

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
 Data File : BG031141.D
 Acq On : 20 Nov 2017 21:37
 Operator : SJ/JU
 Sample : I6475-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0G43

Manual Integrations
 APPROVED

Sohil
 11/21/2017 2:27:32 PM

Quant Time: Nov 21 07:13:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 07:04:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	69784	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	329008	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	219653	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	509282	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	531461	20.00	ng/ul	0.00
23) Perylene-d12	25.07	264	542073	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	96545	15.55	ng/uL	0.00
7) Acenaphthylene-d8	14.46	160	423131	18.52	ng/ul	0.00
10) Fluorene-d10	15.74	176	313055	17.06	ng/ul	0.00
15) Anthracene-d10	17.60	188	474029	18.60	ng/ul	0.00
19) Pyrene-d10	19.87	212	526001	21.67	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	493985	18.42	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.54	178	221463	8.103	ng/ul	97
16) Anthracene	17.64	178	45025	1.622	ng/ul	98
17) Fluoranthene	19.54	202	469444	12.343	ng/ul#	91
20) Pyrene	19.90	202	402122	14.256	ng/ul#	89
21) Benzo(a)anthracene	21.75	228	259603	8.017	ng/ul	98
22) Chrysene	21.82	228	241157	7.830	ng/ul	98
24) Benzo(b)fluoranthene	24.02	252	279625	8.538	ng/ul#	96
25) Benzo(k)fluoranthene	24.09	252	93824m	2.908	ng/ul	
27) Benzo(a)pyrene	24.91	252	189025	6.021	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.85	276	118750	3.319	ng/ul#	90
29) Dibenzo(a,h)anthracene	28.90	278	36678	1.238	ng/ul#	85
30) Benzo(a,h,i)perylene	30.04	276	86770m	2.912	ng/ul	

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

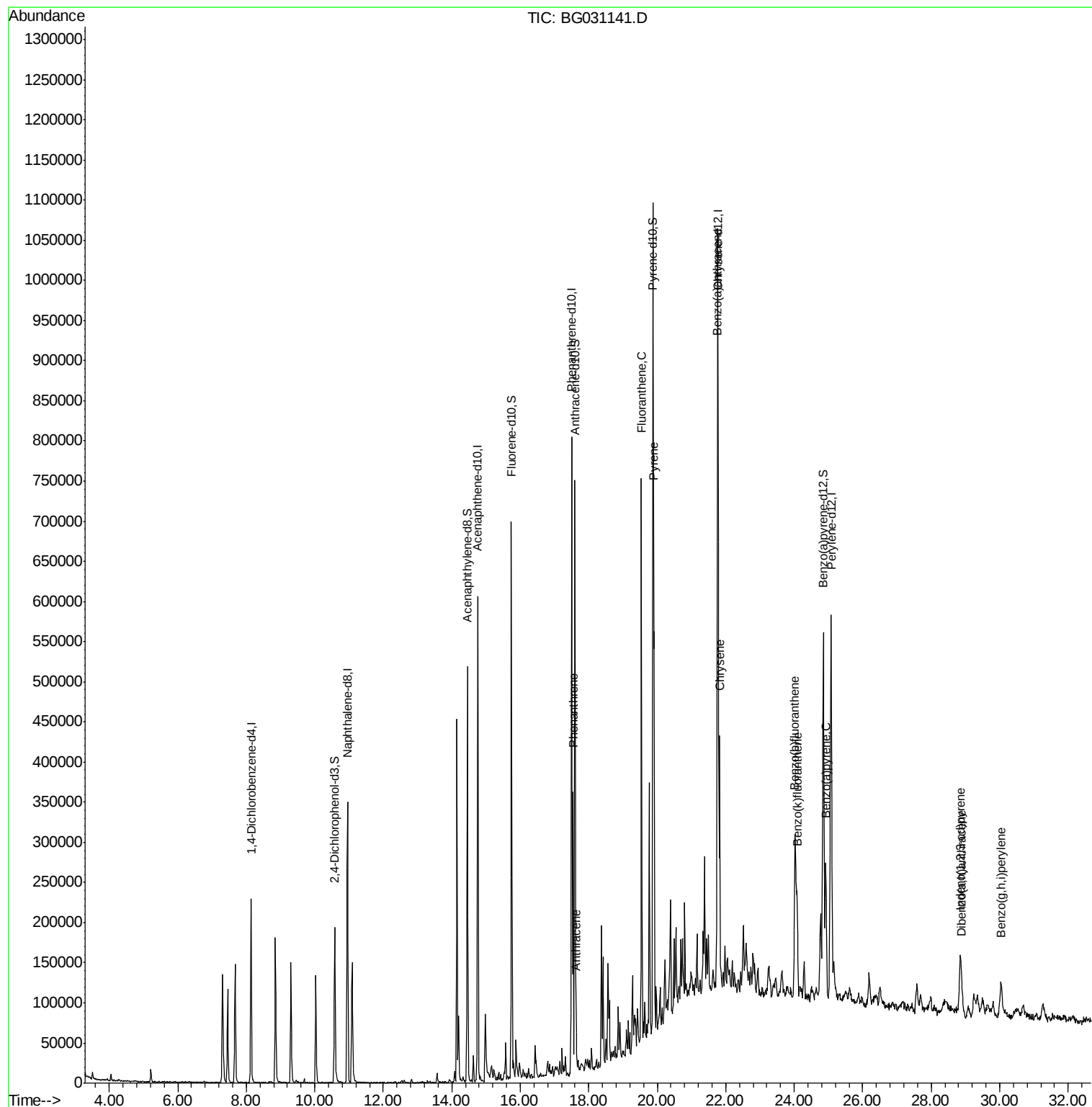
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
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ALS Vial : 16 Sample Multiplier: 1

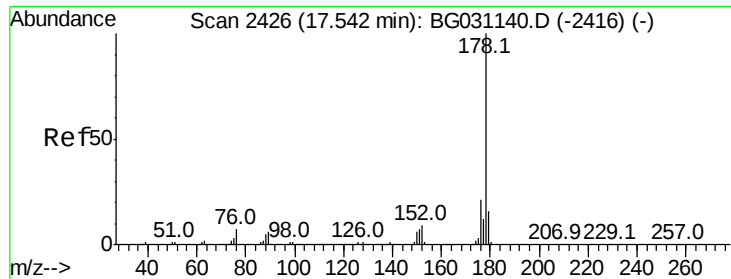
Instrument :
BNA_G
ClientSampled :
B0G43

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
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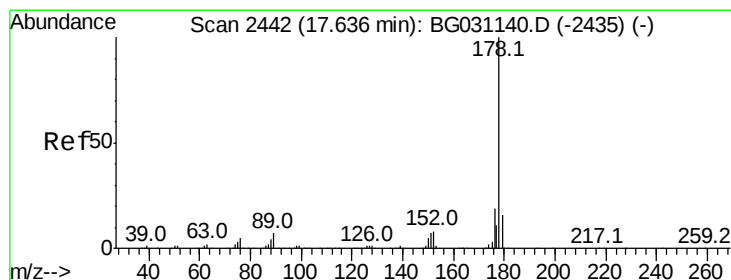
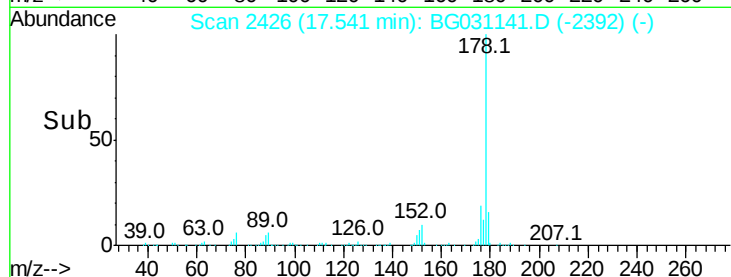
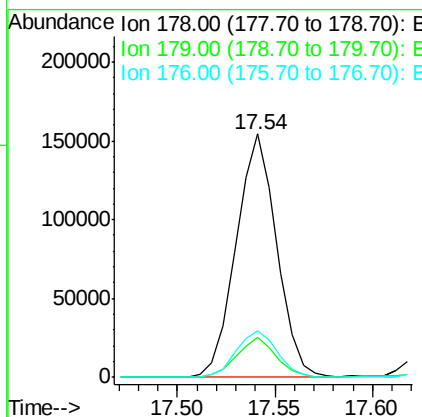
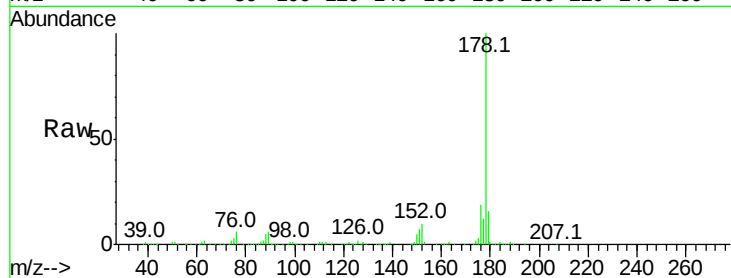
#14
Phenanthrene
Concen: 8.103 ng/ul
RT: 17.54 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG031141.D
Acq: 20 Nov 2017 21:37

Instrument :
BNA_G
ClientSampleId :
B0G43

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.4
176	19.2	16.4	24.6

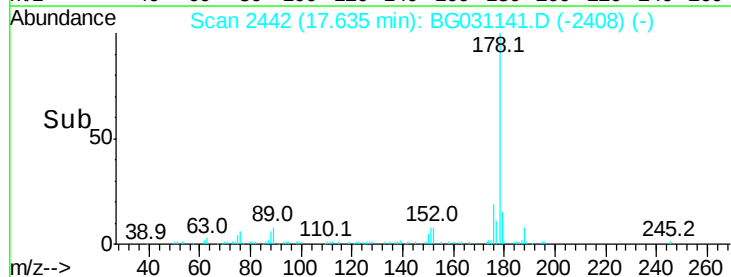
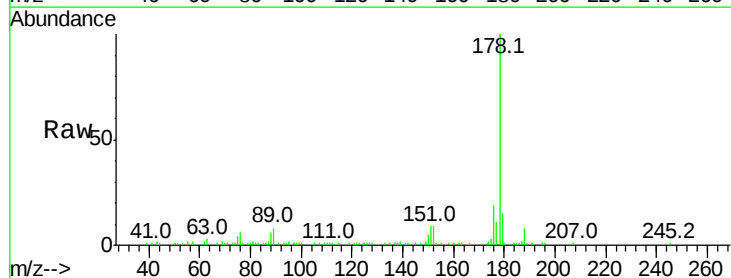
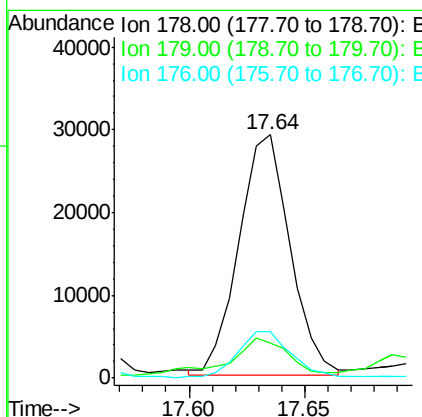
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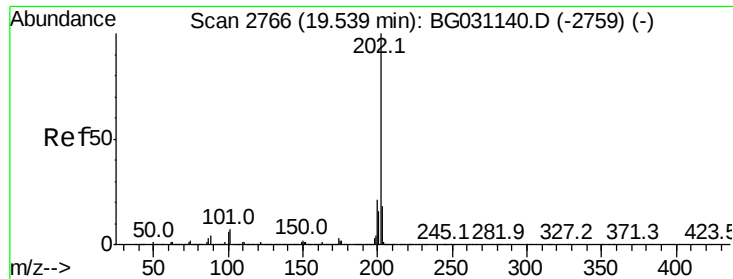
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#16
Anthracene
Concen: 1.622 ng/ul
RT: 17.64 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG031141.D
Acq: 20 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.7	19.1
176	19.0	15.8	23.8





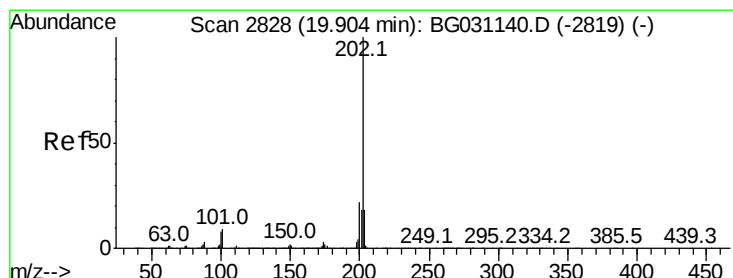
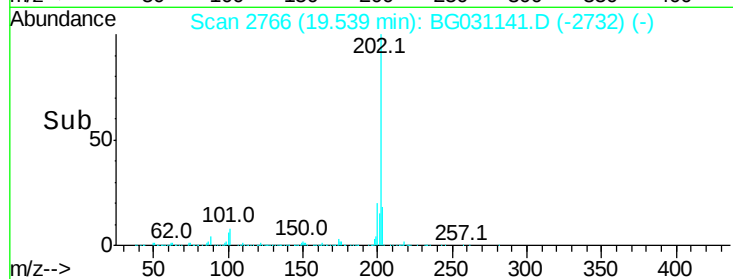
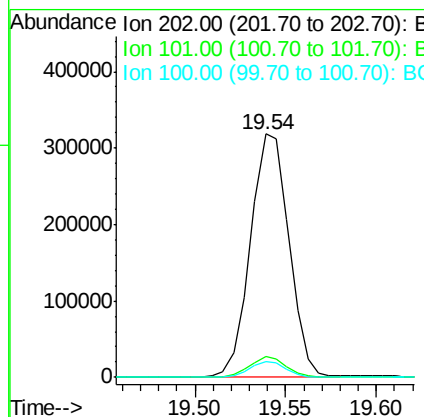
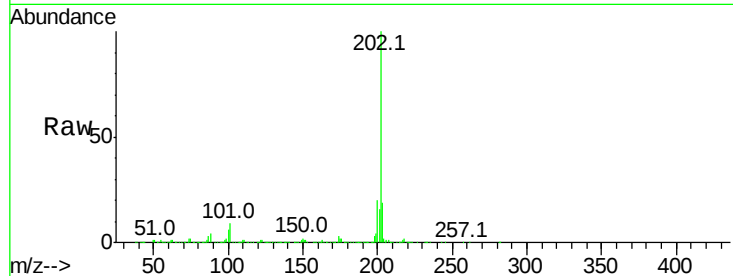
#17
Fluoranthene
 Concen: 12.343 ng/ul
 RT: 19.54 min Scan# 2766
 Delta R.T. -0.00 min
 Lab File: BG031141.D
 Acq: 20 Nov 2017 21:37

Instrument :
 BNA_G
 ClientSampleId :
 B0G43

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	9.8	14.8#
100	6.3	7.5	11.3#

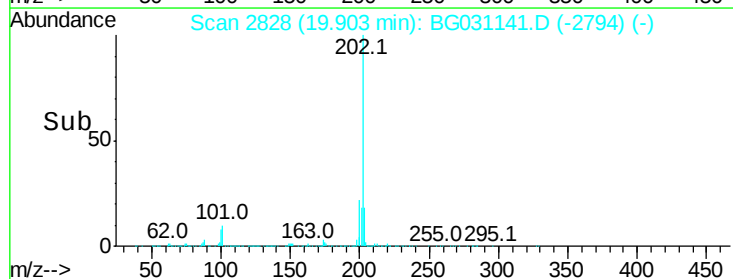
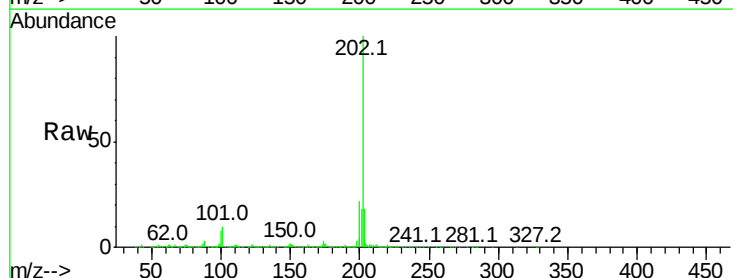
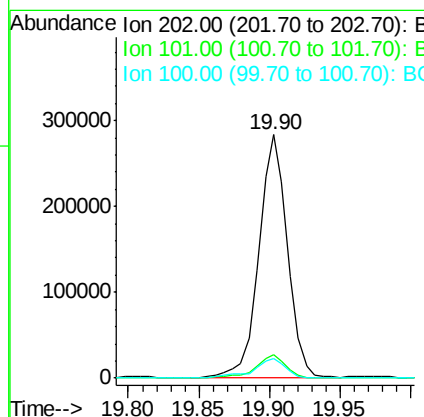
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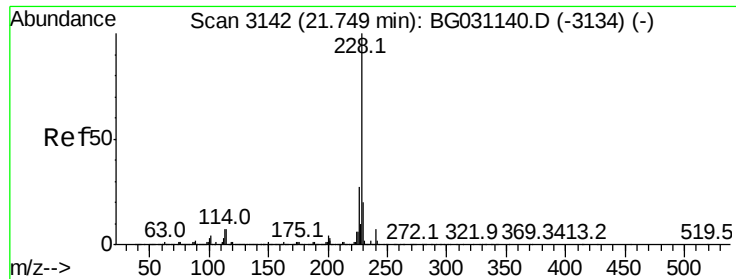
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#20
Pyrene
 Concen: 14.256 ng/ul
 RT: 19.90 min Scan# 2828
 Delta R.T. -0.00 min
 Lab File: BG031141.D
 Acq: 20 Nov 2017 21:37

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	11.2	16.8#
100	8.1	9.8	14.6#





#21

Benzo(a)anthracene

Concen: 8.017 ng/ul

RT: 21.75 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG031141.D

Acq: 20 Nov 2017 21:37

Instrument :

BNA_G

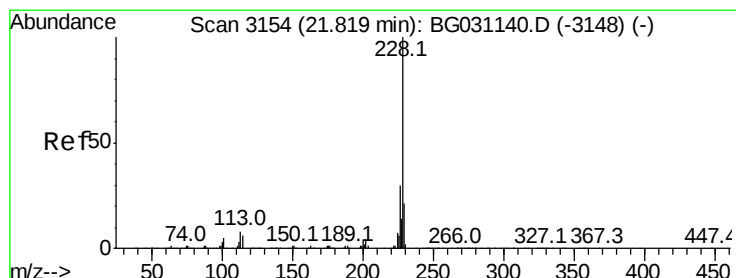
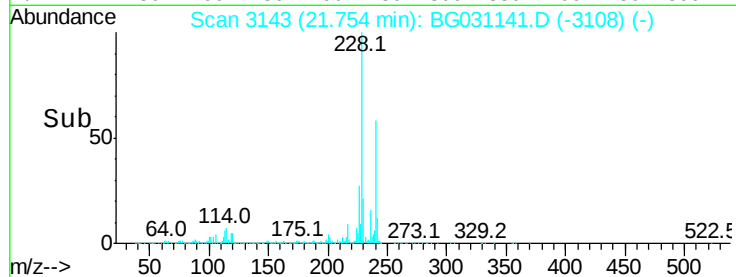
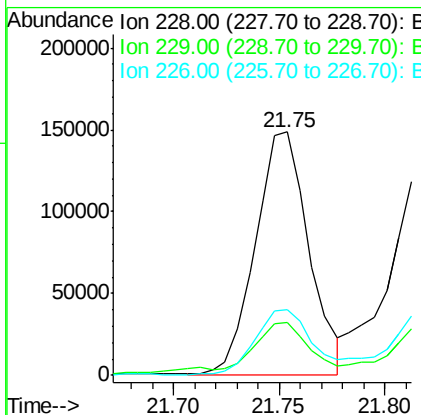
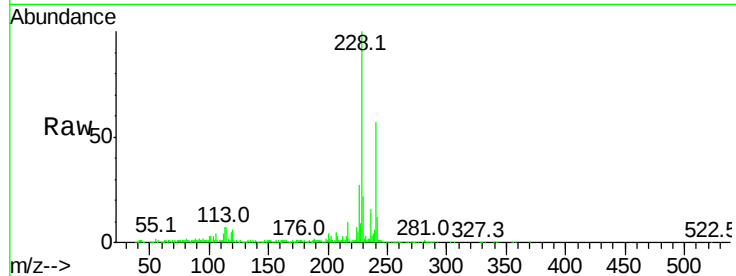
ClientSampleId :

B0G43

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.9	23.9
226	27.1	22.1	33.1

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#22

Chrysene

Concen: 7.830 ng/ul

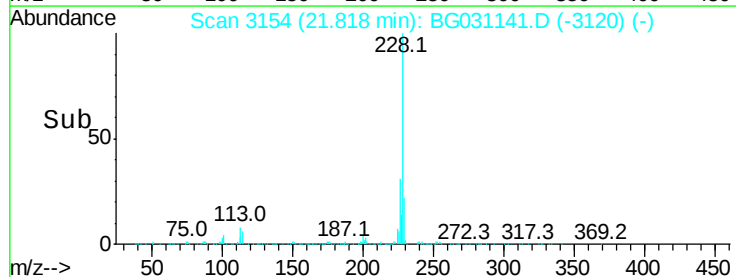
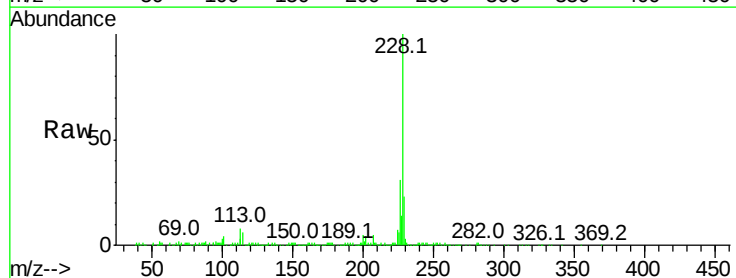
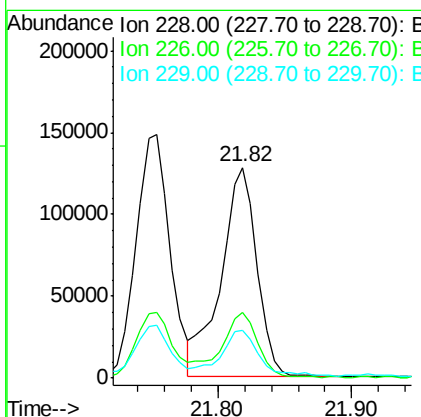
RT: 21.82 min Scan# 3154

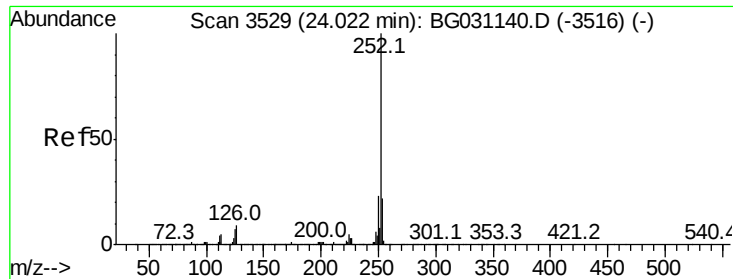
Delta R.T. -0.00 min

Lab File: BG031141.D

Acq: 20 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.5	16.6	25.0





#24

Benzo(b)fluoranthene

Concen: 8.538 ng/ul

RT: 24.02 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG031141.D

Acq: 20 Nov 2017 21:37

Instrument :

BNA_G

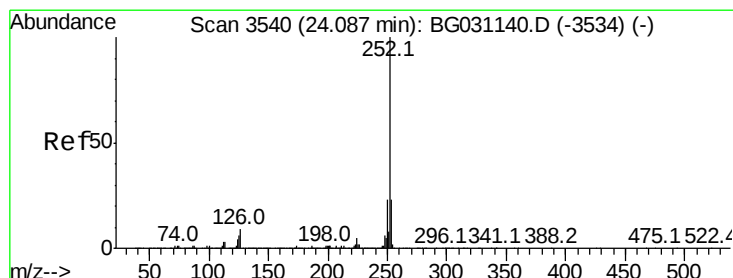
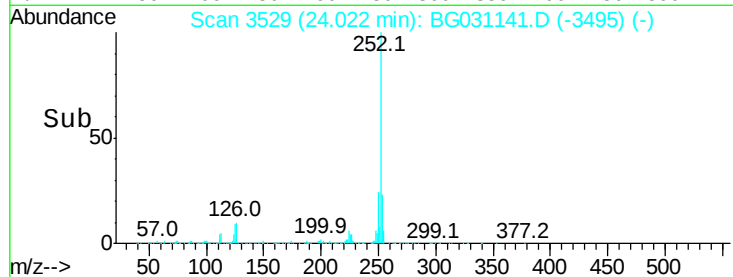
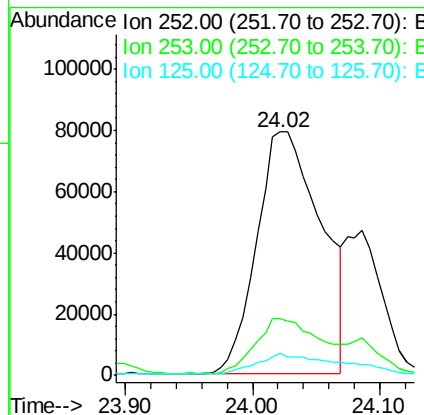
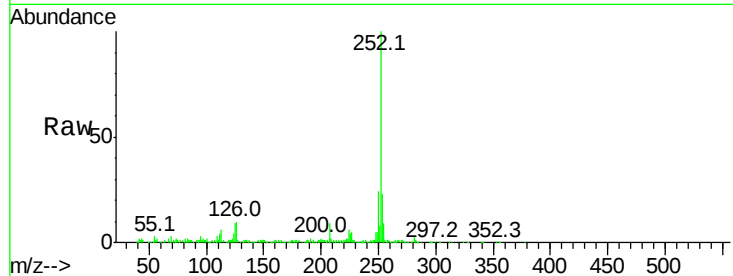
ClientSampled :

B0G43

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	9.3	9.4	14.0#

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#25

Benzo(k)fluoranthene

Concen: 2.908 ng/ul m

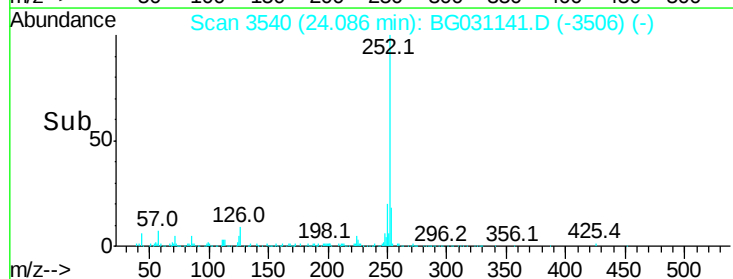
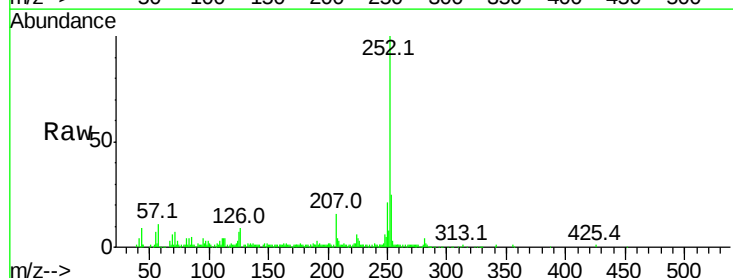
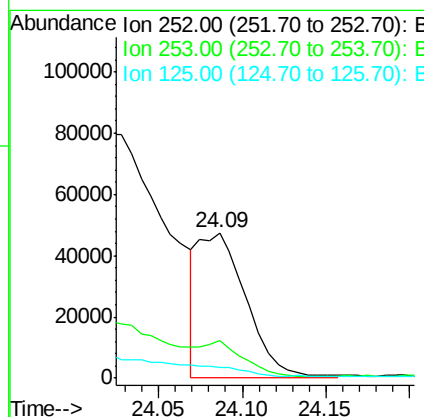
RT: 24.09 min Scan# 3540

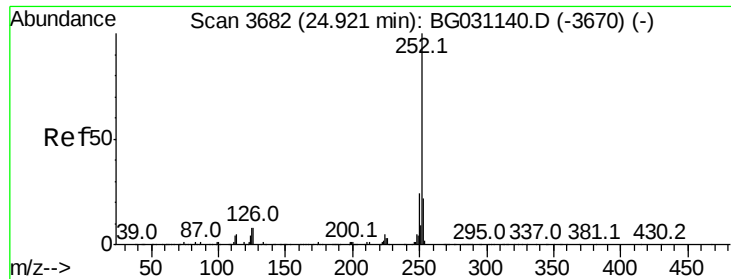
Delta R.T. -0.00 min

Lab File: BG031141.D

Acq: 20 Nov 2017 21:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.2
125	7.1	8.8	13.2#





#27

Benzo(a)pyrene

Concen: 6.021 ng/ul

RT: 24.91 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG031141.D

Acq: 20 Nov 2017 21:37

Instrument :

BNA_G

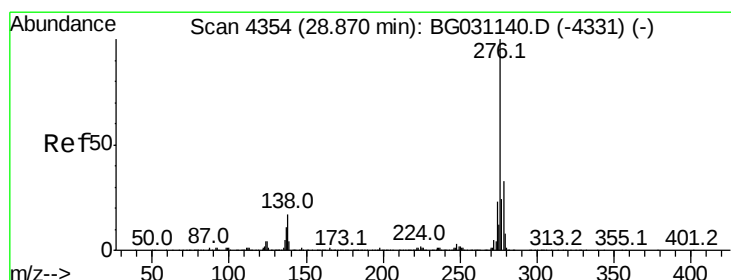
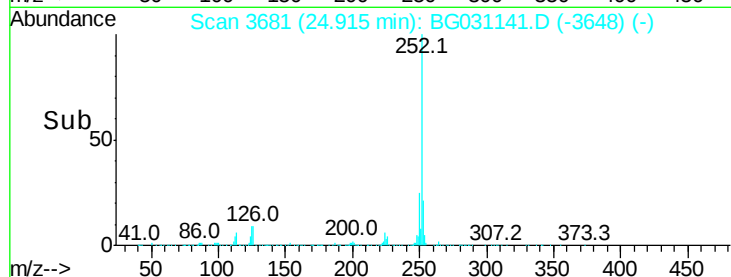
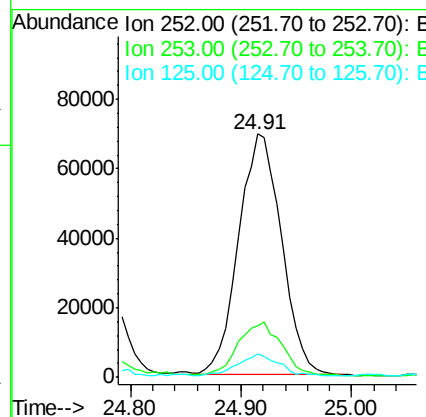
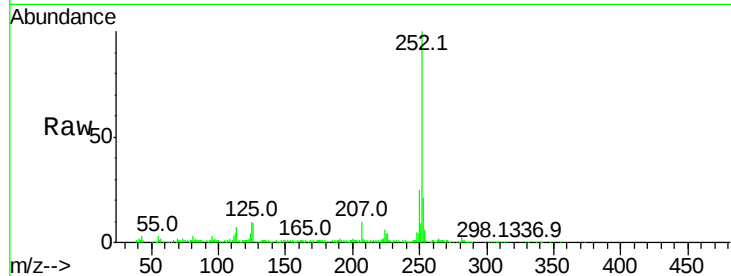
ClientSampleId :

B0G43

Tot Ion:	252	Resp:	189025
Ion Ratio		Lower	Upper
252	100		
253	21.1	17.1	25.7
125	9.6	9.4	14.2

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#28

Indeno(1,2,3-cd)pyrene

Concen: 3.319 ng/ul

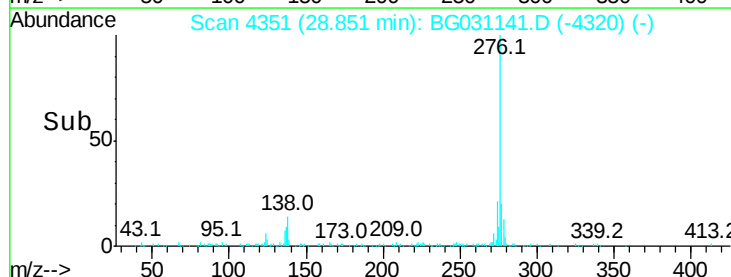
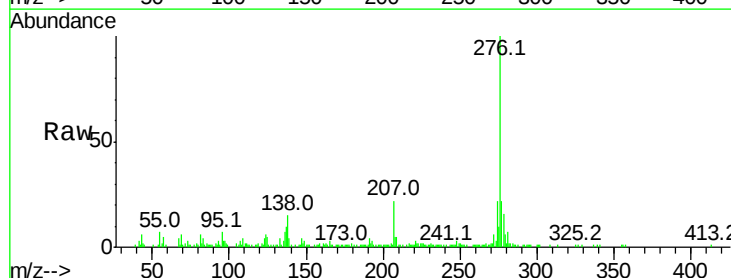
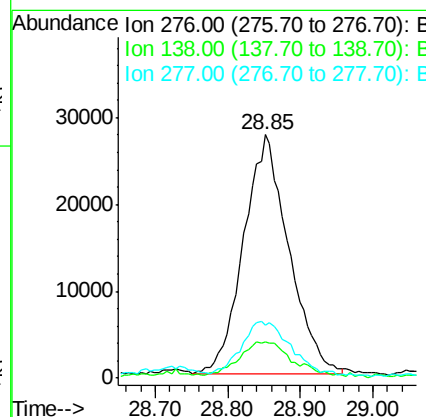
RT: 28.85 min Scan# 4351

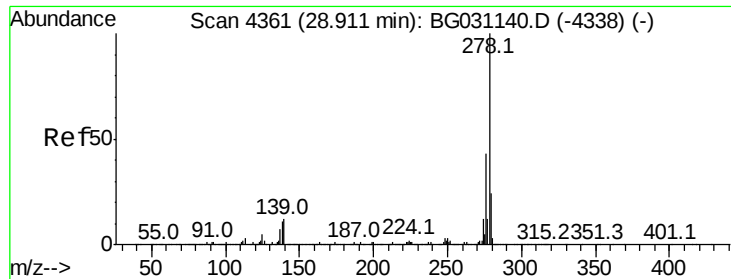
Delta R.T. -0.02 min

Lab File: BG031141.D

Acq: 20 Nov 2017 21:37

Tgt Ion:	276	Resp:	118750
Ion Ratio		Lower	Upper
276	100		
138	14.6	17.8	26.6#
277	21.8	19.4	29.0





#29

Dibenzo(a,h)anthracene

Concen: 1.238 ng/ul

RT: 28.90 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG031141.D

Acq: 20 Nov 2017 21:37

Instrument :

BNA_G

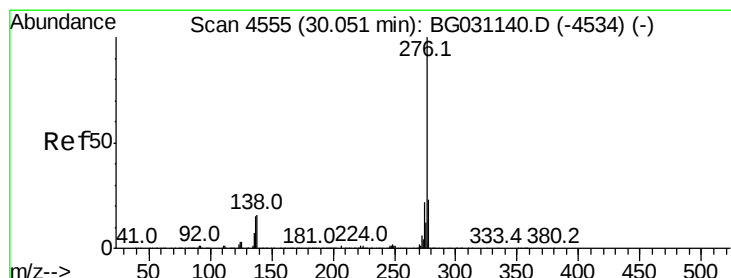
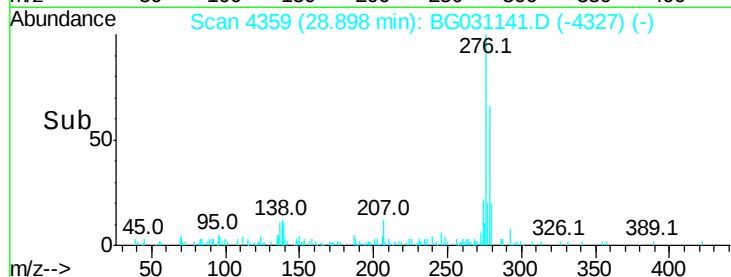
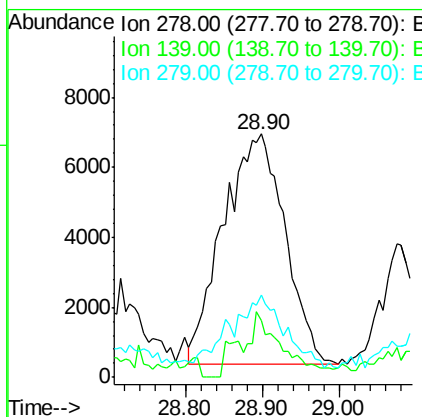
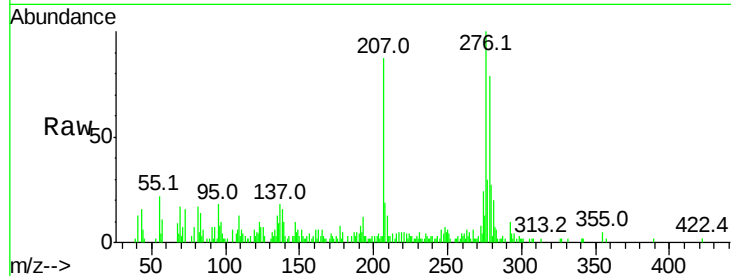
ClientSampleId :

B0G43

Tot Ion:	278	Resp:	36678
Ion Ratio	Lower	Upper	
278	100		
139	23.5	14.0	21.0#
279	33.7	20.6	31.0#

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#30

Benzo(g,h,i)perylene

Concen: 2.912 ng/ul m

RT: 30.04 min Scan# 4553

Delta R.T. -0.01 min

Lab File: BG031141.D

Acq: 20 Nov 2017 21:37

Tgt Ion:	276	Resp:	86770
Ion Ratio	Lower	Upper	
276	100		
138	15.9	19.0	28.4#
277	22.4	19.7	29.5

