

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
 Data File : BG016176.D
 Acq On : 27 Mar 2015 15:25
 Operator : TP/IZ
 Sample : G1647-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

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Quant Time: Mar 28 05:24:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 28 03:20:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	48379	20.00	ng/ul	0.01
18) Naphthalene-d8	10.58	136	223048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	140513	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	299692	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	305383	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	297894	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	74446	17.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	39351	16.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	58039	17.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	52580	16.09	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	31568	17.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	31942	18.81	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.19	165	55074	17.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	72202	16.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	169496	18.50	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	219953	17.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	24219	11.07	ng/ul	0.00
57) Fluorene-d10	15.41	176	159905	17.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	12162	7.77	ng/ul	0.00
70) Anthracene-d10	17.25	188	228569	16.70	ng/ul	0.00
76) Pyrene-d10	19.54	212	240248	17.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	195355	15.04	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.87	163	70760	6.81	ng/ul	99
74) Fluoranthene	19.21	202	28876	1.50	ng/ul	97
77) Pyrene	19.57	202	32493	1.73	ng/ul	95
80) Benzo(a)anthracene	21.31	228	26347	1.52	ng/ul	99
82) Chrysene	21.36	228	24419	1.48	ng/ul	96
85) Benzo(b)fluoranthene	22.91	252	49666	2.90	ng/ul	98
86) Benzo(k)fluoranthene	22.95	252	18947m	1.12	ng/ul	
88) Benzo(a)pyrene	23.50	252	37701	2.21	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	27310	1.39	ng/ul	94
91) Benzo(g,h,i)perylene	26.65	276	27105	1.64	ng/ul	96

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

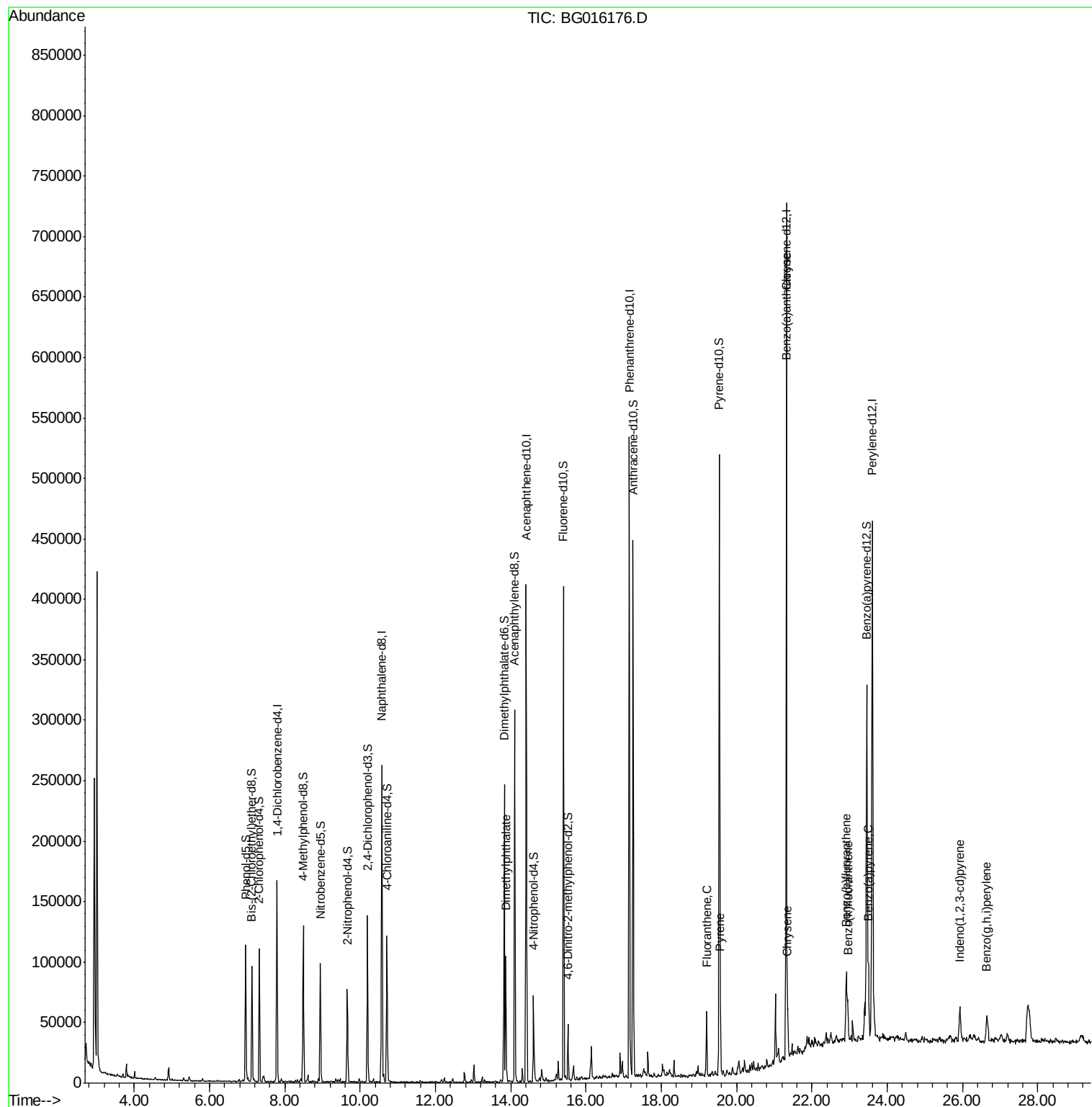
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016176.D
Acq On : 27 Mar 2015 15:25
Operator : TP/IZ
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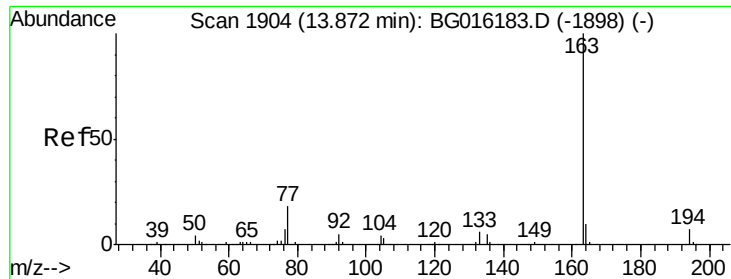
Instrument :
BNA_G
ClientSampleId :
C0AC2

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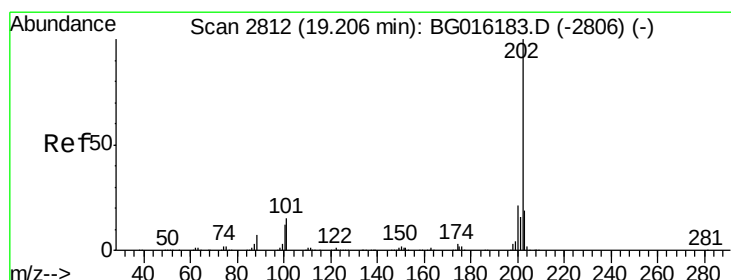
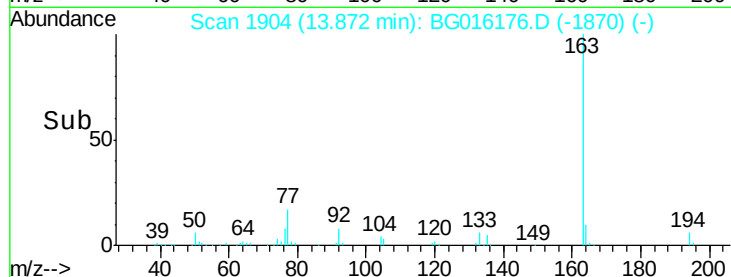
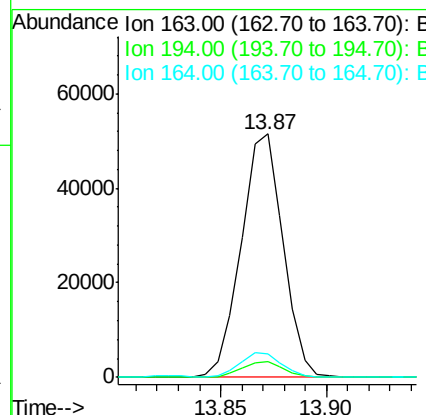
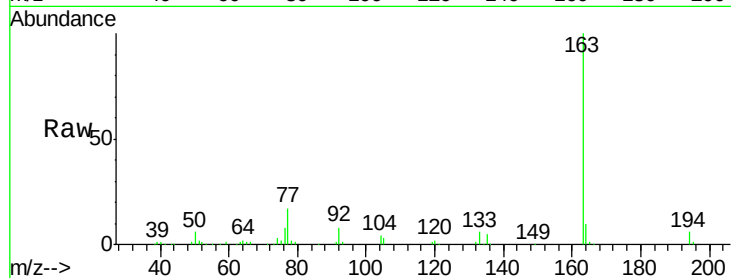
#44
Dimethylphthalate
Concen: 6.81 ng/ul
RT: 13.87 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BG016176.D
Acq: 27 Mar 2015 15:25

Instrument :
BNA_G
ClientSampleId :
C0AC2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	70760		
194	6.3	5.4	8.0	
164	9.7	8.2	12.4	

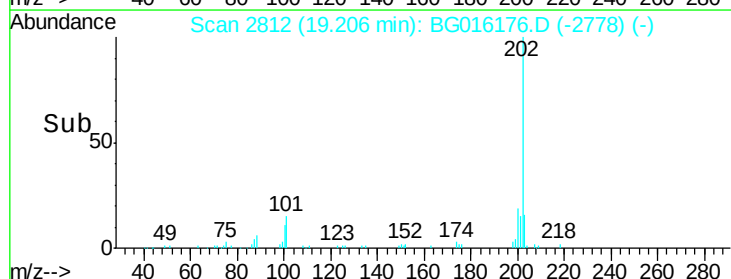
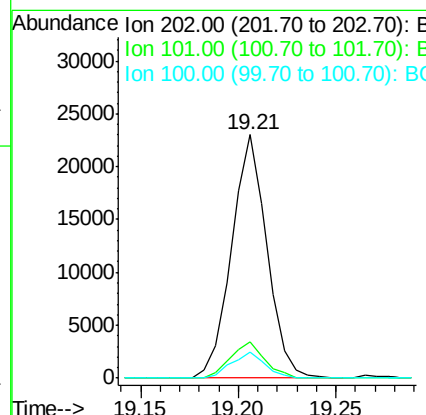
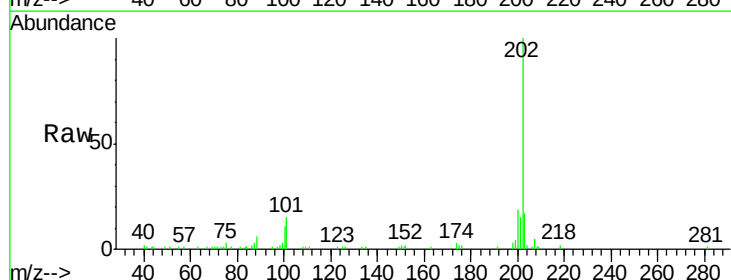
Manual Integrations
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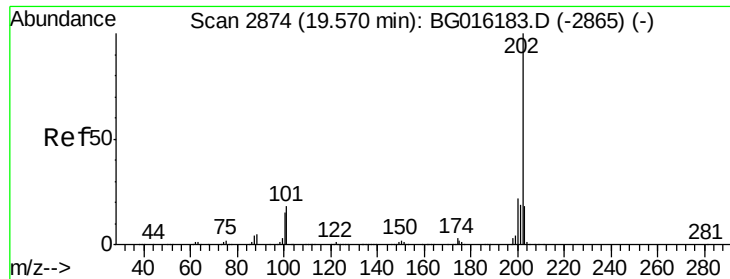
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#74
Fluoranthene
Concen: 1.50 ng/ul
RT: 19.21 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG016176.D
Acq: 27 Mar 2015 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	28876		
101	14.9	12.9	19.3	
100	10.5	9.4	14.2	





#77

Pyrene

Concen: 1.73 ng/ul

RT: 19.57 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BG016176.D

Acq: 27 Mar 2015 15:25

Instrument :

BNA_G

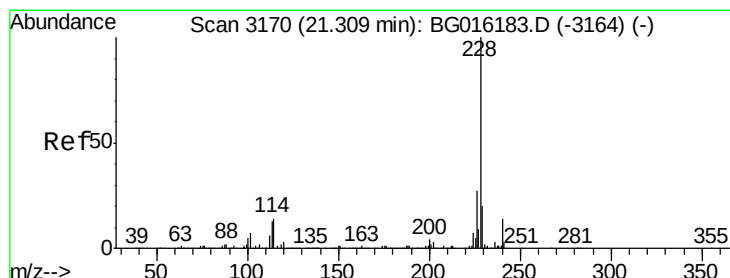
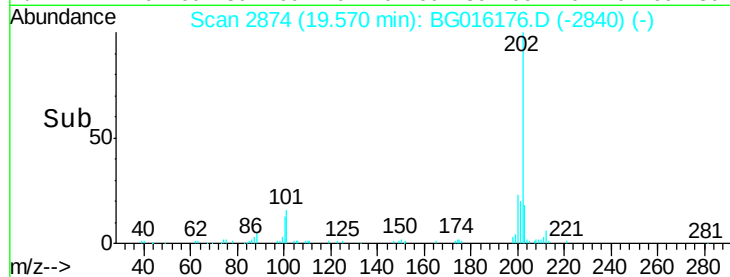
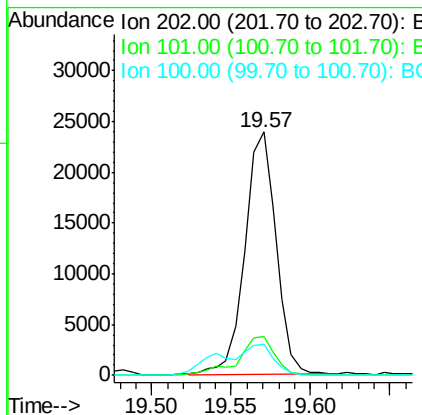
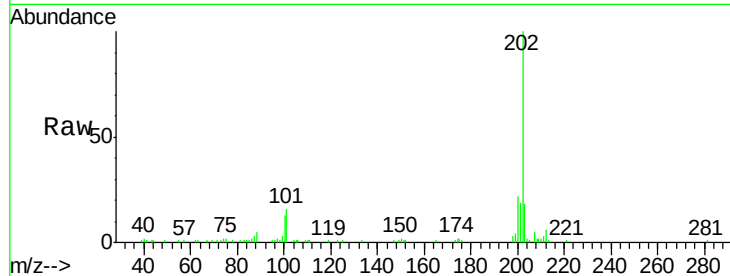
ClientSampleId :

C0AC2

Tgt Ion:	202	Resp:	32493
Ion Ratio	Lower	Upper	
202	100		
101	15.9	14.6	21.8
100	12.8	12.1	18.1

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#80

Benzo(a)anthracene

Concen: 1.52 ng/ul

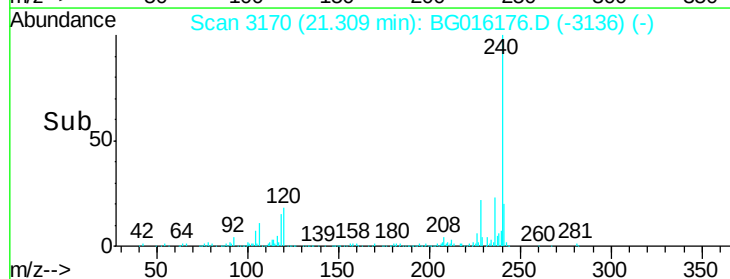
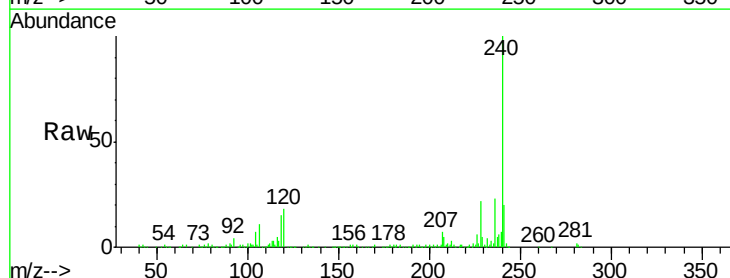
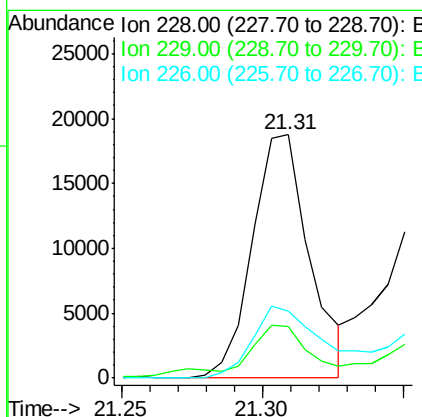
RT: 21.31 min Scan# 3170

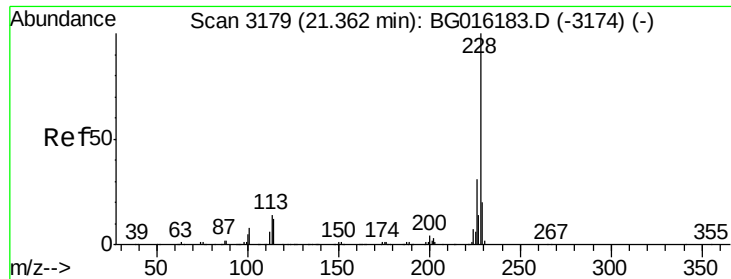
Delta R.T. -0.00 min

Lab File: BG016176.D

Acq: 27 Mar 2015 15:25

Tgt Ion:	228	Resp:	26347
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.2	24.4
226	27.6	22.4	33.6





#82

Chrysene

Concen: 1.48 ng/ul

RT: 21.36 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG016176.D

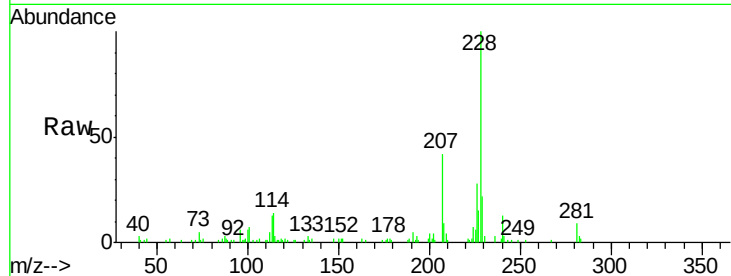
Acq: 27 Mar 2015 15:25

Instrument :

BNA_G

ClientSampleId :

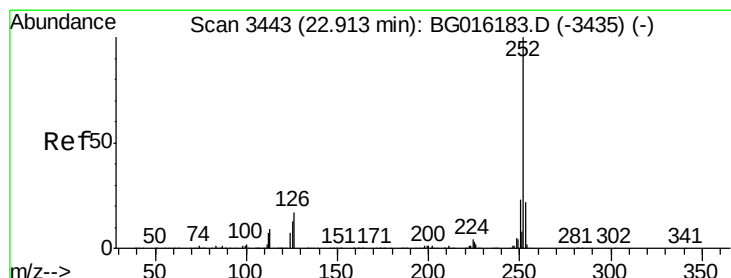
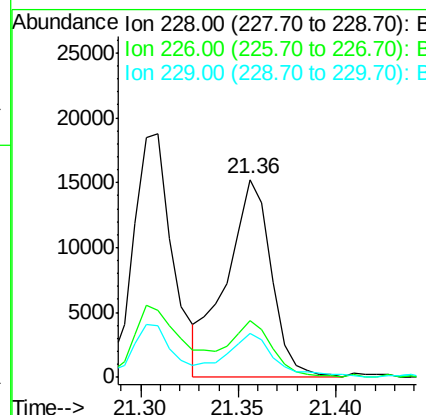
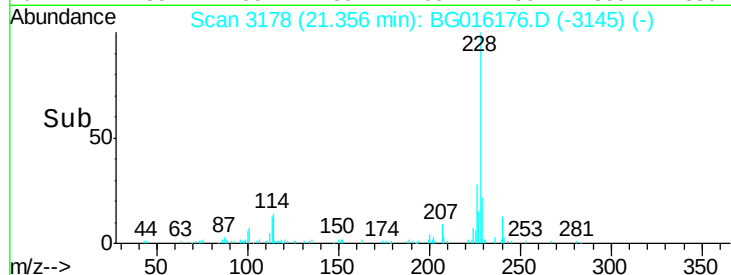
C0AC2



Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.6	36.8
229	22.3	16.6	25.0

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#85

Benzo(b)fluoranthene

Concen: 2.90 ng/ul

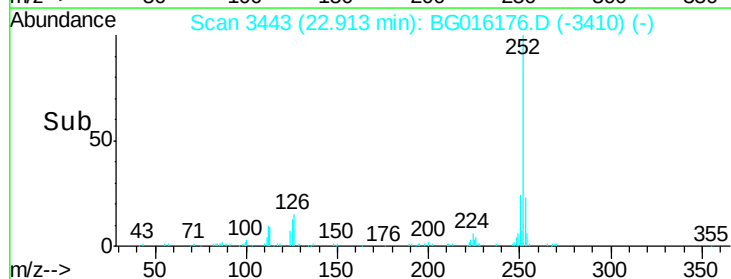
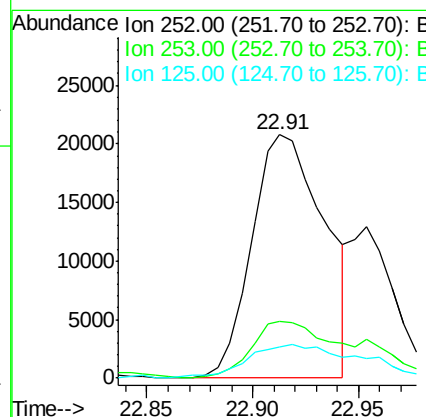
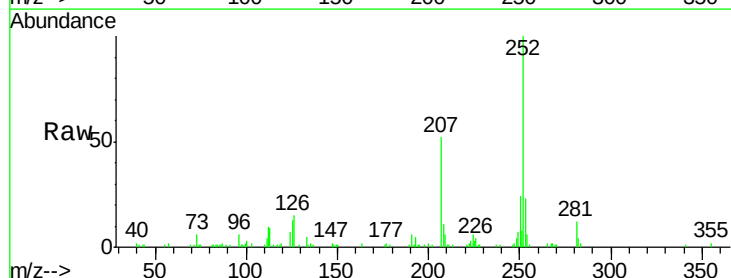
RT: 22.91 min Scan# 3443

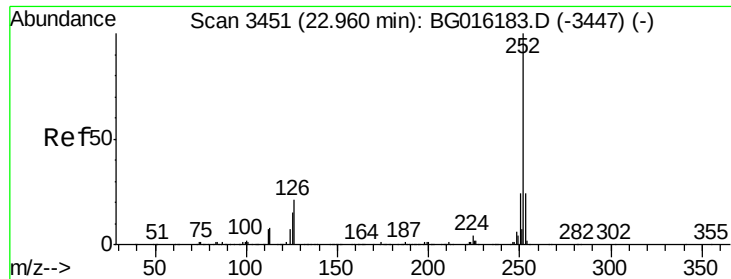
Delta R.T. -0.01 min

Lab File: BG016176.D

Acq: 27 Mar 2015 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	12.6	11.0	16.6





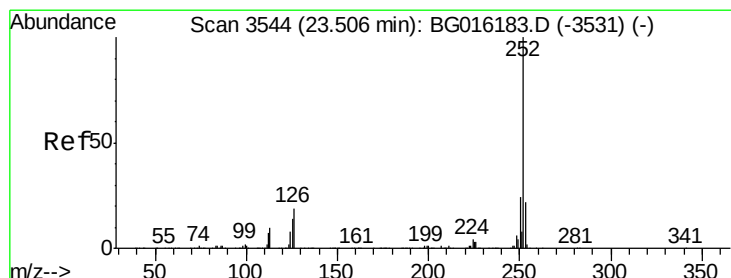
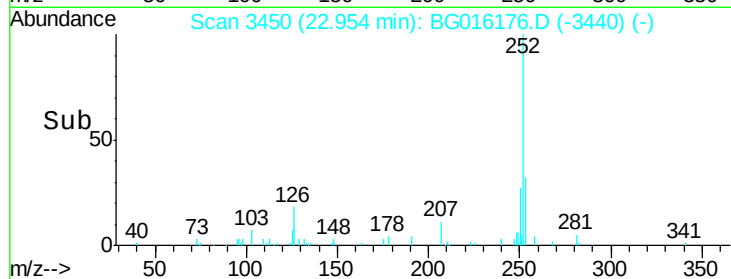
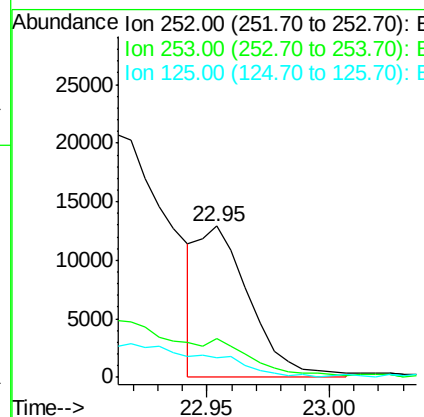
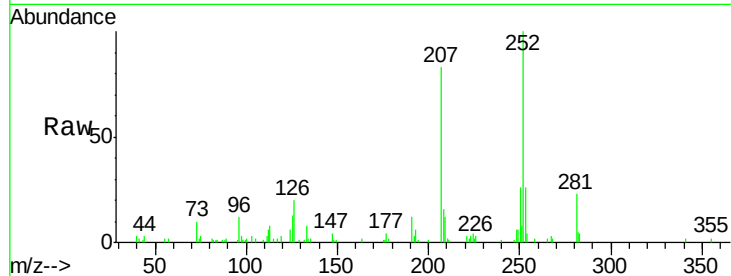
#86
Benzo(k)fluoranthene
Concen: 1.12 ng/ul m
RT: 22.95 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BG016176.D
Acq: 27 Mar 2015 15:25

Instrument :
BNA_G
ClientSampled :
C0AC2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	18947		
253	25.9	17.8	26.6	
125	12.6	10.7	16.1	

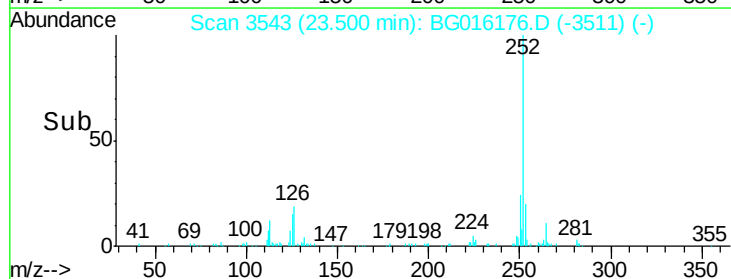
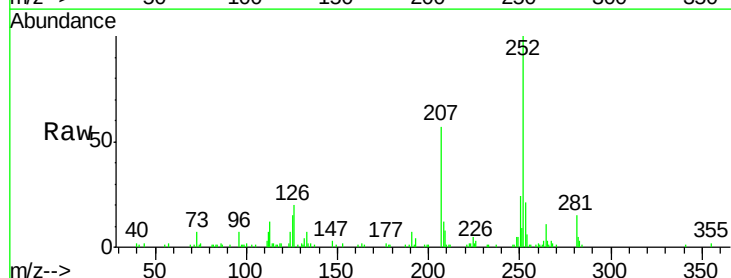
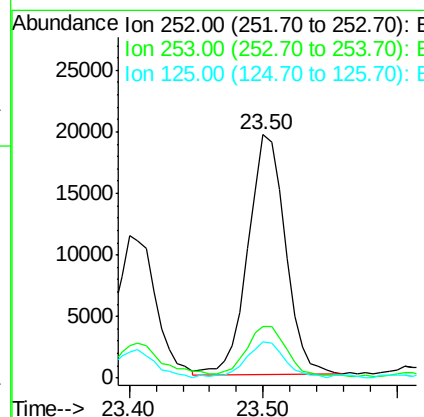
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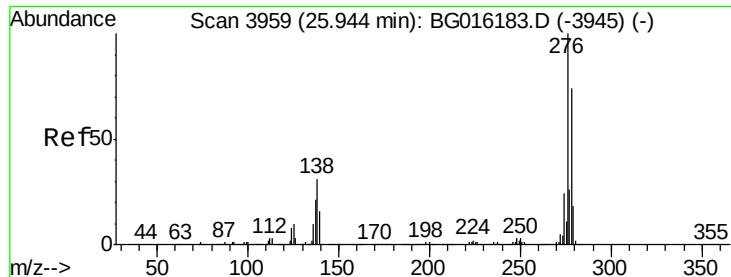
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#88
Benzo(a)pyrene
Concen: 2.21 ng/ul
RT: 23.50 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG016176.D
Acq: 27 Mar 2015 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	37701		
253	21.4	17.6	26.4	
125	14.8	11.5	17.3	





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.39 ng/ul

RT: 25.93 min Scan# 3957

Delta R.T. -0.02 min

Lab File: BG016176.D

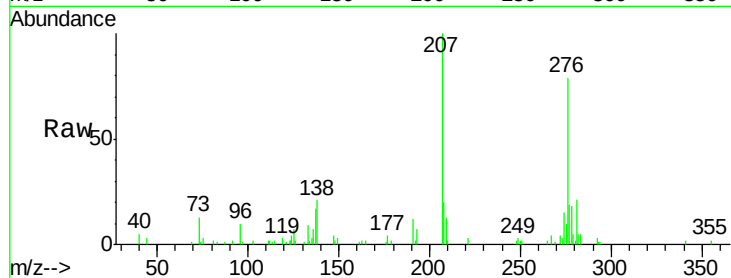
Acq: 27 Mar 2015 15:25

Instrument :

BNA_G

ClientSampleId :

C0AC2



Tgt Ion: 276 Resp: 27310

Ion Ratio Lower Upper

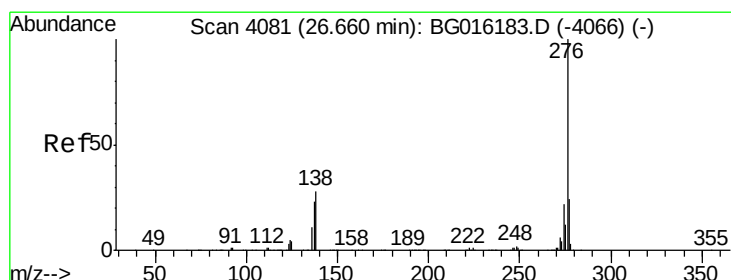
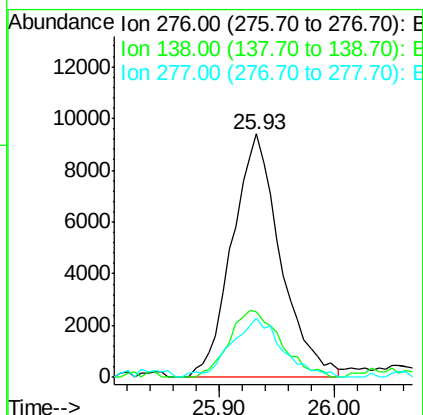
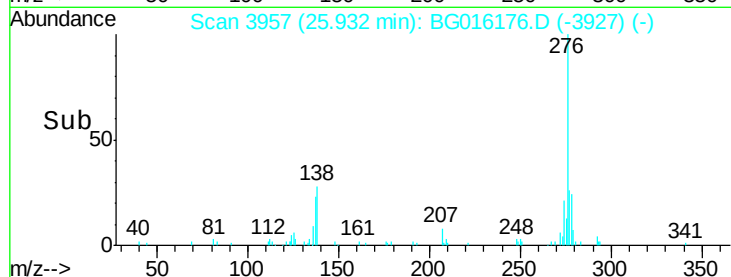
276 100

138 26.7 26.1 39.1

277 24.6 20.0 30.0

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 1.64 ng/ul

RT: 26.65 min Scan# 4079

Delta R.T. -0.02 min

Lab File: BG016176.D

Acq: 27 Mar 2015 15:25

Tgt Ion: 276 Resp: 27105

Ion Ratio Lower Upper

276 100

138 25.8 22.0 33.0

277 25.7 19.0 28.4

