

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023557.D
 Acq On : 9 Aug 2016 15:30
 Operator : UM/SJ
 Sample : H4362-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0002-01

Manual Integrations
 APPROVED

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Quant Time: Aug 10 05:17:24 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	8.13	152	134893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	661108	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	501869	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1197246	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1168499	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1168218	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7479	2.36	ng/uL	0.00
5) Phenol-d5	7.29	99	290794	21.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	212663	24.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	214313	23.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	204647	19.29	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	121166	23.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	140038	23.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	252510	22.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	284816	21.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	953680	23.21	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1079061	23.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	147598	21.04	ng/ul	0.00
57) Fluorene-d10	15.78	176	886328	23.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	172922	22.51	ng/ul	0.00
70) Anthracene-d10	17.65	188	1349122	25.01	ng/ul	0.00
76) Pyrene-d10	19.94	212	1488921	25.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.01	264	1381271	26.12	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.24	163	380087	9.34	ng/ul	99
69) Phenanthrene	17.59	178	123589	1.99	ng/ul	98
74) Fluoranthene	19.60	202	242285	3.82	ng/ul#	91
77) Pyrene	19.96	202	241445	3.34	ng/ul#	90
80) Benzo(a)anthracene	21.84	228	97265	1.48	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	41075	1.11	ng/ul	100
82) Chrysene	21.91	228	112536	1.88	ng/ul	98
85) Benzo(b)fluoranthene	24.17	252	141319	2.13	ng/ul#	94
88) Benzo(a)pyrene	25.08	252	96439m	1.50	ng/ul	
91) Benzo(g,h,i)perylene	30.32	276	65326m	1.05	ng/ul	

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

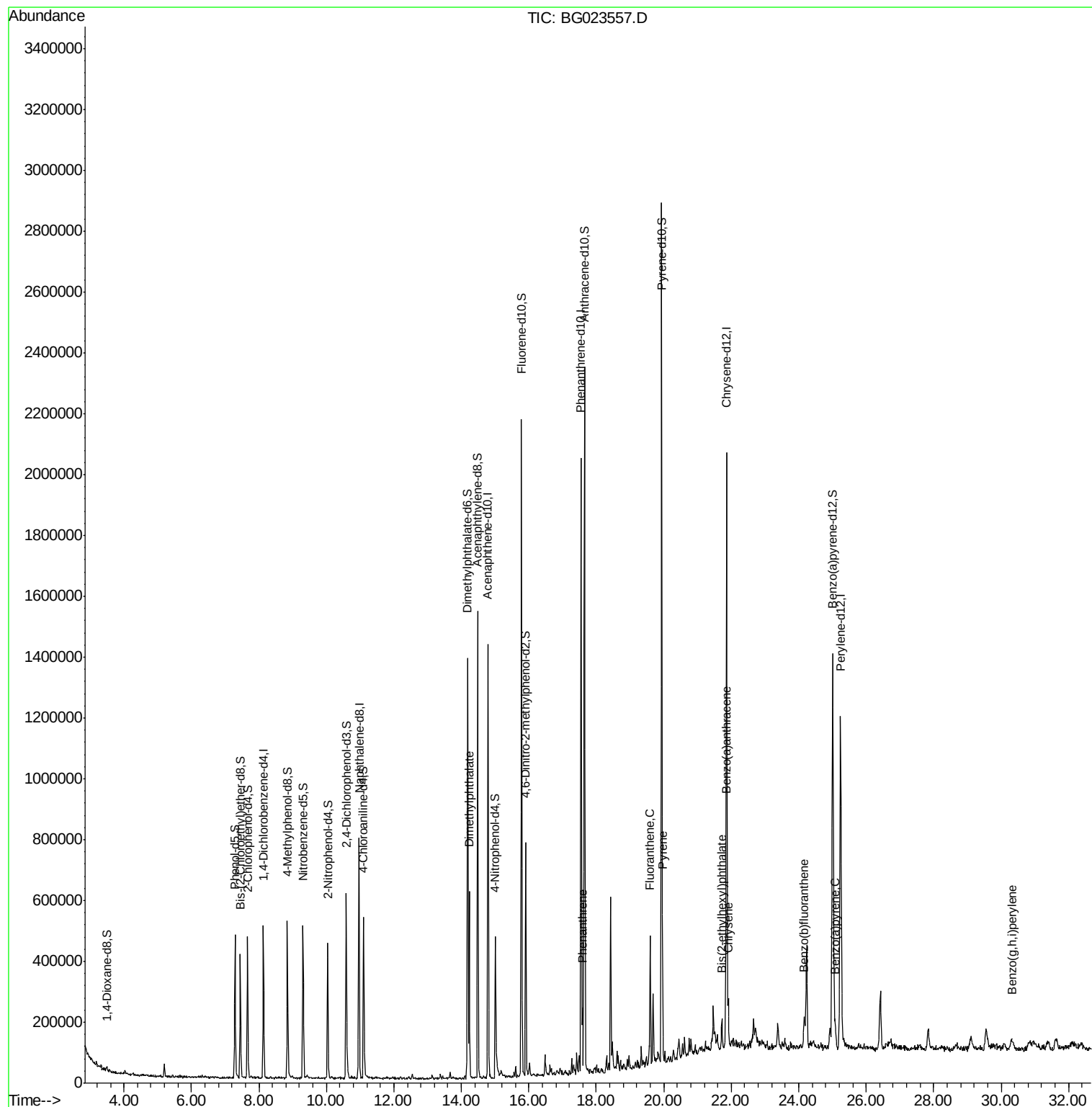
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023557.D
Acq On : 9 Aug 2016 15:30
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ALS Vial : 4 Sample Multiplier: 1

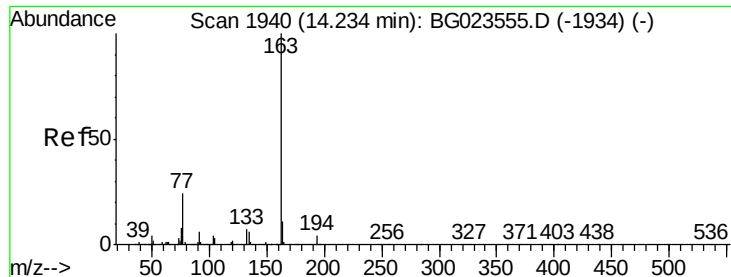
Instrument :
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PR001-SS005-0002-01

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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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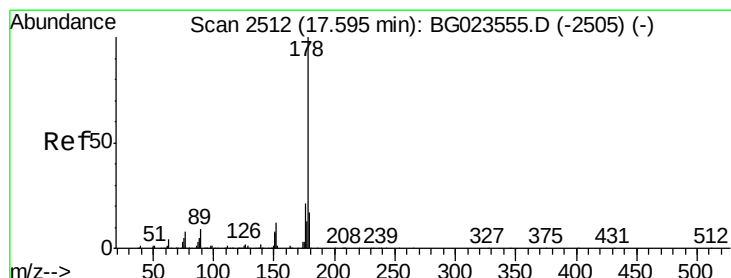
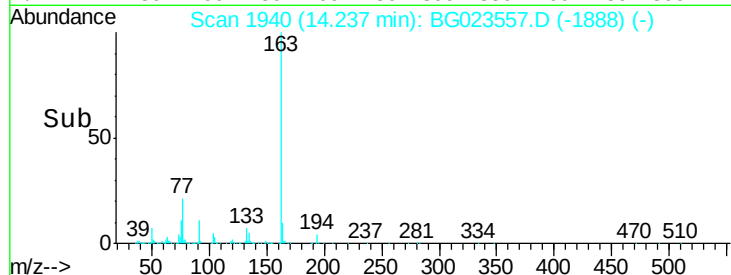
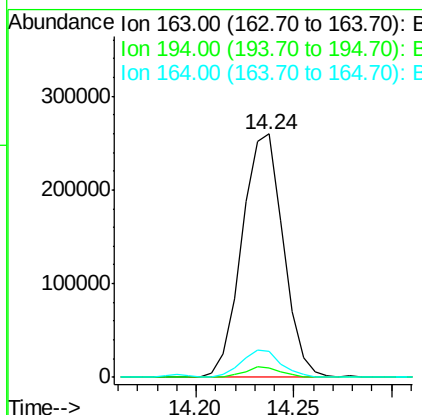
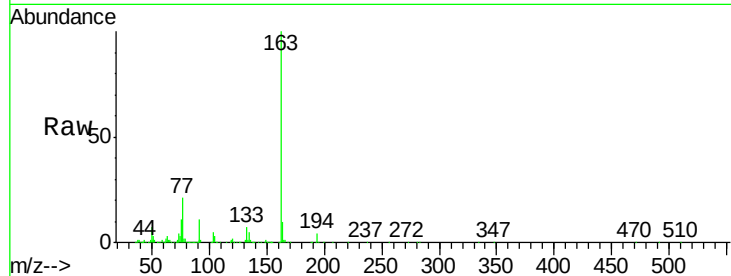
#44
Dimethylphthalate
Concen: 9.34 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG023557.D
Acq: 9 Aug 2016 15:30

Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0002-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	380087		
194	4.0		3.4	5.2
164	10.4		8.8	13.2

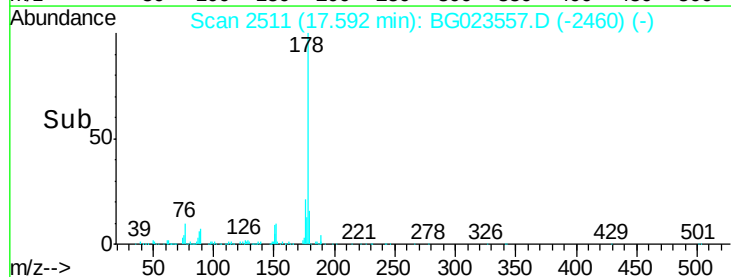
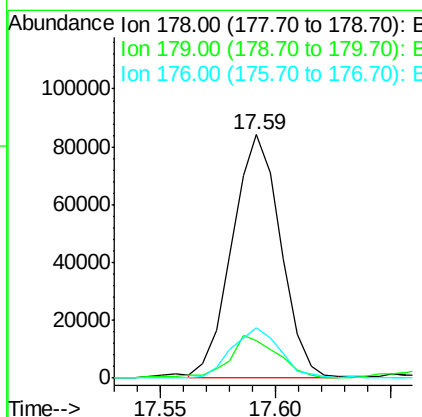
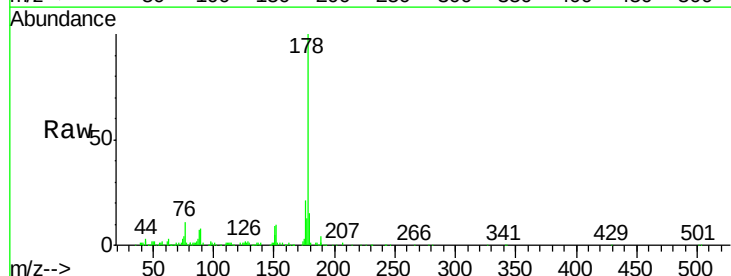
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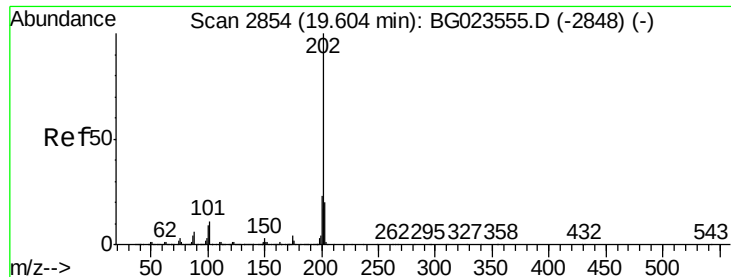
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#69
Phenanthrene
Concen: 1.99 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG023557.D
Acq: 9 Aug 2016 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	123589		
179	15.5		12.9	19.3
176	20.9		15.8	23.8





#74

Fluoranthene

Concen: 3.82 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

Instrument :

BNA_G

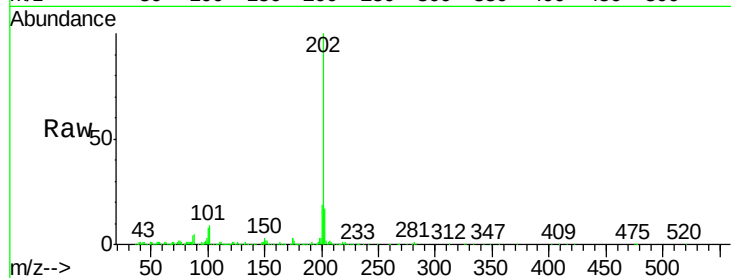
ClientSampleId :

PR001-SS005-0002-01

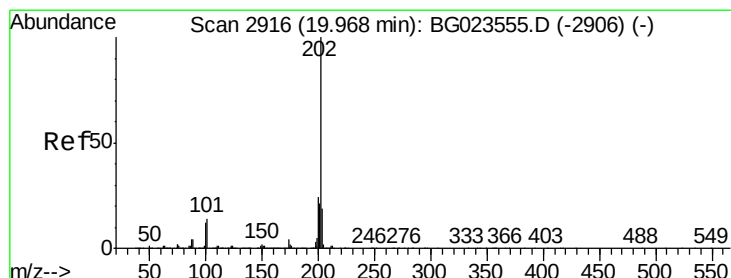
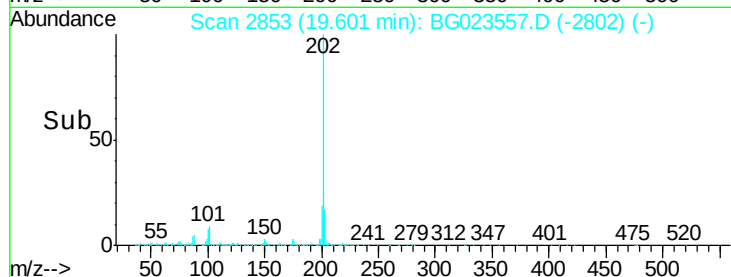
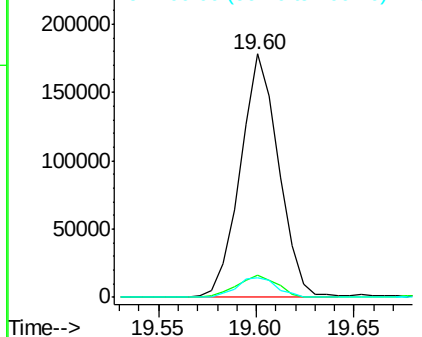
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.9	10.6	16.0#
100	8.1	8.7	13.1#

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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): B



#77

Pyrene

Concen: 3.34 ng/ul

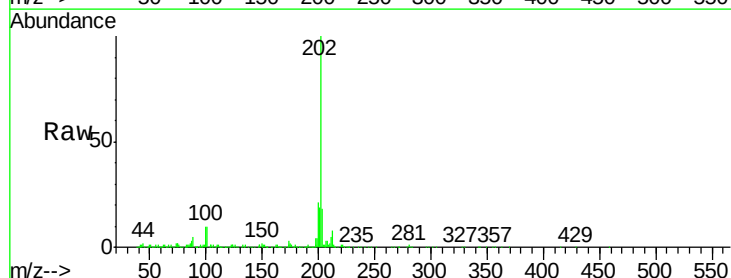
RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

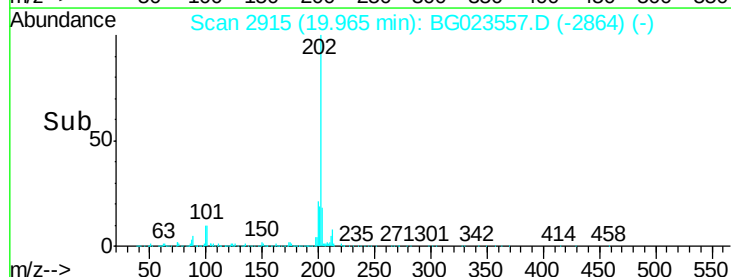
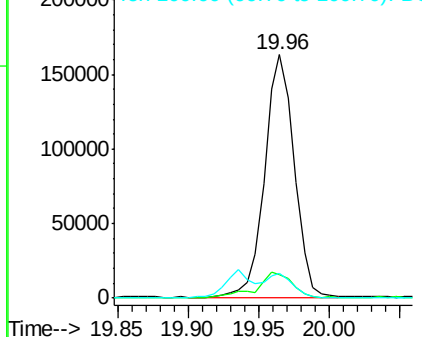
Lab File: BG023557.D

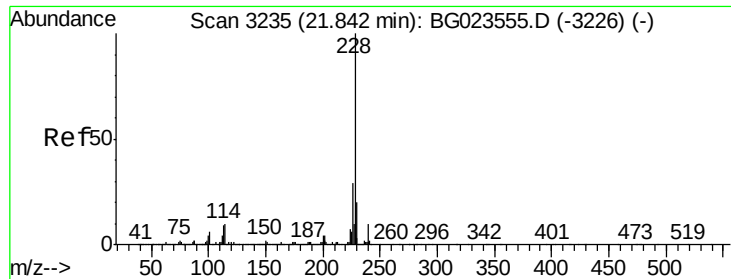
Acq: 9 Aug 2016 15:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	12.5	18.7#
100	10.3	10.2	15.4



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): B





#80

Benzo(a)anthracene

Concen: 1.48 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

Instrument :

BNA_G

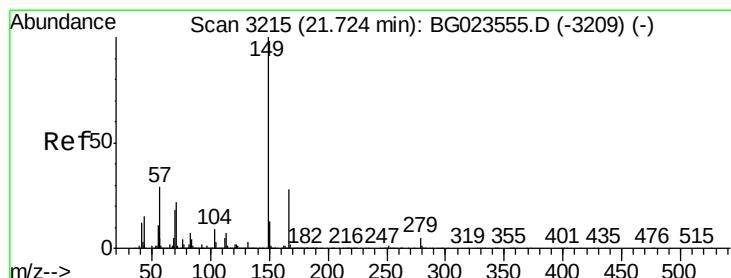
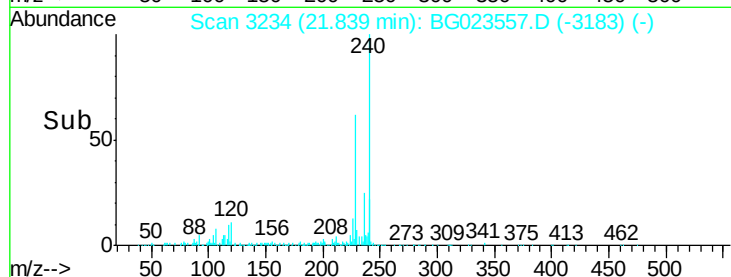
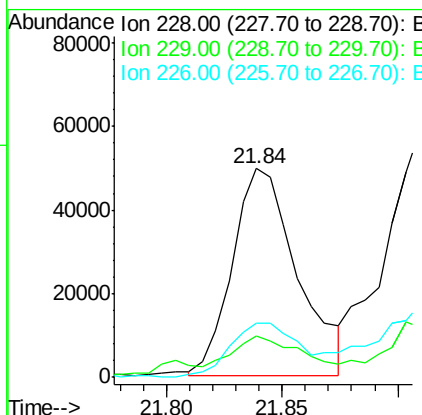
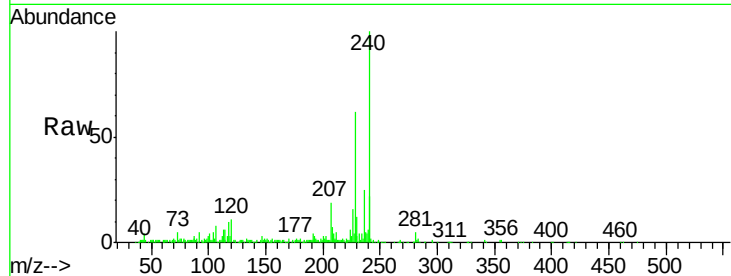
ClientSampleId :

PR001-SS005-0002-01

Tgt Ion:	228	Resp:	97265
Ion Ratio	Lower	Upper	
228	100		
229	19.6	15.4	23.2
226	25.9	22.8	34.2

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#81

Bis(2-ethylhexyl)phthalate

Concen: 1.11 ng/ul

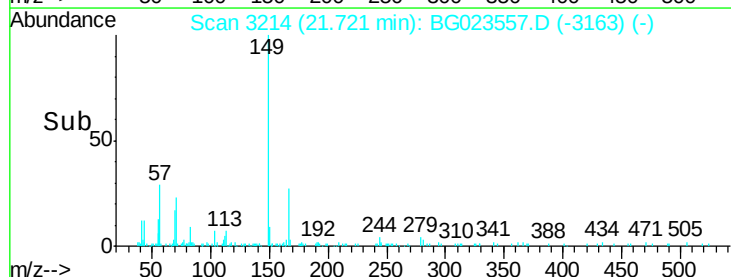
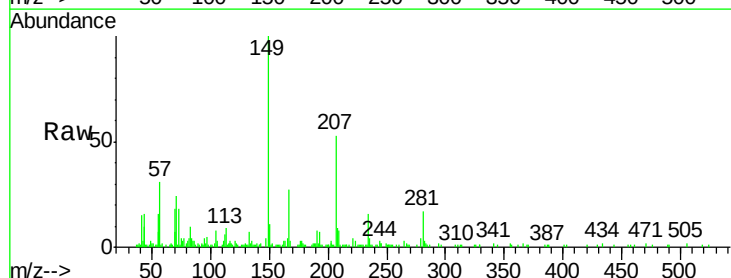
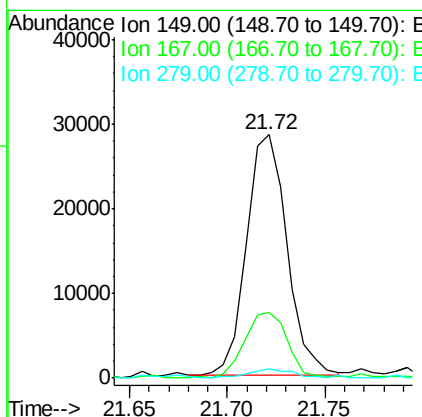
RT: 21.72 min Scan# 3214

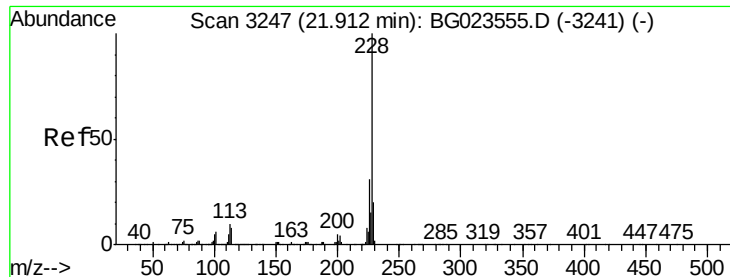
Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

Tgt Ion:	149	Resp:	41075
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.9	32.9
279	3.6	2.9	4.3





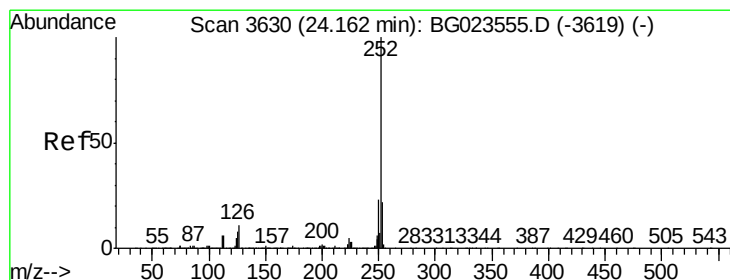
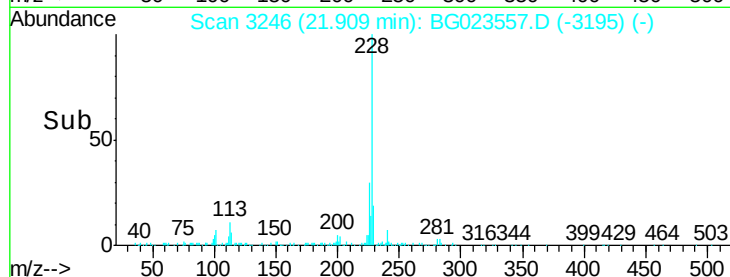
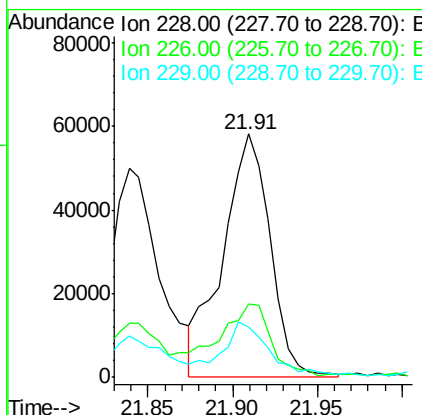
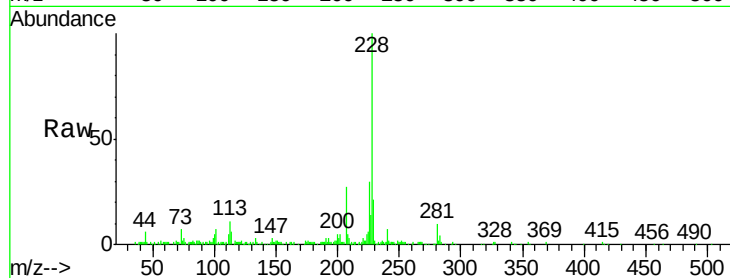
#82
Chrysene
 Concen: 1.88 ng/ul
 RT: 21.91 min Scan# 3246
 Delta R.T. -0.00 min
 Lab File: BG023557.D
 Acq: 9 Aug 2016 15:30

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0002-01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	20.8	15.0	22.6

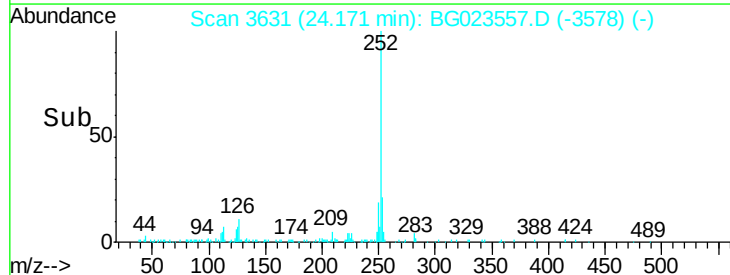
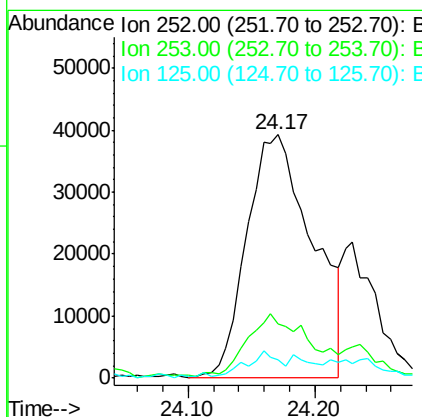
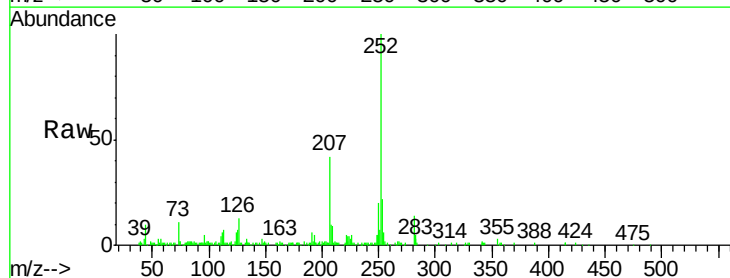
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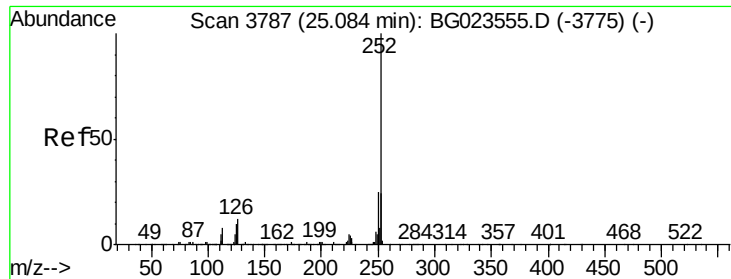
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#85
Benzo(b)fluoranthene
 Concen: 2.13 ng/ul
 RT: 24.17 min Scan# 3631
 Delta R.T. 0.01 min
 Lab File: BG023557.D
 Acq: 9 Aug 2016 15:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	7.3	10.8	16.2#





#88

Benzo(a)pyrene

Concen: 1.50 ng/ul m

RT: 25.08 min Scan# 3786

Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

Instrument :

BNA_G

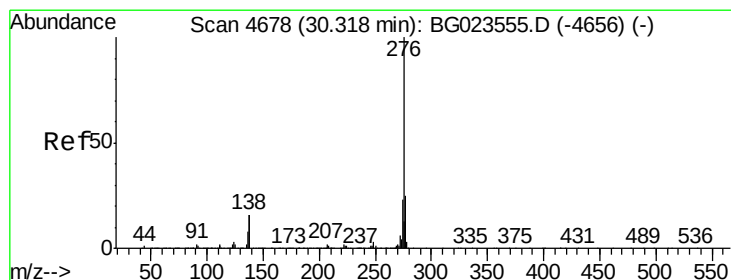
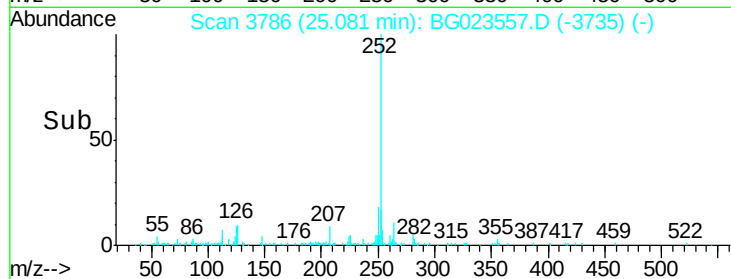
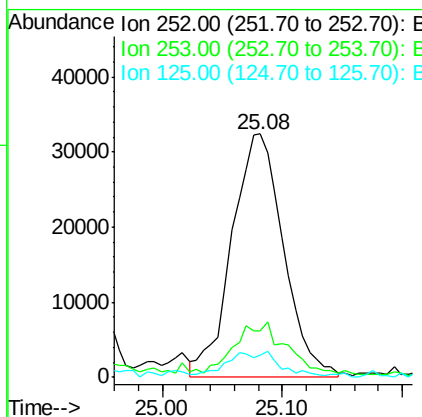
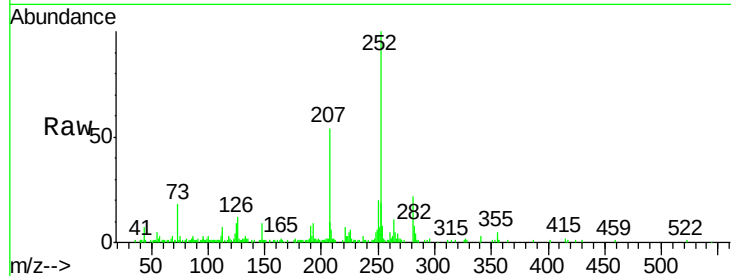
ClientSampleId :

PR001-SS005-0002-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.1	19.0	28.4
125	9.4	12.0	18.0#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 1.05 ng/ul m

RT: 30.32 min Scan# 4677

Delta R.T. -0.00 min

Lab File: BG023557.D

Acq: 9 Aug 2016 15:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.2	22.1	33.1#
277	20.8	17.0	25.4

