

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022019.D
 Acq On : 22 May 2016 19:22
 Operator : UM/SJ
 Sample : H3204-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XK0

Manual Integrations
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Quant Time: May 24 10:11:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 08:11:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44769	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	229446	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	124160	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	232852	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	198840	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	191654	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1332	1.36	ng/uL	0.00
3) Phenol-d5	7.31	99	65028	16.45	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	38854	18.45	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	60695	18.70	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	54500	15.48	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	32471	20.17	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	31436	18.30	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	56898	18.74	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	35276	14.75	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	187362	19.57	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	258055	20.93	ng/ul	0.00
20) 4-Nitrophenol-d4	14.99	143	6638	3.94	ng/ul	0.00
21) Fluorene-d10	15.78	176	170527	19.79	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	12217	10.57	ng/ul	0.00
26) Anthracene-d10	17.63	188	217608	20.28	ng/ul	0.00
30) Pyrene-d10	19.91	212	152580m	14.54	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	83461	9.81	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.57	178	18605	1.49	ng/ul	99
28) Fluoranthene	19.57	202	31936	2.47	ng/ul	96
31) Pyrene	19.94	202	19111m	1.40	ng/ul	
32) Benzo(a)anthracene	21.79	228	18041m	1.64	ng/ul	
33) Chrysene	21.86	228	22565	2.10	ng/ul	98
35) Benzo(b)fluoranthene	24.08	252	38687	3.51	ng/ul#	91
36) Benzo(k)fluoranthene	24.14	252	11753m	1.08	ng/ul	

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

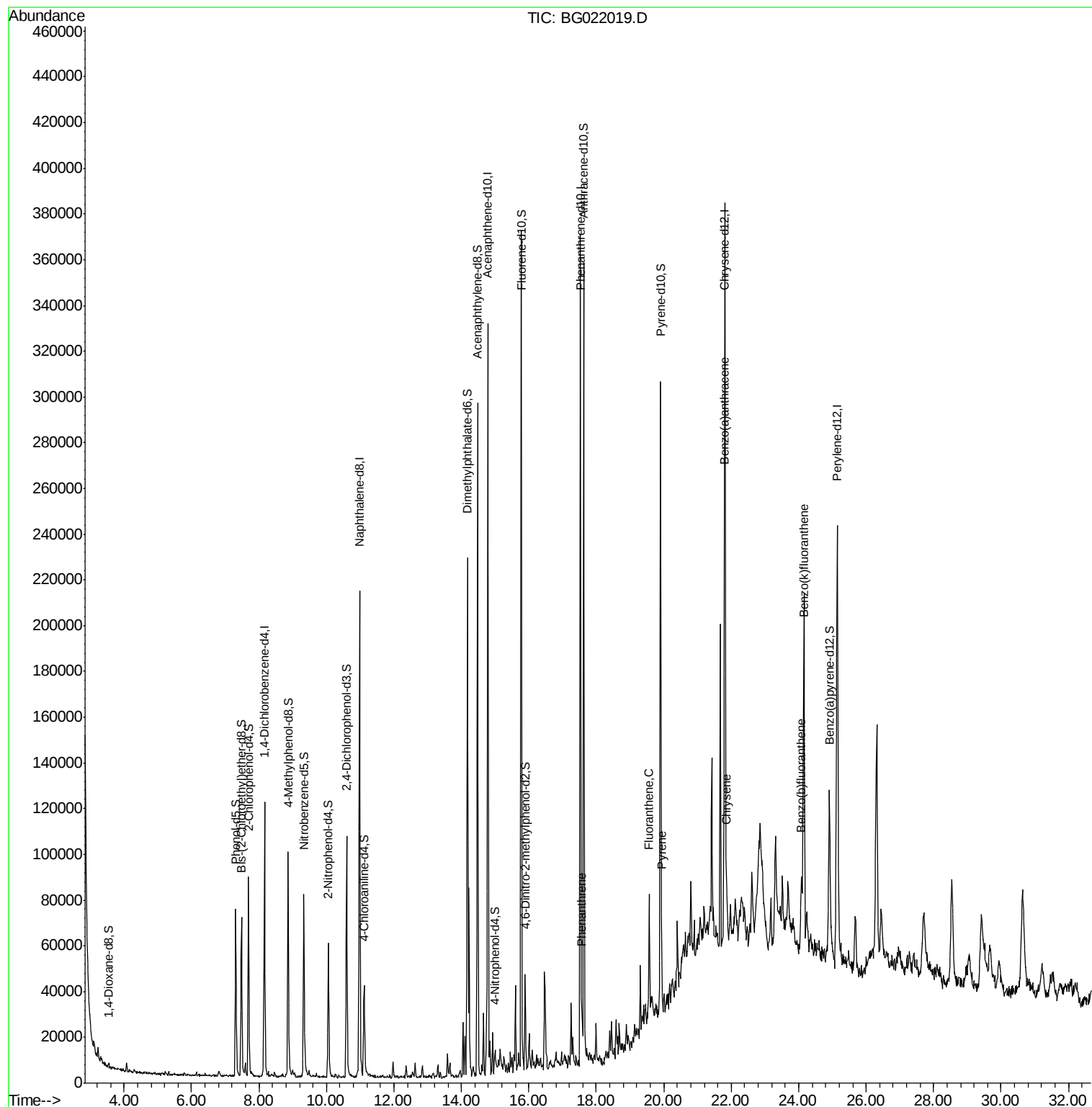
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ALS Vial : 11 Sample Multiplier: 1

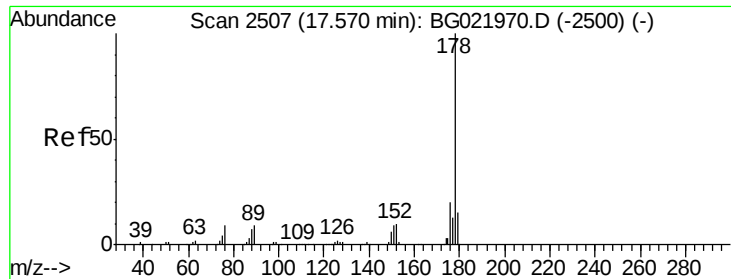
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Quant Time: May 24 10:11:29 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 08:11:42 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.49 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG022019.D

Acq: 22 May 2016 19:22

Instrument :

BNA_G

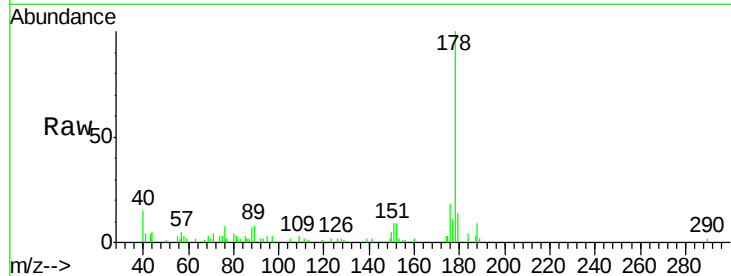
ClientSampleId :

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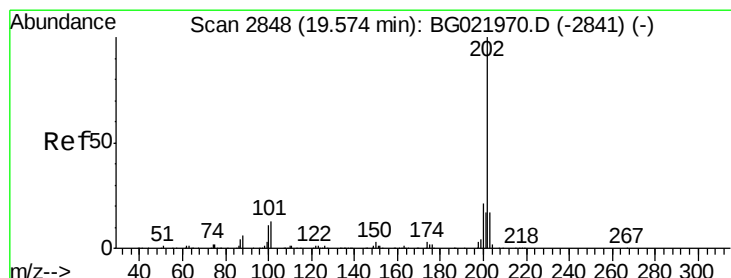
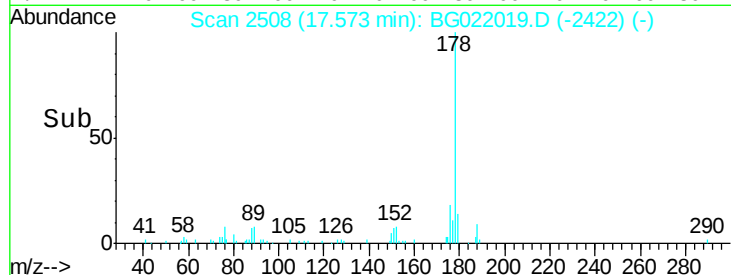
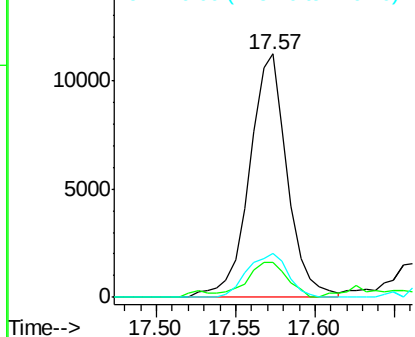
Tgt Ion:	178	Resp:	18605
Ion Ratio	Lower	Upper	
178	100		
179	14.4	11.8	17.8
176	18.0	14.8	22.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 2.47 ng/ul

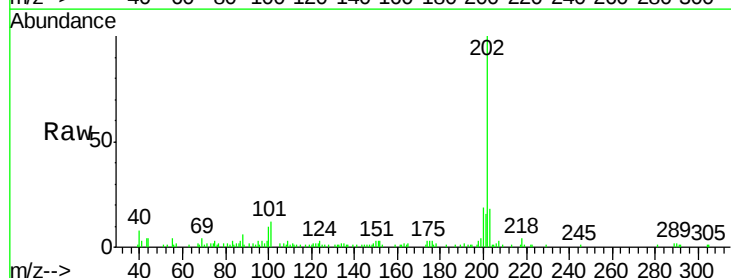
RT: 19.57 min Scan# 2848

Delta R.T. -0.00 min

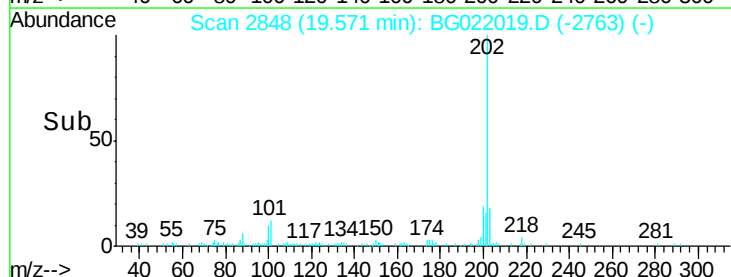
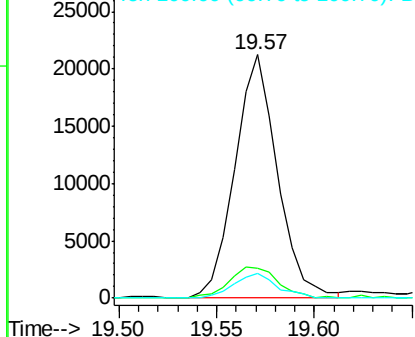
Lab File: BG022019.D

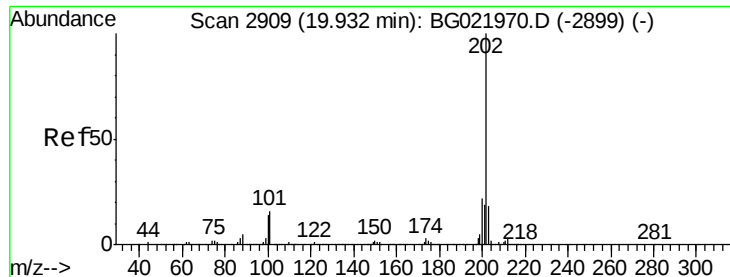
Acq: 22 May 2016 19:22

Tgt Ion:	202	Resp:	31936
Ion Ratio	Lower	Upper	
202	100		
101	12.4	8.9	13.3
100	10.4	7.0	10.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





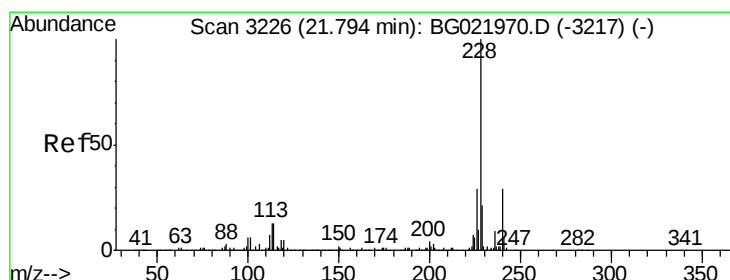
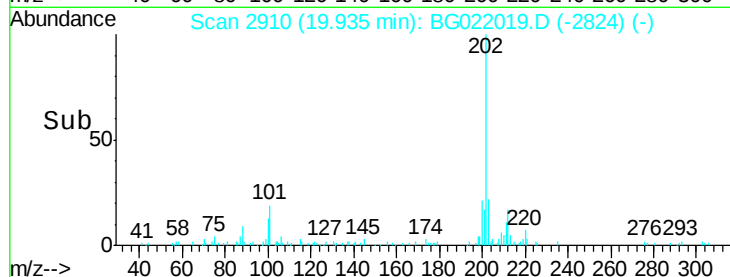
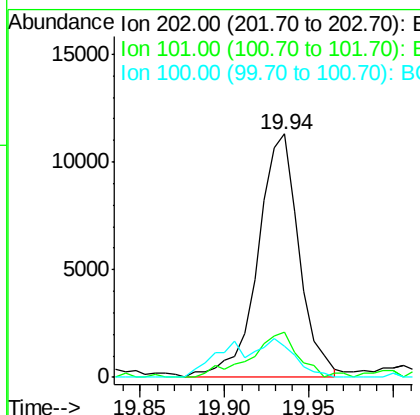
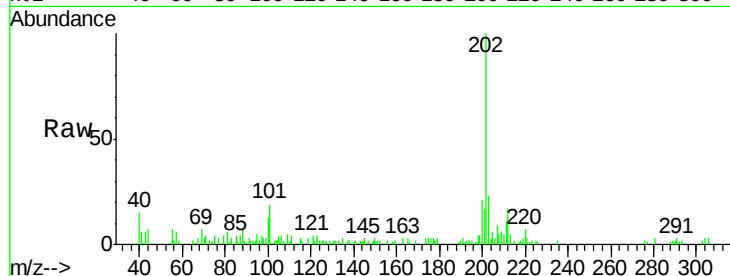
#31
 Pyrene
 Concen: 1.40 ng/ul m
 RT: 19.94 min Scan# 2910
 Delta R.T. 0.00 min
 Lab File: BG022019.D
 Acq: 22 May 2016 19:22

Instrument :
 BNA_G
 ClientSampleId :
 D9XK0

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.6	9.8	14.8#
100	12.6	9.3	13.9

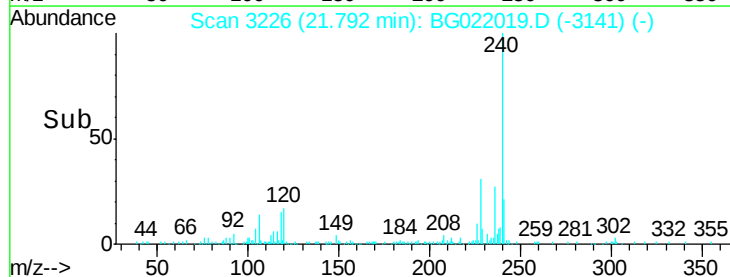
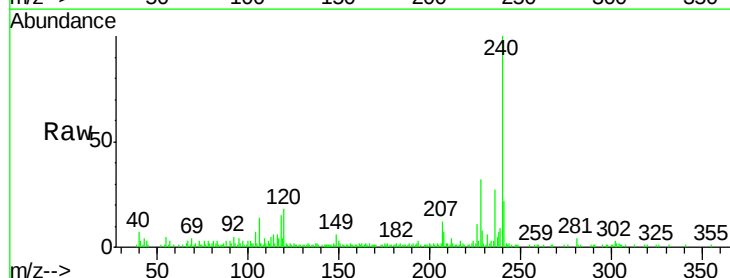
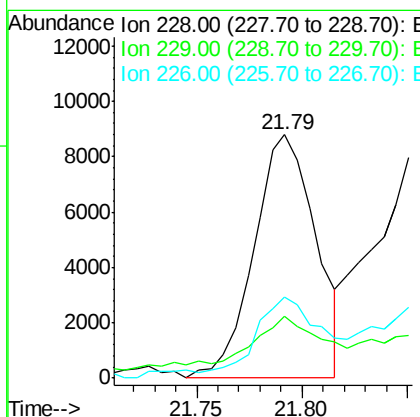
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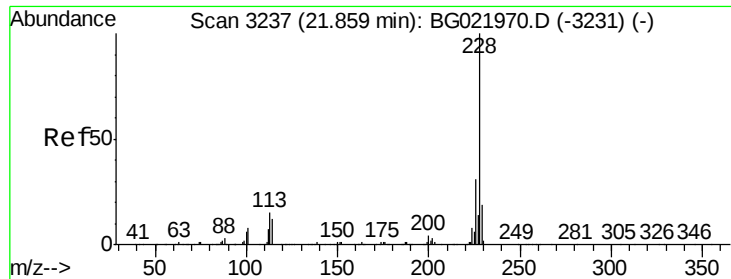
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#32
 Benzo(a)anthracene
 Concen: 1.64 ng/ul m
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: BG022019.D
 Acq: 22 May 2016 19:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.4	16.6	25.0#
226	33.4	21.0	31.4#





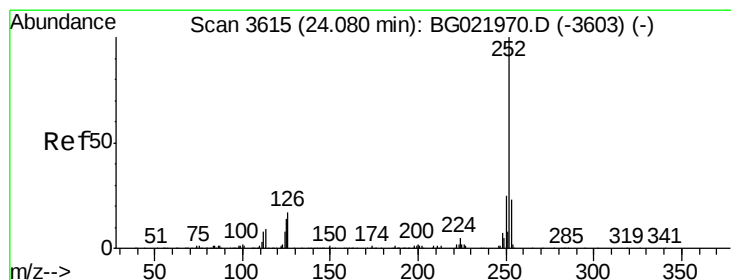
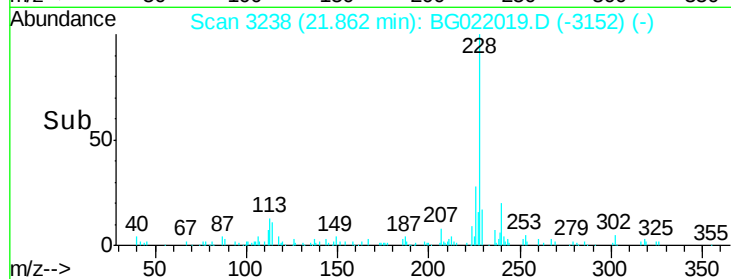
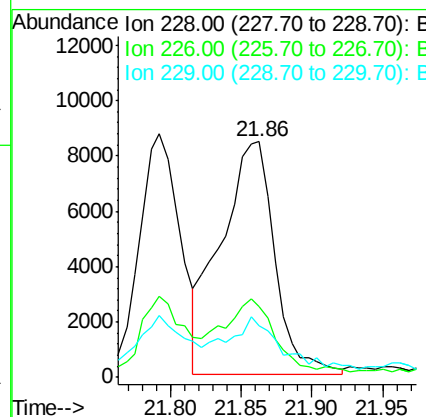
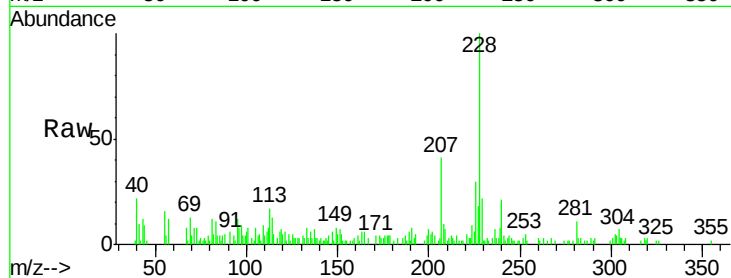
#33
Chrysene
Concen: 2.10 ng/ul
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG022019.D
Acq: 22 May 2016 19:22

Instrument :
BNA_G
ClientSampleId :
D9XK0

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	22565		
226	30.1	23.4	35.2	
229	21.8	16.2	24.2	

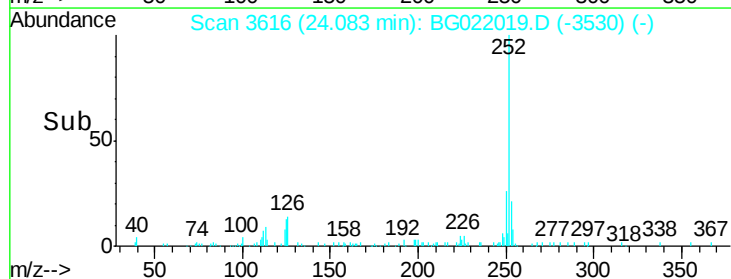
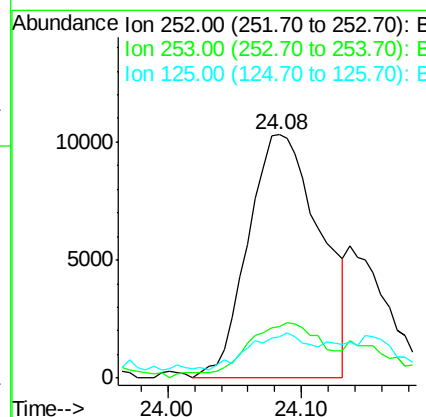
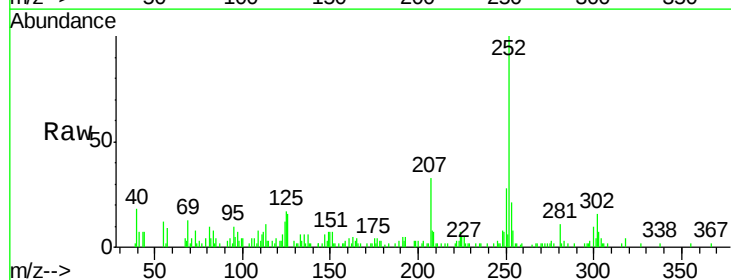
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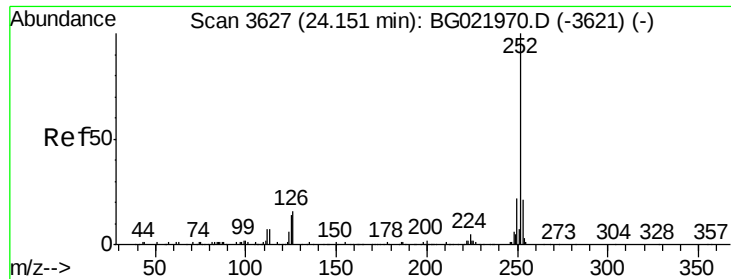
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#35
Benzo(b)fluoranthene
Concen: 3.51 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.00 min
Lab File: BG022019.D
Acq: 22 May 2016 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	38687		
253	20.9	18.1	27.1	
125	17.0	7.6	11.4#	





#36
Benzo(k)fluoranthene
Concen: 1.08 ng/ul m
RT: 24.14 min Scan# 3625
Delta R.T. -0.01 min
Lab File: BG022019.D
Acq: 22 May 2016 19:22

Instrument :
BNA_G
ClientSampleId :
D9XK0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.8	26.8#
125	27.5	7.7	11.5#

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