

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019685.D
 Acq On : 18 Nov 2015 7:12
 Operator : UM/NP
 Sample : G4427-19
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7A5

Manual Integrations
 APPROVED

mohammad
 11/19/2015 8:27:32 AM

Quant Time: Nov 18 07:52:06 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 03:01:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	26495	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	115697	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	101575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	270589	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	325999	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	317169	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1743	2.81	ng/uL	0.00
5) Phenol-d5	7.29	99	40802	15.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	29899	16.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	26883	15.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	31973	14.23	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	15235	16.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	17533	16.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	33877	14.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	33924	15.46	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	144169	15.69	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	130982	13.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	16429	11.35	ng/ul	0.00
58) Fluorene-d10	15.77	176	117965	14.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	16673	9.54	ng/ul	0.00
71) Anthracene-d10	17.62	188	192945	14.69	ng/ul	0.00
79) Pyrene-d10	19.89	212	192866	12.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	204000	12.32	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.32	94	3309	1.13	ng/ul	91
45) Dimethylphthalate	14.22	163	132514	14.55	ng/ul	99
70) Phenanthrene	17.56	178	15571	1.08	ng/ul	96
77) Fluoranthene	19.56	202	88074	4.77	ng/ul	99
80) Pyrene	19.92	202	68314	3.59	ng/ul#	97
83) Benzo(a)anthracene	21.77	228	54714	2.77	ng/ul	97
85) Chrysene	21.84	228	40148	2.16	ng/ul	99
88) Benzo(b)fluoranthene	24.05	252	52336	2.68	ng/ul#	95
91) Benzo(a)pyrene	24.95	252	36929	1.96	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.90	276	22004m	1.05	ng/ul	

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

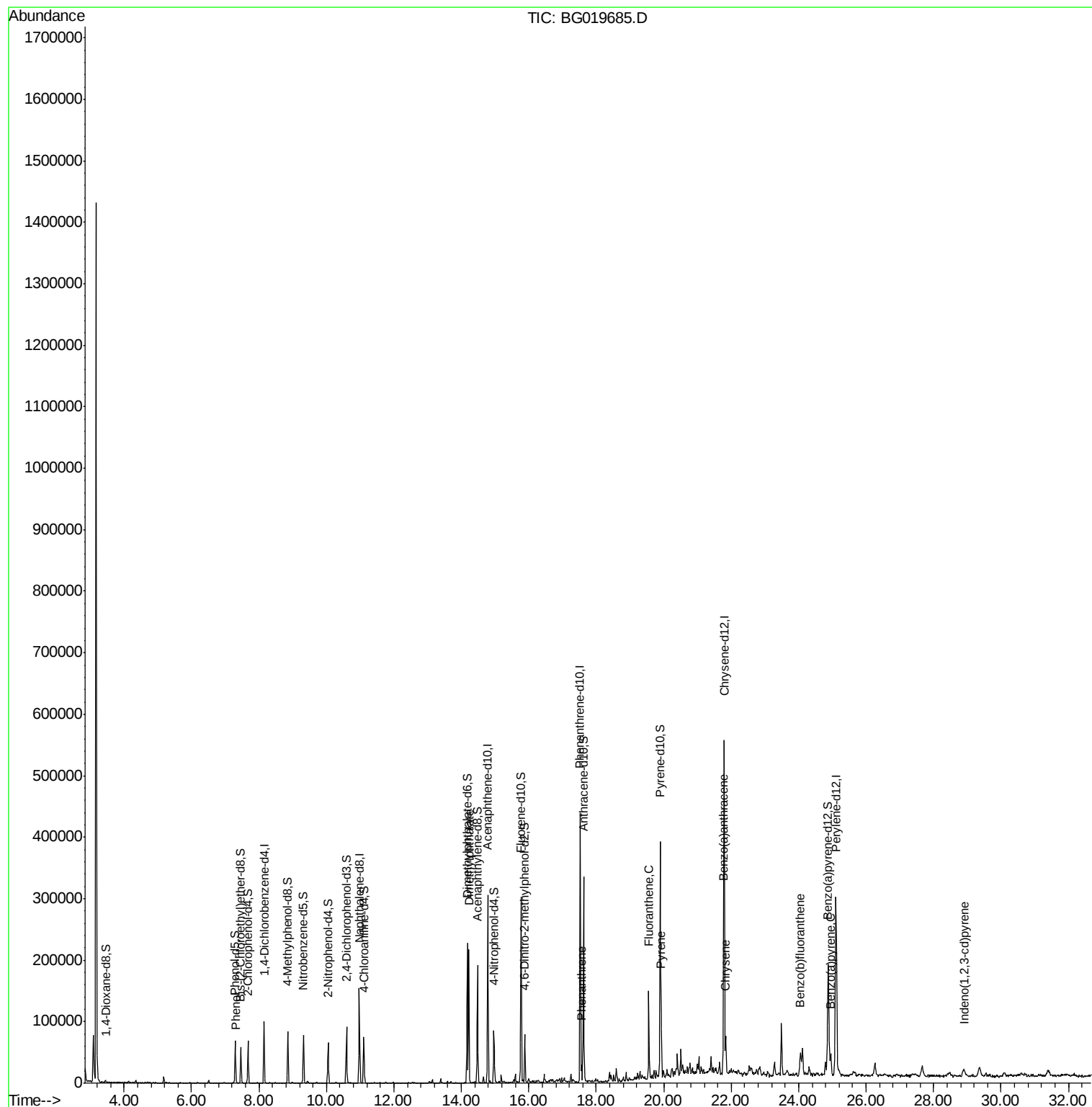
Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
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ALS Vial : 27 Sample Multiplier: 1

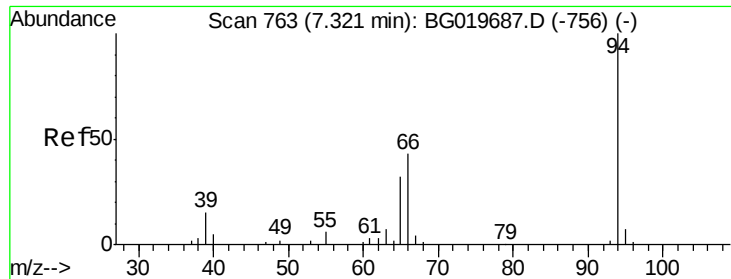
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.13 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

Instrument :

BNA_G

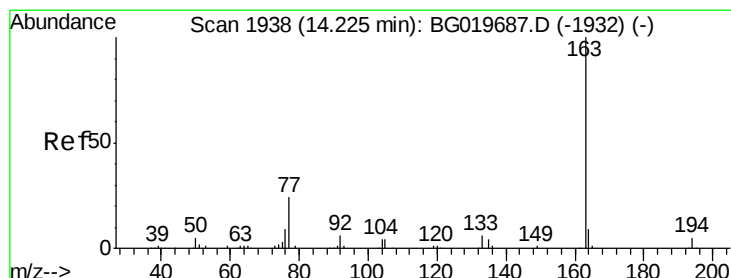
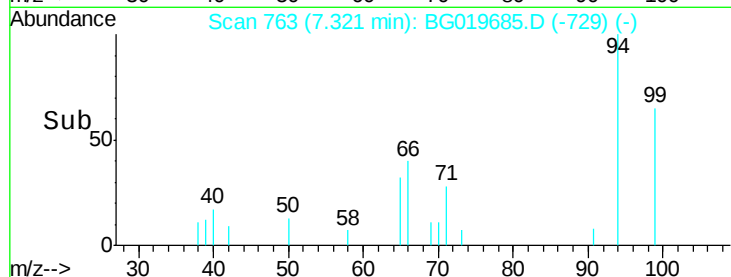
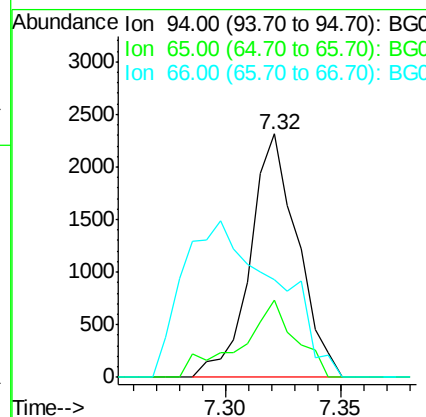
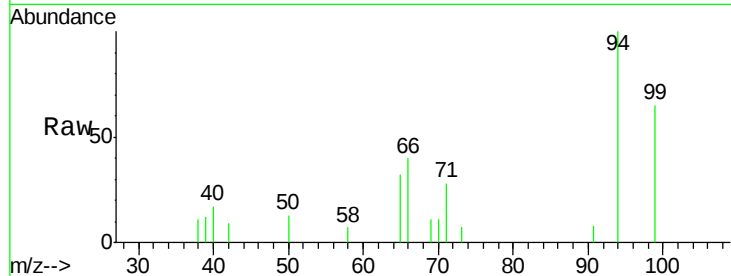
ClientSampleId :

BC7A5

Tot Ion:	94	Resp:	3309
Ion	Ratio	Lower	Upper
94	100		
65	31.5	27.4	41.0
66	40.0	39.0	58.6

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#45

Dimethylphthalate

Concen: 14.55 ng/ul

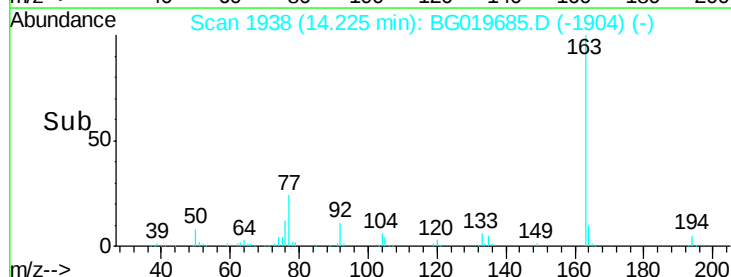
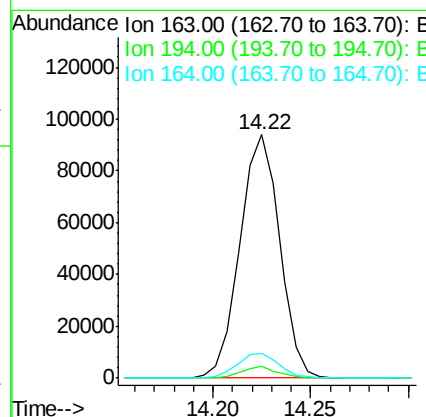
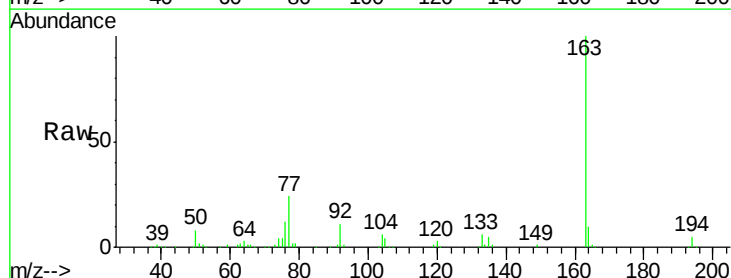
RT: 14.22 min Scan# 1938

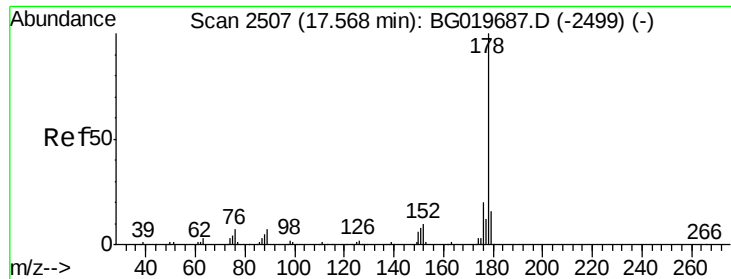
Delta R.T. 0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

Tgt Ion:	163	Resp:	132514
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.5	5.3
164	10.4	8.3	12.5





#70

Phenanthrene

Concen: 1.08 ng/ul

RT: 17.56 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

Instrument :

BNA_G

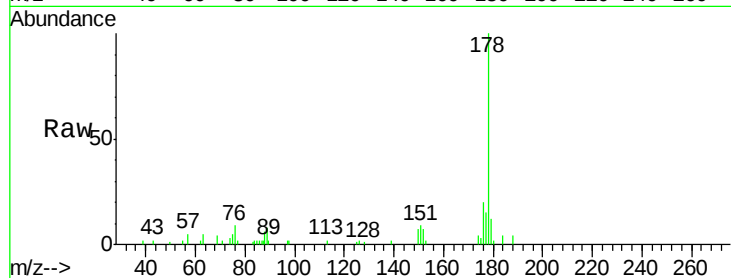
ClientSampleId :

BC7A5

Tot Ion:	178	Resp:	15571
Ion Ratio	Lower	Upper	
178	100		
179	12.5	12.2	18.2
176	19.5	16.6	24.8

Manual Integrations
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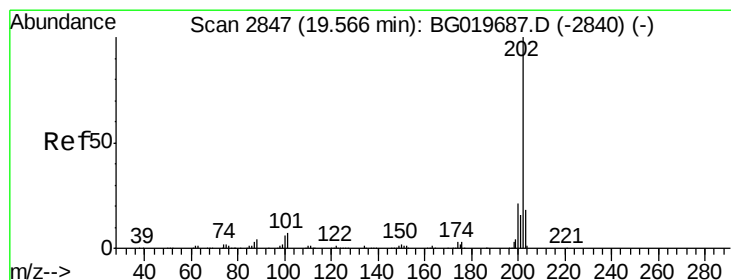
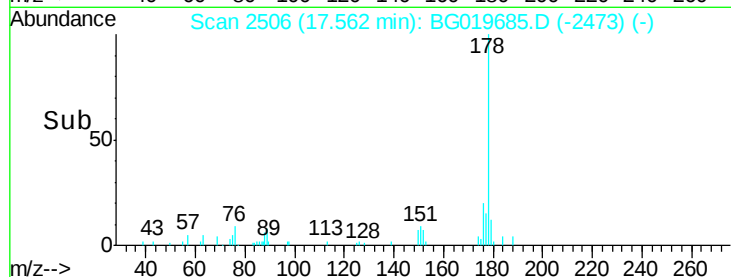
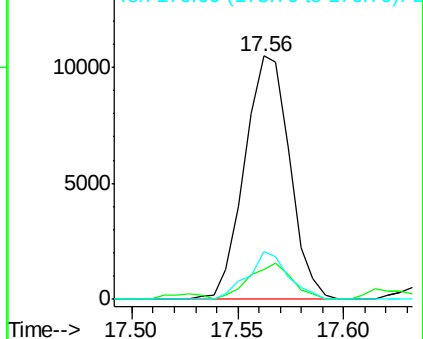
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 4.77 ng/ul

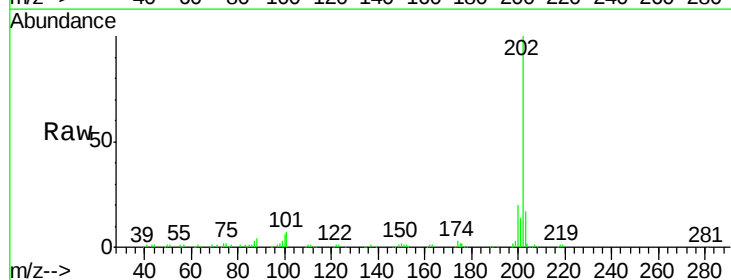
RT: 19.56 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

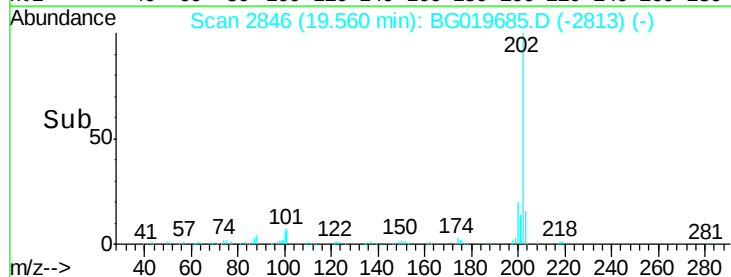
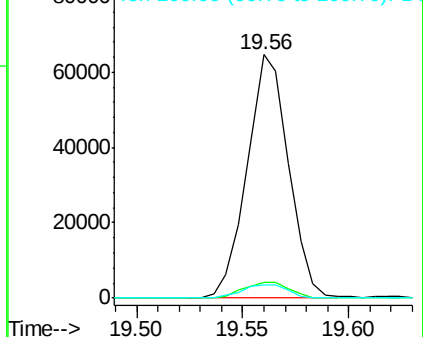
Tgt Ion:	202	Resp:	88074
Ion Ratio	Lower	Upper	
202	100		
101	6.6	5.2	7.8
100	5.6	5.0	7.4

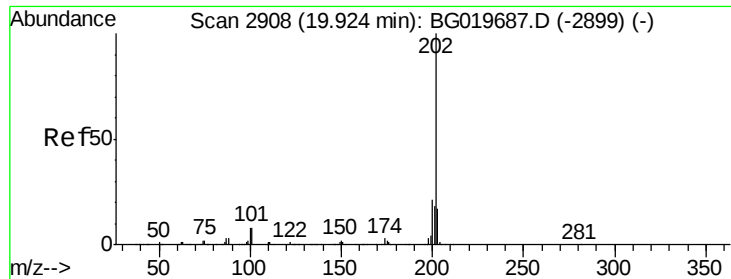


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





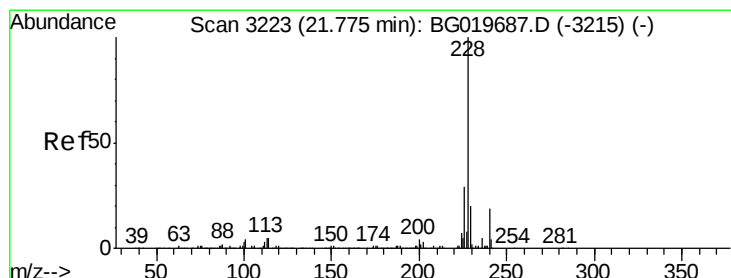
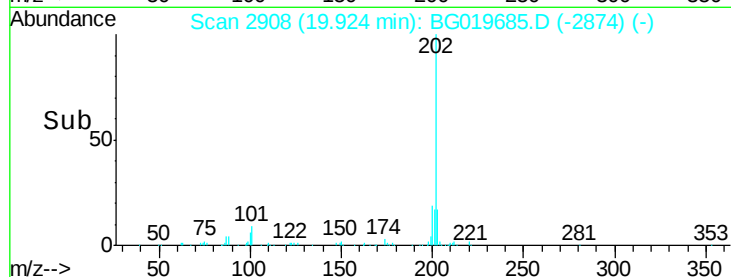
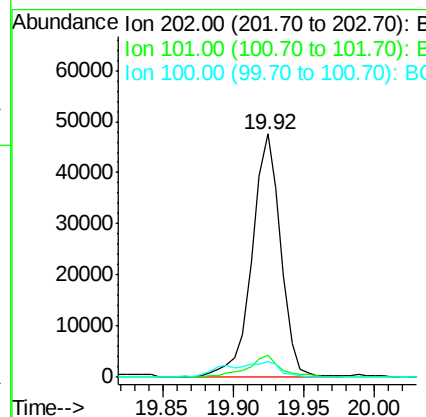
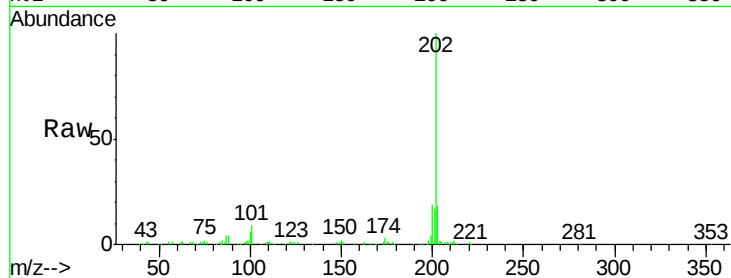
#80
Pvrene
Concen: 3.59 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BG019685.D
Acq: 18 Nov 2015 7:12

Instrument :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	7.0	10.6
100	6.3	6.6	10.0

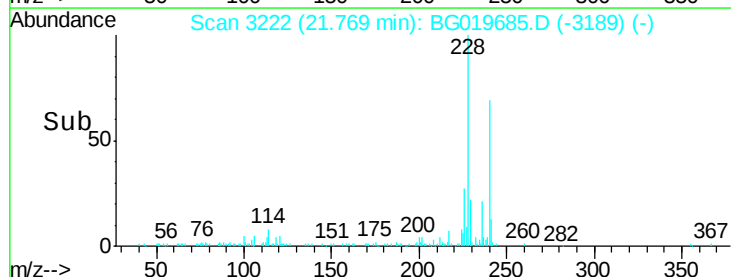
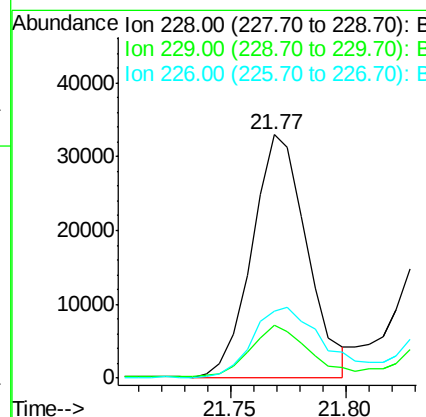
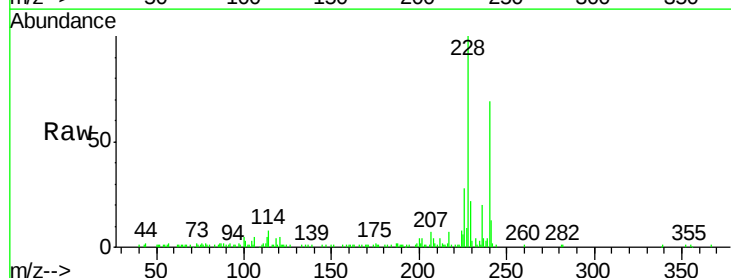
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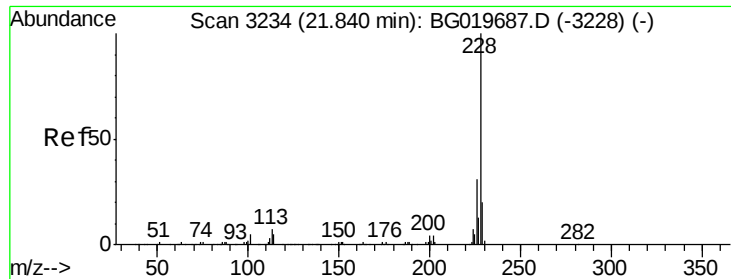
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#83
Benzo(a)anthracene
Concen: 2.77 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG019685.D
Acq: 18 Nov 2015 7:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.0	15.7	23.5
226	27.6	22.6	33.8





#85

Chrysene

Concen: 2.16 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

Instrument :

BNA_G

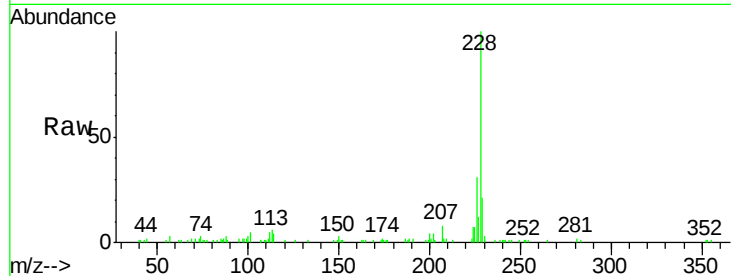
ClientSampleId :

BC7A5

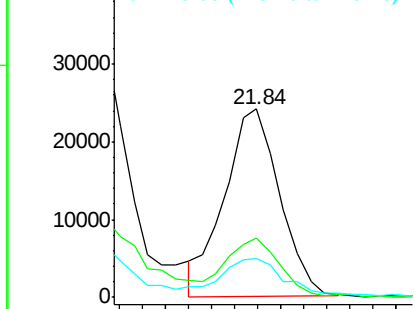
Tot Ion:	228	Resp:	40148
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	20.9	17.0	25.6

Manual Integrations
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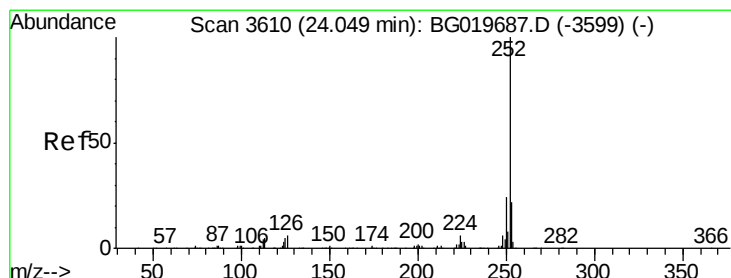
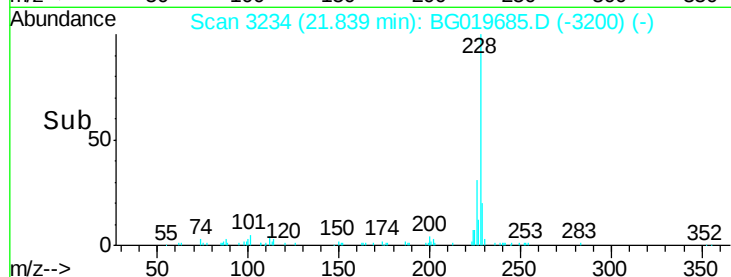
mohammad
11/19/2015 8:27:32 AM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 2.68 ng/ul

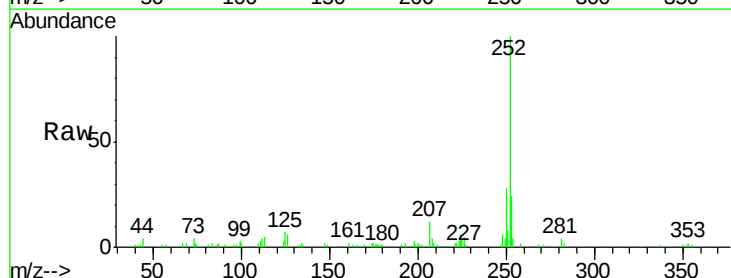
RT: 24.05 min Scan# 3610

Delta R.T. 0.00 min

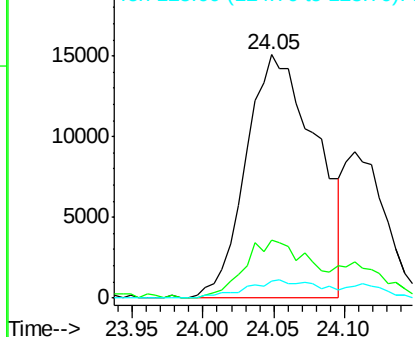
Lab File: BG019685.D

Acq: 18 Nov 2015 7:12

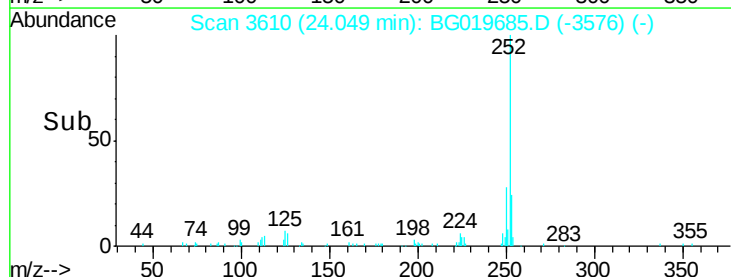
Tgt Ion:	252	Resp:	52336
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	6.9	4.2	6.4#

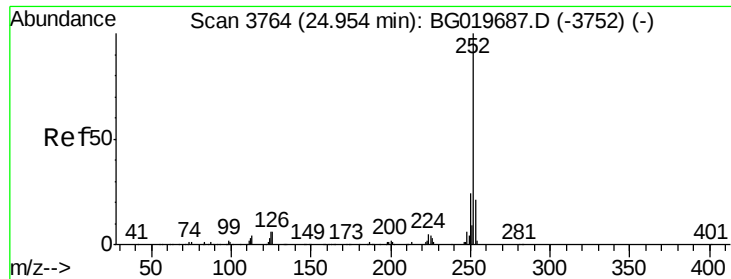


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





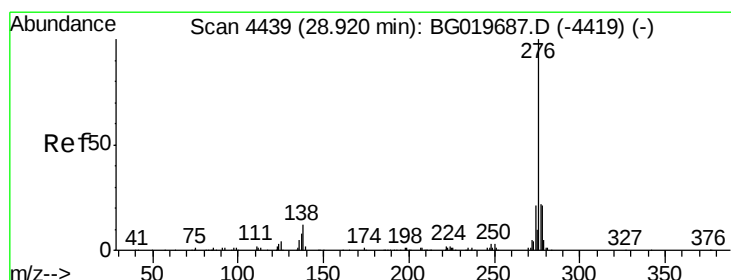
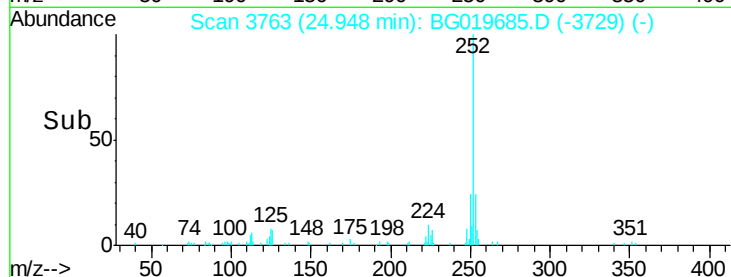
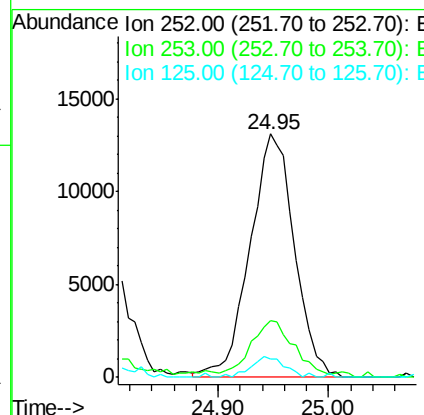
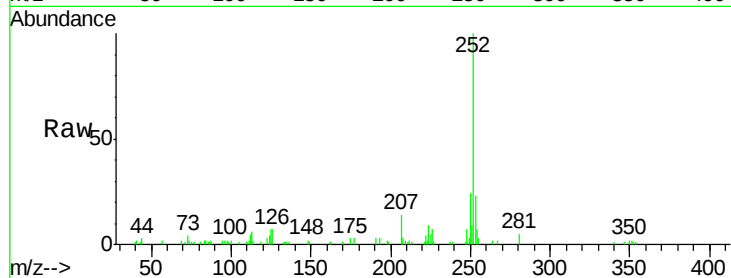
#91
Benzo(a)pyrene
Concen: 1.96 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. 0.00 min
Lab File: BG019685.D
Acq: 18 Nov 2015 7:12

Instrument :
BNA_G
ClientSampleId :
BC7A5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	16.9	25.3
125	7.5	5.4	8.0

Manual Integrations
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.05 ng/ul m
RT: 28.90 min Scan# 4435
Delta R.T. -0.00 min
Lab File: BG019685.D
Acq: 18 Nov 2015 7:12

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	5.7	9.9	14.9#
277	16.7	21.3	31.9#

