

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
 Data File : BG025891.D
 Acq On : 21 Feb 2017 2:39
 Operator : SJ/MA
 Sample : I1898-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABC1

Manual Integrations
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mohammad
 2/21/2017 10:34:09 AM

Quant Time: Feb 21 03:21:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 21 02:22:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	114160	20.00	ng/ul	0.00
2) Naphthalene-d8	10.88	136	570496	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.68	164	352359	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	771245	20.00	ng/ul	0.00
17) Chrysene-d12	21.66	240	755265	20.00	ng/ul	0.00
22) Perylene-d12	24.87	264	721389	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	937639	32.13	ng/ul	0.00
10) Fluorene-d10	15.67	176	683535	30.50	ng/ul	0.00
14) Anthracene-d10	17.51	188	980519	28.12	ng/ul	0.00
18) Pyrene-d10	19.79	212	1016586	27.93	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.66	264	935870	29.31	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.46	178	53629m	1.30	ng/ul	Qvalue
16) Fluoranthene	19.46	202	94334	2.09	ng/ul	99
19) Pyrene	19.81	202	96483	2.11	ng/ul#	95
20) Benzo(a)anthracene	21.65	228	61735	1.45	ng/ul	95
21) Chrysene	21.71	228	69011	1.70	ng/ul	95
23) Benzo(b)fluoranthene	23.85	252	95046	2.28	ng/ul#	92
26) Benzo(a)pyrene	24.72	252	60578	1.50	ng/ul#	92
29) Benzo(g,h,i)perylene	29.65	276	50550m	1.30	ng/ul	

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

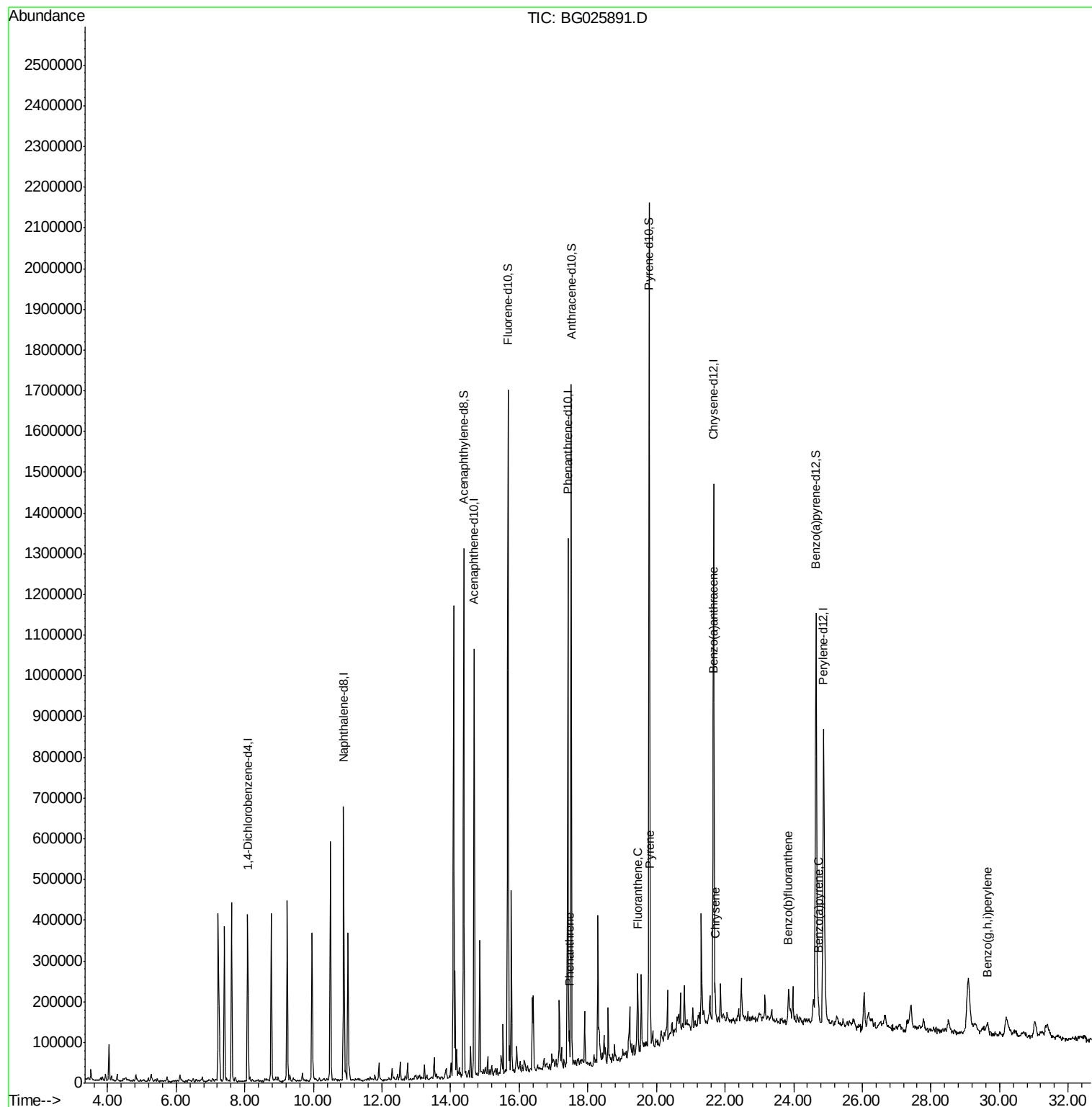
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
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Operator : SJ/MA
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ALS Vial : 25 Sample Multiplier: 1

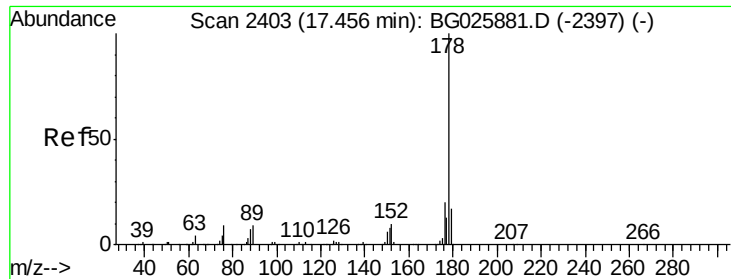
Instrument :
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ClientSampleId :
DABC1

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#13

Phenanthrene

Concen: 1.30 ng/ul m

RT: 17.46 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG025891.D

Acq: 21 Feb 2017 2:39

Instrument :

BNA_G

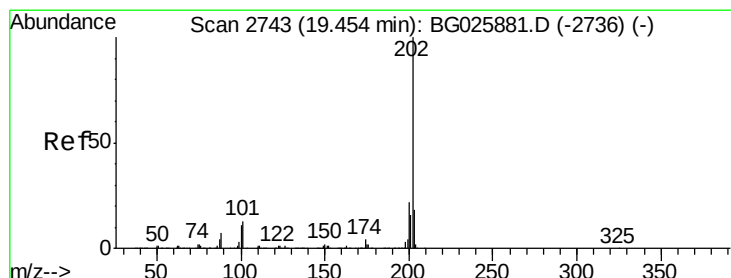
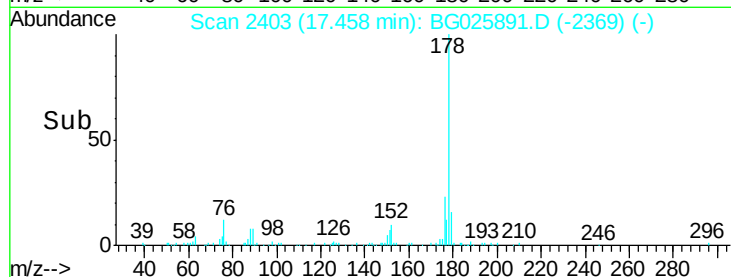
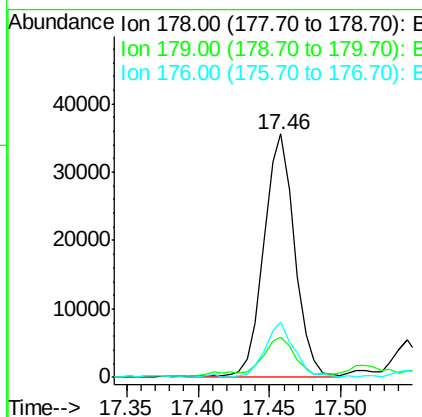
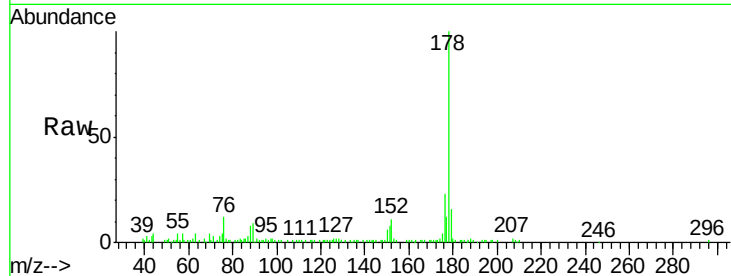
ClientSampleId :

DABC1

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	53629		
179	16.5	12.3	18.5	
176	22.7	15.1	22.7#	

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#16

Fluoranthene

Concen: 2.09 ng/ul

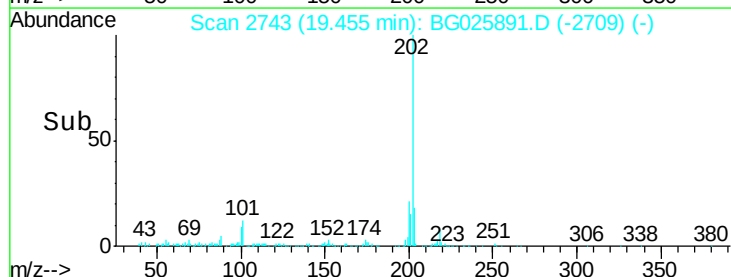
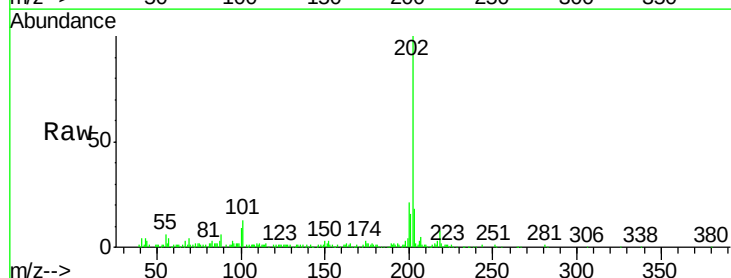
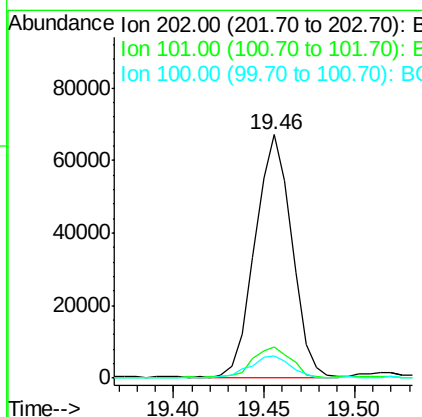
RT: 19.46 min Scan# 2743

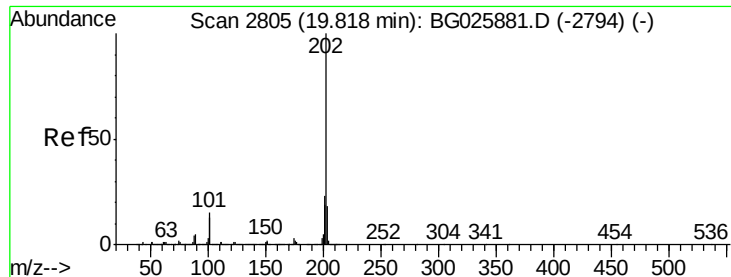
Delta R.T. 0.00 min

Lab File: BG025891.D

Acq: 21 Feb 2017 2:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	94334		
101	12.6	9.9	14.9	
100	9.4	7.4	11.0	





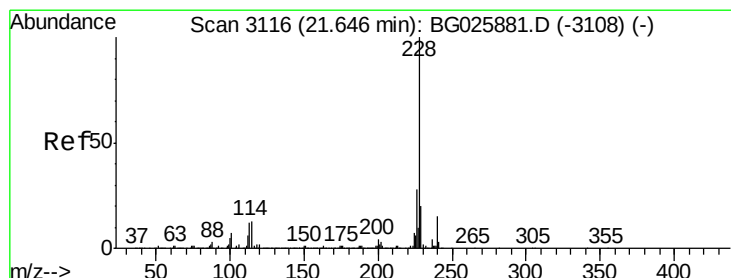
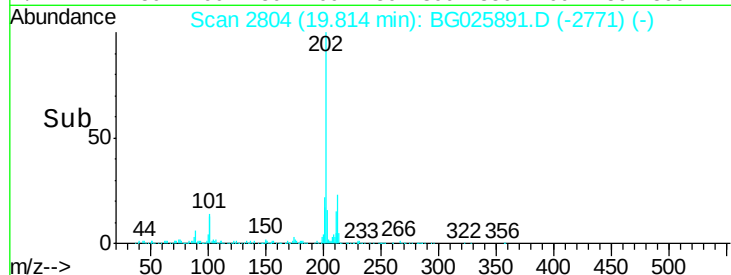
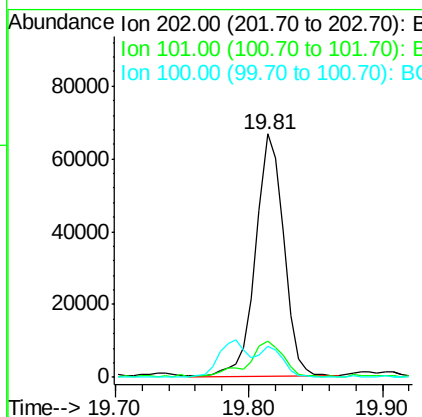
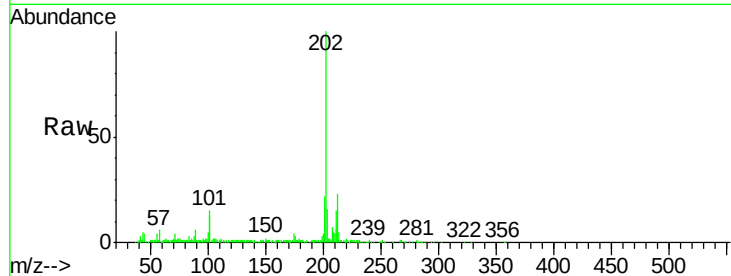
#19
 Pyrene
 Concen: 2.11 ng/ul
 RT: 19.81 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BG025891.D
 Acq: 21 Feb 2017 2:39

Instrument :
 BNA_G
 ClientSampleId :
 DABC1

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	11.0	16.4
100	13.0	8.1	12.1

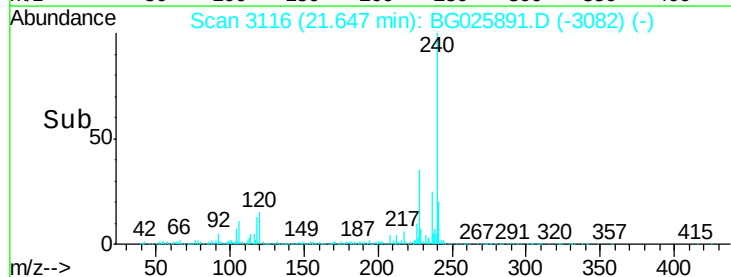
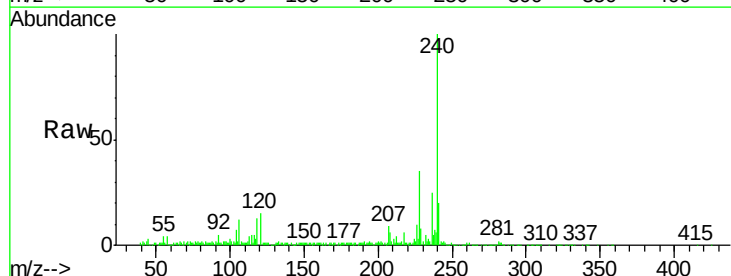
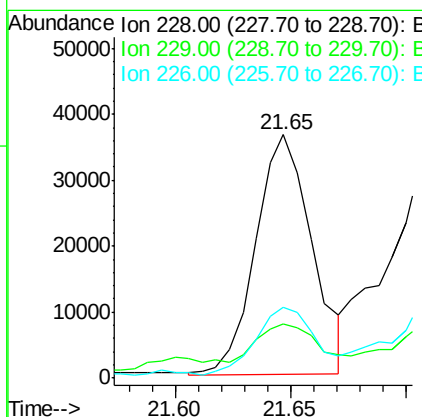
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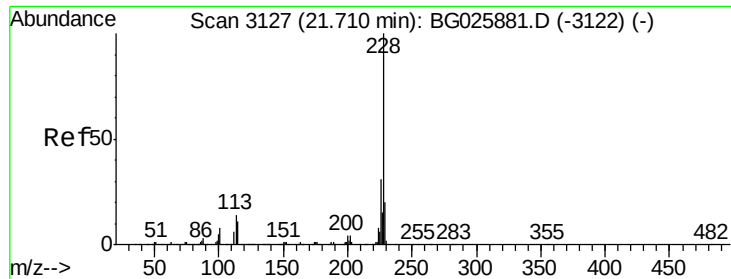
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#20
 Benzo(a)anthracene
 Concen: 1.45 ng/ul
 RT: 21.65 min Scan# 3116
 Delta R.T. 0.00 min
 Lab File: BG025891.D
 Acq: 21 Feb 2017 2:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.1	15.7	23.5
226	29.1	21.1	31.7





#21

Chrysene

Concen: 1.70 ng/ul

RT: 21.71 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG025891.D

Acq: 21 Feb 2017 2:39

Instrument :

BNA_G

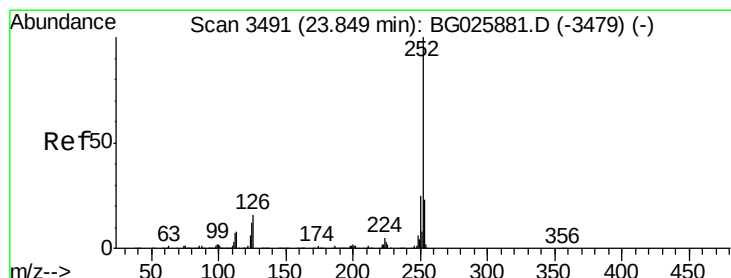
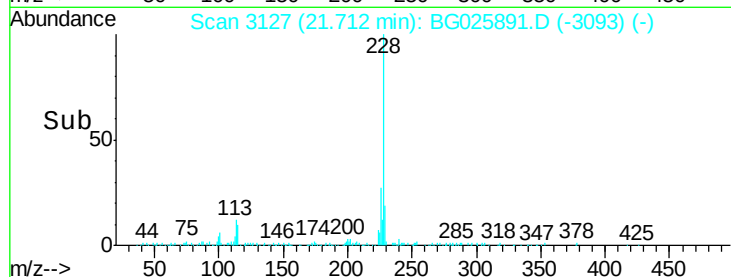
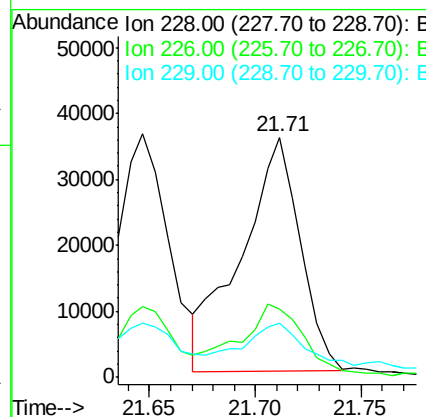
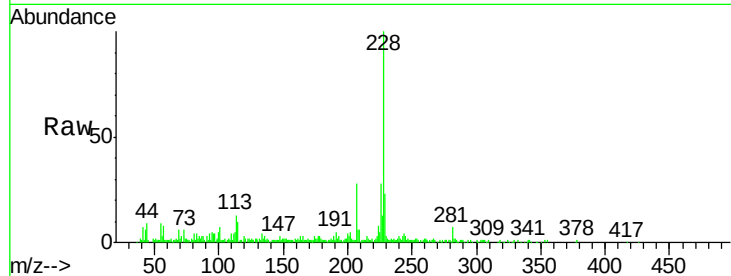
ClientSampled :

DABC1

Tgt Ion:	228	Resp:	69011
Ion Ratio	Lower	Upper	
228	100		
226	28.5	24.5	36.7
229	22.7	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 2.28 ng/ul

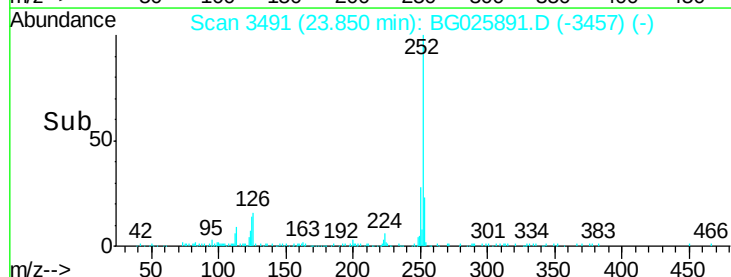
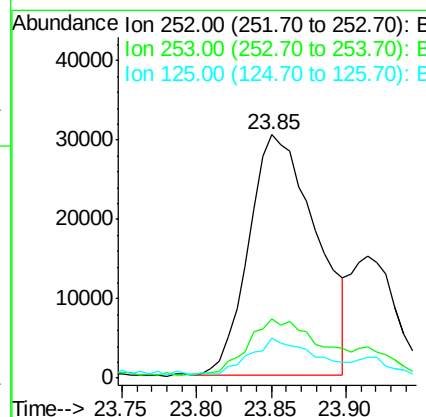
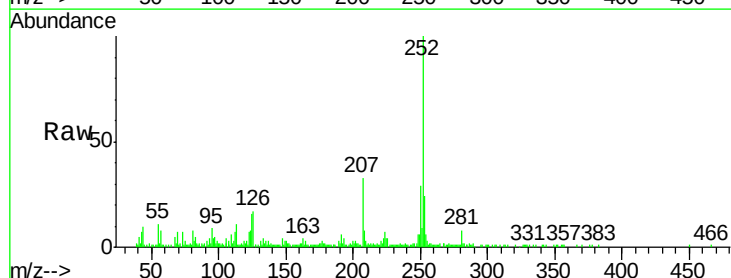
RT: 23.85 min Scan# 3491

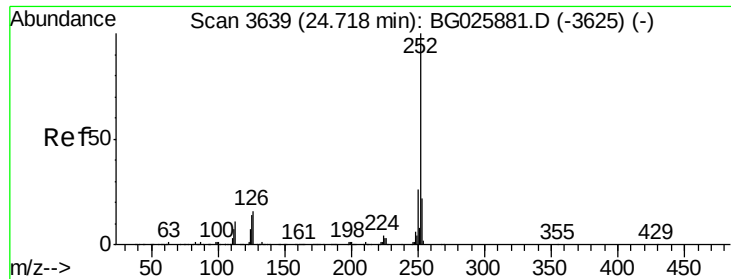
Delta R.T. 0.00 min

Lab File: BG025891.D

Acq: 21 Feb 2017 2:39

Tgt Ion:	252	Resp:	95046
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	16.5	8.0	12.0#





#26

Benzo(a)pyrene

Concen: 1.50 ng/ul

RT: 24.72 min Scan# 3639

Delta R.T. 0.00 min

Lab File: BG025891.D

Acq: 21 Feb 2017 2:39

Instrument :

BNA_G

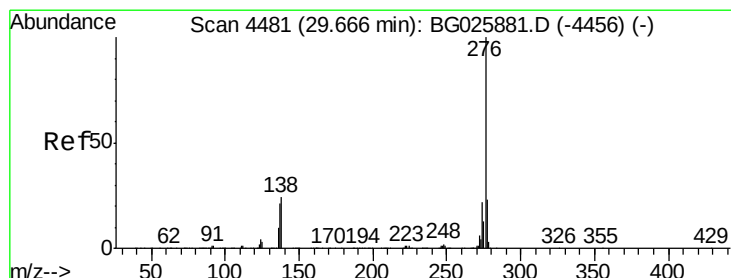
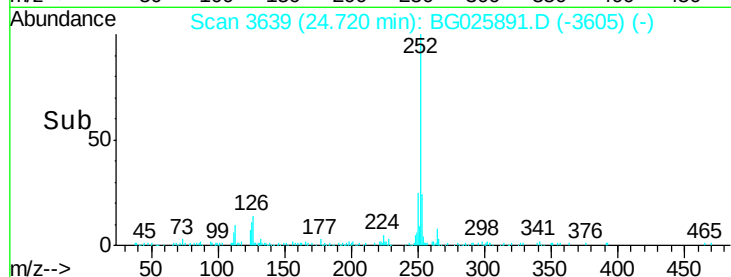
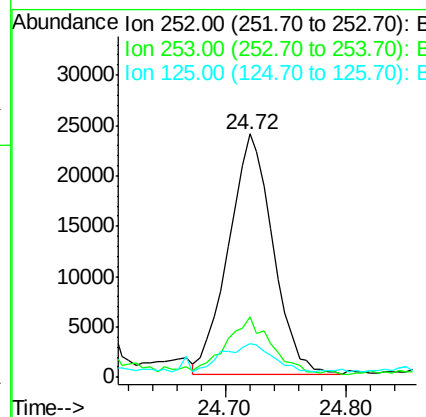
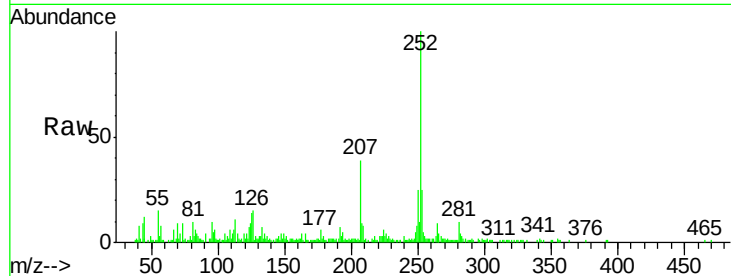
ClientSampleId :

DABC1

Tgt Ion:	252	Resp:	60578
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.2	25.8
125	13.8	8.2	12.4

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#29

Benzo(g,h,i)perylene

Concen: 1.30 ng/ul m

RT: 29.65 min Scan# 4478

Delta R.T. -0.02 min

Lab File: BG025891.D

Acq: 21 Feb 2017 2:39

Tgt Ion:	276	Resp:	50550
Ion Ratio	Lower	Upper	
276	100		
138	24.5	15.3	22.9
277	23.2	19.0	28.4

