

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020230.D
 Acq On : 16 Dec 2015 20:54
 Operator : UM/SJ
 Sample : G4787-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BM3

Manual Integrations
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 12/17/2015 12:00:25 PM

Quant Time: Dec 17 04:07:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 03:53:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	15759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	79407	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	67739	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	176763	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	201179	20.00	ng/ul	-0.01
86) Perylene-d12	25.00	264	189740	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.47	96	1217	4.26	ng/uL	0.00
5) Phenol-d5	7.24	99	31854	22.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	20390	24.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	24300	24.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	14979	12.60	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	13548	21.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	15893	23.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	29157	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	30078	19.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	113901	20.79	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	120703	18.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	14962	15.23	ng/ul	-0.01
58) Fluorene-d10	15.71	176	89305	17.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	14675	14.00	ng/ul	0.00
71) Anthracene-d10	17.56	188	141955	17.43	ng/ul	0.00
79) Pyrene-d10	19.84	212	144680	15.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	130830	13.82	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	14.17	163	47818	8.54	ng/ul	99
70) Phenanthrene	17.51	178	20819	2.15	ng/ul	99
77) Fluoranthene	19.51	202	84737	7.50	ng/ul	97
80) Pyrene	19.87	202	84523	6.94	ng/ul	98
83) Benzo(a)anthracene	21.72	228	65076	5.54	ng/ul	98
85) Chrysene	21.78	228	59197	5.35	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	76717	6.72	ng/ul	97
89) Benzo(k)fluoranthene	24.02	252	32202m	2.94	ng/ul	
91) Benzo(a)pyrene	24.84	252	58325	5.39	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.72	276	40016	3.10	ng/ul	95
94) Benzo(g,h,i)perylene	29.87	276	34552	3.27	ng/ul	95

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

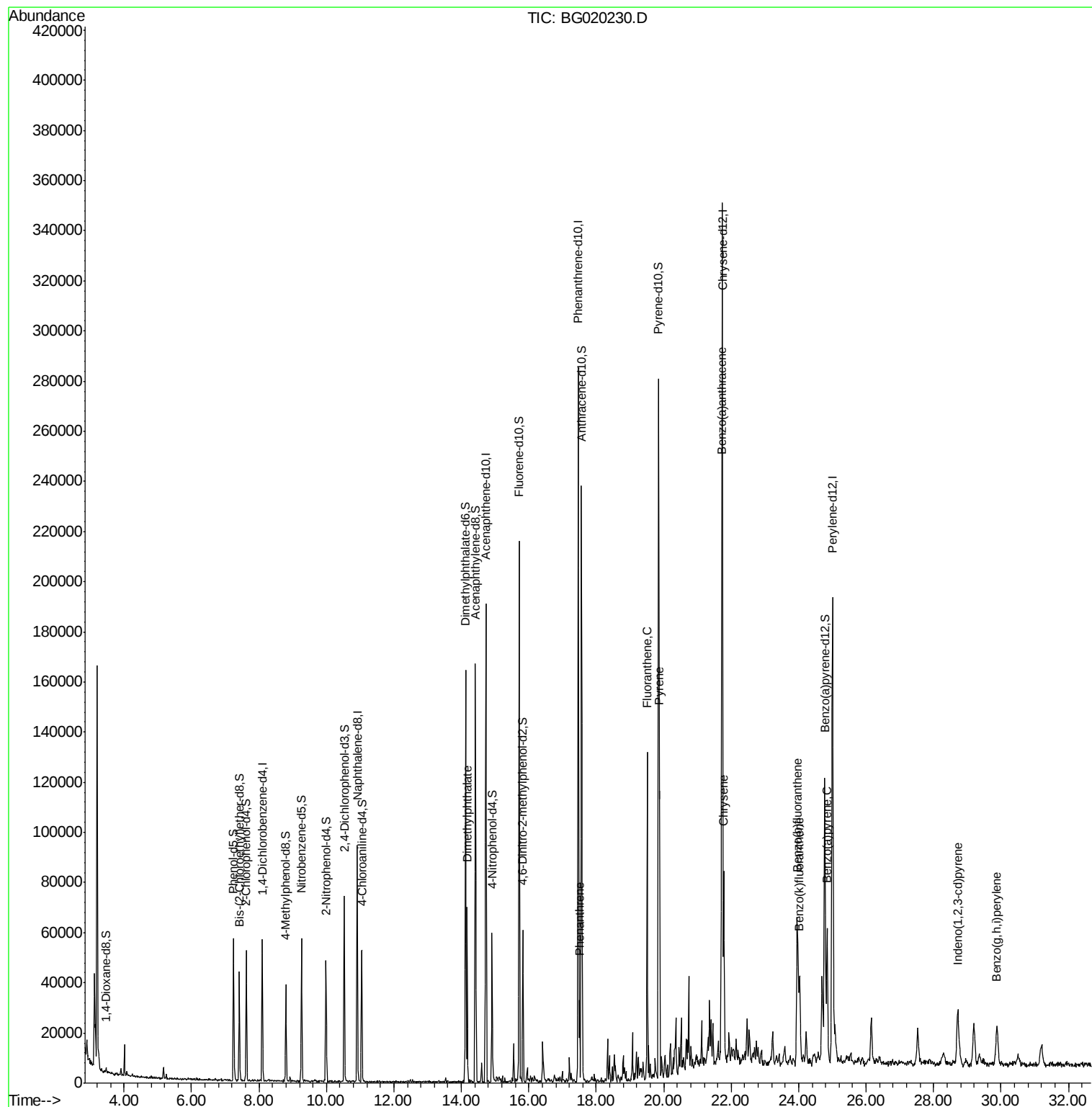
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
Data File : BG020230.D
Acq On : 16 Dec 2015 20:54
Operator : UM/SJ
Sample : G4787-01
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ALS Vial : 16 Sample Multiplier: 1

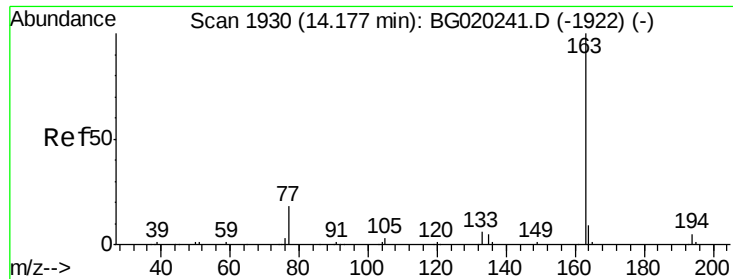
Instrument :
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Quant Time: Dec 17 04:07:27 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





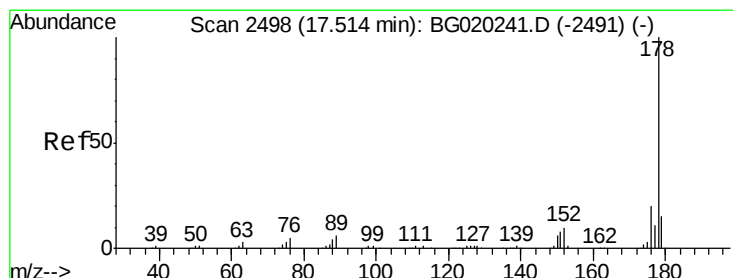
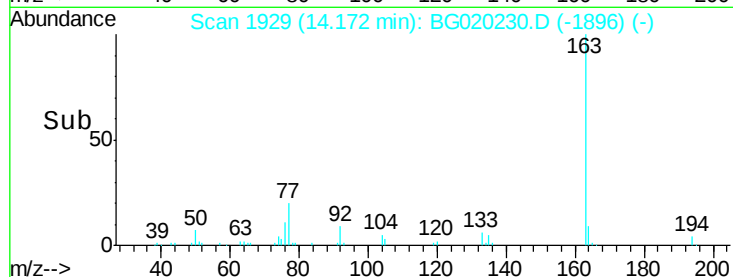
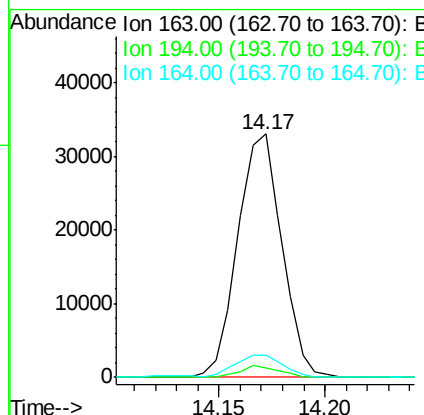
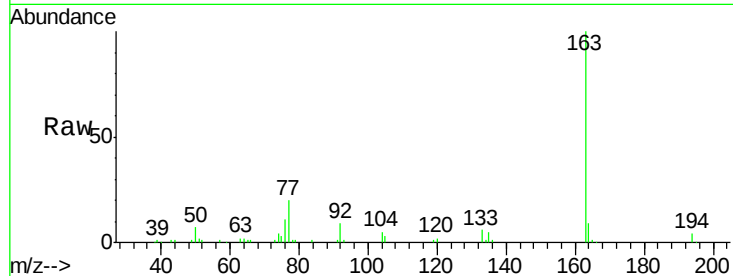
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Dimethylphthalate
Concen: 8.54 ng/ul
RT: 14.17 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BG020230.D
Acq: 16 Dec 2015 20:54

Instrument :
BNA_G
ClientSampleId :
G9BM3

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	47818		
194	3.6		3.5	5.3
164	9.3		7.7	11.5

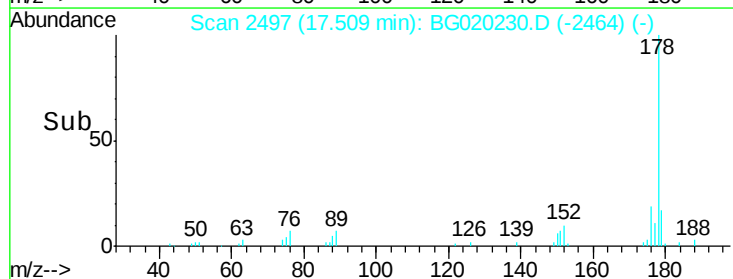
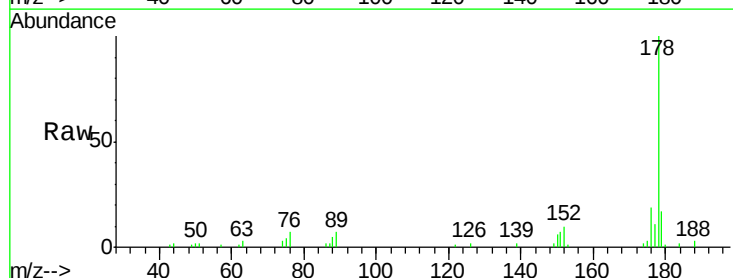
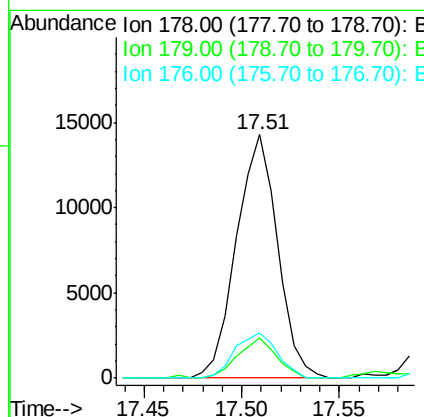
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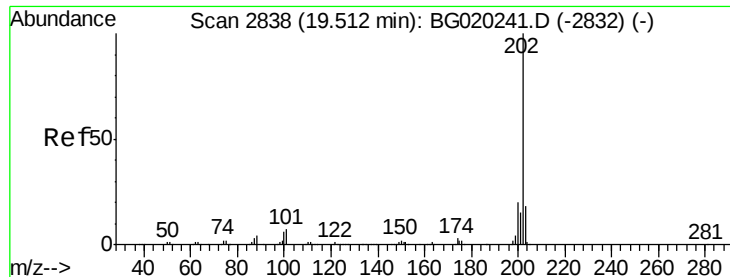
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#70
Phenanthrene
Concen: 2.15 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020230.D
Acq: 16 Dec 2015 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	20819		
179	16.5		12.9	19.3
176	18.6		15.3	22.9





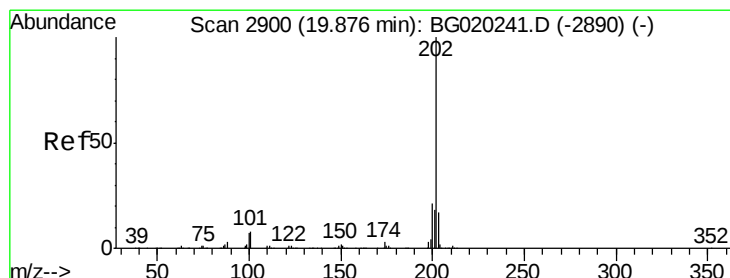
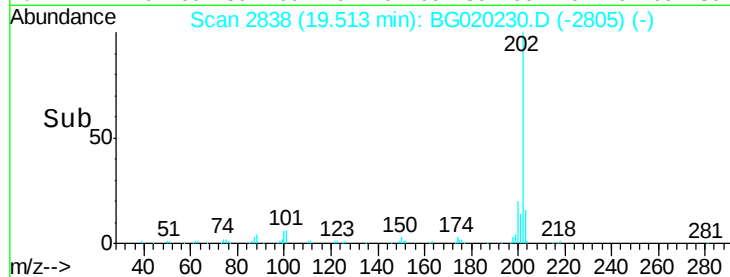
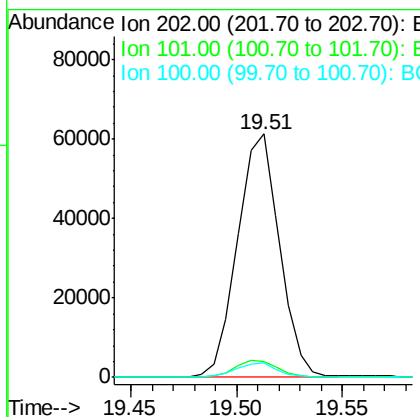
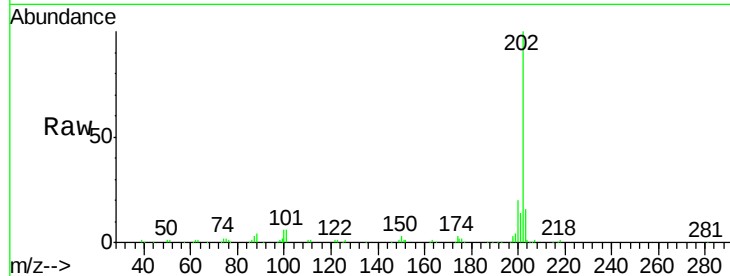
#77
Fluoranthene
 Concen: 7.50 ng/ul
 RT: 19.51 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BG020230.D
 Acq: 16 Dec 2015 20:54

Instrument :
 BNA_G
 ClientSampleId :
 G9BM3

Tgt Ion:	202	Resp:	84737
Ion Ratio	Lower	Upper	
202	100		
101	6.3	6.2	9.4
100	5.7	5.1	7.7

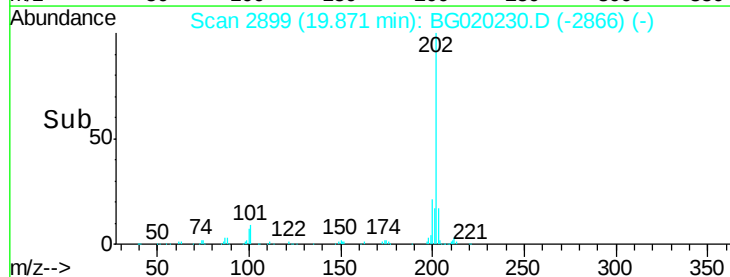
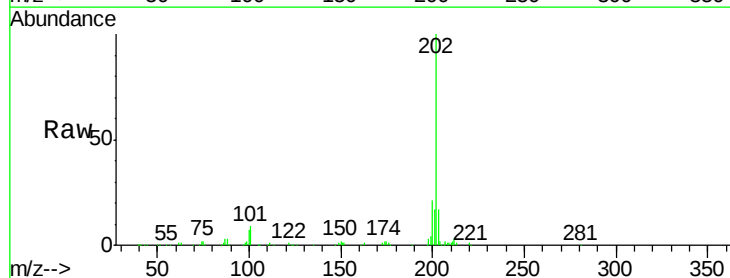
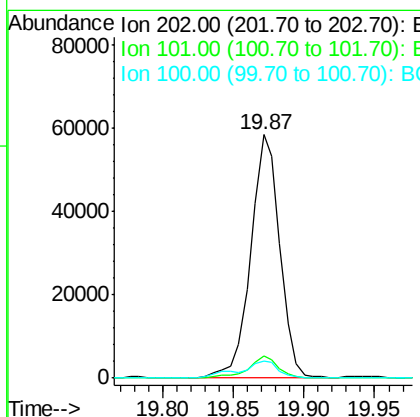
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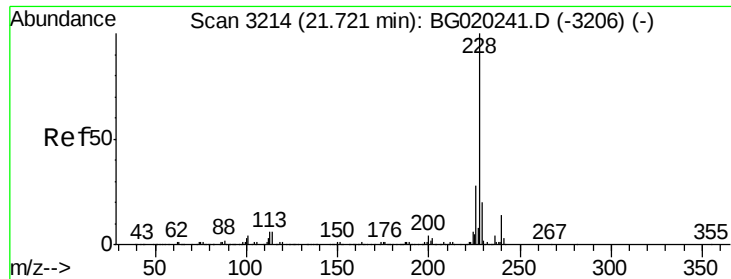
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#80
Pyrene
 Concen: 6.94 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: BG020230.D
 Acq: 16 Dec 2015 20:54

Tgt Ion:	202	Resp:	84523
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.0	10.4
100	7.2	6.4	9.6





#83

Benzo(a)anthracene

Concen: 5.54 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BG020230.D

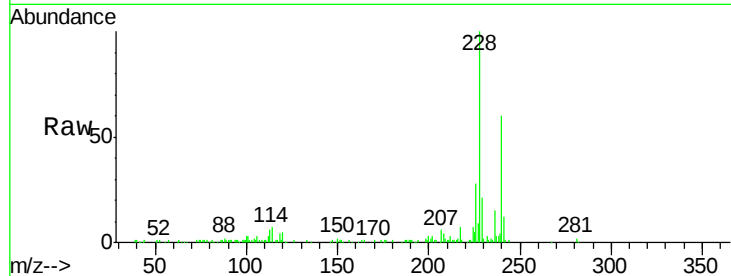
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Instrument :

BNA_G

ClientSampleId :

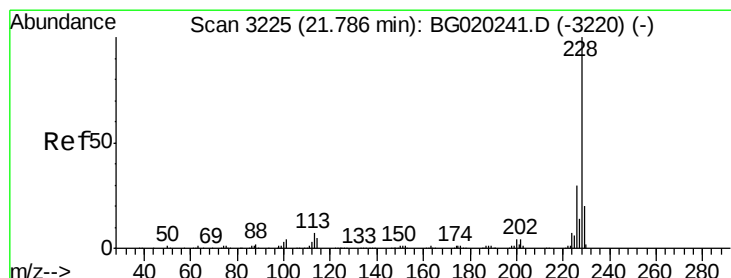
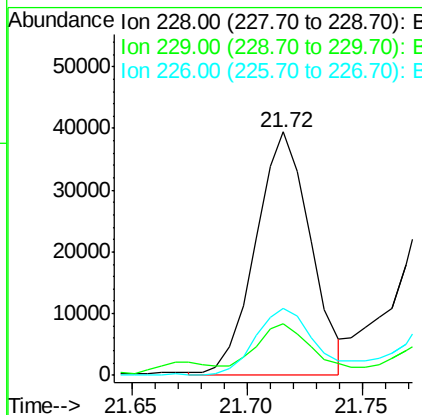
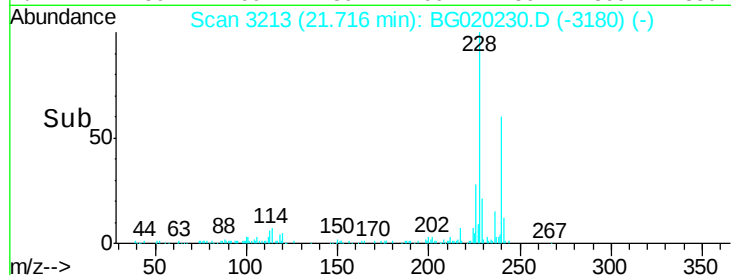
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.8
226	27.7	21.8	32.6

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#85

Chrysene

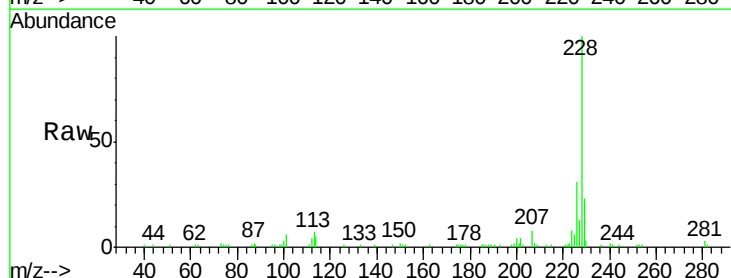
Concen: 5.35 ng/ul

RT: 21.78 min Scan# 3224

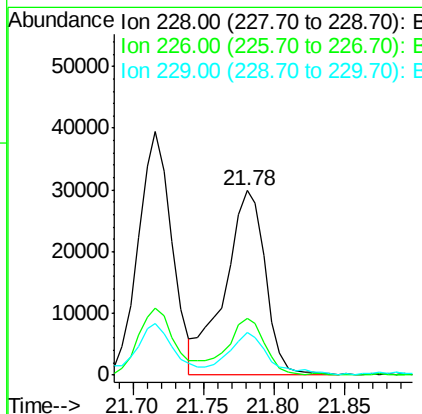
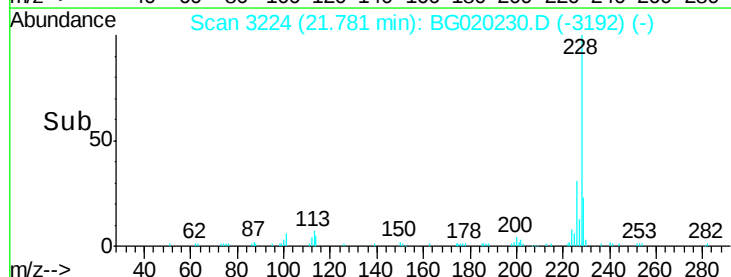
Delta R.T. -0.01 min

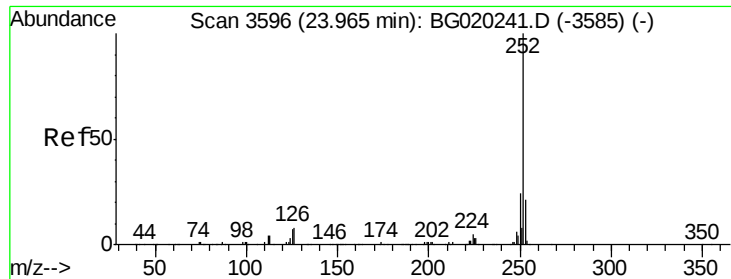
Lab File: BG020230.D

Acq: 16 Dec 2015 20:54



Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.9	35.9
229	23.3	15.6	23.4





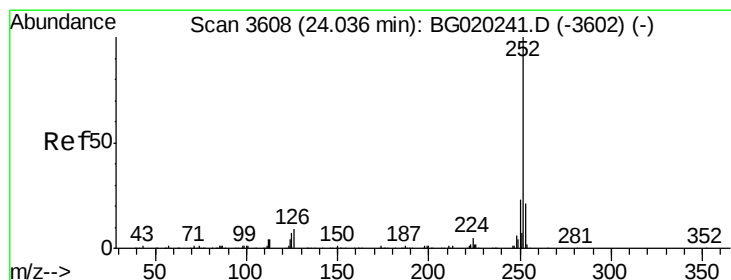
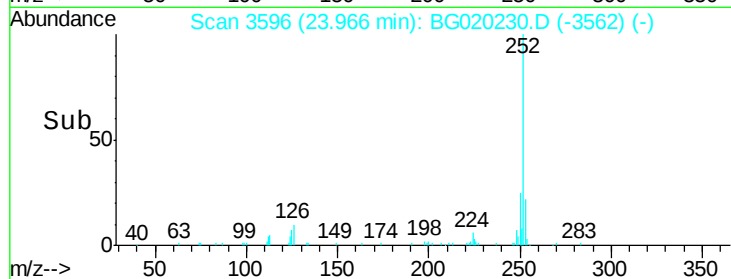
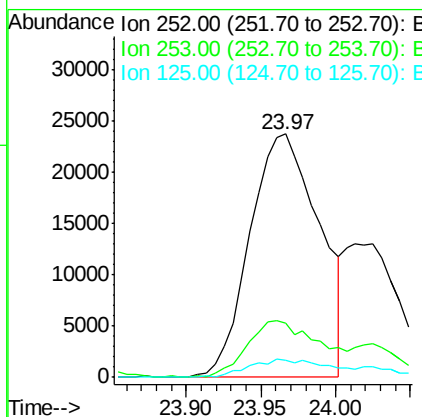
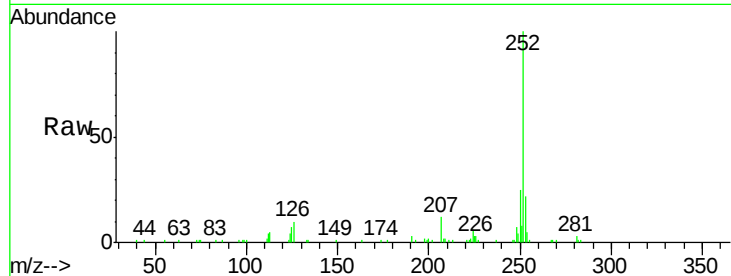
#88
Benzo(b)fluoranthene
Concen: 6.72 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. 0.00 min
Lab File: BG020230.D
Acq: 16 Dec 2015 20:54

Instrument :
BNA_G
ClientSampleId :
G9BM3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.7	25.1
125	7.2	6.2	9.2

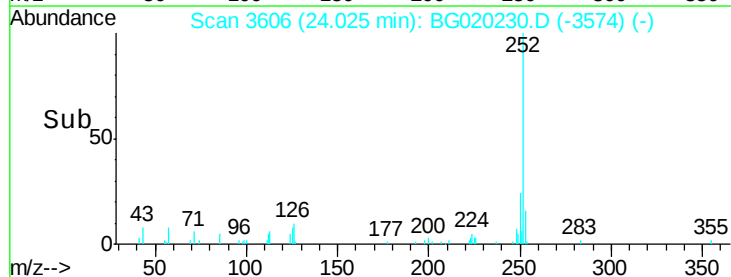
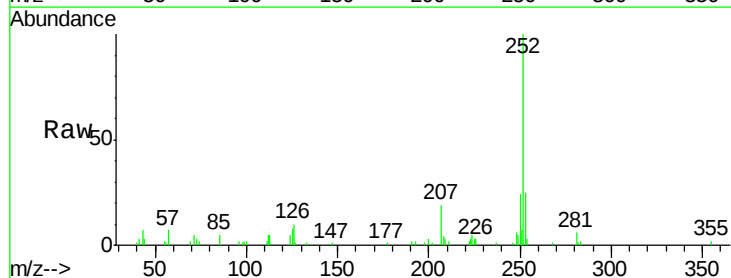
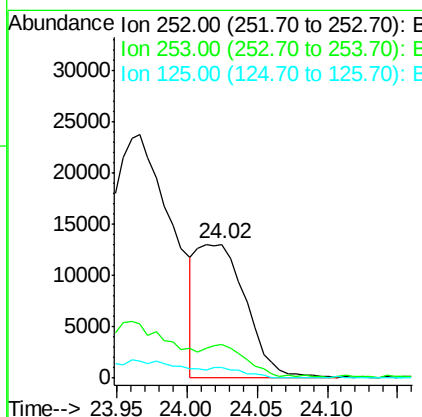
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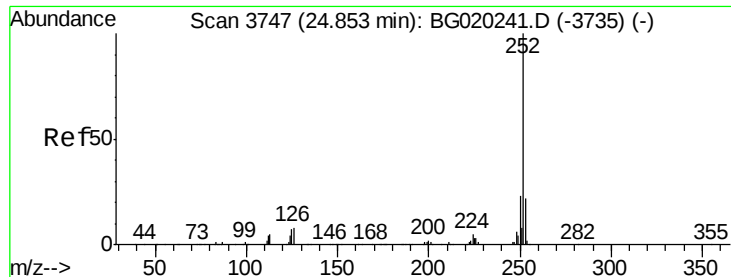
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#89
Benzo(k)fluoranthene
Concen: 2.94 ng/ul m
RT: 24.02 min Scan# 3606
Delta R.T. -0.01 min
Lab File: BG020230.D
Acq: 16 Dec 2015 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	7.9	5.8	8.6





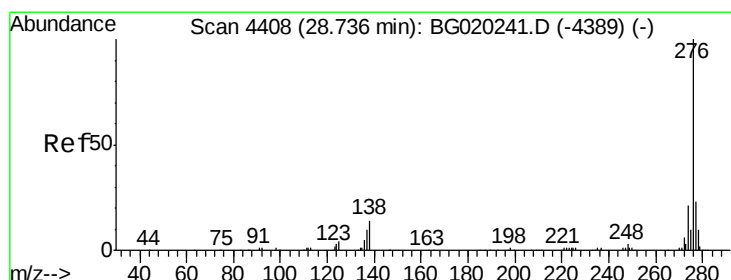
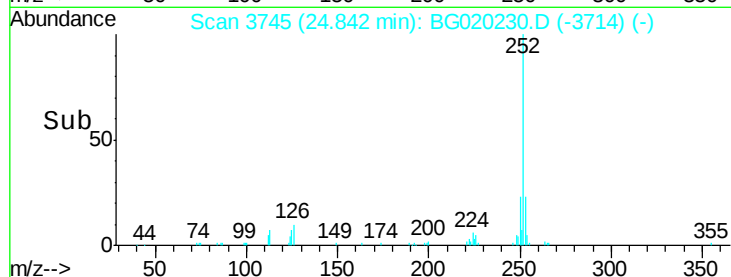
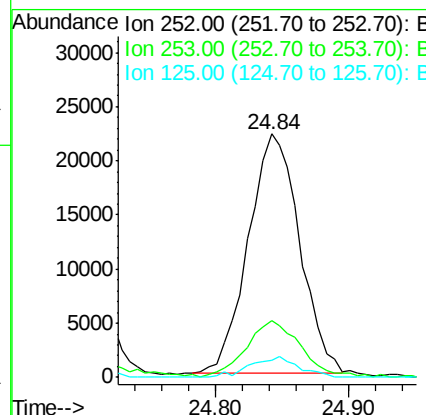
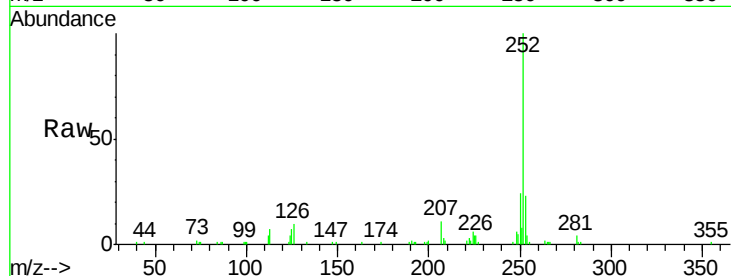
#91
Benzo(a)pyrene
Concen: 5.39 ng/ul
RT: 24.84 min Scan# 3745
Delta R.T. -0.02 min
Lab File: BG020230.D
Acq: 16 Dec 2015 20:54

Instrument :
BNA_G
ClientSampleId :
G9BM3

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.5	17.0	25.4
125	7.2	6.2	9.4

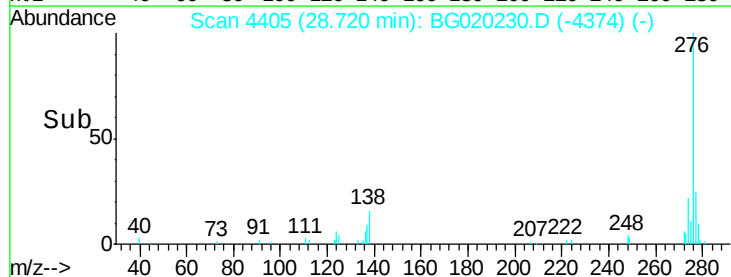
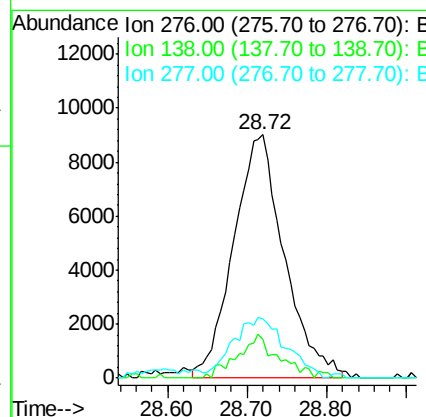
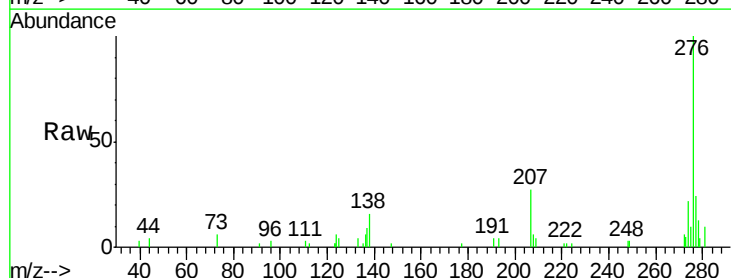
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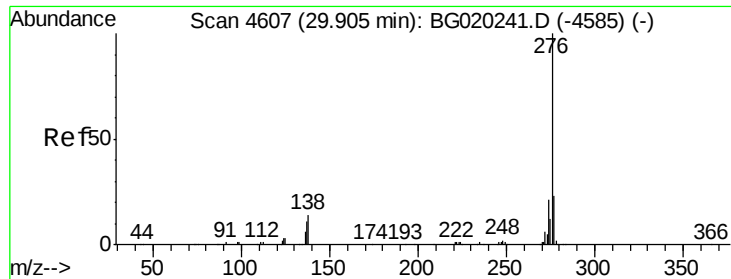
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.10 ng/ul
RT: 28.72 min Scan# 4405
Delta R.T. -0.02 min
Lab File: BG020230.D
Acq: 16 Dec 2015 20:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.2	11.4	17.0
277	24.5	17.4	26.0





#94
 Benzo(g,h,i)perylene
 Concen: 3.27 ng/ul
 RT: 29.87 min Scan# 4601
 Delta R.T. -0.04 min
 Lab File: BG020230.D
 Acq: 16 Dec 2015 20:54

Instrument :
 BNA_G
 ClientSampleId :
 G9BM3

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.4	10.8	16.2
277	22.1	19.9	29.9

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