

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023563.D
 Acq On : 9 Aug 2016 19:19
 Operator : UM/SJ
 Sample : H4362-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0002-02

Manual Integrations
 APPROVED

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Quant Time: Aug 10 05:43:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	129857	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	586450	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.78	164	434786	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1111472	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1116084	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1108244	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	5500	1.80	ng/uL	0.00
5) Phenol-d5	7.26	99	290532	22.21	ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	7.43	67	186606	22.26	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	199850	22.39	ng/ul	-0.03
13) 4-Methylphenol-d8	8.82	113	209638	20.53	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	108860	23.55	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.02	143	127597	24.03	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	235276m	23.49	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	237114	20.18	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	865602	24.32	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1010034	25.21	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.00	143	128704	21.18	ng/ul	0.00
57) Fluorene-d10	15.78	176	822929	25.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	147445	20.68	ng/ul	0.00
70) Anthracene-d10	17.65	188	1262128	25.20	ng/ul	0.00
76) Pyrene-d10	19.94	212	1416529	25.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1284212	25.60	ng/ul	0.01

Target Compounds

						Qvalue
44) Dimethylphthalate	14.23	163	896498	25.43	ng/ul	98
69) Phenanthrene	17.59	178	114604	1.99	ng/ul	99
74) Fluoranthene	19.60	202	220413	3.74	ng/ul#	91
77) Pyrene	19.97	202	220444	3.20	ng/ul#	93
80) Benzo(a)anthracene	21.85	228	92834m	1.48	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.72	149	36086	1.03	ng/ul	98
82) Chrysene	21.92	228	101200	1.77	ng/ul	97
85) Benzo(b)fluoranthene	24.17	252	115139m	1.83	ng/ul	
88) Benzo(a)pyrene	25.10	252	81766	1.34	ng/ul#	90

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

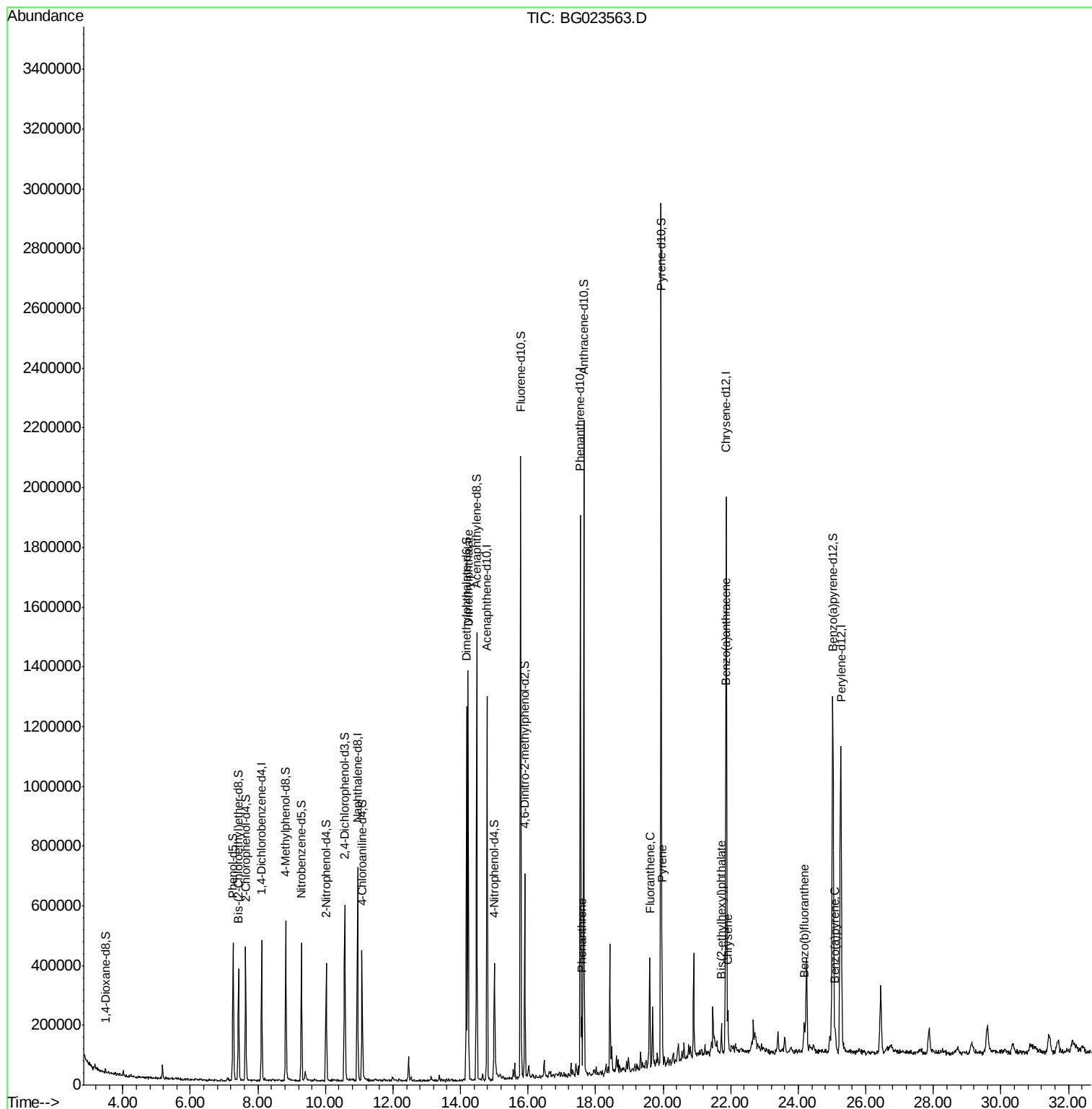
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023563.D
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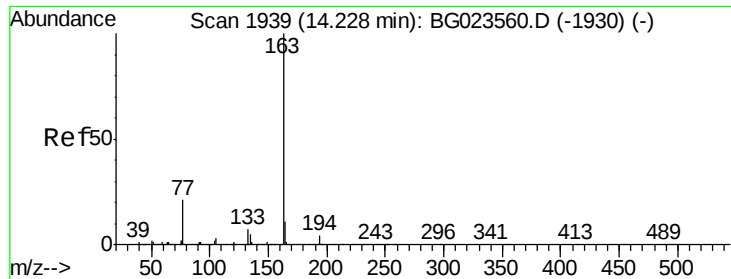
Instrument :
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Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 05:01:49 2016
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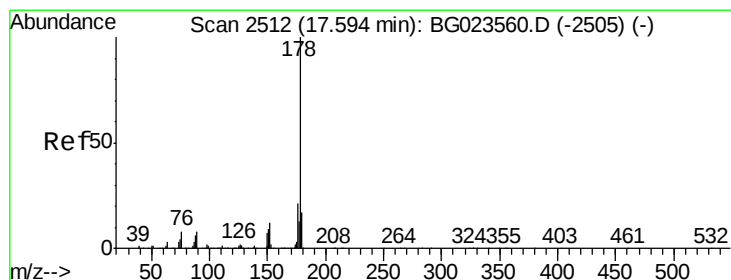
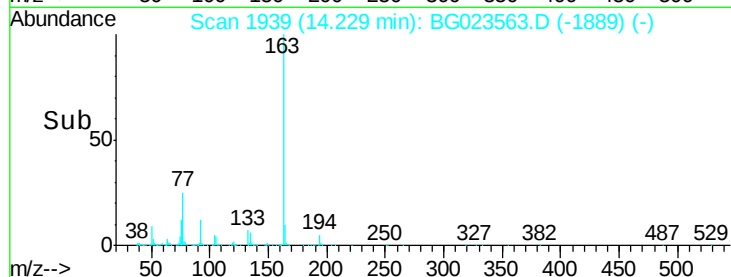
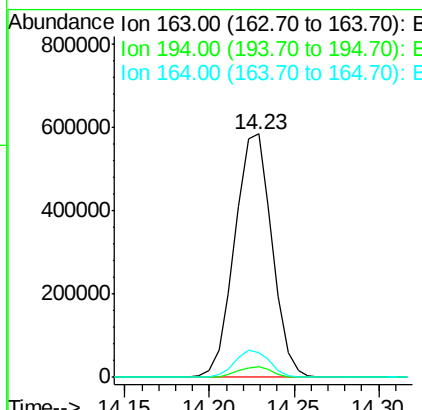
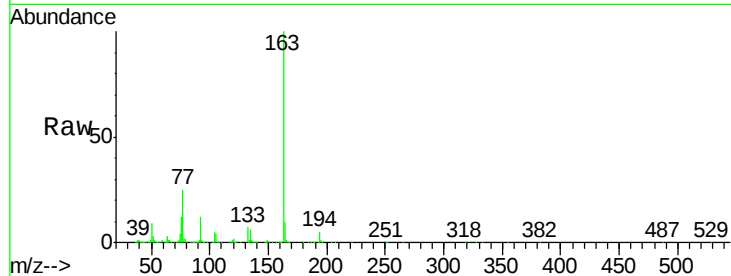
#44
Dimethylphthalate
Concen: 25.43 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.6	3.4	5.2
164	9.9	8.8	13.2

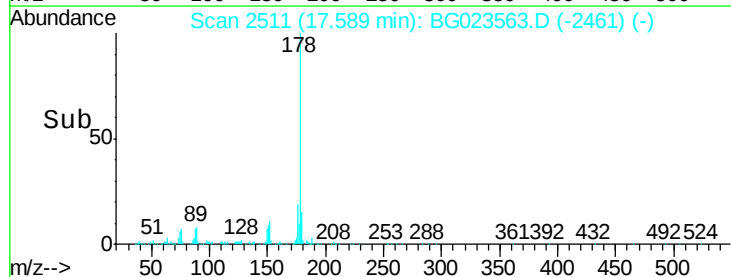
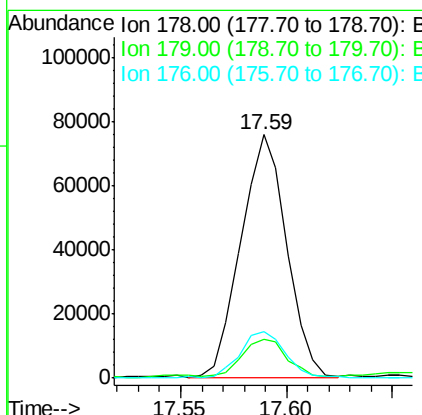
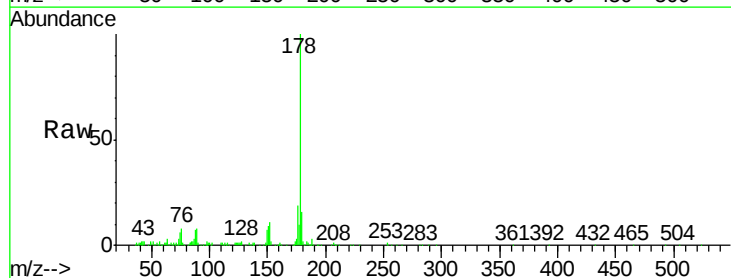
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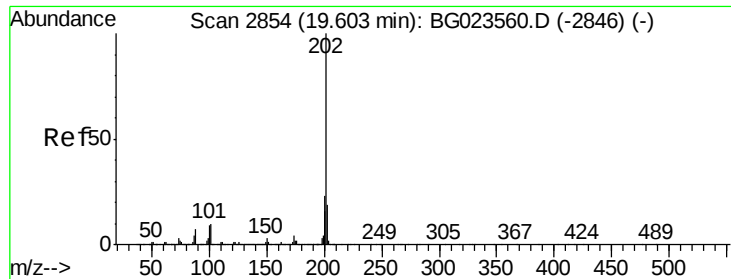
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#69
Phenanthrene
Concen: 1.99 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BG023563.D
Acq: 9 Aug 2016 19:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.9	12.9	19.3
176	19.3	15.8	23.8





#74

Fluoranthene

Concen: 3.74 ng/ul

RT: 19.60 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG023563.D

Acq: 9 Aug 2016 19:19

Instrument :

BNA_G

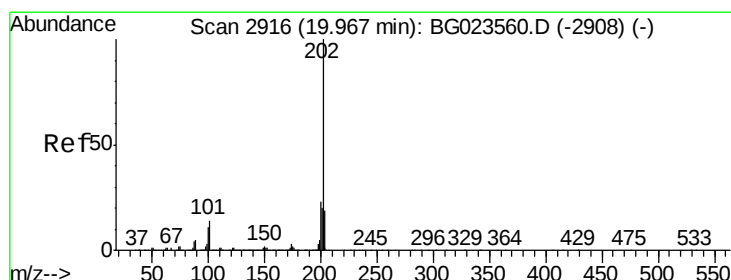
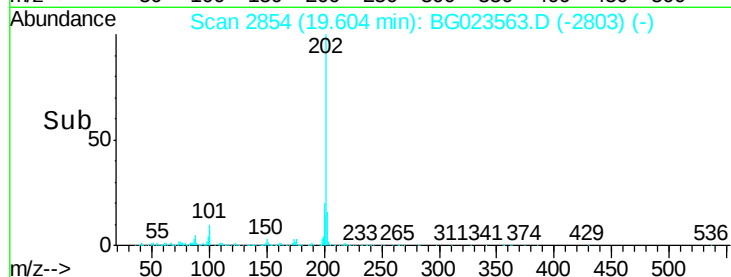
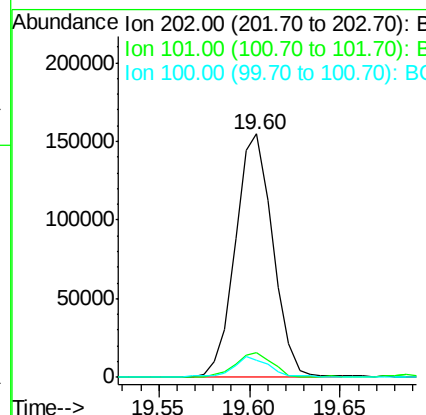
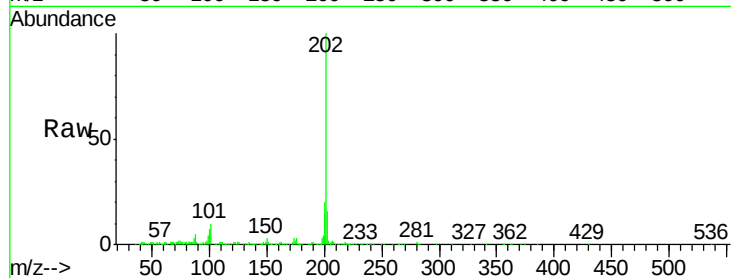
ClientSampleId :

PR001-SS005-0002-02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	220413		
101	10.2	10.6	16.0#	
100	6.9	8.7	13.1#	

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#77

Pyrene

Concen: 3.20 ng/ul

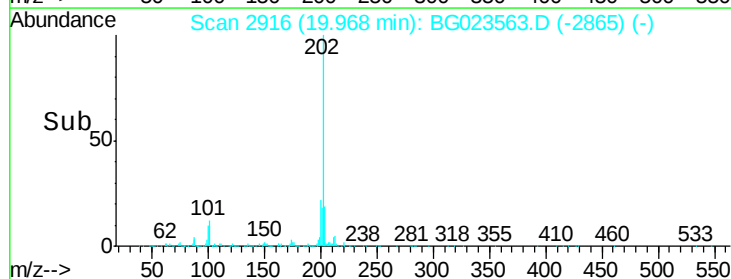
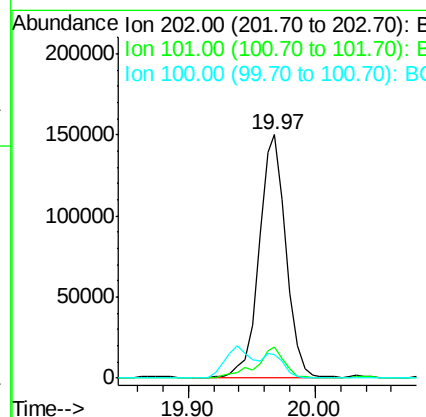
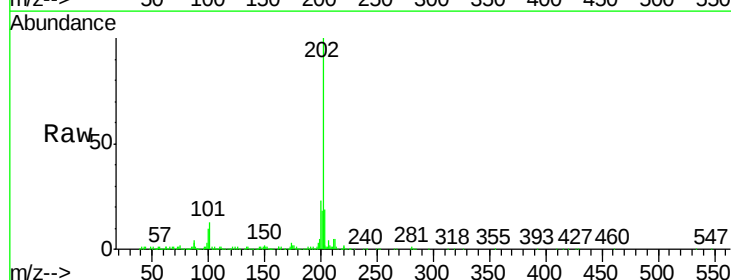
RT: 19.97 min Scan# 2916

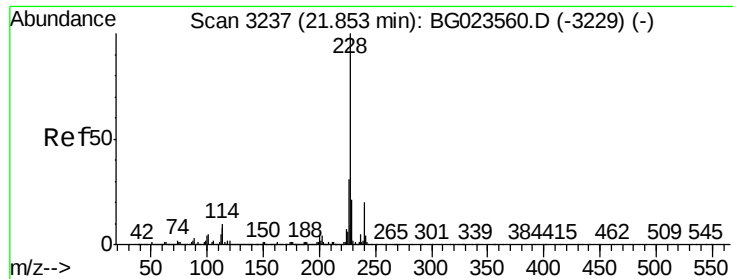
Delta R.T. 0.00 min

Lab File: BG023563.D

Acq: 9 Aug 2016 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	220444		
101	12.7	12.5	18.7	
100	9.7	10.2	15.4#	





#80

Benzo(a)anthracene

Concen: 1.48 ng/ul m

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG023563.D

Acq: 9 Aug 2016 19:19

Instrument :

BNA_G

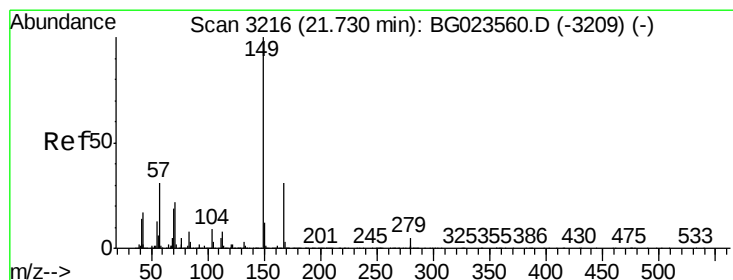
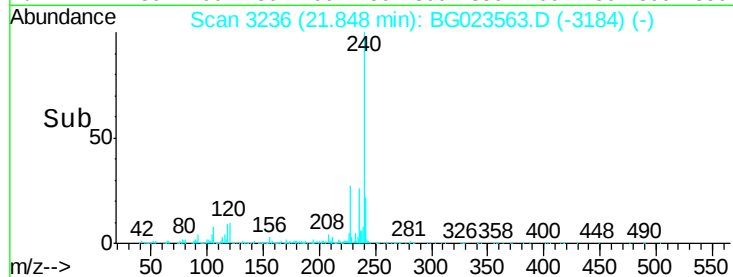
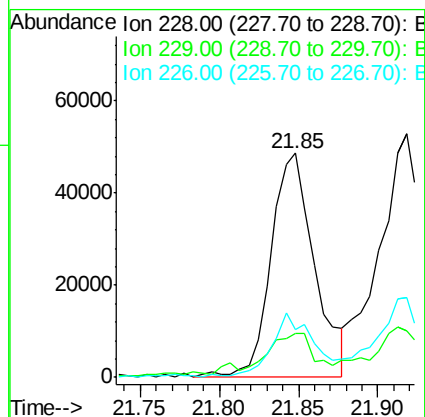
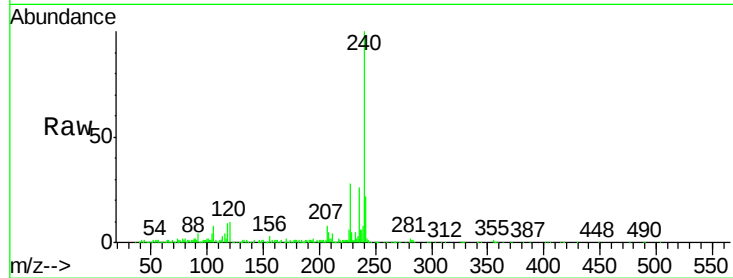
ClientSampleId :

PR001-SS005-0002-02

Tgt Ion:	228	Resp:	92834
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.4	23.2
226	21.3	22.8	34.2#

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#81

Bis(2-ethylhexyl)phthalate

Concen: 1.03 ng/ul

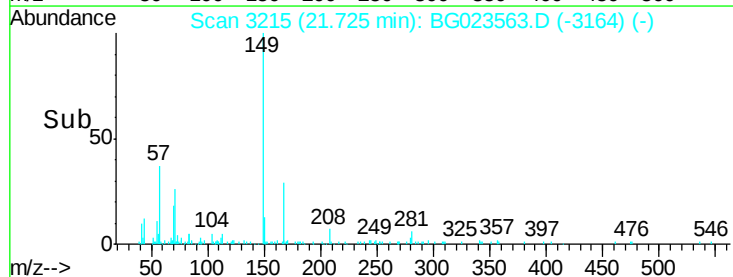
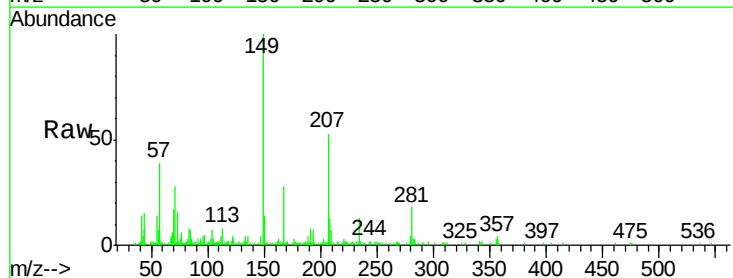
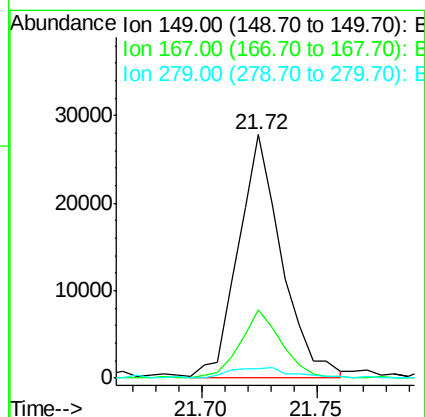
RT: 21.72 min Scan# 3215

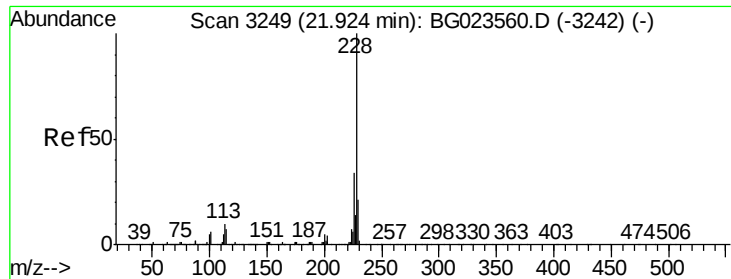
Delta R.T. 0.00 min

Lab File: BG023563.D

Acq: 9 Aug 2016 19:19

Tgt Ion:	149	Resp:	36086
Ion Ratio	Lower	Upper	
149	100		
167	28.3	21.9	32.9
279	4.0	2.9	4.3





#82

Chrysene

Concen: 1.77 ng/ul

RT: 21.92 min Scan# 3248

Delta R.T. 0.01 min

Lab File: BG023563.D

Acq: 9 Aug 2016 19:19

Instrument :

BNA_G

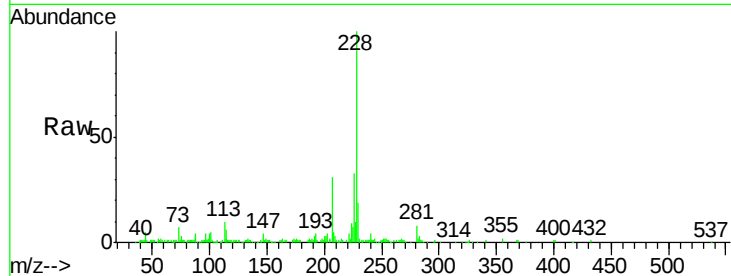
ClientSampleId :

PR001-SS005-0002-02

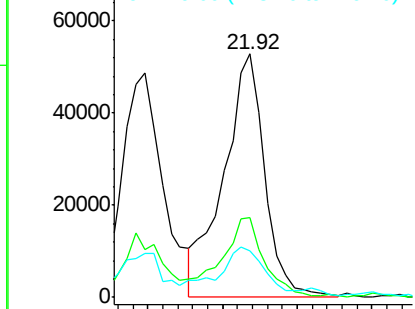
Tgt Ion:	228	Resp:	101200
Ion Ratio		Lower	Upper
228	100		
226	32.8	24.2	36.4
229	19.3	15.0	22.6

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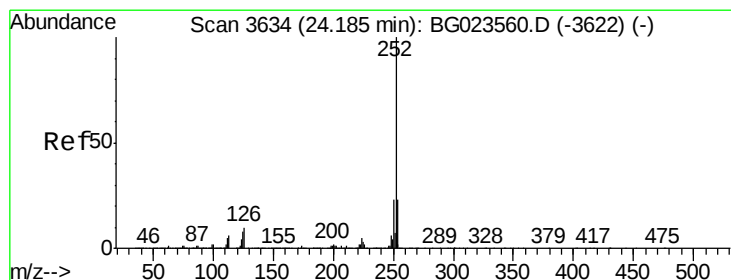
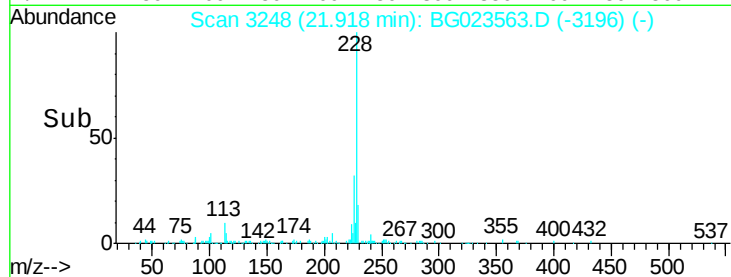
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#85

Benzo(b)fluoranthene

Concen: 1.83 ng/ul m

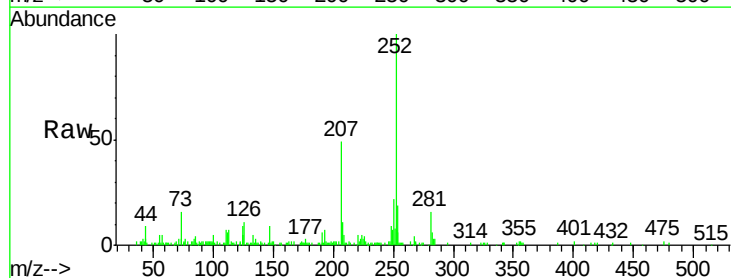
RT: 24.17 min Scan# 3632

Delta R.T. 0.01 min

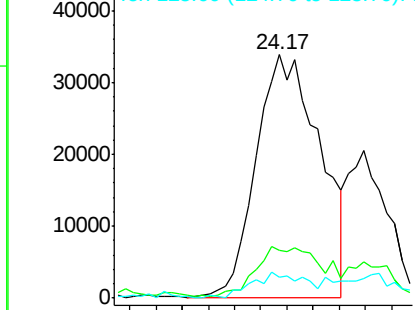
Lab File: BG023563.D

Acq: 9 Aug 2016 19:19

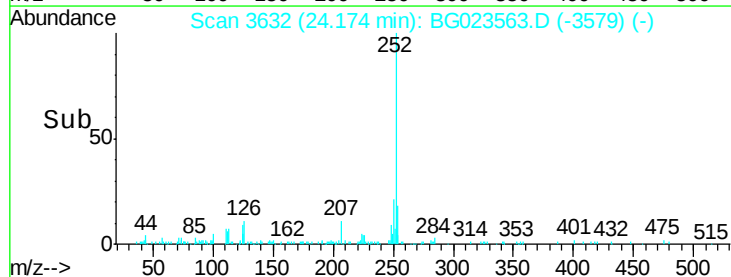
Tgt Ion:	252	Resp:	115139
Ion Ratio		Lower	Upper
252	100		
253	19.5	18.2	27.2
125	8.8	10.8	16.2#

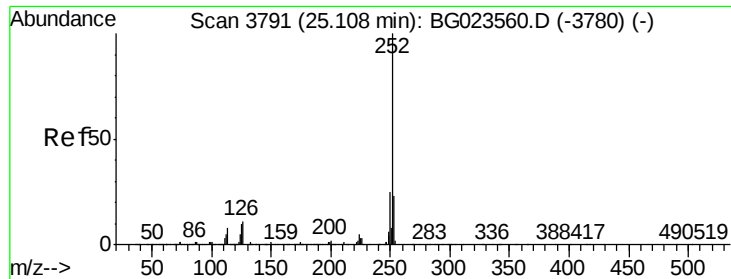


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#88

Benzo(a)pyrene

Concen: 1.34 ng/ul

RT: 25.10 min Scan# 3789

Delta R.T. 0.01 min

Lab File: BG023563.D

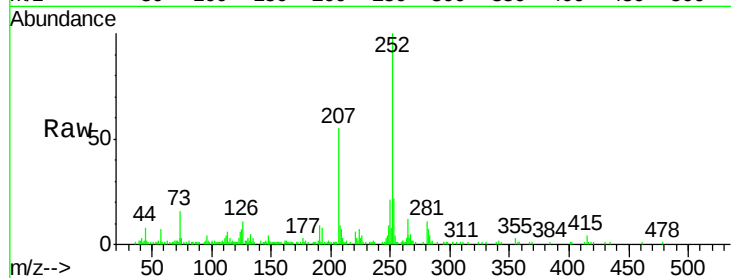
Acq: 9 Aug 2016 19:19

Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0002-02



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.0	28.4
125	7.4	12.0	18.0

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