

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019675.D
 Acq On : 18 Nov 2015 00:50
 Operator : UM/NP
 Sample : G4427-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC7A9

Manual Integrations
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mohammad
 11/19/2015 8:27:06 AM

Quant Time: Nov 18 03:30:51 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	19481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	90946	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	85723	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	253642	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	328100	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	317008	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	1432	3.14	ng/uL	0.00
5) Phenol-d5	7.29	99	40129	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	24356	18.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	24265	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	31793	19.24	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	12243	16.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	13428	15.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	31633	17.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	19068	11.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	116671	15.05	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	120684	14.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.96	143	16205	13.27	ng/ul	0.00
58) Fluorene-d10	15.77	176	100392	14.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	12505	7.63	ng/ul	0.00
71) Anthracene-d10	17.62	188	169157	13.74	ng/ul	0.00
79) Pyrene-d10	19.89	212	194122	12.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.87	264	208492	12.60	ng/ul	-0.01

Target Compounds

						Ovalue
6) Phenol	7.32	94	3039	1.41	ng/ul	99
45) Dimethylphthalate	14.22	163	89176	11.60	ng/ul	99
70) Phenanthrene	17.56	178	47880	3.53	ng/ul#	93
72) Anthracene	17.66	178	15012m	1.10	ng/ul	
77) Fluoranthene	19.56	202	106958	6.18	ng/ul	99
80) Pyrene	19.92	202	90684	4.73	ng/ul	96
83) Benzo(a)anthracene	21.77	228	51963	2.61	ng/ul	98
85) Chrysene	21.84	228	44406	2.37	ng/ul	95
88) Benzo(b)fluoranthene	24.04	252	51983	2.66	ng/ul	100
89) Benzo(k)fluoranthene	24.11	252	19237m	1.02	ng/ul	
91) Benzo(a)pyrene	24.95	252	39757	2.11	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.90	276	24299m	1.15	ng/ul	
94) Benzo(g,h,i)perylene	30.09	276	20518m	1.18	ng/ul	

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

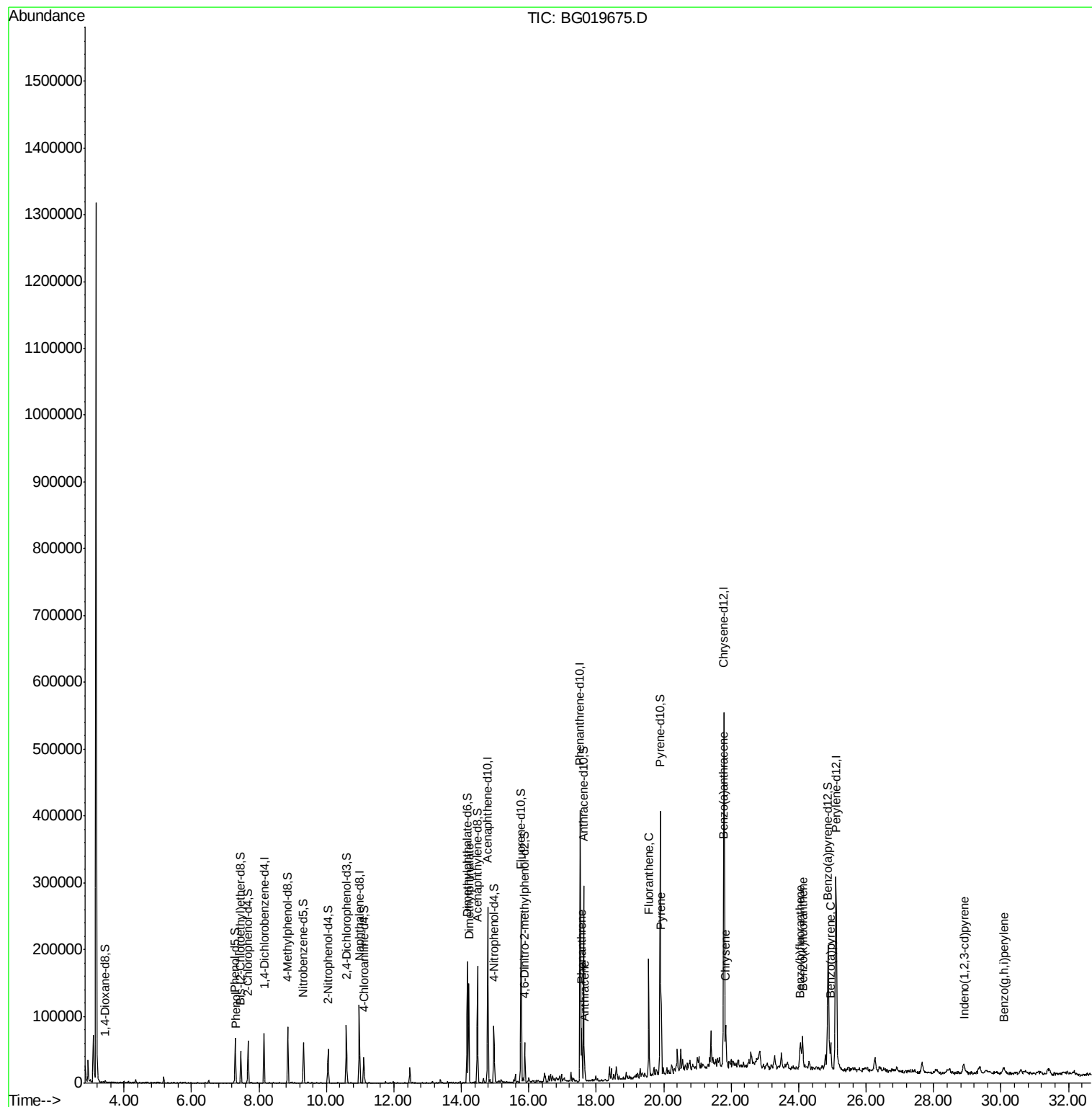
Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019675.D
Acq On : 18 Nov 2015 00:50
Operator : UM/NP
Sample : G4427-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

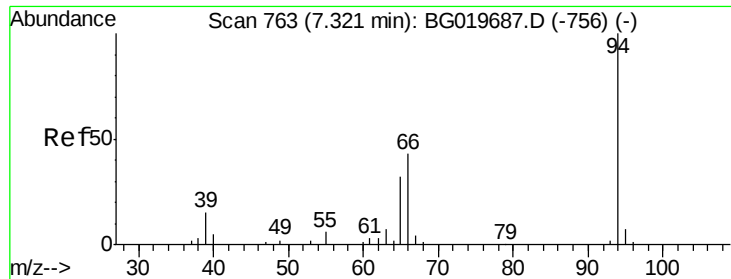
Instrument :
BNA_G
ClientSampleId :
BC7A9

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Quant Time: Nov 18 03:30:51 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





#6

Phenol

Concen: 1.41 ng/ul

RT: 7.32 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

Instrument :

BNA_G

ClientSampleID :

BC7A9

Tot Ion: 94 Resp: 3039

Ion Ratio Lower Upper

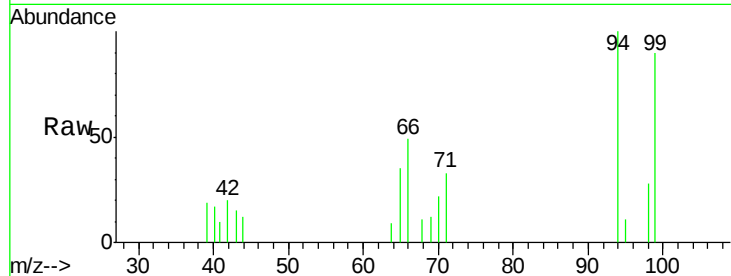
94 100

65 34.9 27.4 41.0

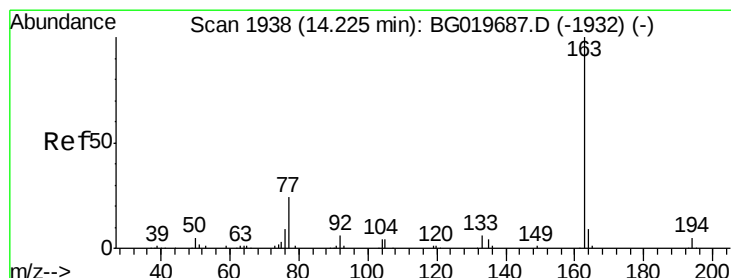
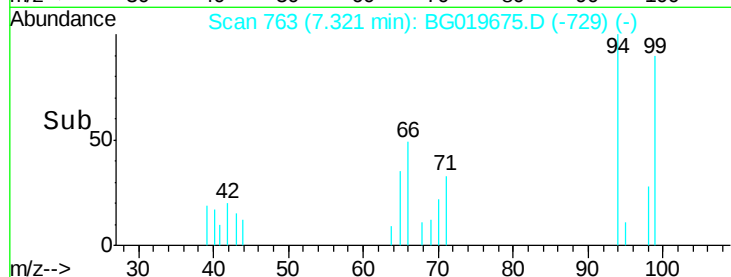
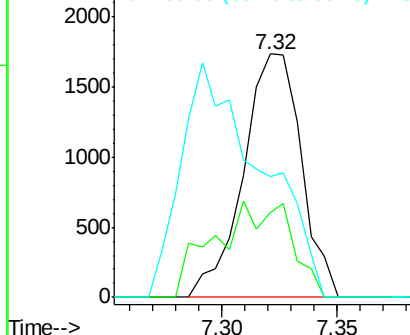
66 49.5 39.0 58.6

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Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 11.60 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

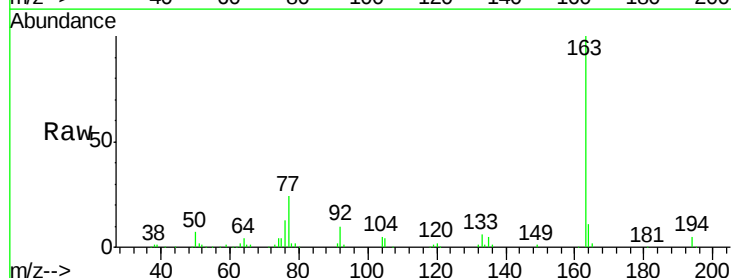
Tgt Ion:163 Resp: 89176

Ion Ratio Lower Upper

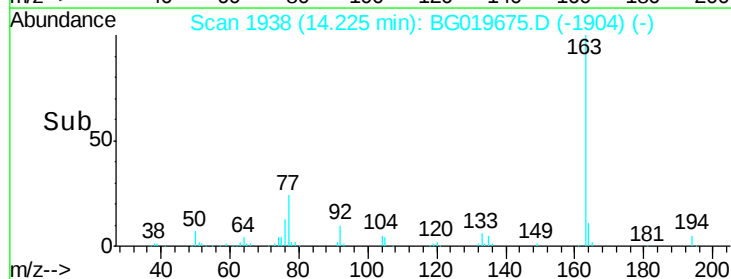
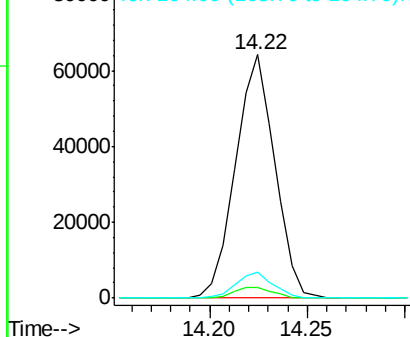
163 100

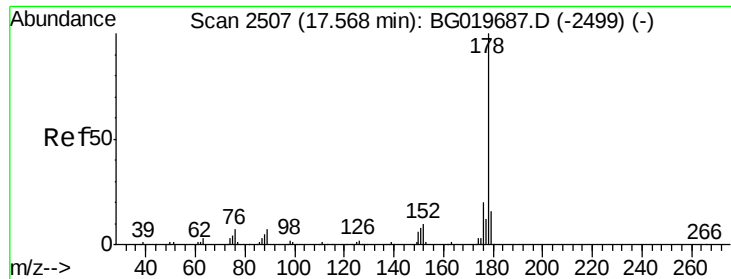
194 4.6 3.5 5.3

164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





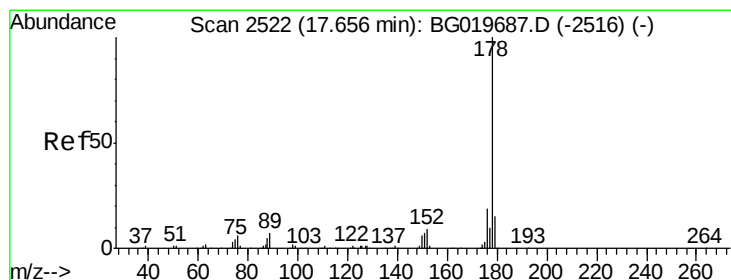
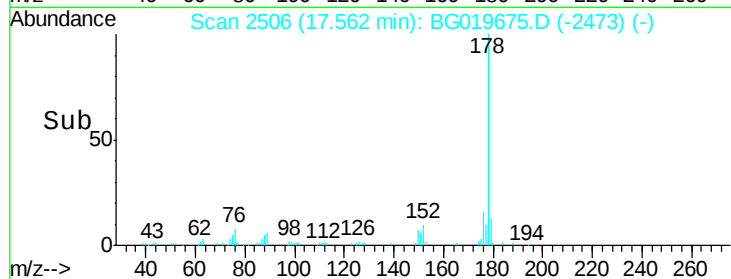
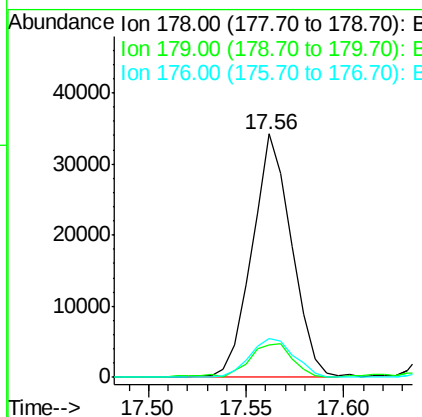
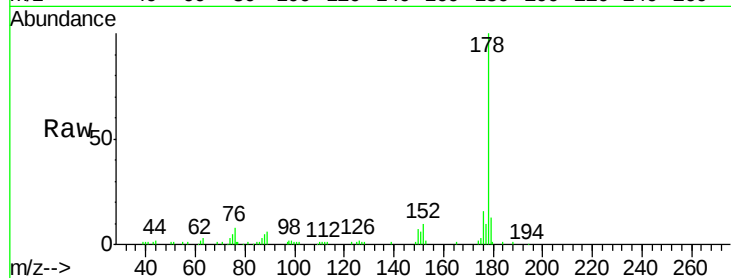
#70
Phenanthrene
Concen: 3.53 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.01 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Instrument :
BNA_G
ClientSampleId :
BC7A9

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.3	12.2	18.2
176	16.2	16.6	24.8

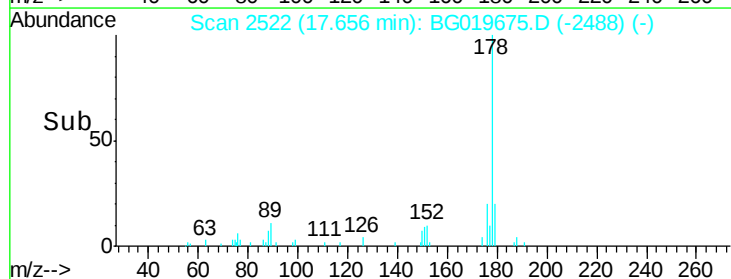
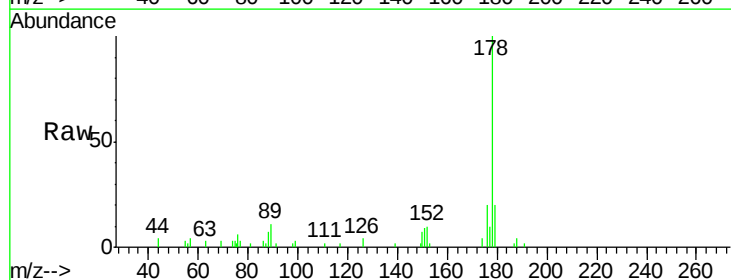
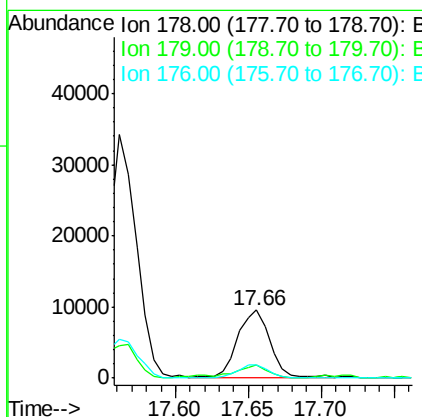
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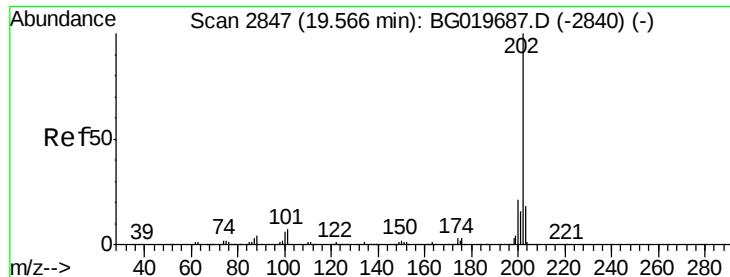
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#72
Anthracene
Concen: 1.10 ng/ul m
RT: 17.66 min Scan# 2522
Delta R.T. 0.00 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.6	19.0
176	20.2	15.0	22.4





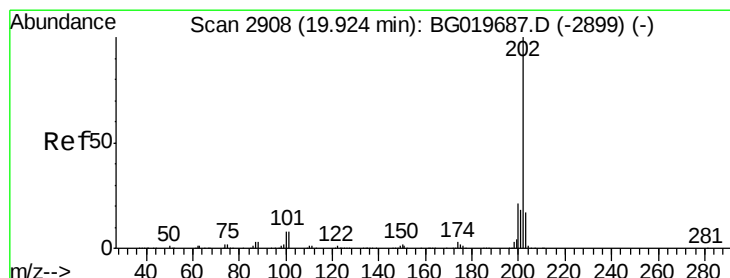
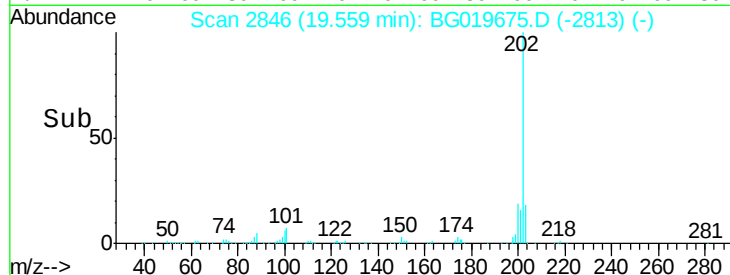
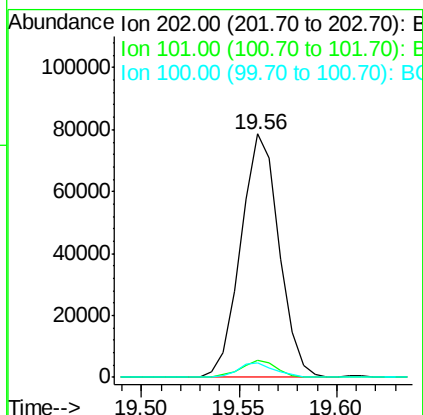
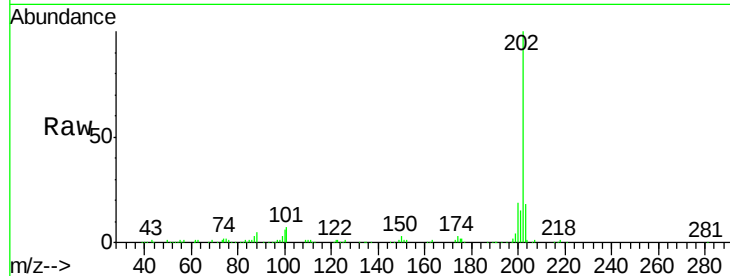
#77
Fluoranthene
Concen: 6.18 ng/ul
RT: 19.56 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Instrument :
BNA_G
ClientSampleId :
BC7A9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.3	5.2	7.8		
100	6.0	5.0	7.4		

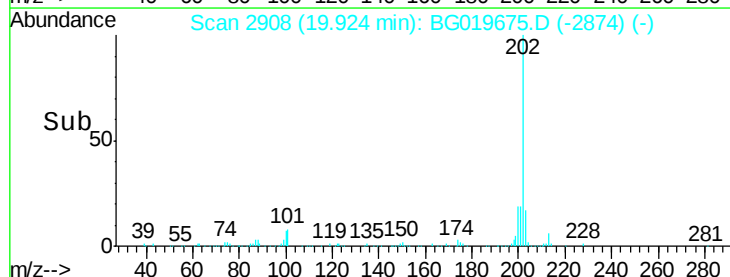
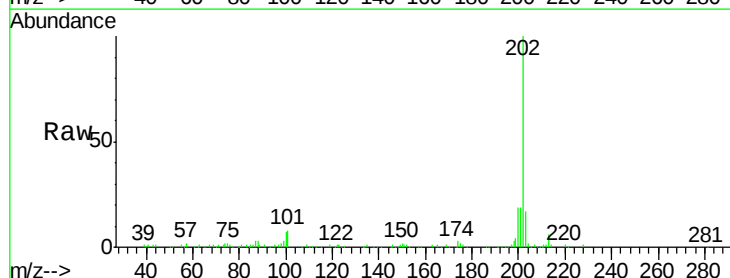
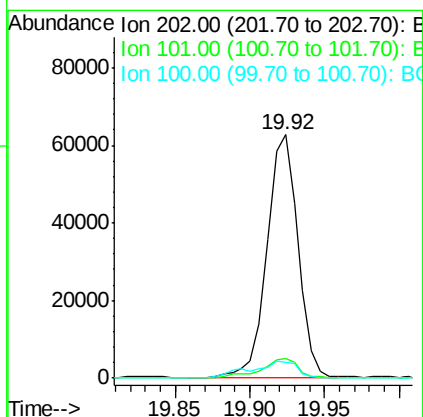
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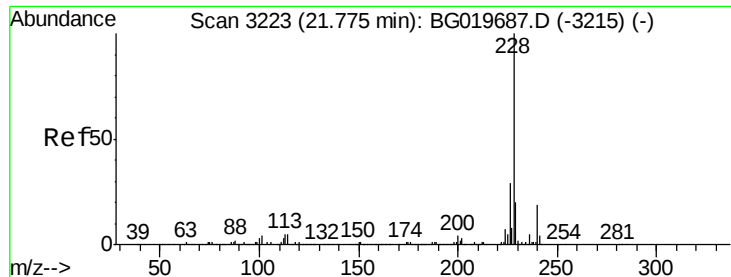
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#80
Pyrene
Concen: 4.73 ng/ul
RT: 19.92 min Scan# 2908
Delta R.T. 0.00 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.8	7.0	10.6		
100	6.7	6.6	10.0		





#83

Benzo(a)anthracene

Concen: 2.61 ng/ul

RT: 21.77 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

Instrument :

BNA_G

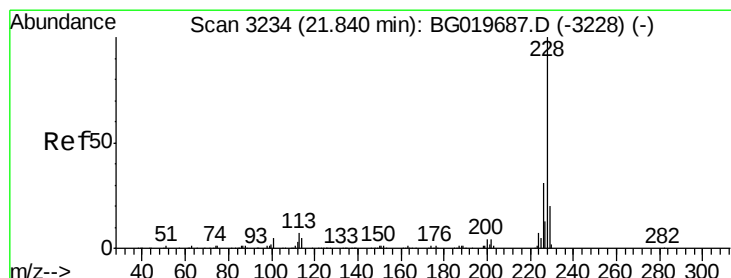
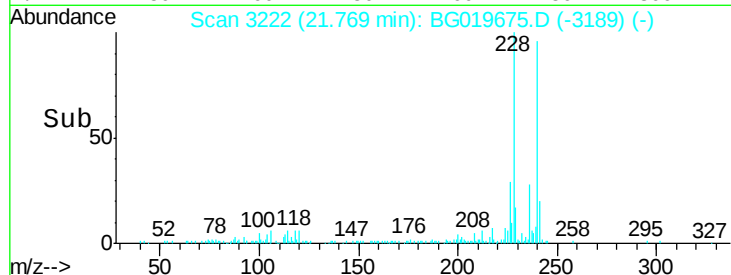
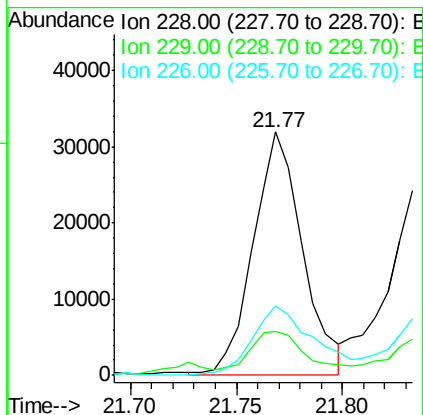
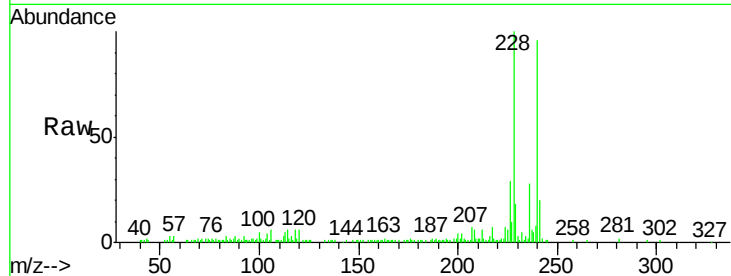
ClientSampleId :

BC7A9

Tot Ion:	228	Resp:	51963
Ion Ratio	Lower	Upper	
228	100		
229	17.8	15.7	23.5
226	28.8	22.6	33.8

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#85

Chrysene

Concen: 2.37 ng/ul

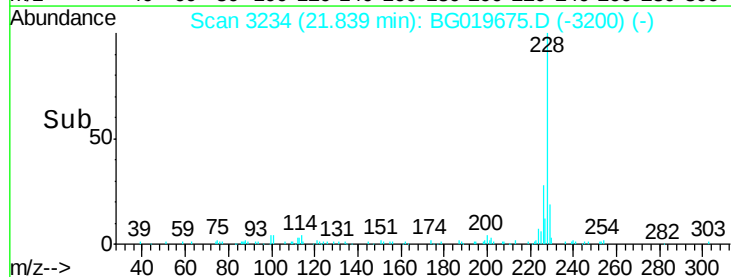
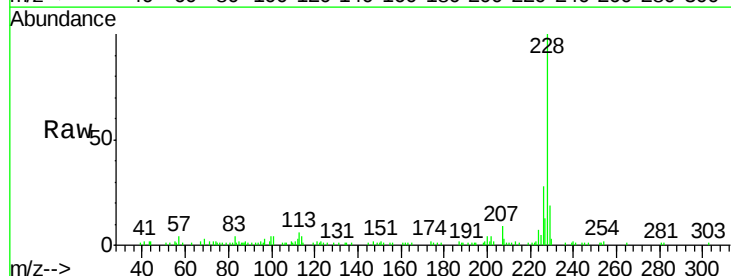
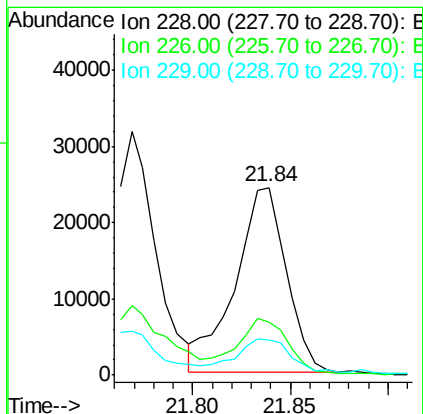
RT: 21.84 min Scan# 3234

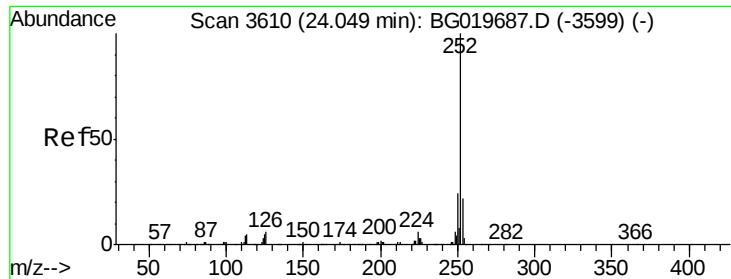
Delta R.T. 0.00 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

Tgt Ion:	228	Resp:	44406
Ion Ratio	Lower	Upper	
228	100		
226	28.2	24.9	37.3
229	18.8	17.0	25.6





#88

Benzo(b)fluoranthene

Concen: 2.66 ng/ul

RT: 24.04 min Scan# 3609

Delta R.T. -0.01 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

Instrument :

BNA_G

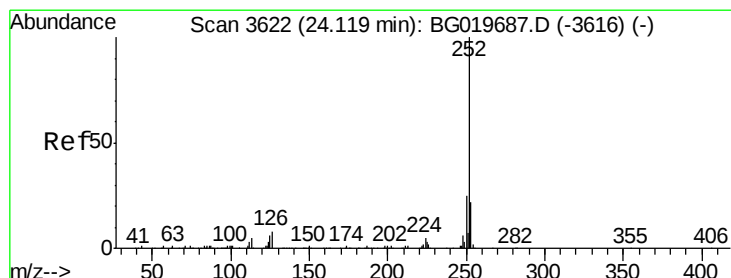
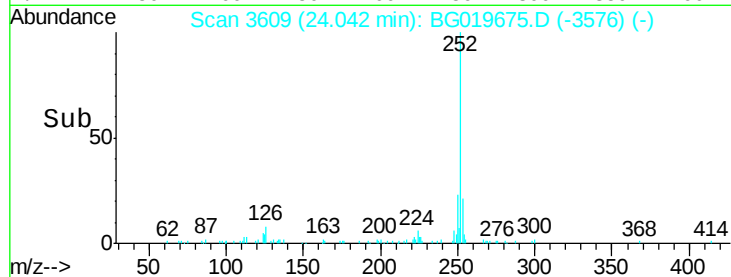
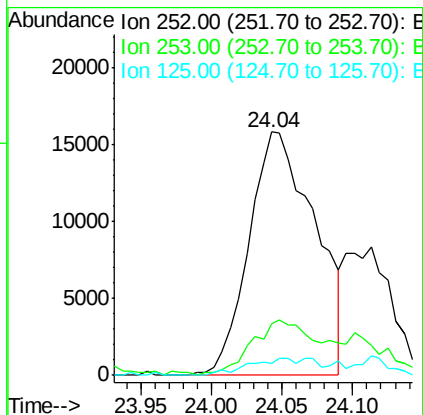
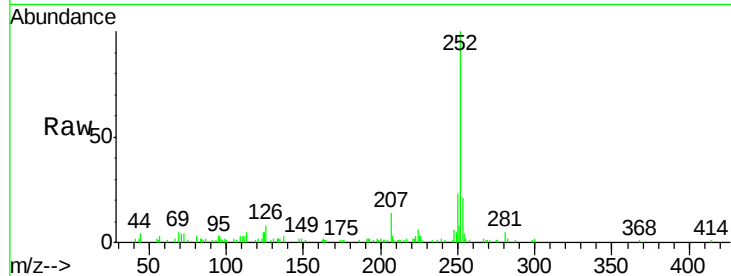
ClientSampleId :

BC7A9

Tot Ion:	252	Resp:	51983
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.1	25.7
125	5.1	4.2	6.4

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#89

Benzo(k)fluoranthene

Concen: 1.02 ng/ul m

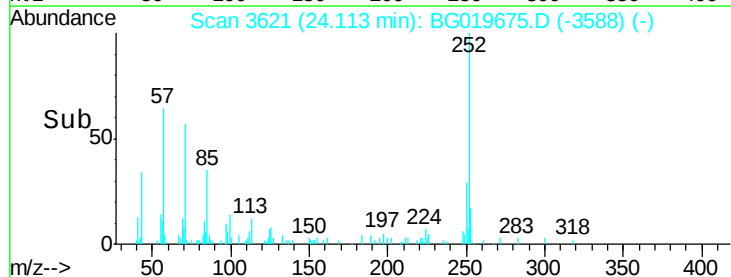
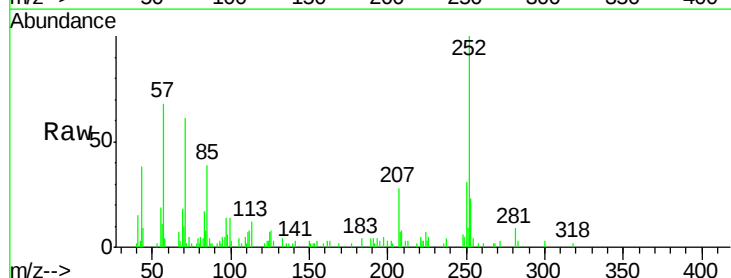
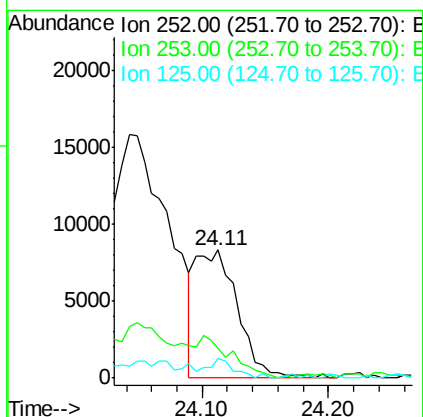
RT: 24.11 min Scan# 3621

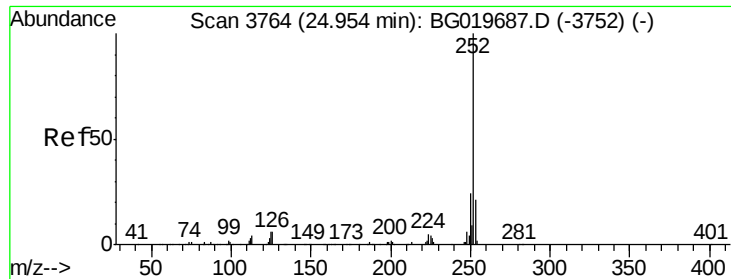
Delta R.T. -0.01 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

Tgt Ion:	252	Resp:	19237
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	8.0	4.4	6.6#





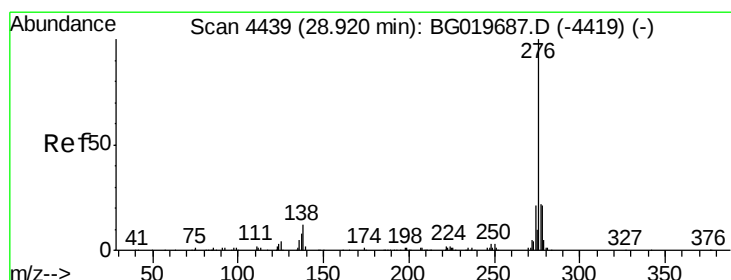
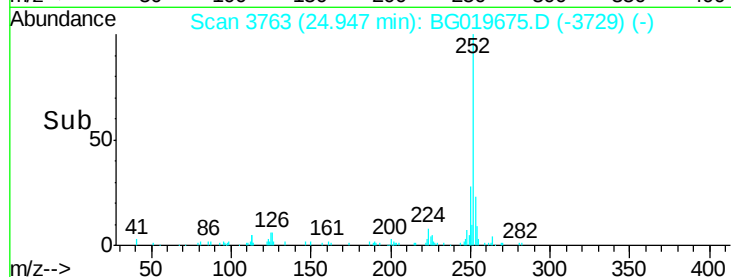
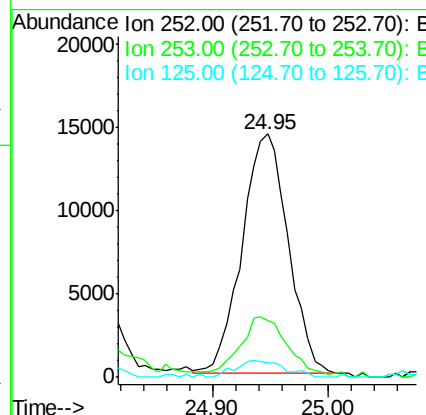
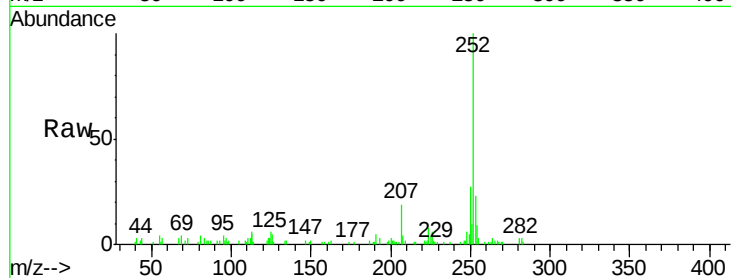
#91
Benzo(a)pyrene
Concen: 2.11 ng/ul
RT: 24.95 min Scan# 3763
Delta R.T. 0.00 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Instrument :
BNA_G
ClientSampleId :
BC7A9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.9	25.3
125	6.1	5.4	8.0

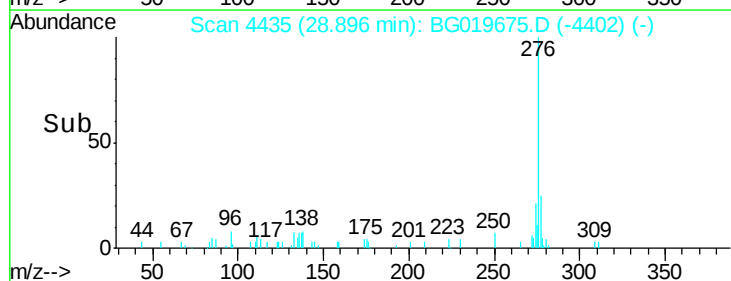
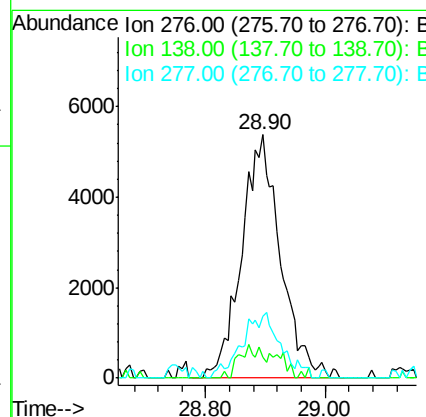
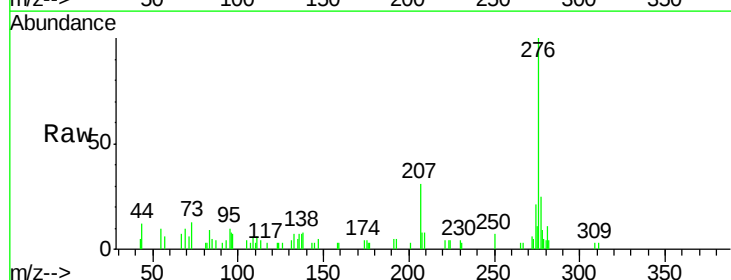
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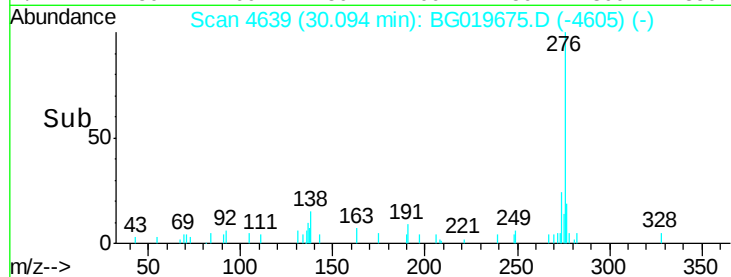
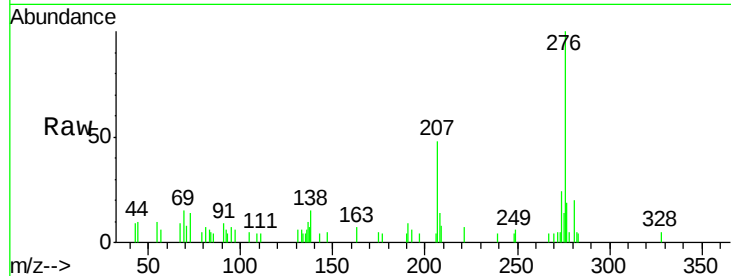
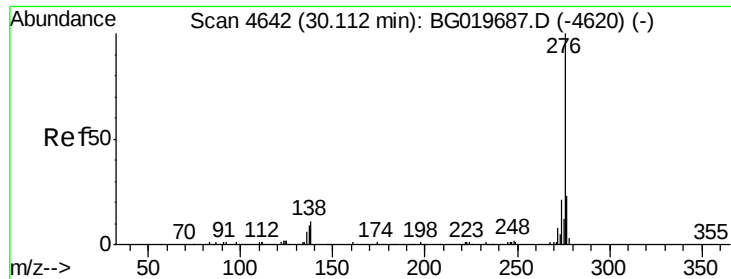
mohammad
11/19/2015 8:27:06 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 1.15 ng/ul m
RT: 28.90 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG019675.D
Acq: 18 Nov 2015 00:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.5	9.9	14.9#
277	25.4	21.3	31.9





#94

Benzo(a,h,i)perylene

Concen: 1.18 ng/ul m

RT: 30.09 min Scan# 4639

Delta R.T. 0.00 min

Lab File: BG019675.D

Acq: 18 Nov 2015 00:50

Tot Ion:	276	Resp:	20518
Ion Ratio	Lower	Upper	
276	100		
138	15.0	9.2	13.8#
277	19.1	18.6	28.0

Instrument :

BNA_G

ClientSampleId :

BC7A9

Manual Integrations
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