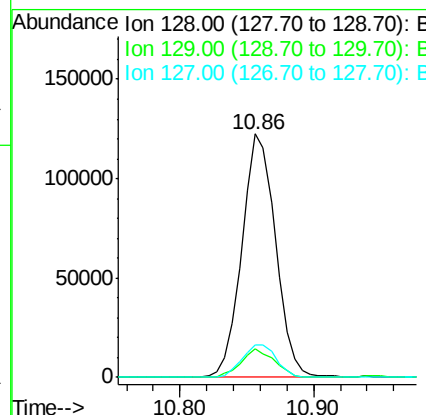
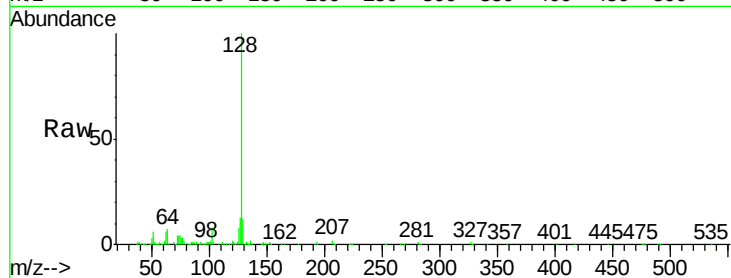
ClientSampleId :

DAC26

Tgt Ion:	128	Resp:	212768
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.7	13.1
127	13.5	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 1.57 ng/ul

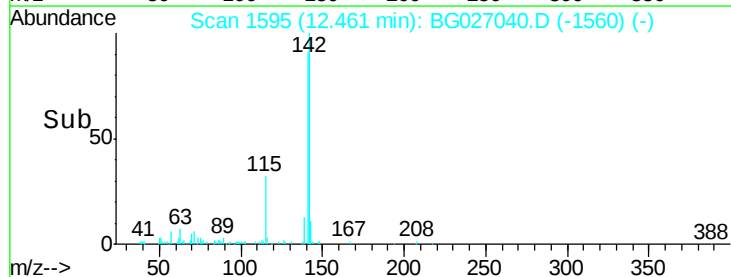
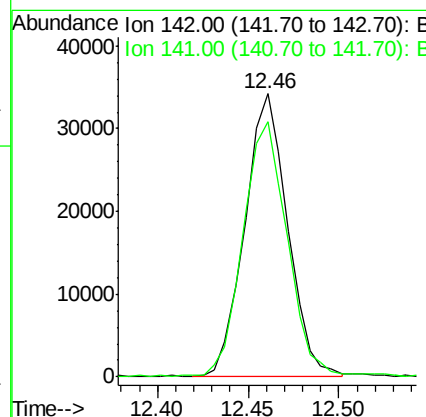
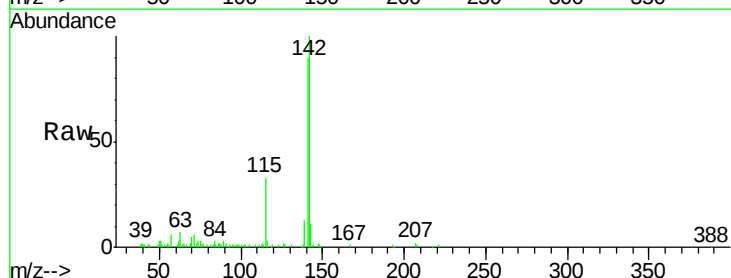
RT: 12.46 min Scan# 1595

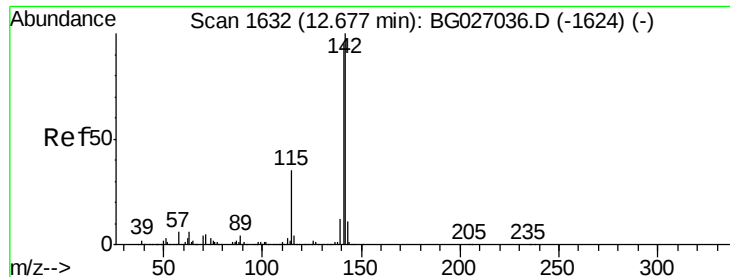
Delta R.T. 0.01 min

Lab File: BG027040.D

Acq: 19 May 2017 15:02

Tgt Ion:	142	Resp:	56136
Ion Ratio	Lower	Upper	
142	100		
141	90.2	72.7	109.1





#5

1-Methylnaphthalene

Concen: 1.43 ng/ul

RT: 12.68 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BG027040.D

Acq: 19 May 2017 15:02

Instrument :

BNA_G

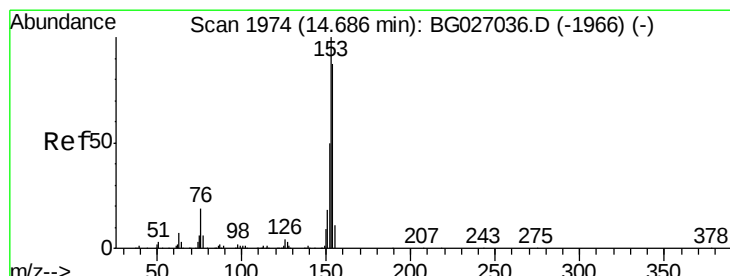
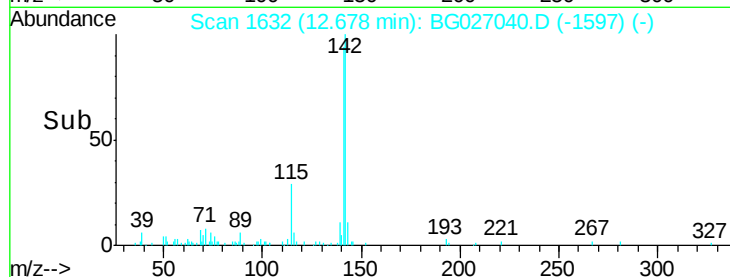
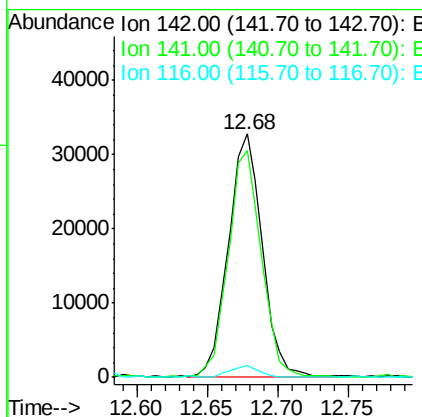
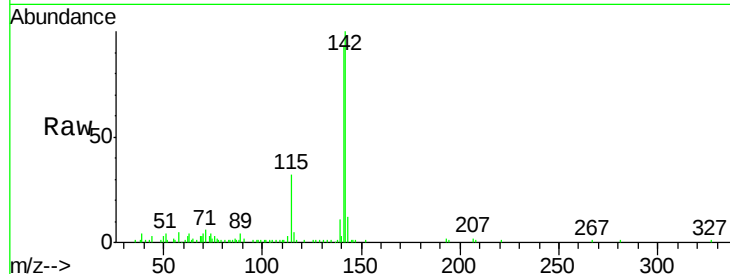
ClientSampleId :

DAC26

Tgt Ion:	142	Resp:	55043
Ion Ratio	Lower	Upper	
142	100		
141	93.4	79.3	118.9
116	5.0	4.2	6.2

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#9

Acenaphthene

Concen: 2.18 ng/ul

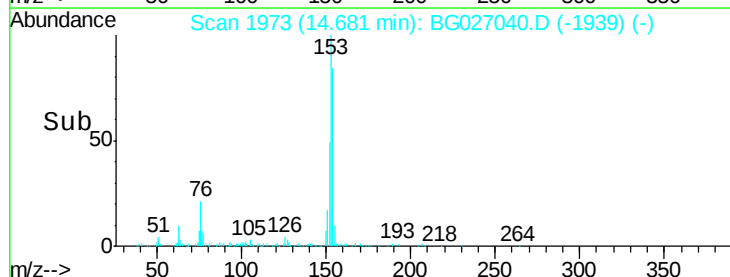
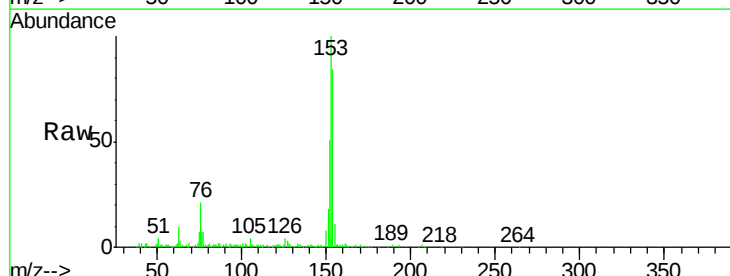
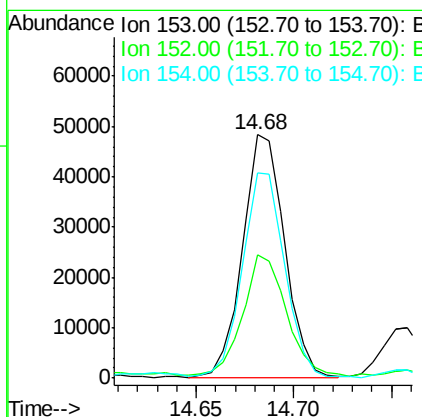
RT: 14.68 min Scan# 1973

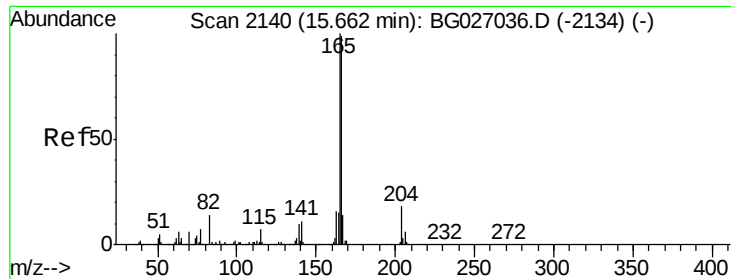
Delta R.T. 0.00 min

Lab File: BG027040.D

Acq: 19 May 2017 15:02

Tgt Ion:	153	Resp:	71915
Ion Ratio	Lower	Upper	
153	100		
152	50.9	39.0	58.6
154	84.3	66.8	100.2





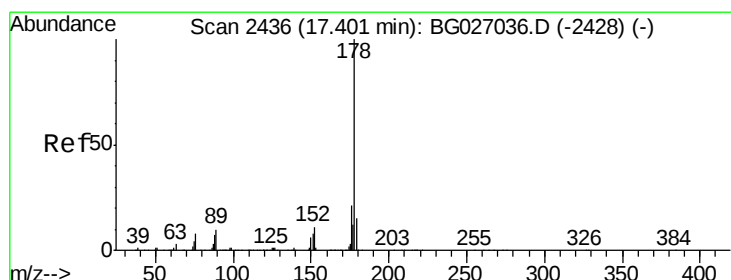
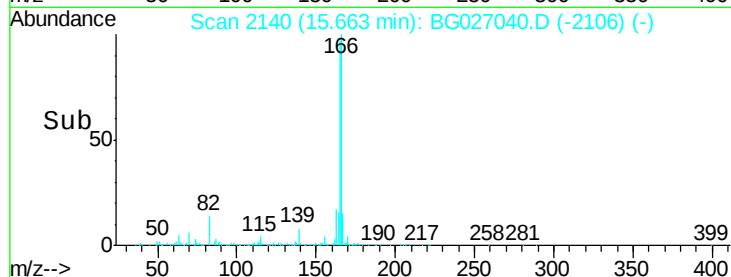
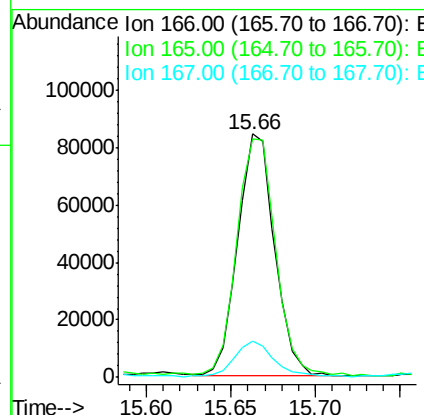
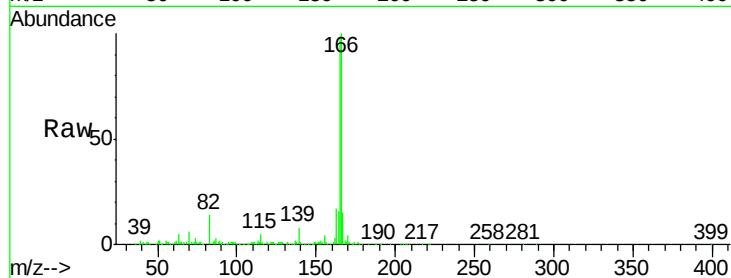
#11
Fluorene
Concen: 3.62 ng/ul
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG027040.D
Acq: 19 May 2017 15:02

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	127664		
165	97.7	83.8	125.8	
167	15.1	11.5	17.3	

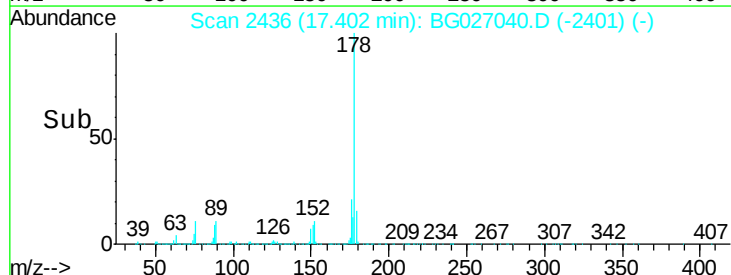
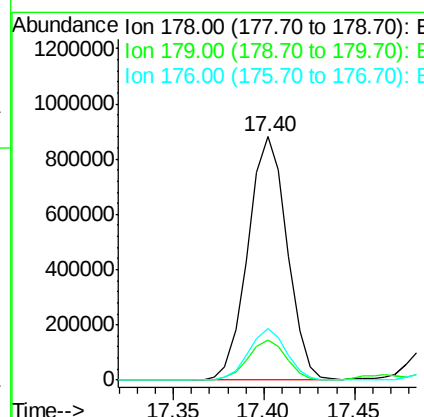
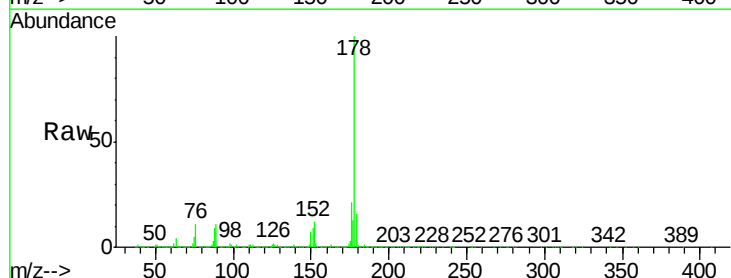
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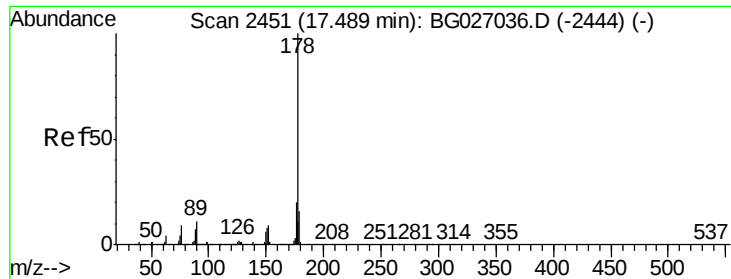
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#13
Phenanthrene
Concen: 28.13 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG027040.D
Acq: 19 May 2017 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1321904		
179	16.3	12.3	18.5	
176	21.2	15.1	22.7	





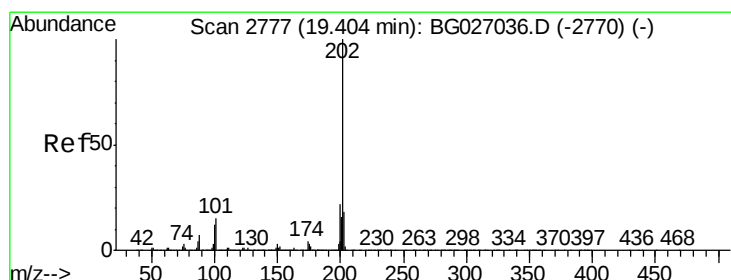
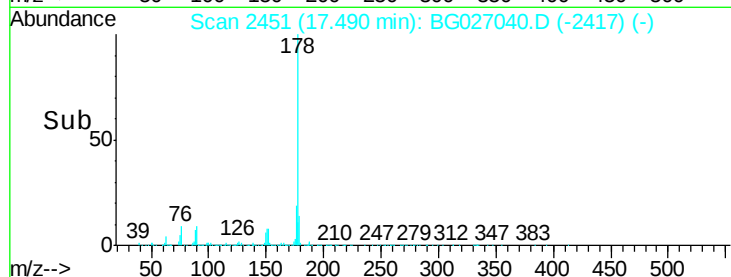
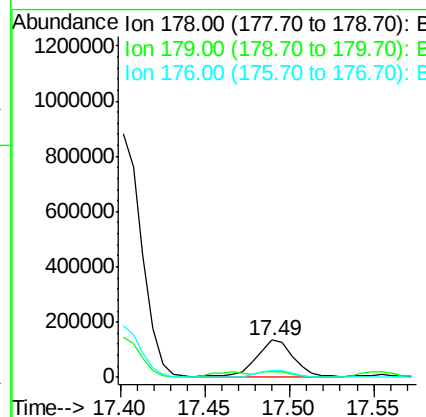
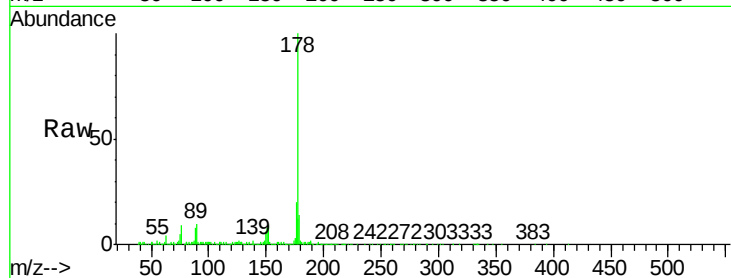
#15
 Anthracene
 Concen: 4.30 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BG027040.D
 Acq: 19 May 2017 15:02

Instrument :
 BNA_G
 ClientSampled :
 DAC26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.9	11.8	17.8
176	19.7	15.2	22.8

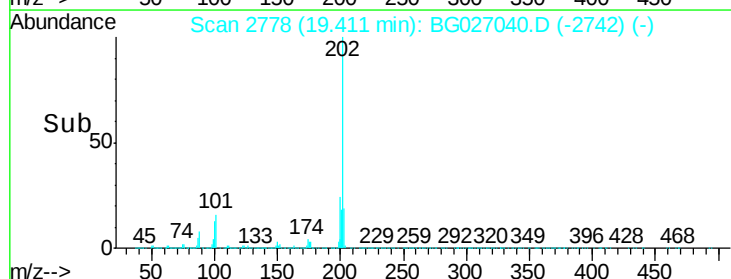
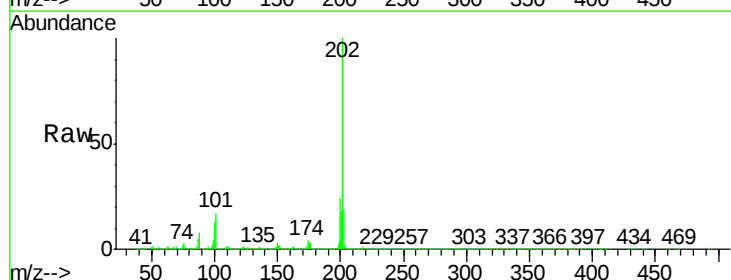
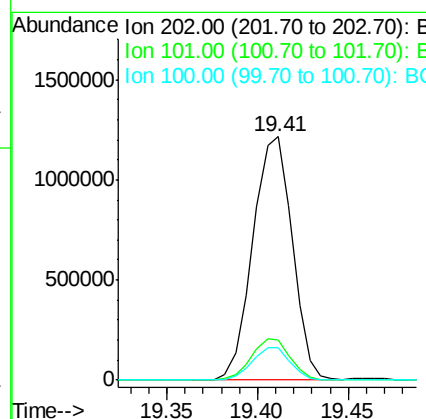
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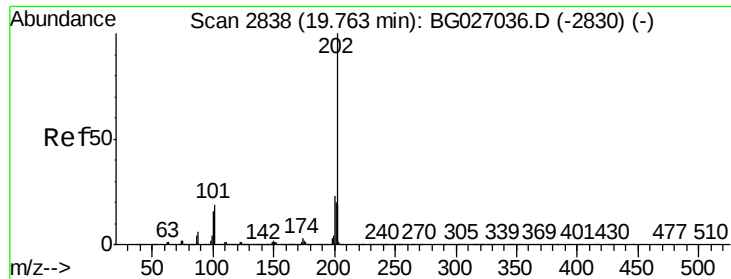
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#16
 Fluoranthene
 Concen: 38.25 ng/ul
 RT: 19.41 min Scan# 2778
 Delta R.T. 0.01 min
 Lab File: BG027040.D
 Acq: 19 May 2017 15:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.5	9.9	14.9#
100	13.4	7.4	11.0#





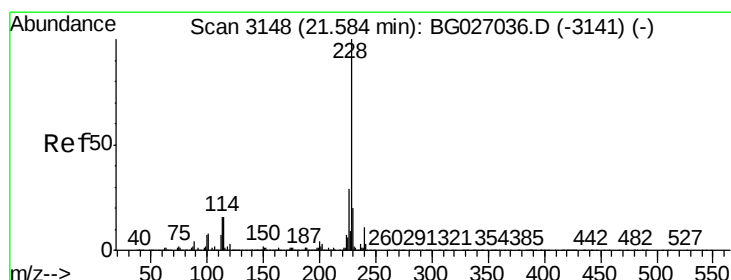
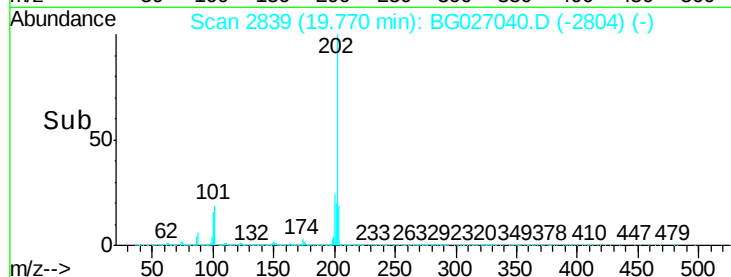
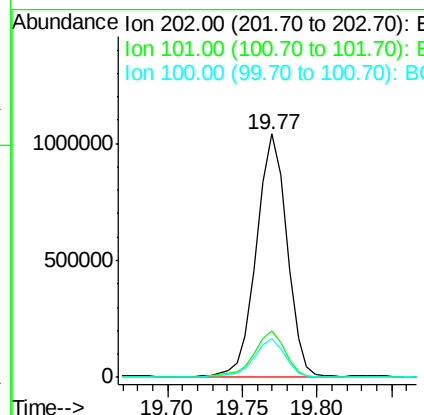
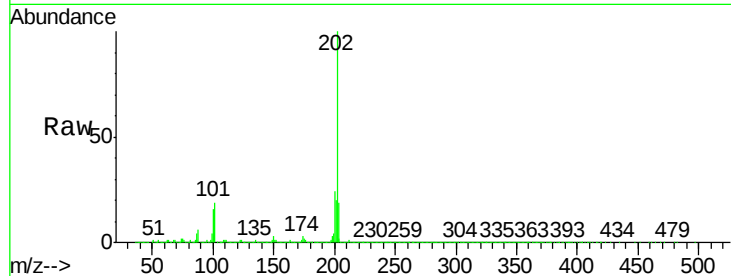
#19
Pyrene
Concen: 29.98 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.01 min
Lab File: BG027040.D
Acq: 19 May 2017 15:02

Instrument :
BNA_G
ClientSampleId :
DAC26

Tgt Ion	Ratio	Lower	Upper
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101	19.1	11.0	16.4#
100	16.1	8.1	12.1#

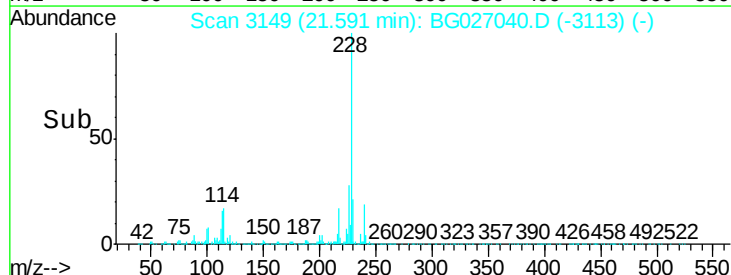
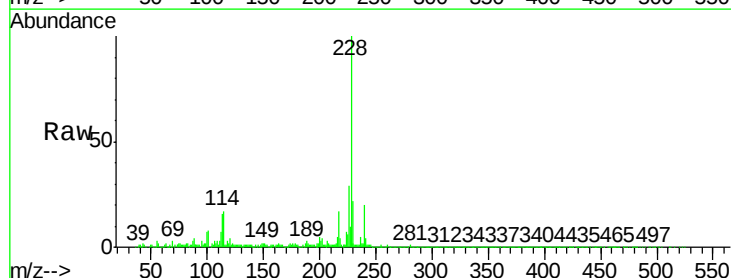
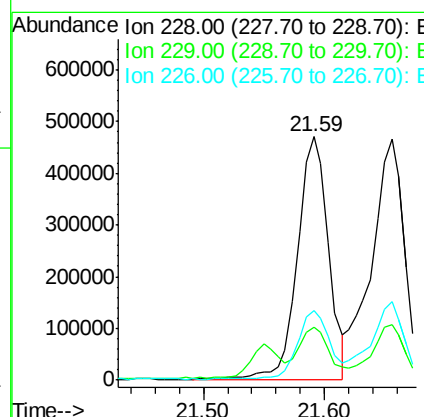
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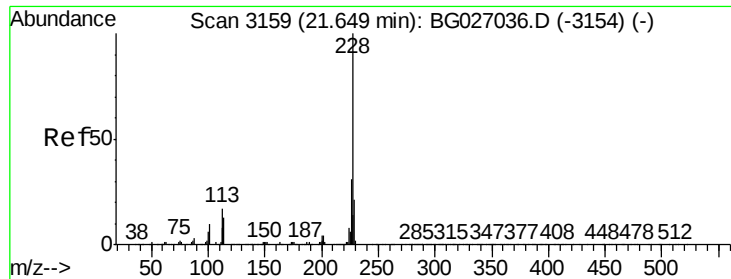
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#20
Benzo(a)anthracene
Concen: 18.49 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BG027040.D
Acq: 19 May 2017 15:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	28.8	21.1	31.7





#21

Chrysene

Concen: 21.26 ng/ul

RT: 21.66 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG027040.D

Acq: 19 May 2017 15:02

Instrument :

BNA_G

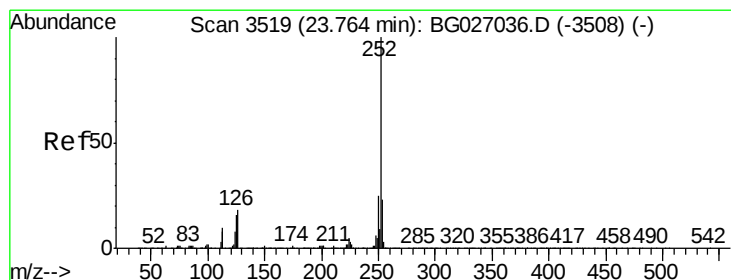
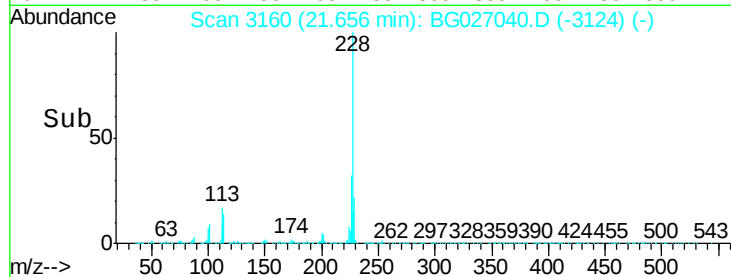
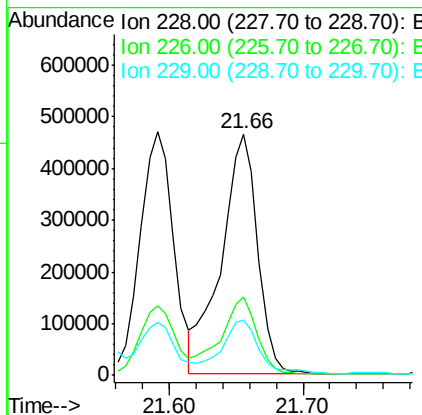
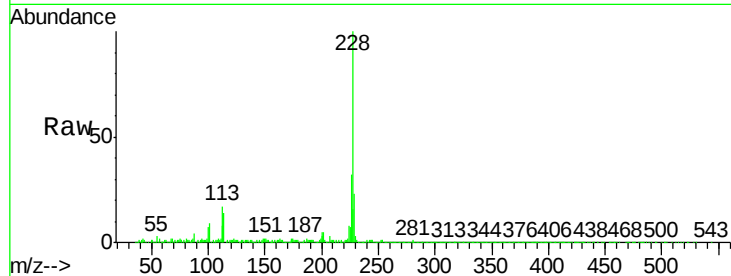
ClientSampleId :

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Tgt Ion:	228	Resp:	881264
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.5	36.7
229	22.9	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 27.36 ng/ul

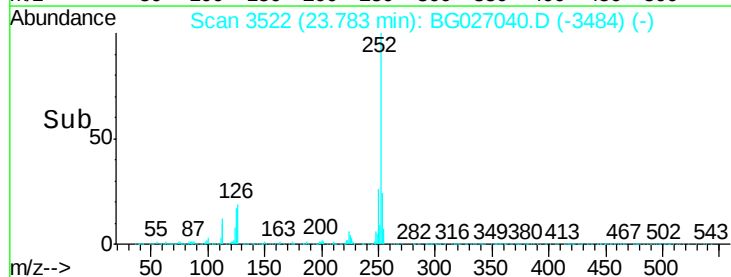
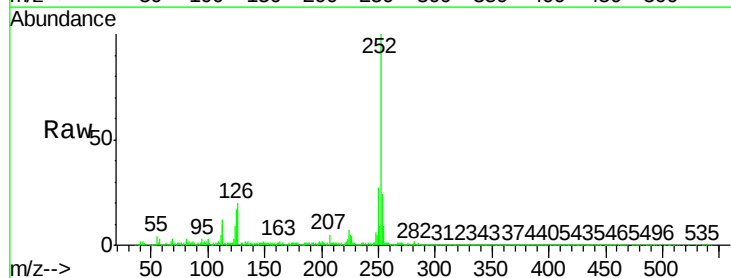
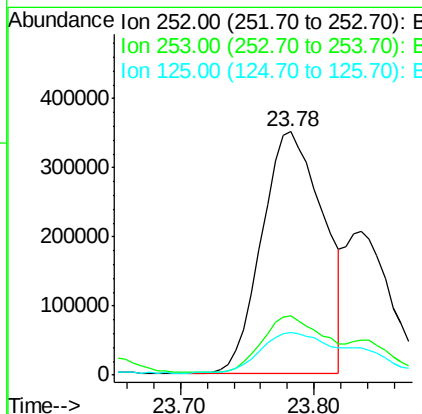
RT: 23.78 min Scan# 3522

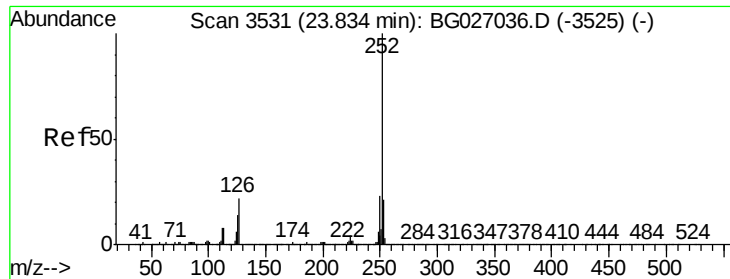
Delta R.T. 0.03 min

Lab File: BG027040.D

Acq: 19 May 2017 15:02

Tgt Ion:	252	Resp:	1121303
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.0	27.0
125	17.5	8.0	12.0#





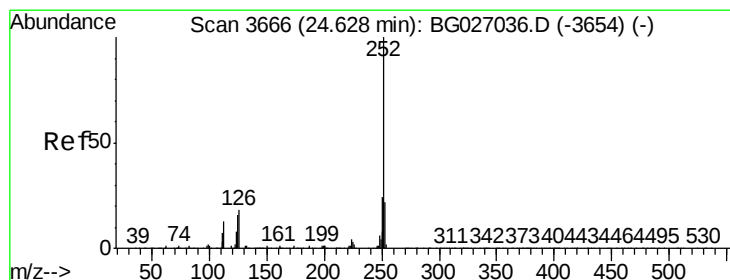
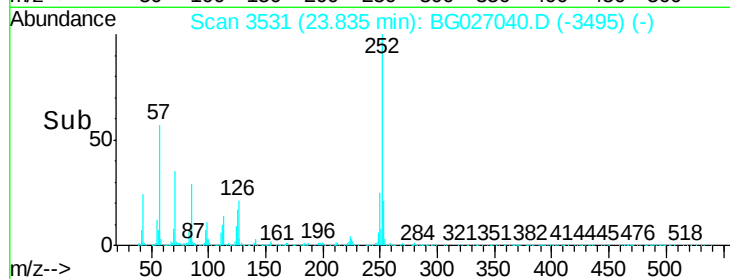
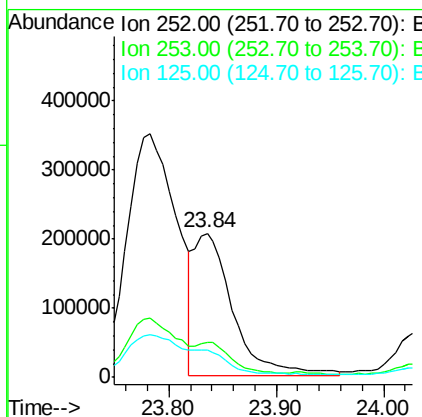
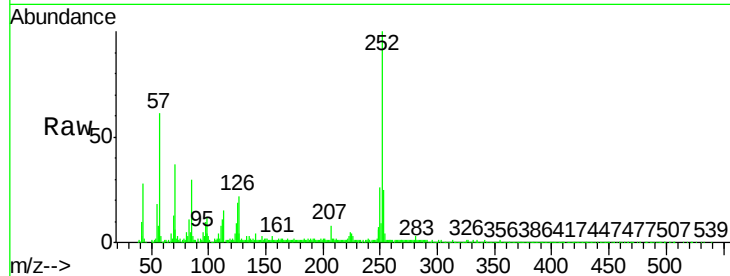
#24
Benzo(k)fluoranthene
Concen: 12.70 ng/ul m
RT: 23.84 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG027040.D
Acq: 19 May 2017 15:02

Instrument :
BNA_G
ClientSampled :
DAC26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	18.6	8.1	12.1

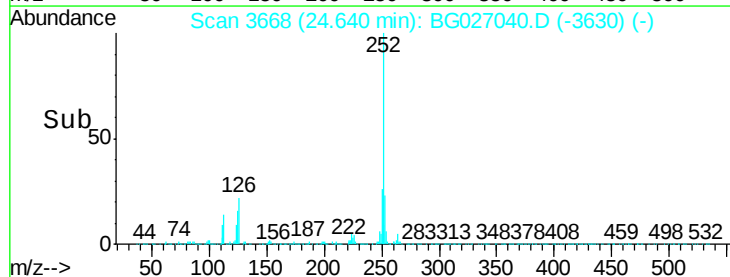
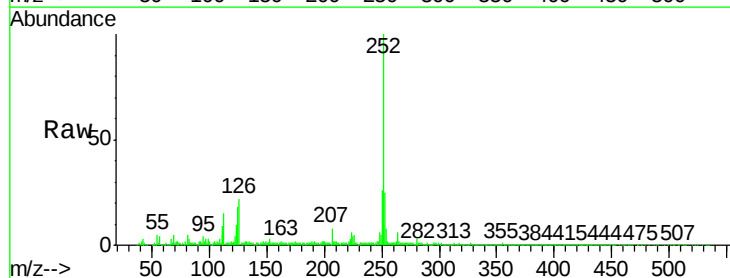
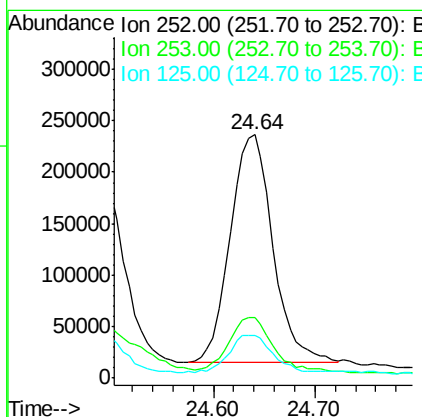
Manual Integrations
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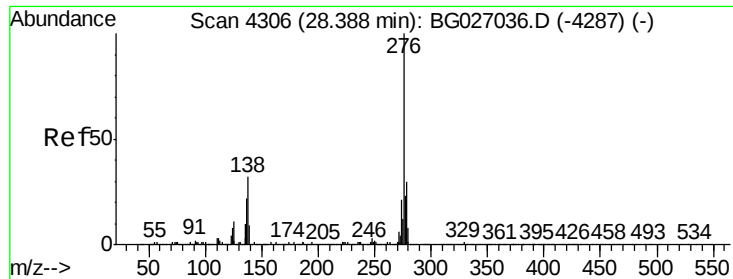
mohammad
5/22/2017 11:05:29 AM



#26
Benzo(a)pyrene
Concen: 16.13 ng/ul
RT: 24.64 min Scan# 3668
Delta R.T. 0.03 min
Lab File: BG027040.D
Acq: 19 May 2017 15:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	17.6	8.2	12.4





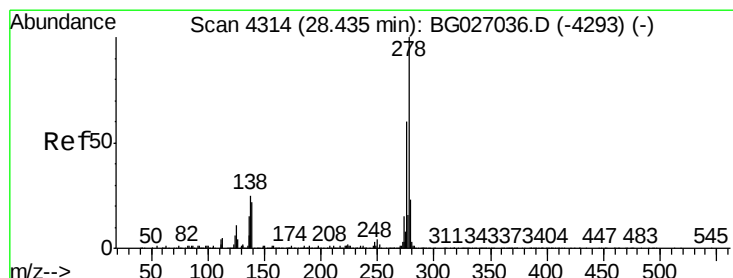
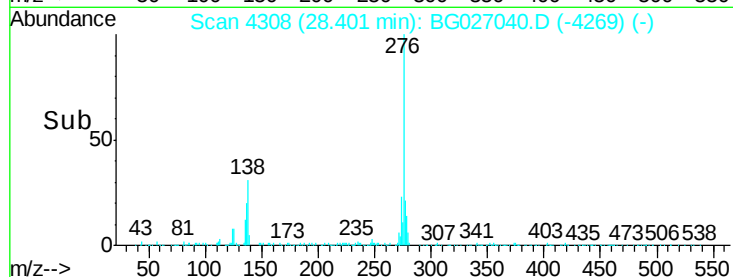
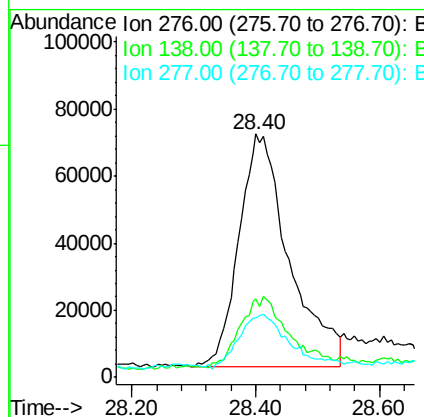
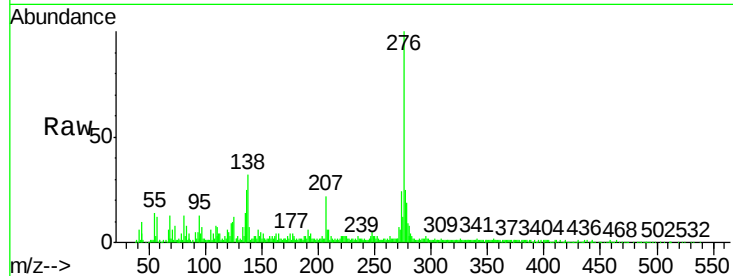
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 10.67 ng/ul
 RT: 28.40 min Scan# 4308
 Delta R.T. 0.03 min
 Lab File: BG027040.D
 Acq: 19 May 2017 15:02

Instrument :
 BNA_G
 ClientSampled :
 DAC26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.2	14.4	21.6#
277	24.5	18.0	27.0

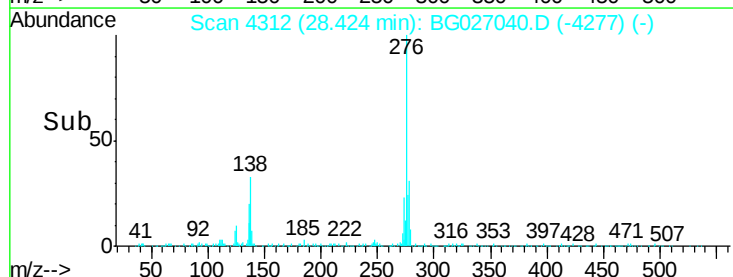
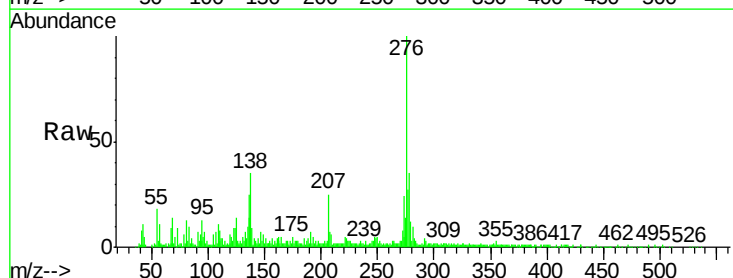
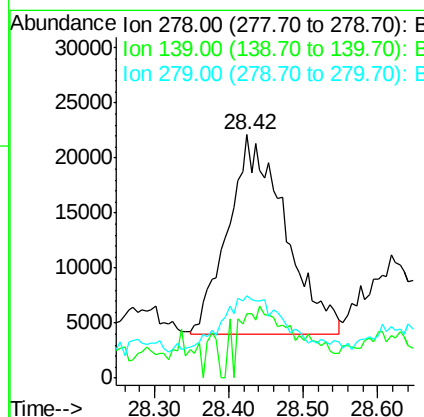
Manual Integrations
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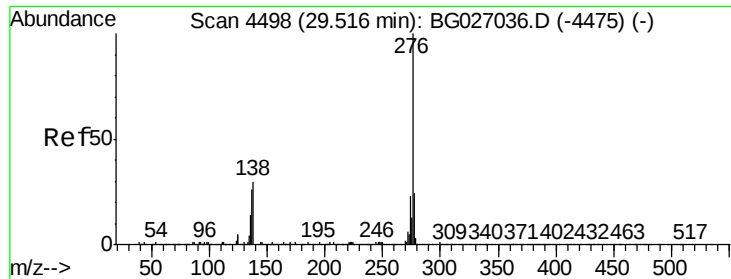
mohammad
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#28
 Dibenzo(a,h)anthracene
 Concen: 3.02 ng/ul m
 RT: 28.42 min Scan# 4312
 Delta R.T. 0.01 min
 Lab File: BG027040.D
 Acq: 19 May 2017 15:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.7	12.2	18.4#
279	33.9	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 10.01 ng/ul m

RT: 29.55 min Scan# 4503

Delta R.T. 0.06 min

Lab File: BG027040.D

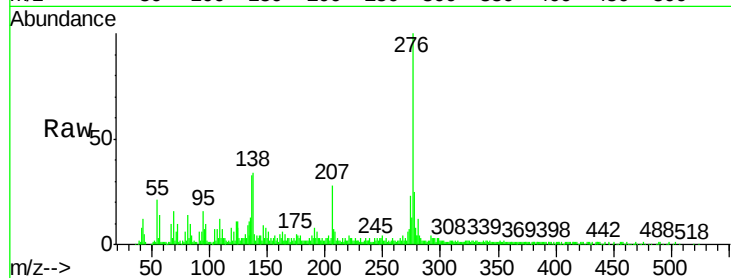
Acq: 19 May 2017 15:02

Instrument :

BNA_G

ClientSampleId :

DAC26



Tgt Ion: 276 Resp: 293567

Ion Ratio Lower Upper

276 100

138 33.7 15.3 22.9#

277 25.3 19.0 28.4

Manual Integrations
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