

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052216\
 Data File : BG022014.D
 Acq On : 22 May 2016 16:02
 Operator : UM/SJ
 Sample : H3204-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XH1MS

Manual Integrations
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Quant Time: May 24 09:20:18 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	37818	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	192729	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	107961	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	206212	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	180547	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	172110	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1265	1.53	ng/uL	0.00
3) Phenol-d5	7.31	99	64314	19.26	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	34681	19.50	ng/ul	0.00
5) 2-Chlorophenol-d4	7.68	132	56290	20.53	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	51649	17.36	ng/ul	0.00
8) Nitrobenzene-d5	9.32	128	27939	20.66	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	28838	19.99	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	52840	20.72	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	50541	25.17	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	175478	21.08	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	239849	22.37	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	16717	11.42	ng/ul	0.00
21) Fluorene-d10	15.77	176	159539	21.29	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	14788	14.45	ng/ul	0.00
26) Anthracene-d10	17.63	188	212796	22.40	ng/ul	0.00
30) Pyrene-d10	19.90	212	225848	23.71	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	180193	23.57	ng/ul	0.00

Target Compounds

						Qvalue
11) Naphthalene	11.03	128	10248	1.09	ng/ul	98
19) Acenaphthene	14.85	153	163492	21.32	ng/ul	97
25) Phenanthrene	17.57	178	29915	2.71	ng/ul	96
28) Fluoranthene	19.57	202	51285	4.48	ng/ul	96
31) Pyrene	19.94	202	315000m	25.33	ng/ul	
32) Benzo(a)anthracene	21.79	228	23866	2.38	ng/ul	92
33) Chrysene	21.86	228	31733	3.26	ng/ul	97
35) Benzo(b)fluoranthene	24.08	252	41667	4.21	ng/ul#	91
36) Benzo(k)fluoranthene	24.14	252	16892m	1.74	ng/ul	
38) Benzo(a)pyrene	24.98	252	26225	2.77	ng/ul#	92
39) Indeno(1,2,3-cd)pyrene	28.94	276	22668m	2.11	ng/ul	
41) Benzo(g,h,i)perylene	30.16	276	19831m	2.18	ng/ul	

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

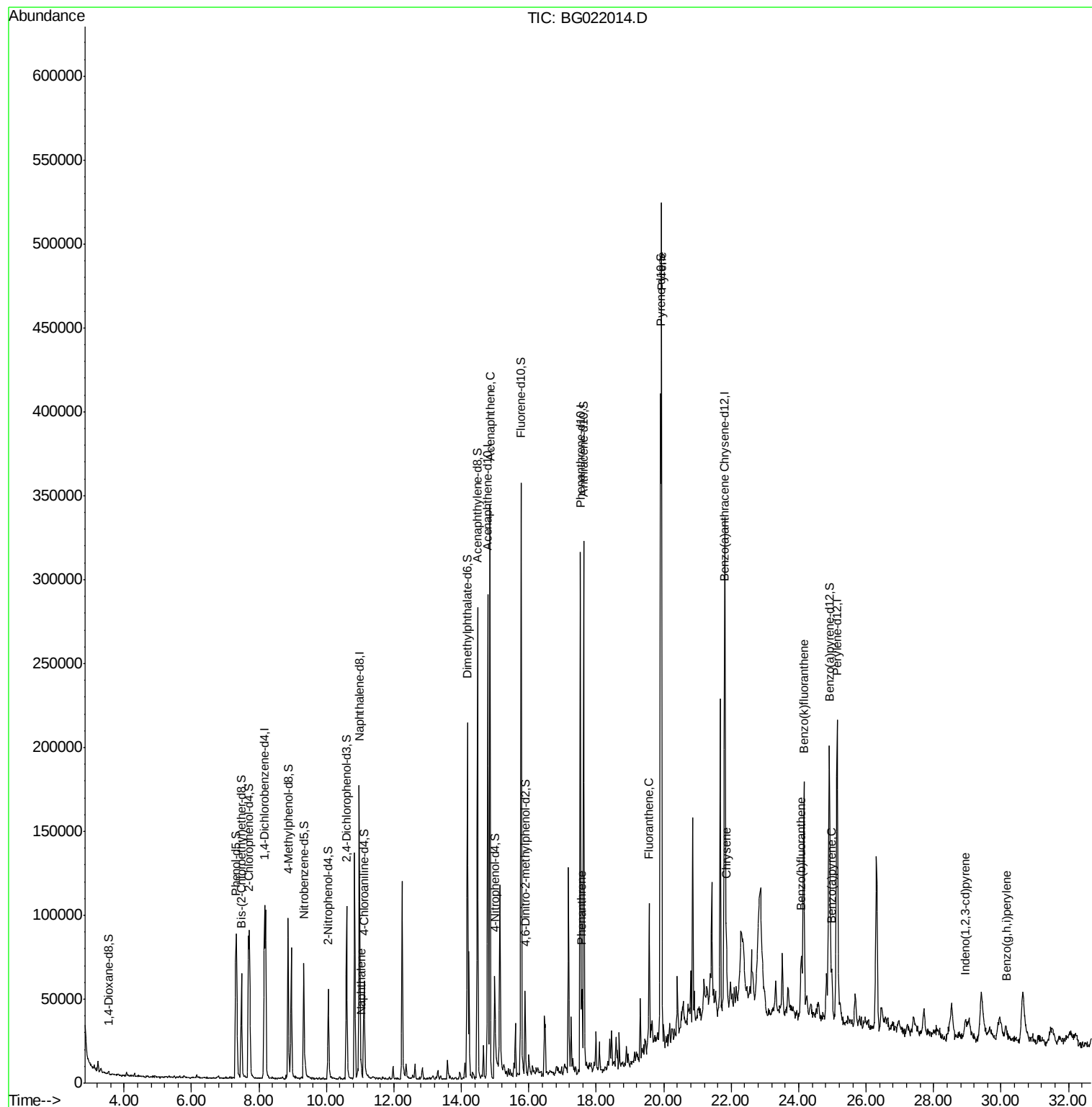
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Data File : BG022014.D
Acq On : 22 May 2016 16:02
Operator : UM/SJ
Sample : H3204-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

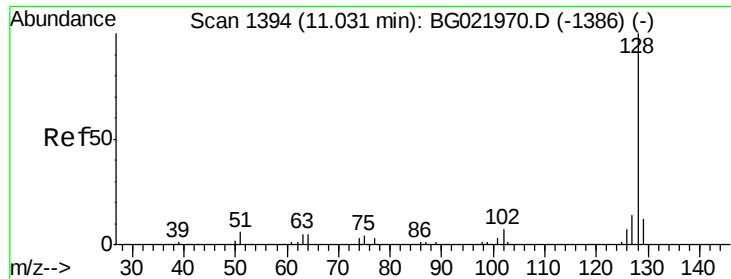
Instrument :
BNA_G
ClientSampleId :
D9XH1MS

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Quant Time: May 24 09:20:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
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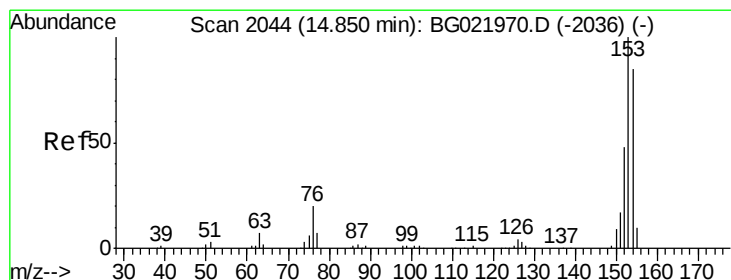
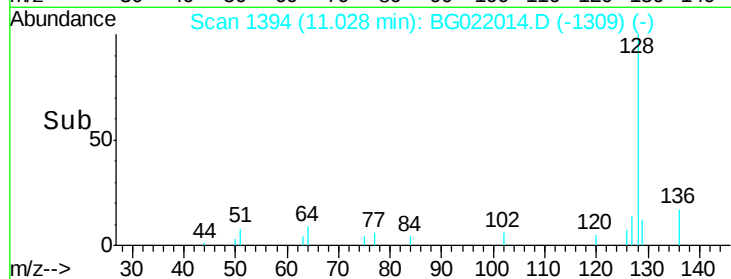
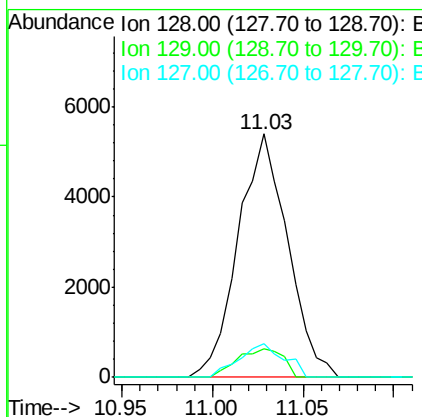
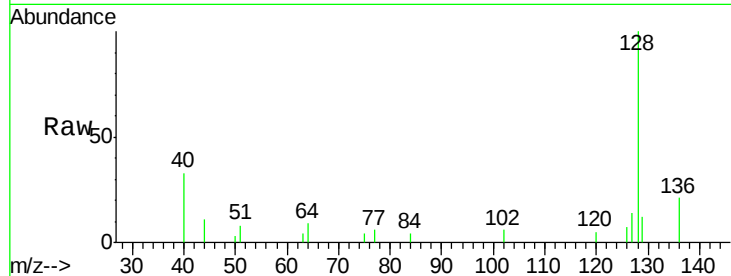
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Naphthalene
Concen: 1.09 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG022014.D
Acq: 22 May 2016 16:02

Instrument :
BNA_G
ClientSampleId :
D9XH1MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.3	12.5
127	13.6	10.8	16.2

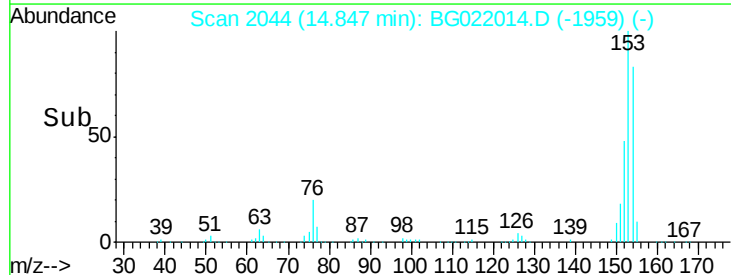
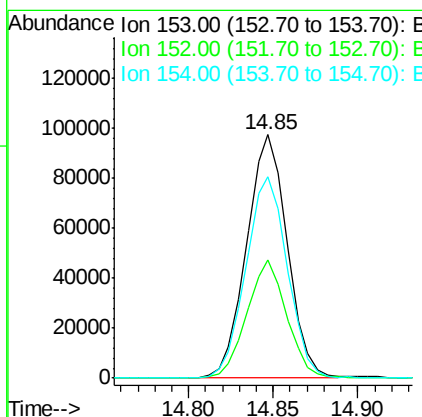
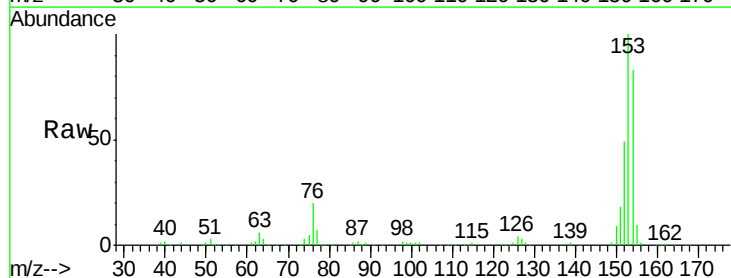
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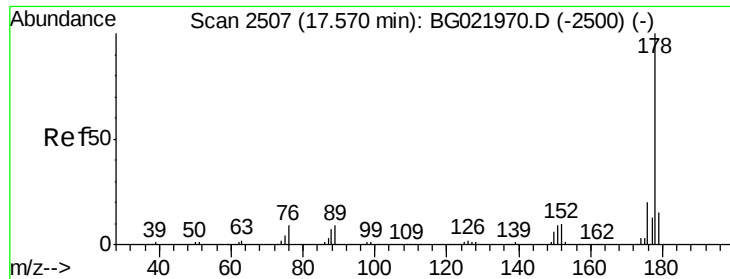
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#19
Acenaphthene
Concen: 21.32 ng/ul
RT: 14.85 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG022014.D
Acq: 22 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.5	36.5	54.7
154	82.5	67.3	100.9





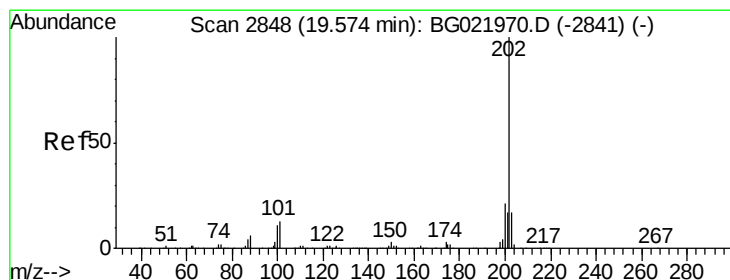
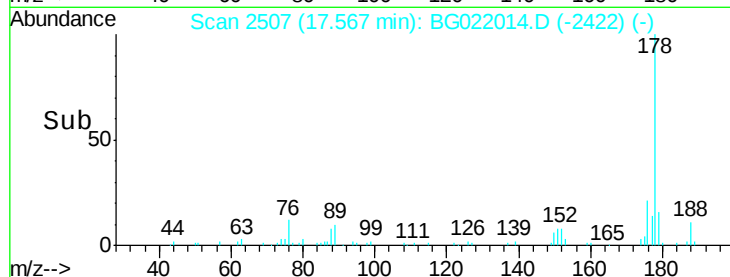
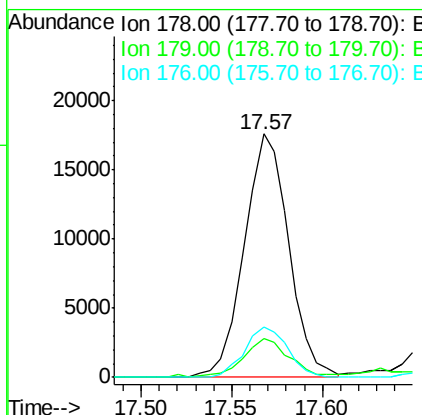
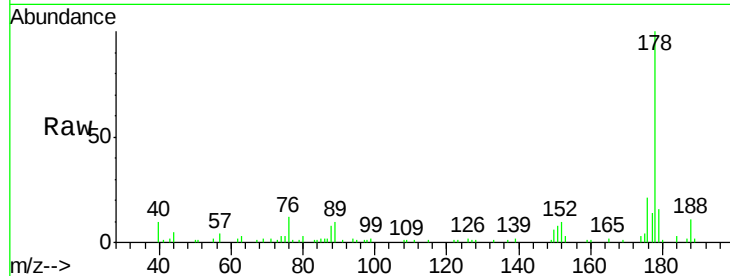
#25
Phenanthrene
Concen: 2.71 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG022014.D
Acq: 22 May 2016 16:02

Instrument :
BNA_G
ClientSampleId :
D9XH1MS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	29915		
179	15.8		11.8	17.8
176	20.5		14.8	22.2

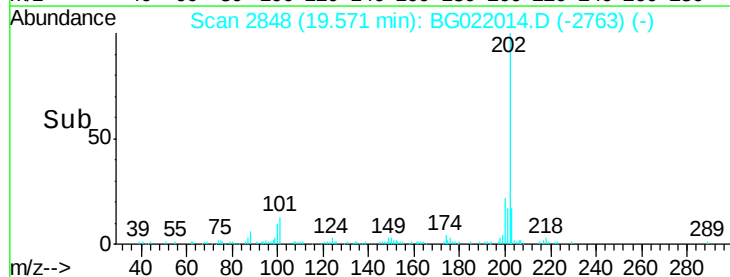
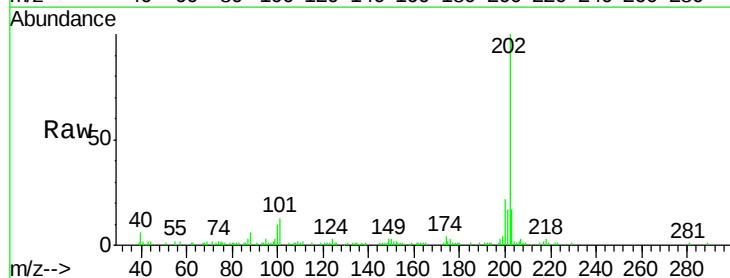
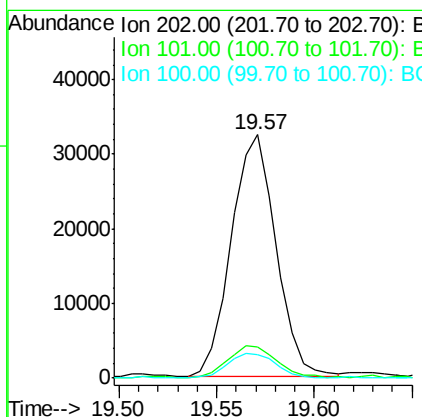
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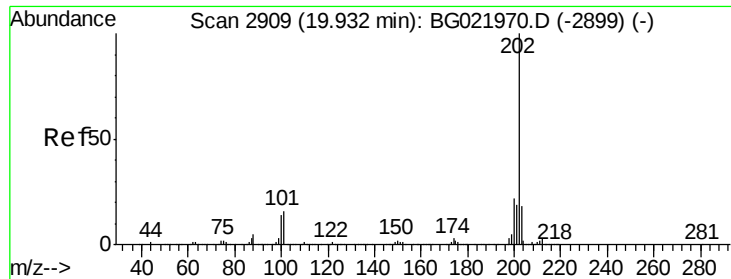
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#28
Fluoranthene
Concen: 4.48 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG022014.D
Acq: 22 May 2016 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51285		
101	12.9		8.9	13.3
100	9.5		7.0	10.4





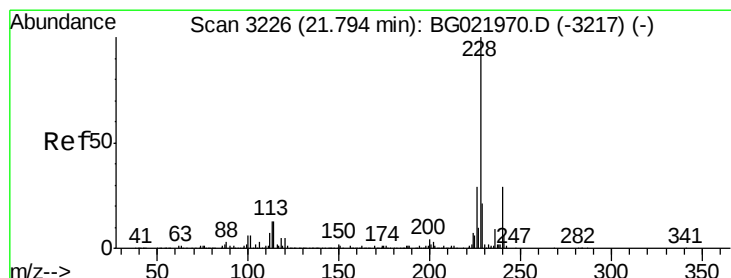
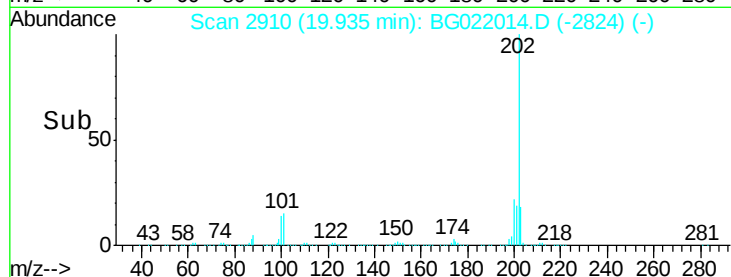
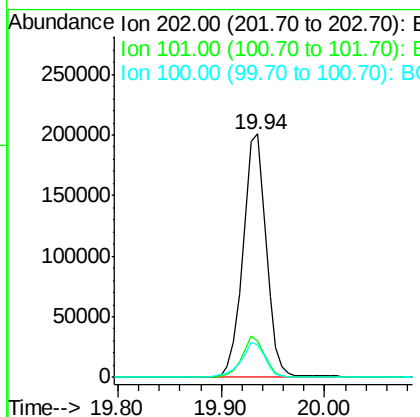
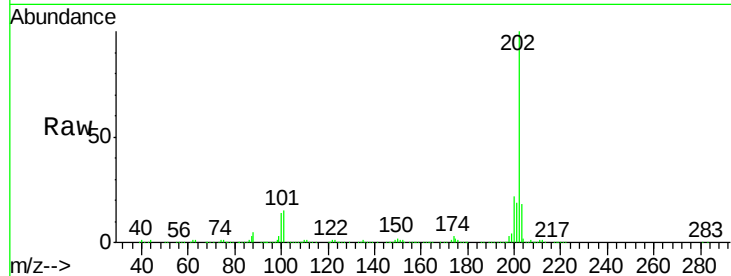
#31
 Pyrene
 Concen: 25.33 ng/ul m
 RT: 19.94 min Scan# 2910
 Delta R.T. 0.00 min
 Lab File: BG022014.D
 Acq: 22 May 2016 16:02

Instrument :
 BNA_G
 ClientSampleId :
 D9XH1MS

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	9.8	14.8#
100	13.6	9.3	13.9

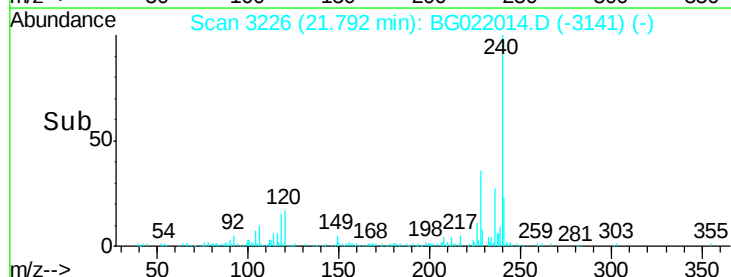
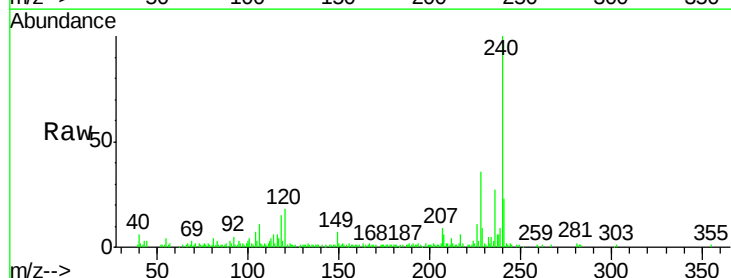
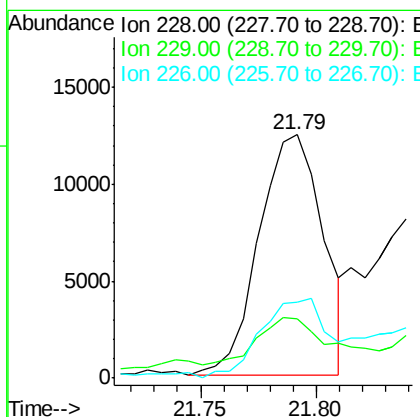
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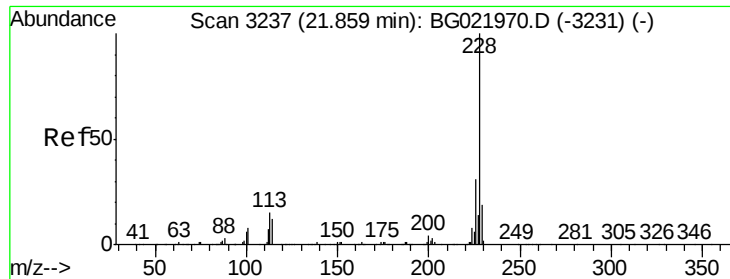
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#32
 Benzo(a)anthracene
 Concen: 2.38 ng/ul
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: BG022014.D
 Acq: 22 May 2016 16:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.1	16.6	25.0
226	30.9	21.0	31.4





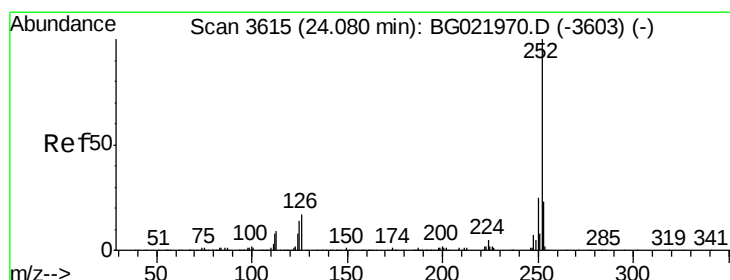
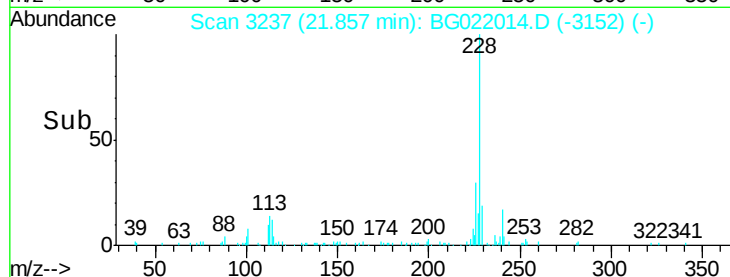
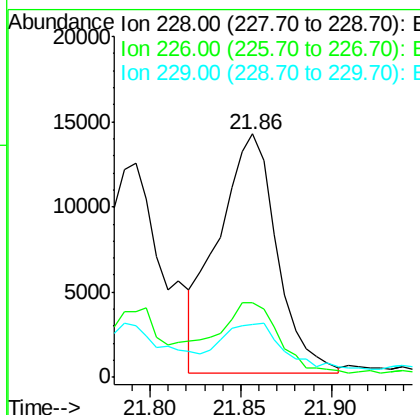
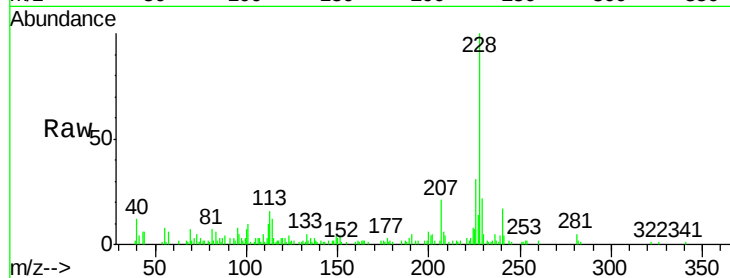
#33
Chrysene
Concen: 3.26 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BG022014.D
Acq: 22 May 2016 16:02

Instrument :
BNA_G
ClientSampleId :
D9XH1MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	21.5	16.2	24.2

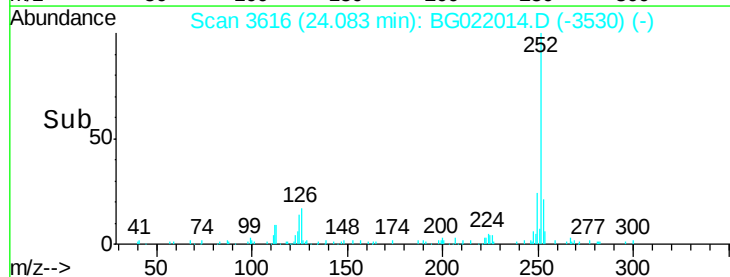
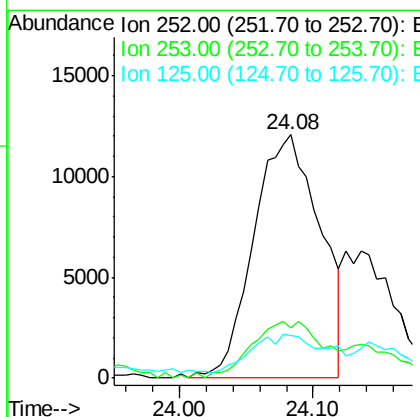
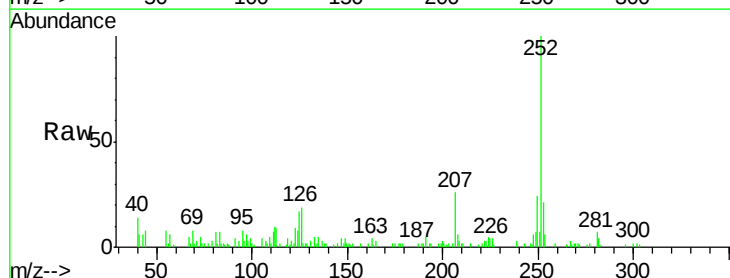
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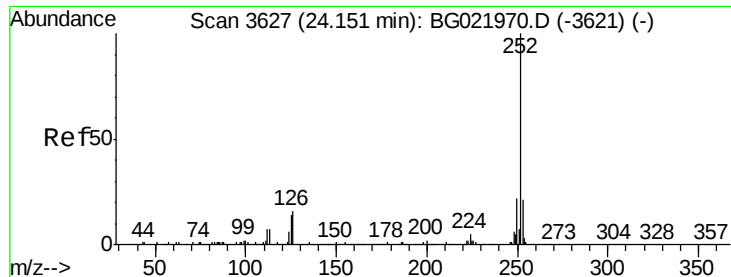
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#35
Benzo(b)fluoranthene
Concen: 4.21 ng/ul
RT: 24.08 min Scan# 3616
Delta R.T. 0.00 min
Lab File: BG022014.D
Acq: 22 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.1	27.1
125	17.3	7.6	11.4#





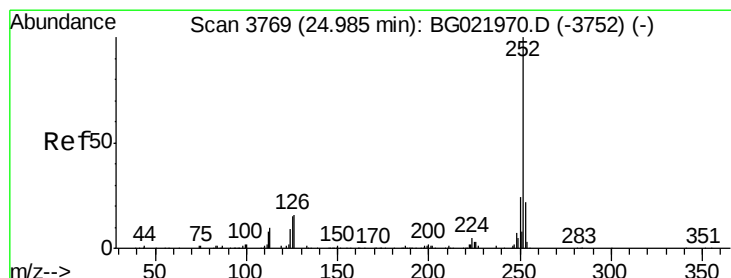
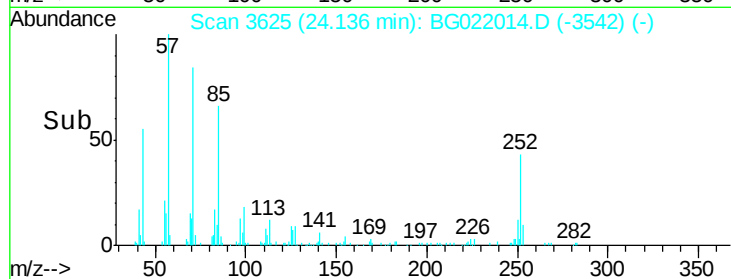
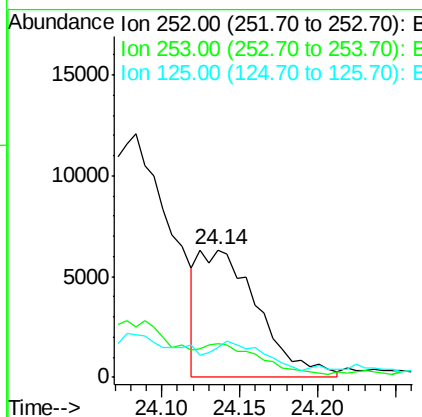
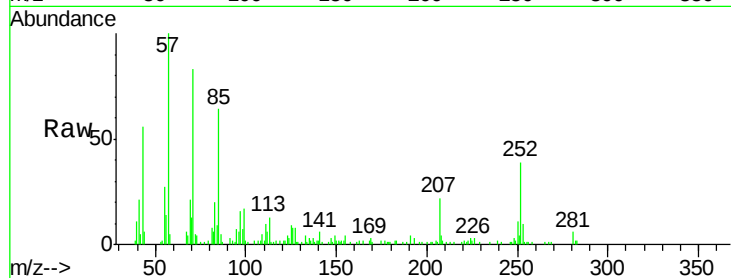
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Benzo(k)fluoranthene
Concen: 1.74 ng/ul m
RT: 24.14 min Scan# 3625
Delta R.T. -0.01 min
Lab File: BG022014.D
Acq: 22 May 2016 16:02

Instrument :
BNA_G
ClientSampleId :
D9XH1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.8	26.8
125	23.6	7.7	11.5#

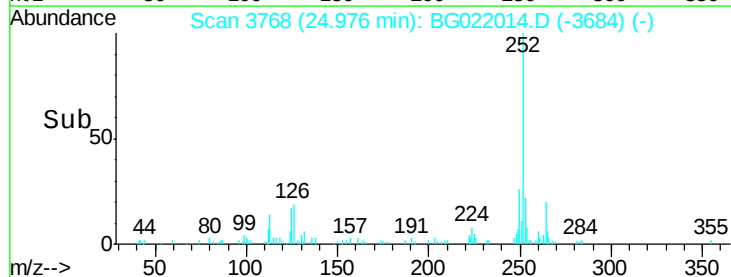
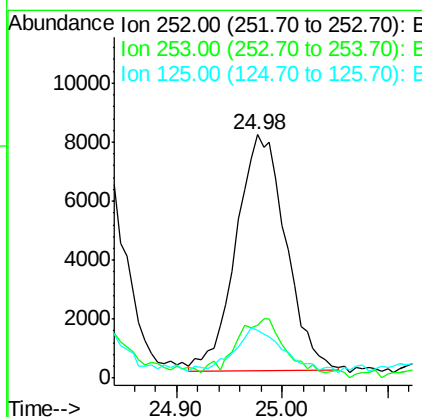
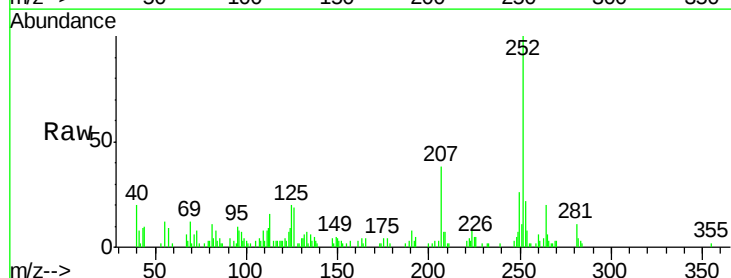
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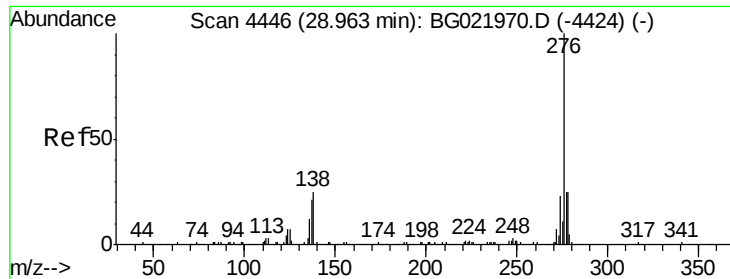
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#38
Benzo(a)pyrene
Concen: 2.77 ng/ul
RT: 24.98 min Scan# 3768
Delta R.T. -0.01 min
Lab File: BG022014.D
Acq: 22 May 2016 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	19.7	8.2	12.2#





#39

Indeno(1,2,3-cd)pyrene

Concen: 2.11 ng/ul m

RT: 28.94 min Scan# 4443

Delta R.T. -0.02 min

Lab File: BG022014.D

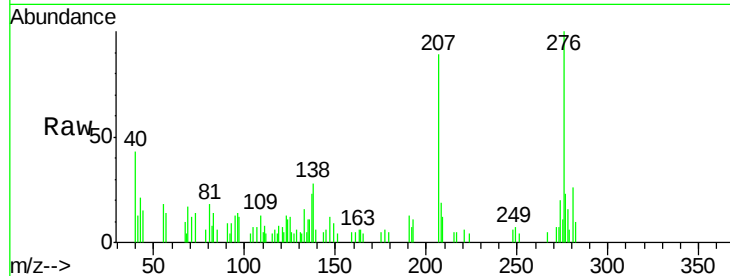
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Instrument :

BNA_G

ClientSampleId :

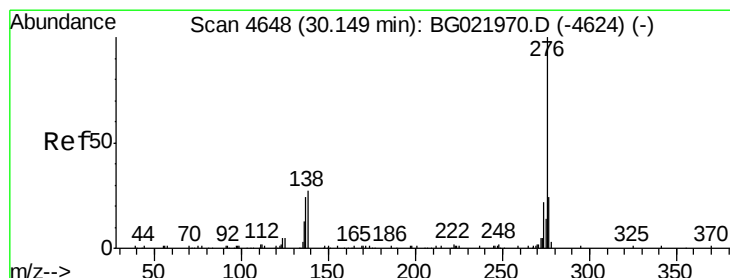
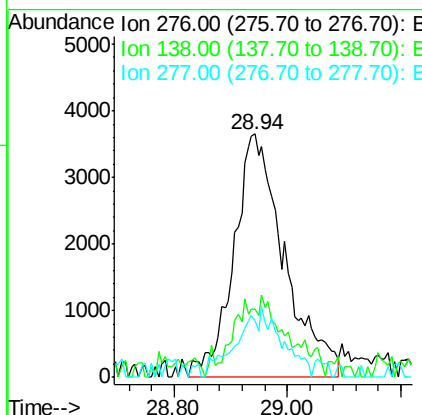
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	15.8	23.6#
277	23.2	19.0	28.6

Manual Integrations
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#41

Benzo(g,h,i)perylene

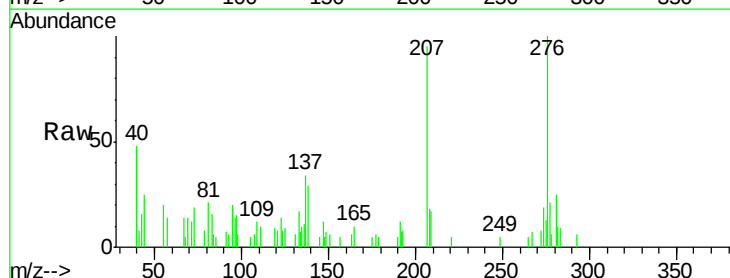
Concen: 2.18 ng/ul m

RT: 30.16 min Scan# 4650

Delta R.T. 0.01 min

Lab File: BG022014.D

Acq: 22 May 2016 16:02



Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	13.9	20.9#
277	20.9	19.8	29.6

