

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028361.D
 Acq On : 16 Aug 2017 2:38
 Operator : SJ/JU
 Sample : I4672-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AH4

Manual Integrations
 APPROVED

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 8/16/2017 6:40:27 PM

Quant Time: Aug 16 04:57:12 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 04:06:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	48282	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	216342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	148924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	345603	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	394198	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	372833	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3096	2.99	ng/uL	0.01
5) Phenol-d5	7.51	99	88024	16.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	55432	16.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	63543	19.00	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	67293	15.18	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	34137	20.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	39593	21.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	76798	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	64941	15.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	258007	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	304232	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	32024	15.21	ng/ul	0.00
57) Fluorene-d10	15.95	176	228928	19.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	41486	18.48	ng/ul	0.00
70) Anthracene-d10	17.81	188	367131	22.15	ng/ul	0.00
76) Pyrene-d10	20.09	212	432351	21.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	384125	22.01	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	14.40	163	67590	5.542 ng/ul	98
74) Fluoranthene	19.75	202	107333	5.078 ng/ul	99
77) Pyrene	20.11	202	94523	4.019 ng/ul	98
80) Benzo(a)anthracene	22.03	228	67277	2.954 ng/ul	97
82) Chrysene	22.10	228	64082	3.124 ng/ul	95
85) Benzo(b)fluoranthene	24.44	252	101504	4.550 ng/ul	98
86) Benzo(k)fluoranthene	24.50	252	28965m	1.329 ng/ul	
88) Benzo(a)pyrene	25.40	252	58164	2.693 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.60	276	37545	1.484 ng/ul#	92

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

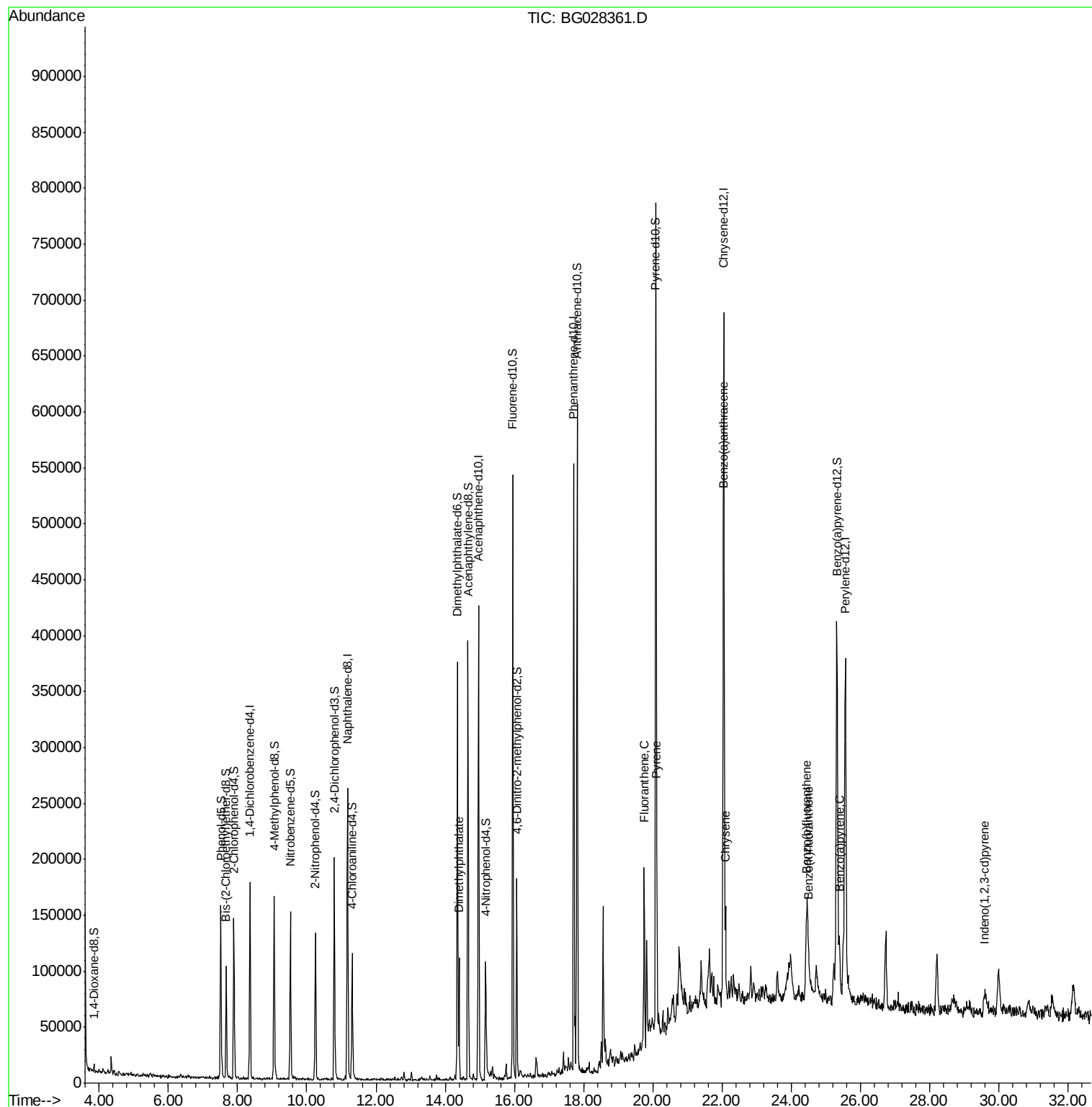
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028361.D
Acq On : 16 Aug 2017 2:38
Operator : SJ/JU
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ALS Vial : 23 Sample Multiplier: 1

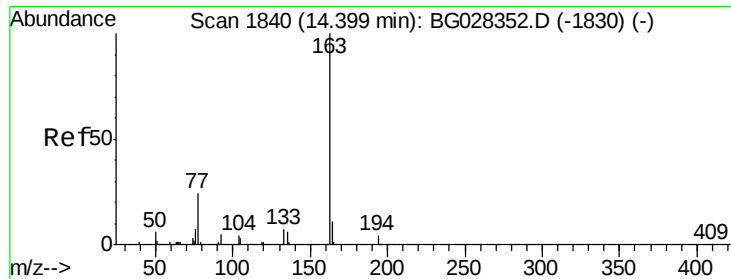
Instrument :
BNA_G
ClientSampleId :
C0AH4

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Quant Time: Aug 16 04:57:12 2017
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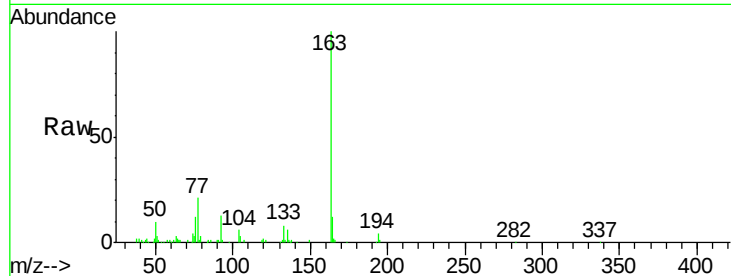
#44
Dimethylphthalate
Concen: 5.542 ng/ul
RT: 14.40 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG028361.D
Acq: 16 Aug 2017 2:38

Instrument :
BNA_G
ClientSampleId :
C0AH4

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	3.4	5.0
164	12.0	9.0	13.4

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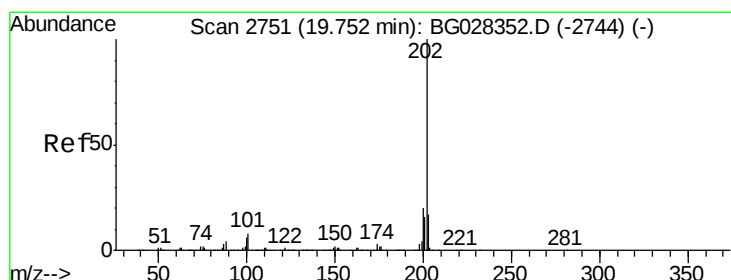
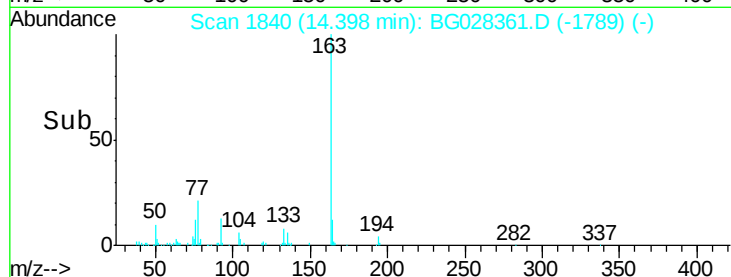
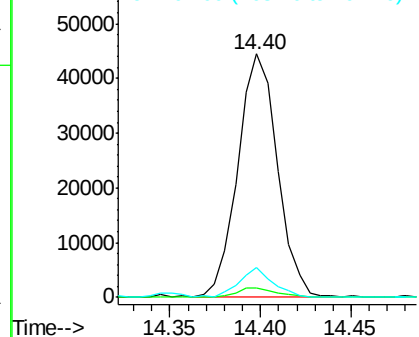


Abundance

Ion 163.00 (162.70 to 163.70): E

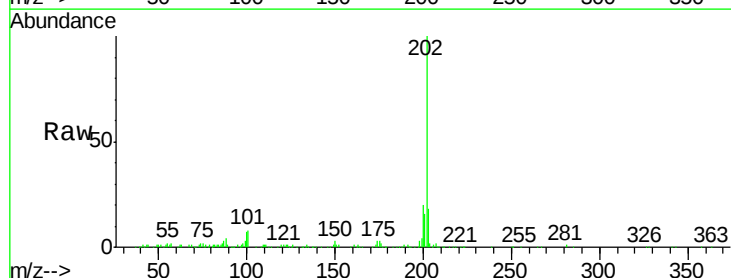
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#74
Fluoranthene
Concen: 5.078 ng/ul
RT: 19.75 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BG028361.D
Acq: 16 Aug 2017 2:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.2	6.2	9.2
100	6.9	5.2	7.8

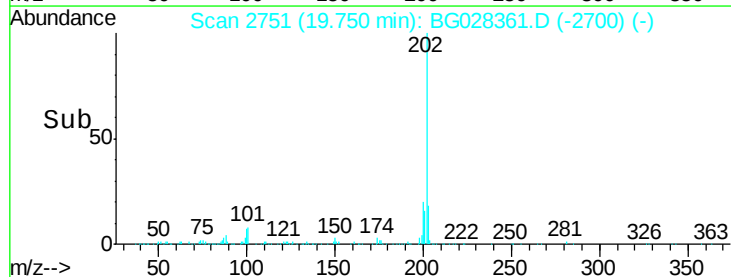
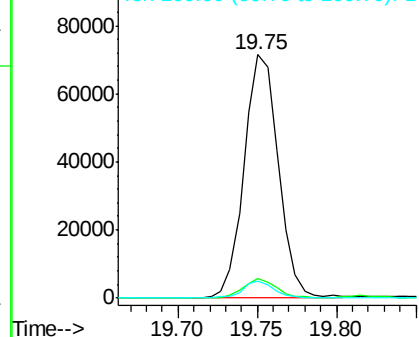


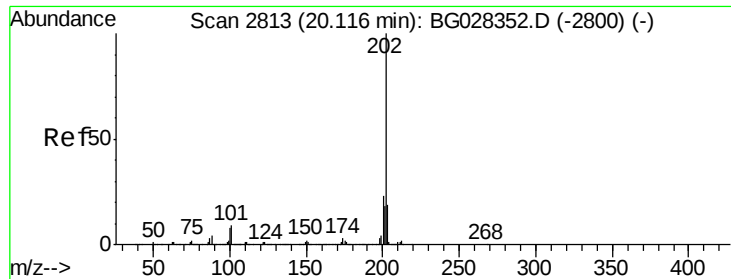
Abundance

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): B





#77

Pyrene

Concen: 4.019 ng/ul

RT: 20.11 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG028361.D

Acq: 16 Aug 2017 2:38

Instrument :

BNA_G

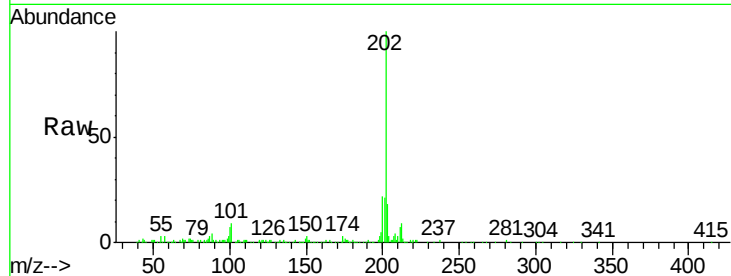
ClientSampleId :

C0AH4

Tgt Ion:	202	Resp:	94523
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.9	10.3
100	7.3	6.6	10.0

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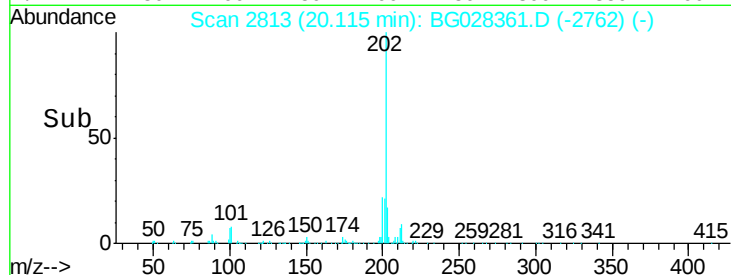


Abundance Ion 202.00 (201.70 to 202.70): E

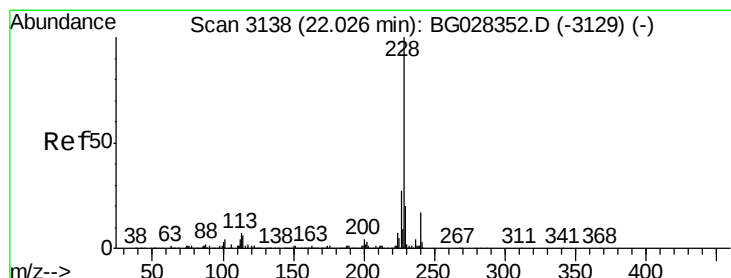
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 2.954 ng/ul

RT: 22.03 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BG028361.D

Acq: 16 Aug 2017 2:38

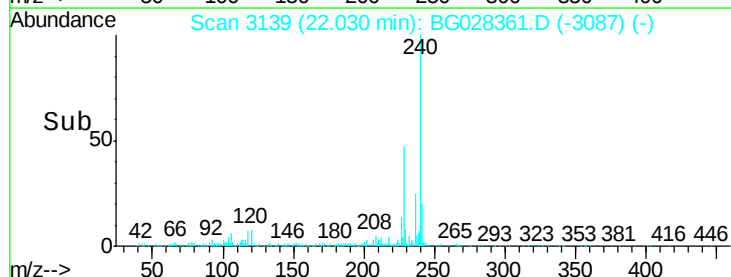
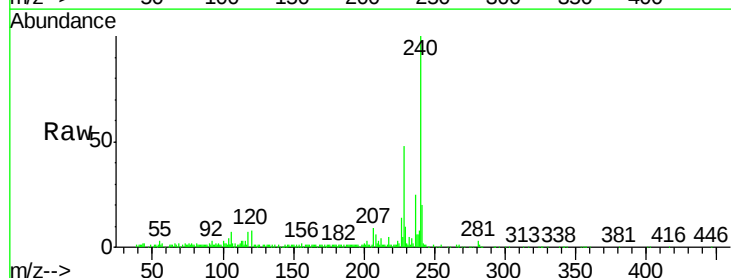
Tgt Ion:	228	Resp:	67277
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.3	24.5
226	29.9	21.9	32.9

Abundance Ion 228.00 (227.70 to 228.70): E

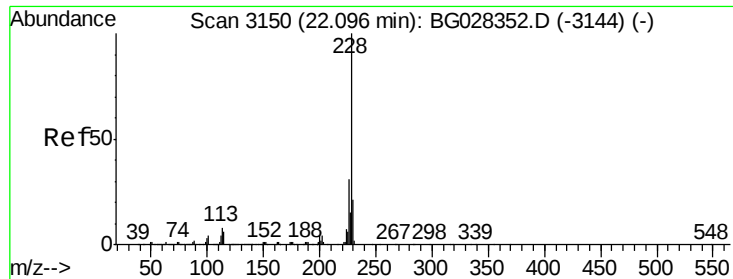
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#82

Chrysene

Concen: 3.124 ng/ul

RT: 22.10 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BG028361.D

Acq: 16 Aug 2017 2:38

Instrument :

BNA_G

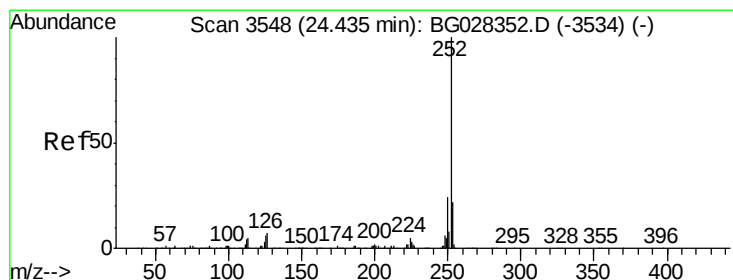
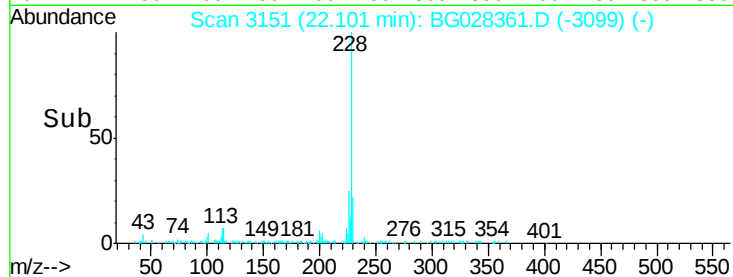
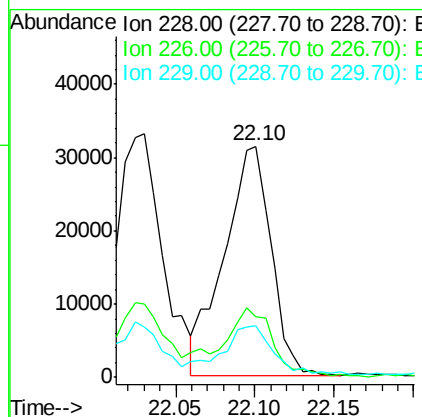
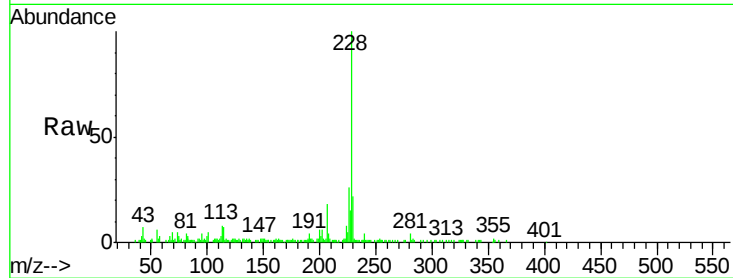
ClientSampleId :

C0AH4

Tgt Ion:	228	Resp:	64082
Ion Ratio	Lower	Upper	
228	100		
226	26.4	24.0	36.0
229	22.3	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 4.550 ng/ul

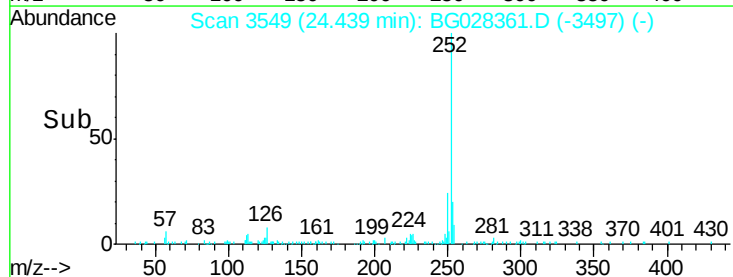
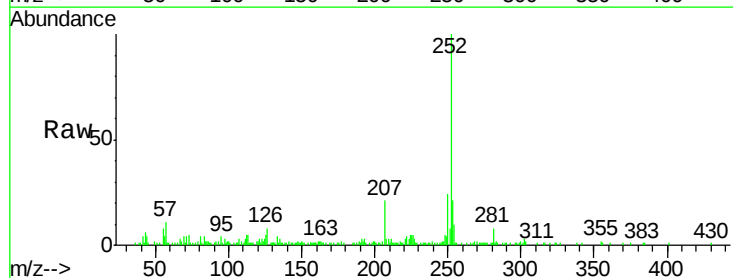
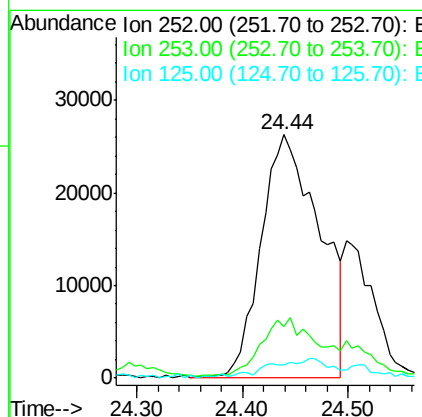
RT: 24.44 min Scan# 3549

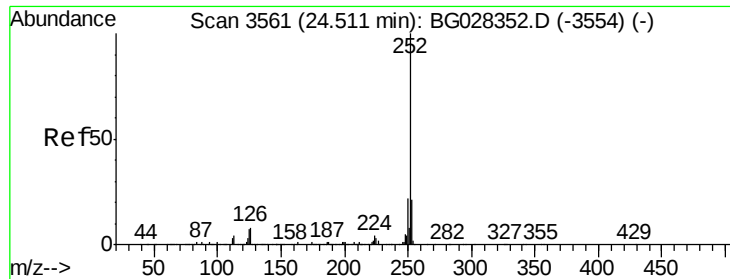
Delta R.T. 0.00 min

Lab File: BG028361.D

Acq: 16 Aug 2017 2:38

Tgt Ion:	252	Resp:	101504
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.7	26.5
125	5.5	4.0	6.0





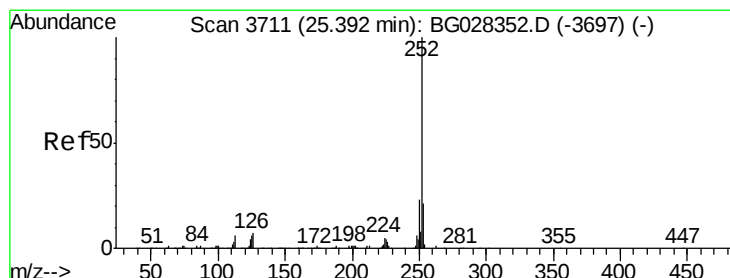
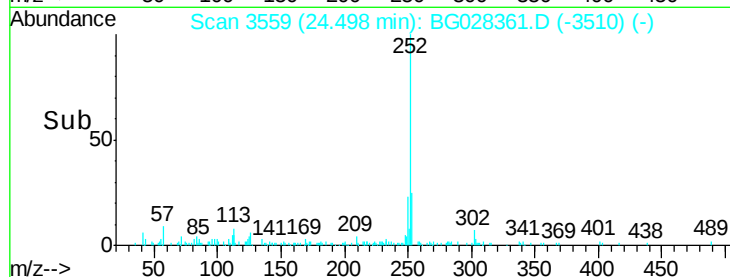
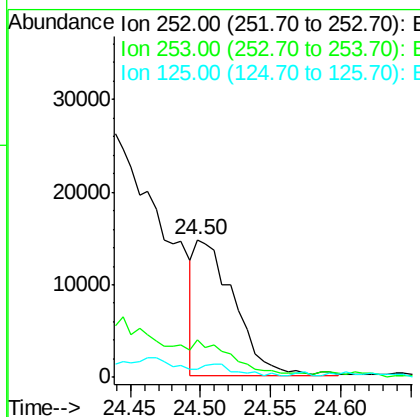
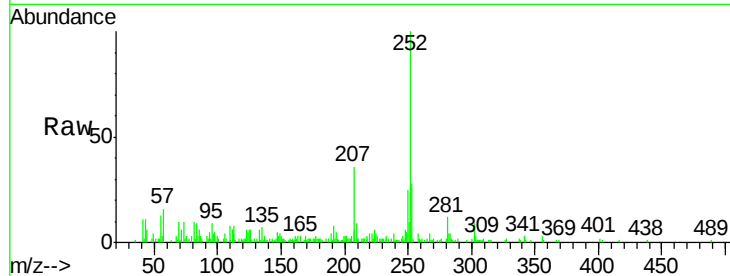
#86
Benzo(k)fluoranthene
Concen: 1.329 ng/ul m
RT: 24.50 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BG028361.D
Acq: 16 Aug 2017 2:38

Instrument :
BNA_G
ClientSampleId :
C0AH4

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28965		
253	27.6	18.5	27.7	
125	5.9	4.1	6.1	

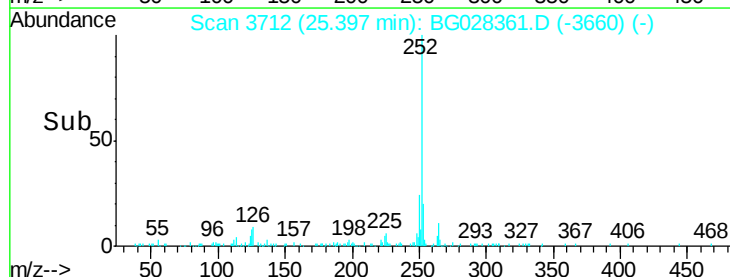
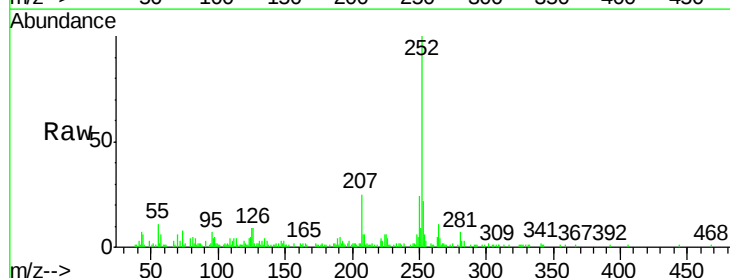
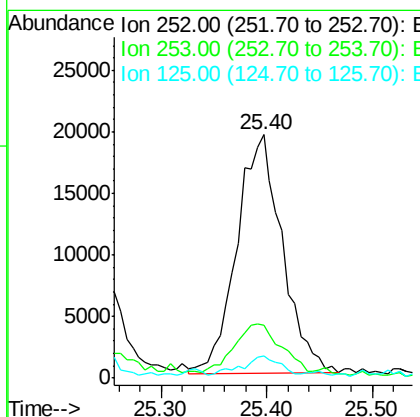
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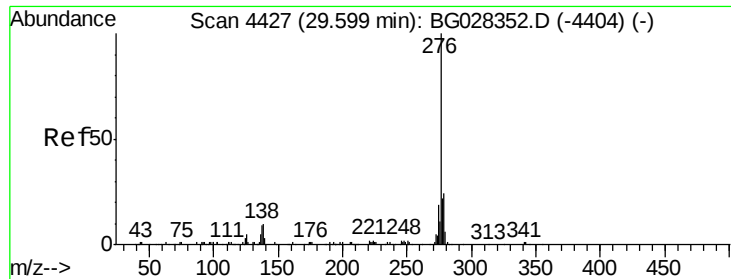
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#88
Benzo(a)pyrene
Concen: 2.693 ng/ul
RT: 25.40 min Scan# 3712
Delta R.T. 0.00 min
Lab File: BG028361.D
Acq: 16 Aug 2017 2:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	58164		
253	21.8	17.8	26.6	
125	9.1	5.4	8.0	





#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.484 ng/ul
 RT: 29.60 min Scan# 4427
 Delta R.T. -0.00 min
 Lab File: BG028361.D
 Acq: 16 Aug 2017 2:38

Instrument :
 BNA_G
 ClientSampleId :
 C0AH4

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	12.9	8.2	12.4#
277	27.2	18.6	28.0

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