

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028439.D
 Acq On : 23 Aug 2017 5:17
 Operator : SJ/JU
 Sample : I4713-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GD1

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:44 PM

Quant Time: Aug 23 09:14:21 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 07:06:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	45801	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	213059	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	144379	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	324990	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	362439	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	355843	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	3663	3.72	ng/uL	0.00
5) Phenol-d5	7.49	99	105528	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	63468	19.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	76945	24.25	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	84218	20.03	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	42054	25.24	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	49975	27.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	97141	25.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	69931	16.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	317479	24.72	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	368391	25.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	28366	13.89	ng/ul	0.00
57) Fluorene-d10	15.94	176	274152	23.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	32588	15.44	ng/ul	0.00
70) Anthracene-d10	17.80	188	414279	26.58	ng/ul	0.00
76) Pyrene-d10	20.07	212	480784	25.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	459497	27.58	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	7.52	94	12264	2.453	ng/ul	93
44) Dimethylphthalate	14.39	163	117616	9.947	ng/ul	98
69) Phenanthrene	17.75	178	285783	17.473	ng/ul	99
71) Anthracene	17.84	178	31546	1.887	ng/ul	95
72) Carbazole	18.11	167	46565	3.203	ng/ul	99
74) Fluoranthene	19.75	202	884871	44.518	ng/ul	99
77) Pyrene	20.11	202	686061	31.728	ng/ul	97
80) Benzo(a)anthracene	22.01	228	290746	13.884	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.87	149	17368	1.508	ng/ul#	87
82) Chrysene	22.08	228	372843	19.769	ng/ul	97
85) Benzo(b)fluoranthene	24.43	252	517421	24.299	ng/ul#	97
86) Benzo(k)fluoranthene	24.49	252	157980m	7.595	ng/ul	
88) Benzo(a)pyrene	25.38	252	309312	15.002	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.57	276	220182	9.120	ng/ul	99
90) Dibenzo(a,h)anthracene	29.61	278	46261m	2.286	ng/ul	
91) Benzo(g,h,i)perylene	30.84	276	200576	10.098	ng/ul	98

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

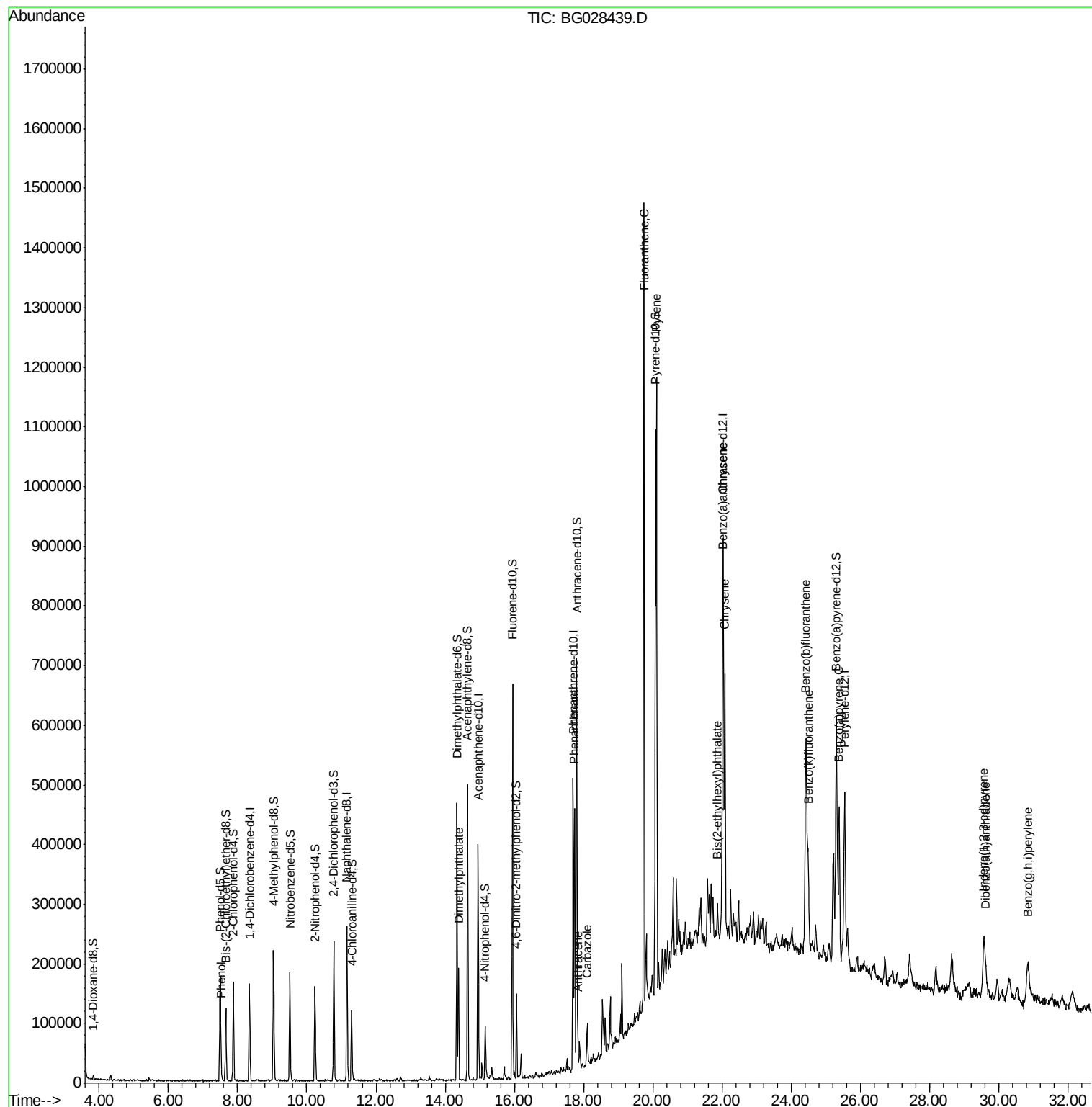
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028439.D
Acq On : 23 Aug 2017 5:17
Operator : SJ/JU
Sample : I4713-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

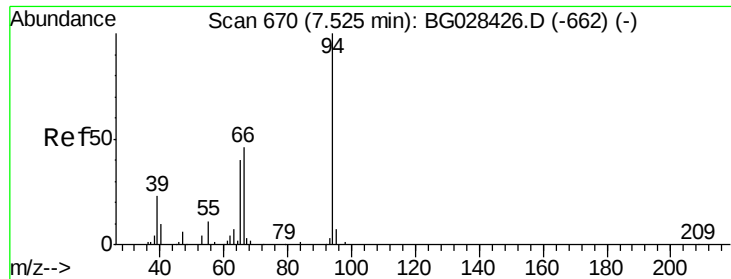
Instrument :
BNA_G
ClientSampleID :
E7GD1

Manual Integrations
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Quant Time: Aug 23 09:14:21 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.453 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG028439.D

Acq: 23 Aug 2017 5:17

Instrument :

BNA_G

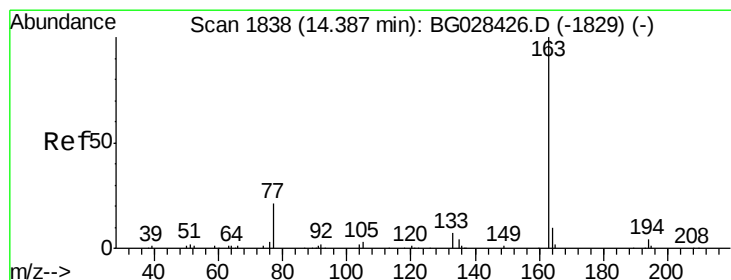
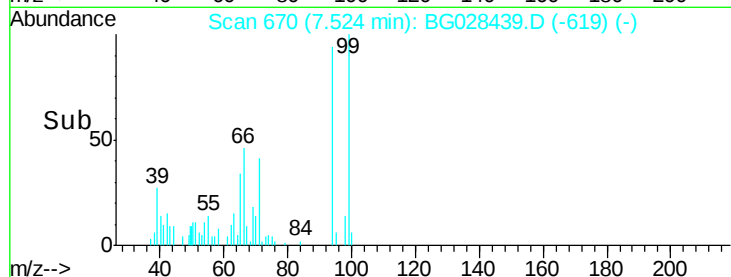
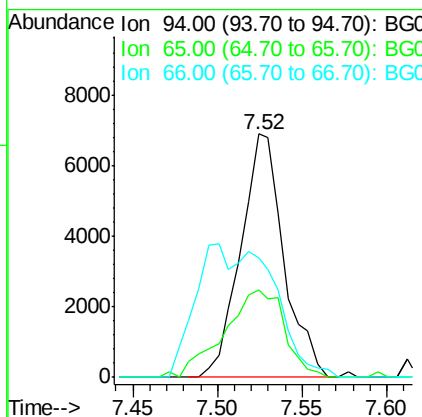
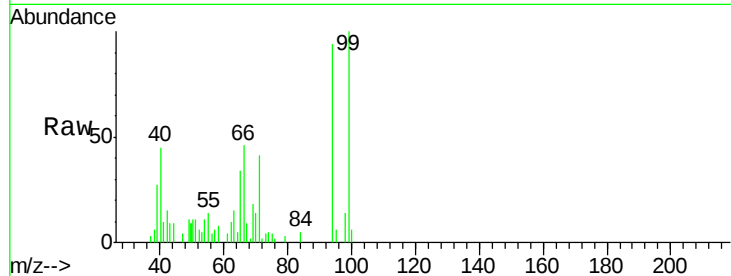
ClientSampled :

E7GD1

Tgt Ion:	94	Resp:	12264
Ion Ratio	Lower	Upper	
94	100		
65	35.7	26.8	40.2
66	49.2	44.4	66.6

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#44

Dimethylphthalate

Concen: 9.947 ng/ul

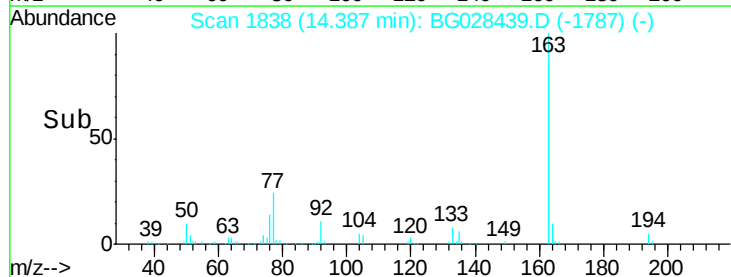
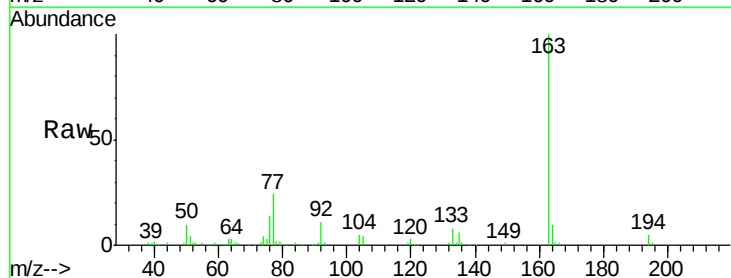
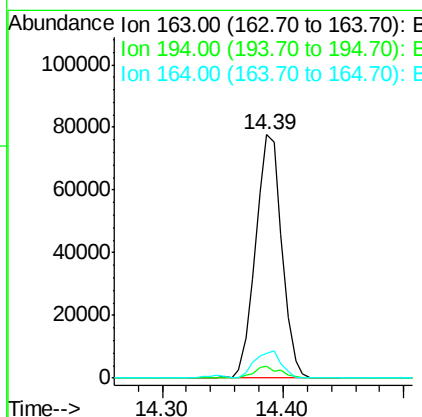
RT: 14.39 min Scan# 1838

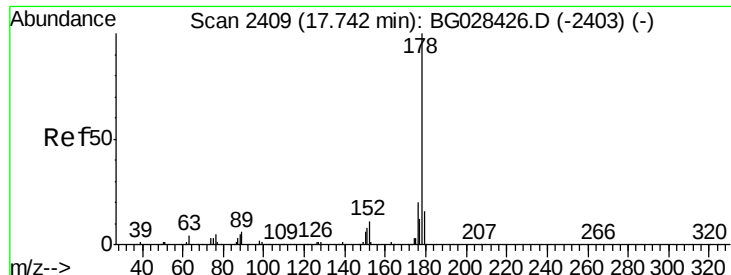
Delta R.T. -0.00 min

Lab File: BG028439.D

Acq: 23 Aug 2017 5:17

Tgt Ion:	163	Resp:	117616
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.4	5.0
164	10.3	9.0	13.4





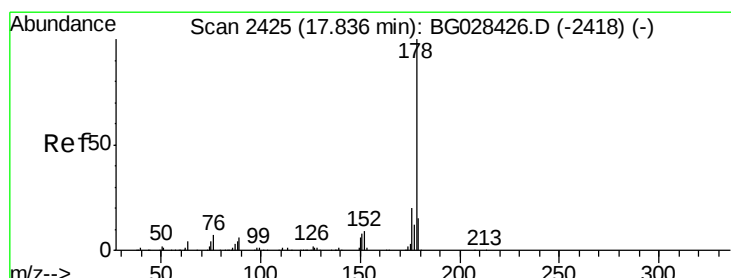
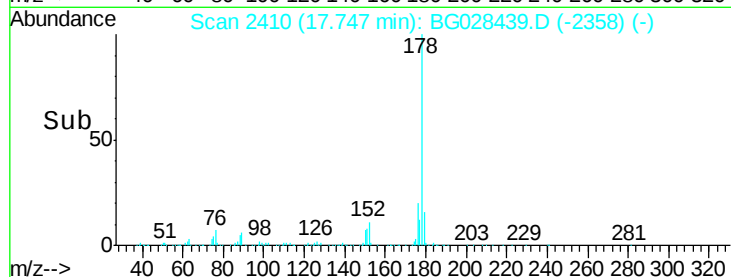
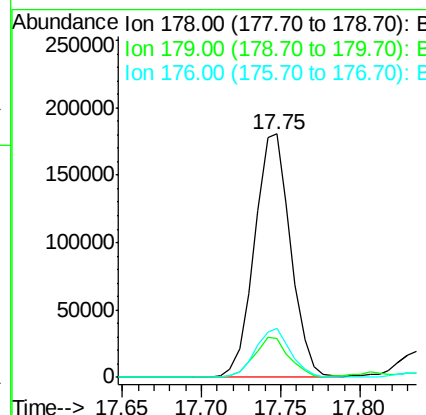
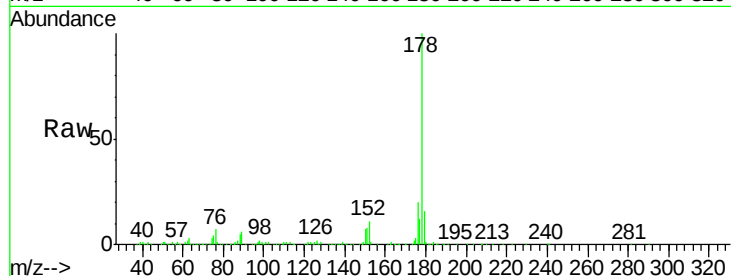
#69
 Phenanthrene
 Concen: 17.473 ng/ul
 RT: 17.75 min Scan# 2410
 Delta R.T. 0.01 min
 Lab File: BG028439.D
 Acq: 23 Aug 2017 5:17

Instrument :
 BNA_G
 ClientSampled :
 E7GD1

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	285783		
179	16.1	12.4	18.6	
176	20.1	16.5	24.7	

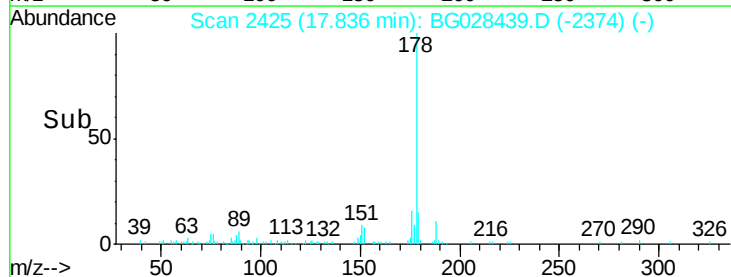
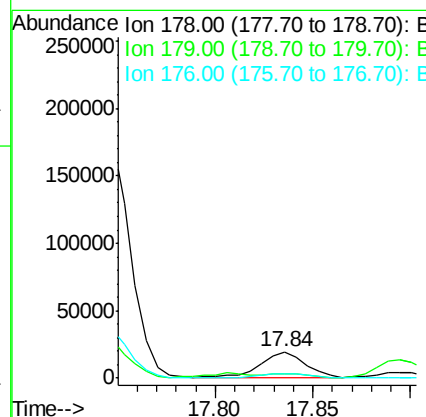
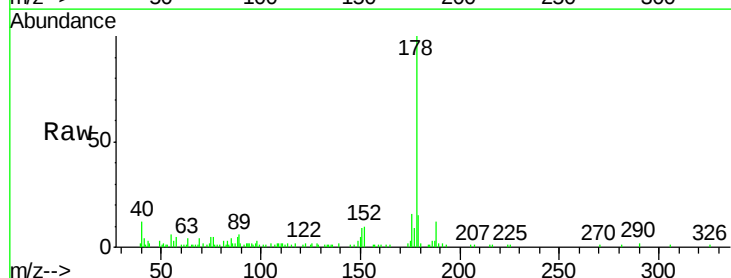
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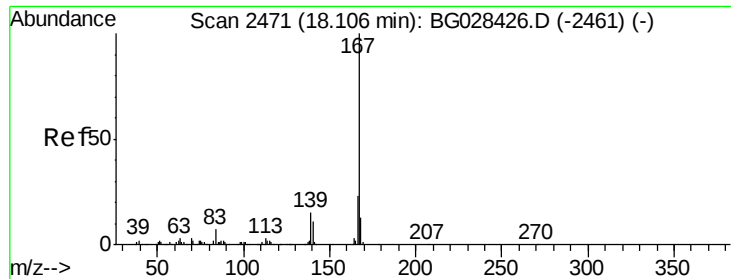
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#71
 Anthracene
 Concen: 1.887 ng/ul
 RT: 17.84 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BG028439.D
 Acq: 23 Aug 2017 5:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	31546		
179	15.0	12.6	19.0	
176	16.2	15.9	23.9	





#72

Carbazole

Concen: 3.203 ng/ul

RT: 18.11 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BG028439.D

Acq: 23 Aug 2017 5:17

Instrument :

BNA_G

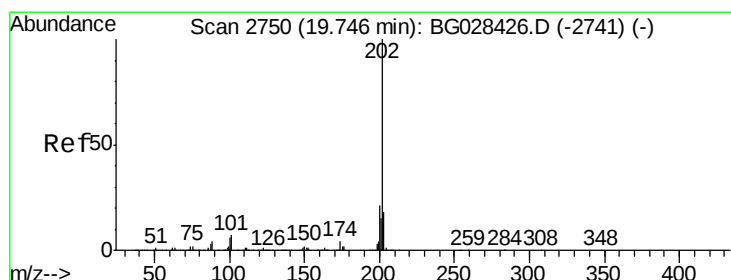
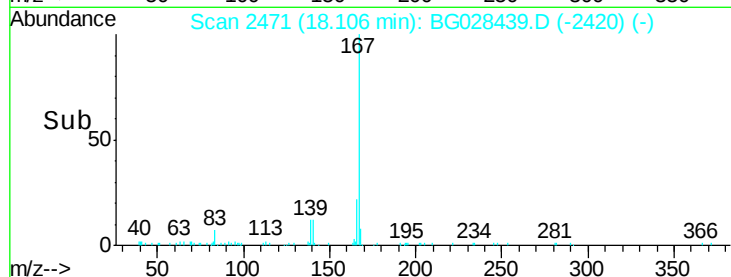
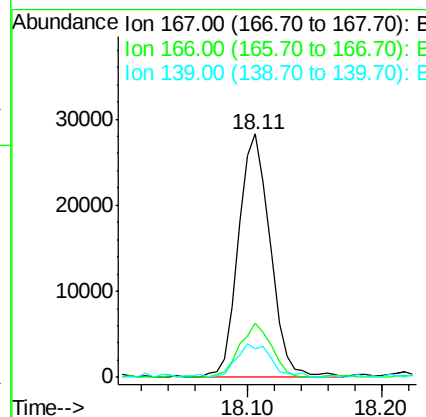
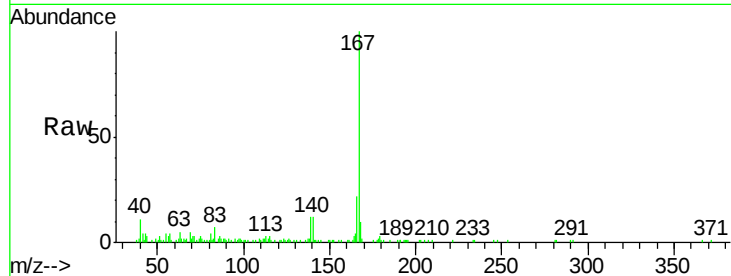
ClientSampleId :

E7GD1

Tgt Ion:	167	Resp:	46565
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.9	26.9
139	11.9	10.5	15.7

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#74

Fluoranthene

Concen: 44.518 ng/ul

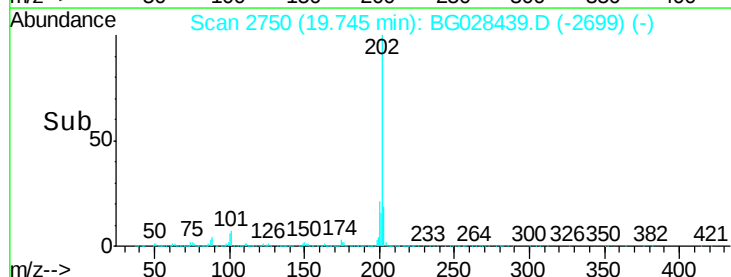
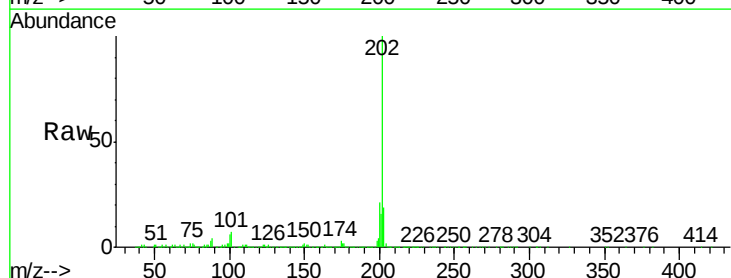
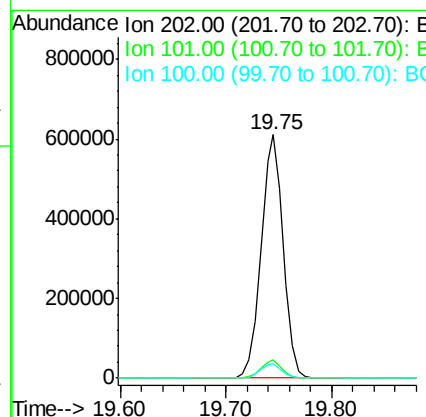
RT: 19.75 min Scan# 2750

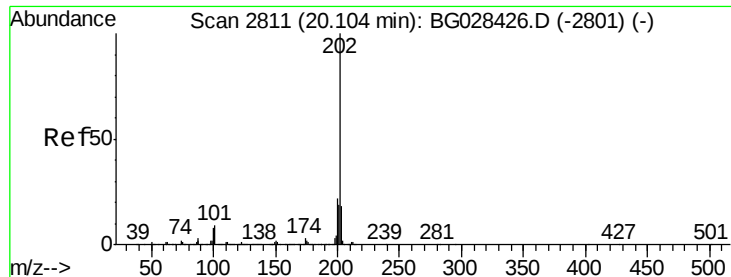
Delta R.T. -0.00 min

Lab File: BG028439.D

Acq: 23 Aug 2017 5:17

Tgt Ion:	202	Resp:	884871
Ion Ratio	Lower	Upper	
202	100		
101	7.4	6.2	9.2
100	5.9	5.2	7.8





#77

Pyrene

Concen: 31.728 ng/ul

RT: 20.11 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BG028439.D

Acq: 23 Aug 2017 5:17

Instrument :

BNA_G

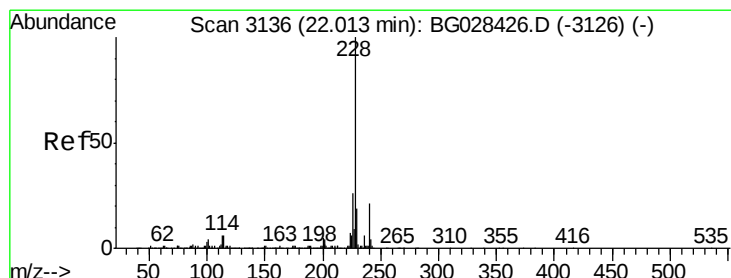
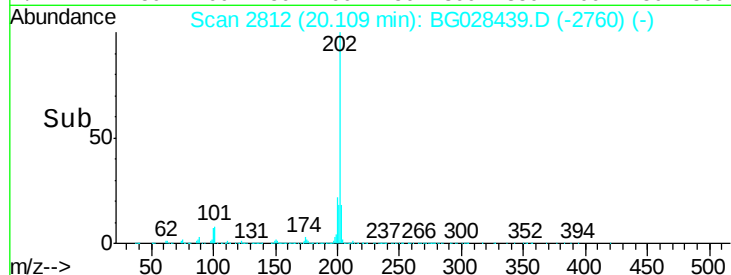
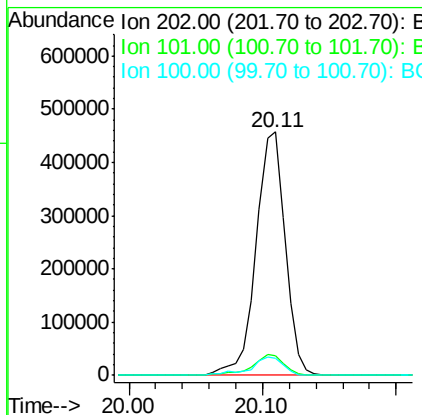
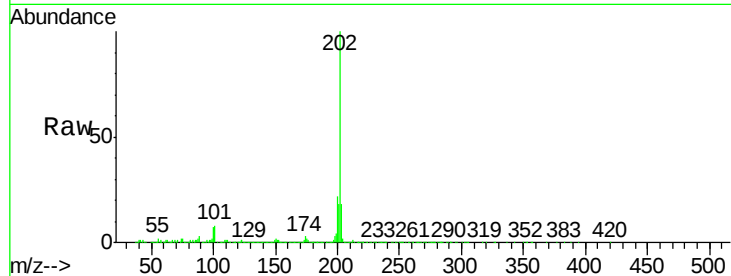
ClientSampleId :

E7GD1

Tgt Ion:	202	Resp:	686061
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.9	10.3
100	6.9	6.6	10.0

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 13.884 ng/ul

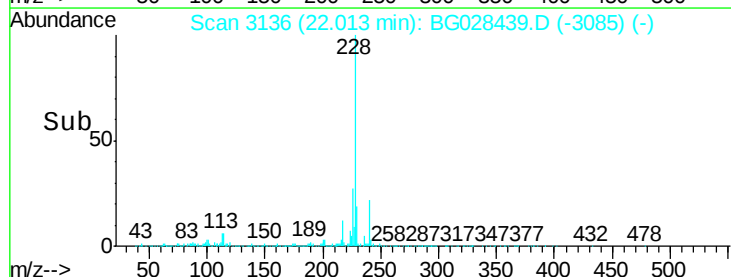
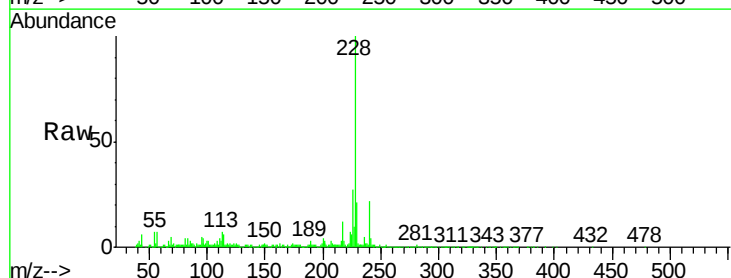
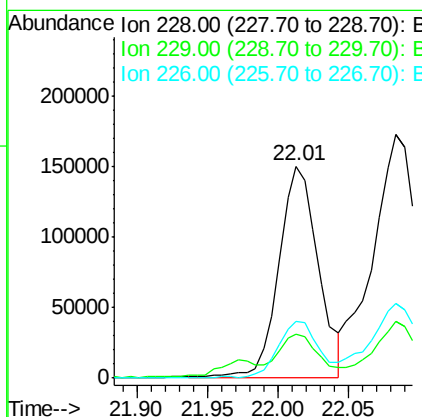
RT: 22.01 min Scan# 3136

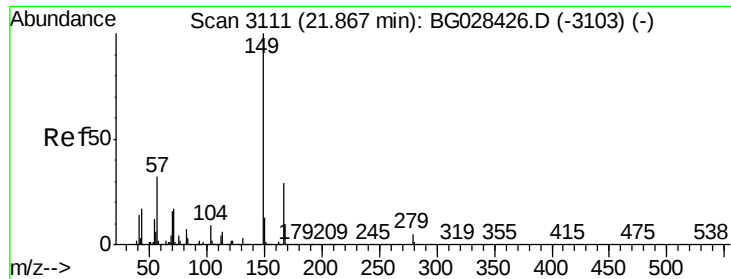
Delta R.T. -0.00 min

Lab File: BG028439.D

Acq: 23 Aug 2017 5:17

Tgt Ion:	228	Resp:	290746
Ion Ratio	Lower	Upper	
228	100		
229	21.0	16.3	24.5
226	26.8	21.9	32.9





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.508 ng/ul

RT: 21.87 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BG028439.D

Acq: 23 Aug 2017 5:17

Instrument :

BNA_G

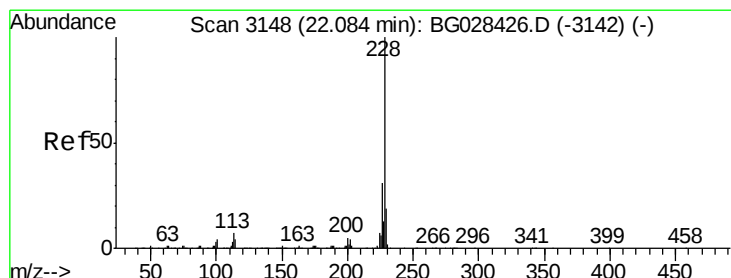
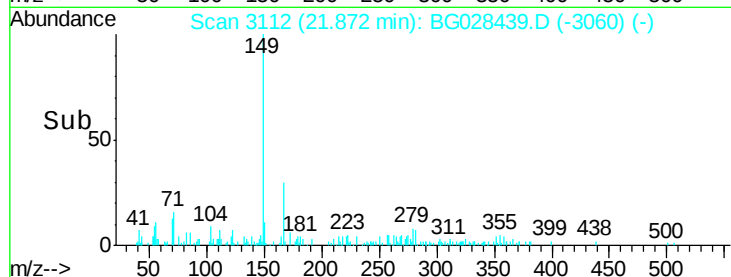
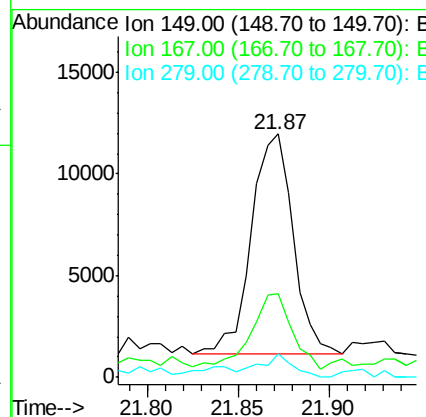
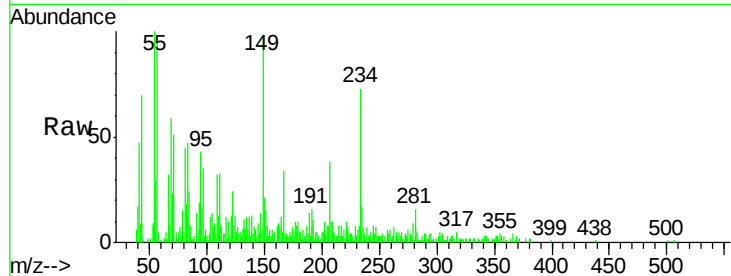
ClientSampleId :

E7GD1

Tgt Ion:	149	Resp:	17368
Ion Ratio	Lower	Upper	
149	100		
167	34.4	21.8	32.8#
279	9.5	4.5	6.7#

Manual Integrations
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#82

Chrysene

Concen: 19.769 ng/ul

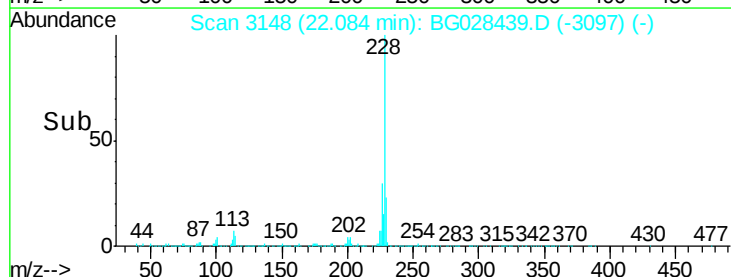
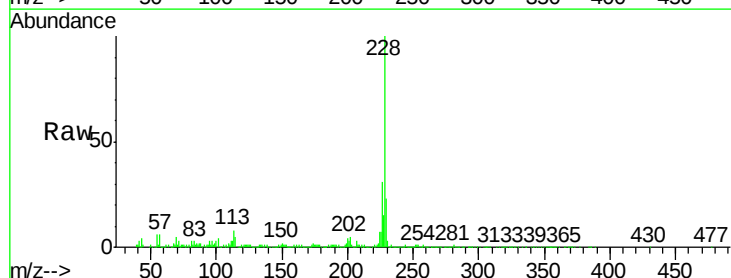
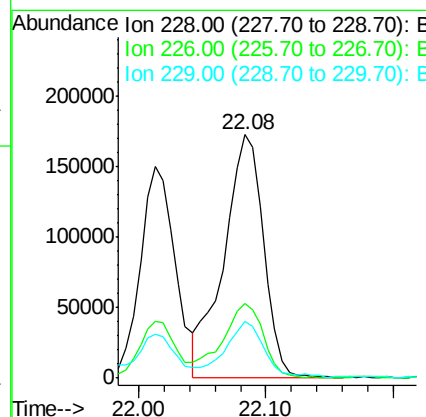
RT: 22.08 min Scan# 3148

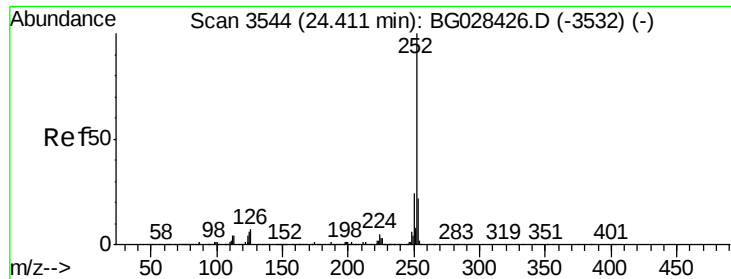
Delta R.T. -0.00 min

Lab File: BG028439.D

Acq: 23 Aug 2017 5:17

Tgt Ion:	228	Resp:	372843
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.0	36.0
229	23.0	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 24.299 ng/ul

RT: 24.43 min Scan# 3547

Delta R.T. 0.02 min

Lab File: BG028439.D

Acq: 23 Aug 2017 5:17

Instrument :

BNA_G

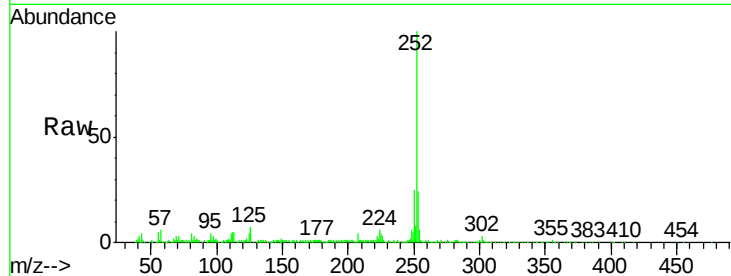
ClientSampleId :

E7GD1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	6.7	4.0	6.0

Manual Integrations
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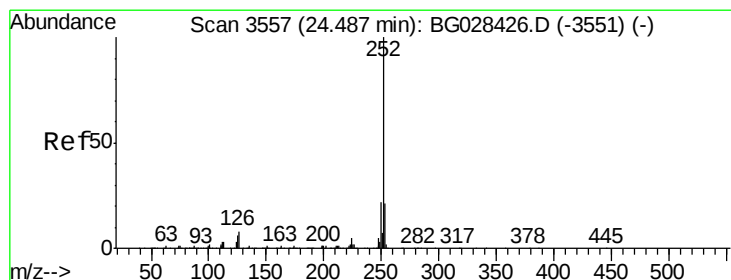
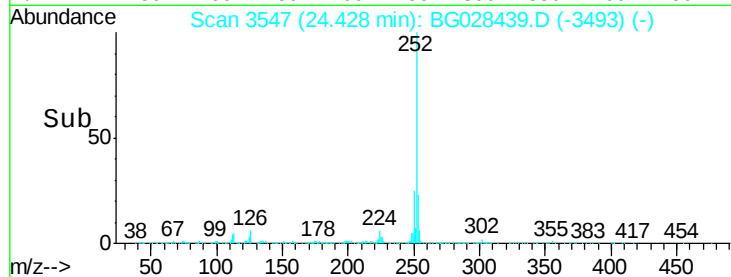
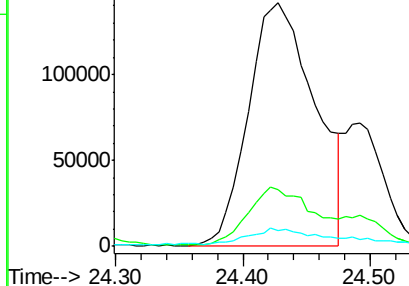
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 7.595 ng/ul m

RT: 24.49 min Scan# 3558

Delta R.T. 0.01 min

Lab File: BG028439.D

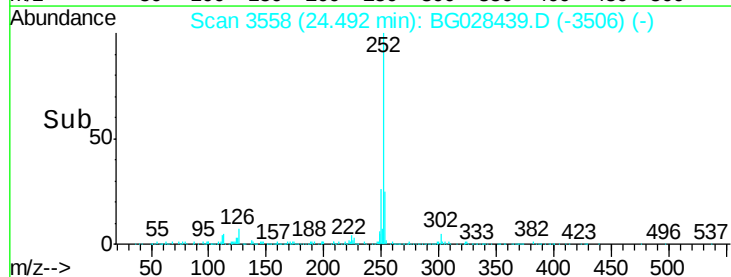
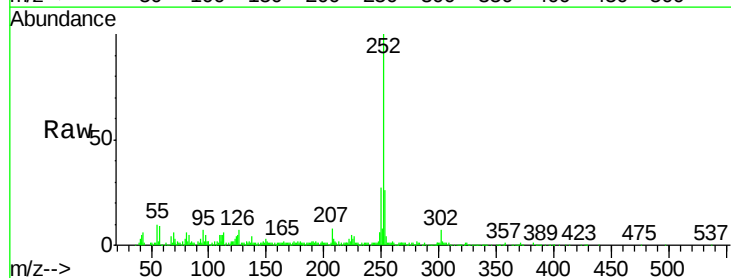
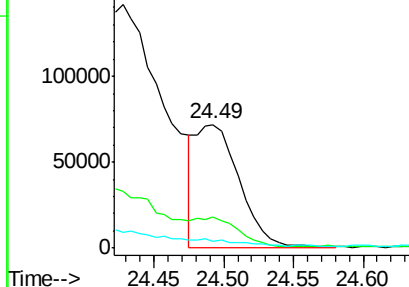
Acq: 23 Aug 2017 5:17

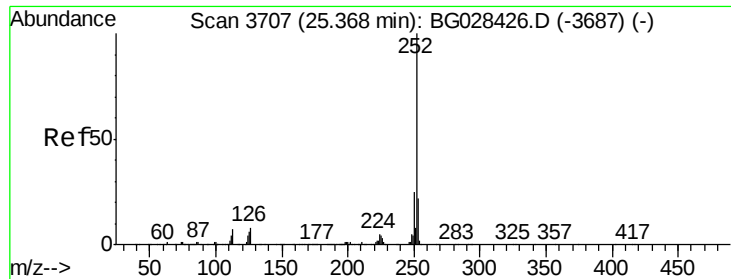
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.5	27.7
125	5.3	4.1	6.1

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





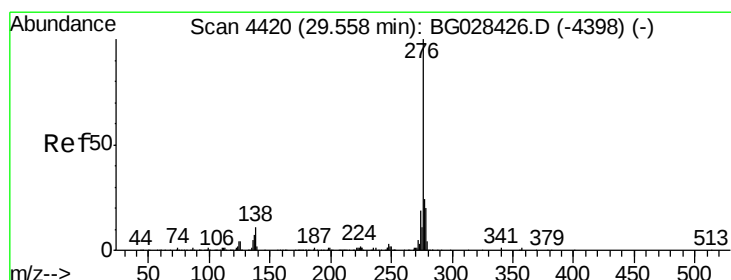
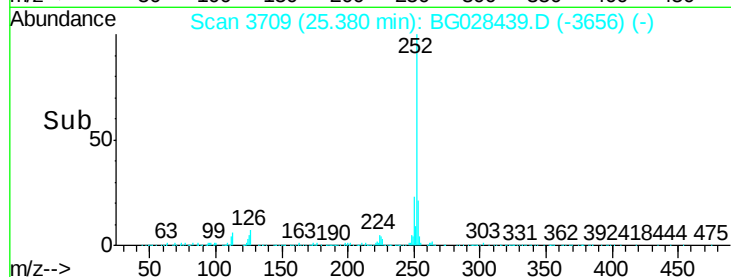
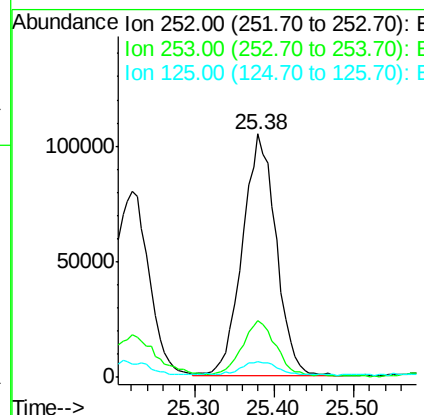
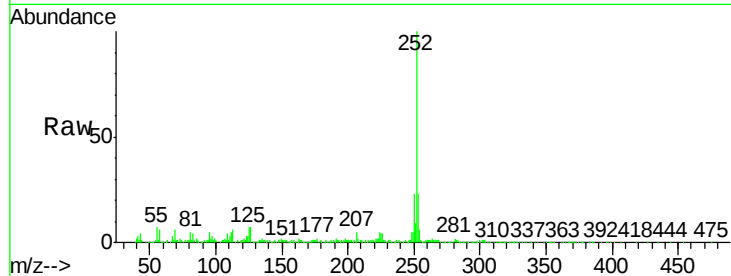
#88
Benzo(a)pyrene
Concen: 15.002 ng/ul
RT: 25.38 min Scan# 3709
Delta R.T. 0.01 min
Lab File: BG028439.D
Acq: 23 Aug 2017 5:17

Instrument :
BNA_G
ClientSampleId :
E7GD1

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	17.8	26.6
125	6.7	5.4	8.0

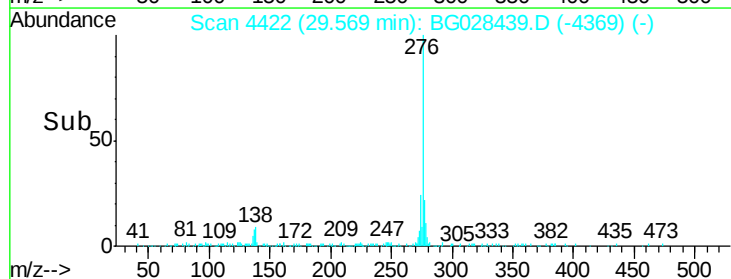
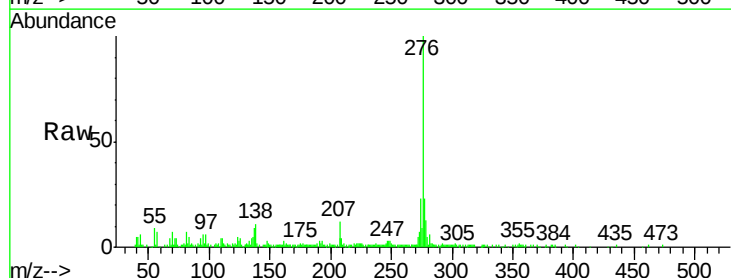
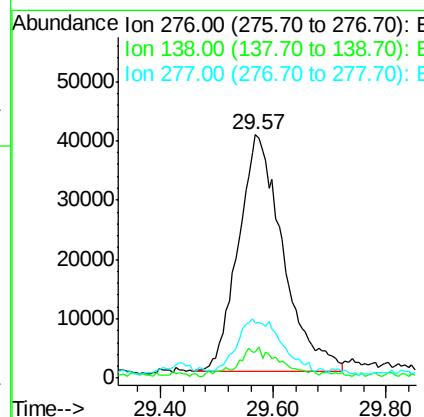
Manual Integrations
APPROVED

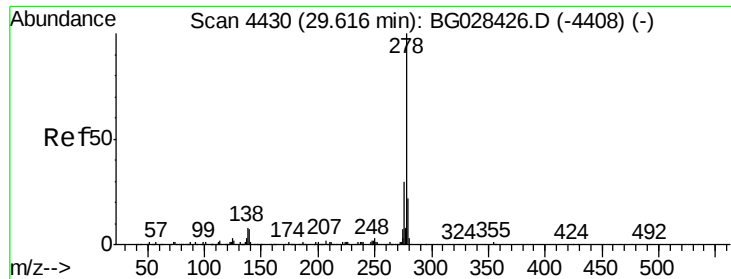
Sohil
8/23/2017 3:02:44 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 9.120 ng/ul
RT: 29.57 min Scan# 4422
Delta R.T. 0.01 min
Lab File: BG028439.D
Acq: 23 Aug 2017 5:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	10.5	8.2	12.4
277	22.7	18.6	28.0





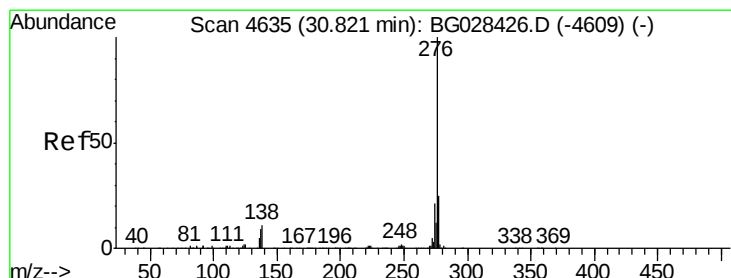
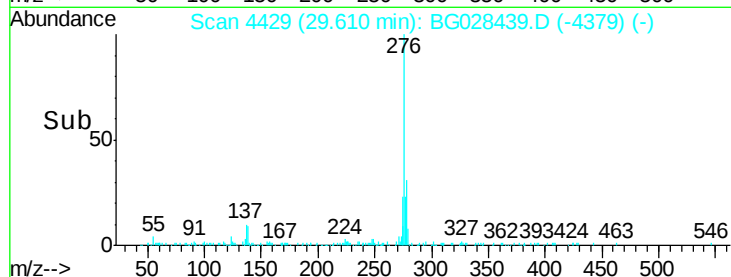
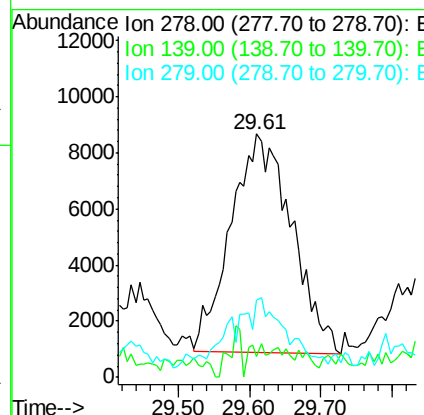
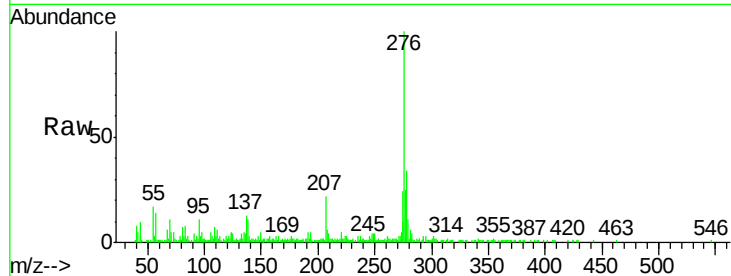
#90
Dibenzo(a,h)anthracene
Concen: 2.286 ng/ul m
RT: 29.61 min Scan# 4429
Delta R.T. -0.01 min
Lab File: BG028439.D
Acq: 23 Aug 2017 5:17

Instrument :
BNA_G
ClientSampleId :
E7GD1

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.7	6.7	10.1
279	31.8	20.9	31.3#

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:44 PM



#91
Benzo(g,h,i)perylene
Concen: 10.098 ng/ul
RT: 30.84 min Scan# 4639
Delta R.T. 0.02 min
Lab File: BG028439.D
Acq: 23 Aug 2017 5:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.2	8.6	12.8
277	23.3	17.6	26.4

