

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023575.D
 Acq On : 10 Aug 2016 3:10
 Operator : UM/SJ
 Sample : H4362-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0206-01

Quant Time: Aug 10 05:05:44 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	131274	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	619193	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	463763	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1167310	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1205886	20.00	ng/ul	0.01
83) Perylene-d12	25.29	264	1131719	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	4776	1.55	ng/uL	0.00
5) Phenol-d5	7.29	99	243231	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	157002	18.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	167224	18.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	167155	16.19	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	594	0.12	ng/ul	0.07
22) 2-Nitrophenol-d4	10.04	143	99137	17.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	185460	17.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	171554	13.83	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	704983	18.57	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	813967	19.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	92286	14.24	ng/ul	0.01
57) Fluorene-d10	15.79	176	677731	19.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	121338	16.20	ng/ul	0.00
70) Anthracene-d10	17.66	188	1039199	19.76	ng/ul	0.00
76) Pyrene-d10	19.95	212	1215953	19.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	1032023	20.15	ng/ul	0.04

Target Compounds

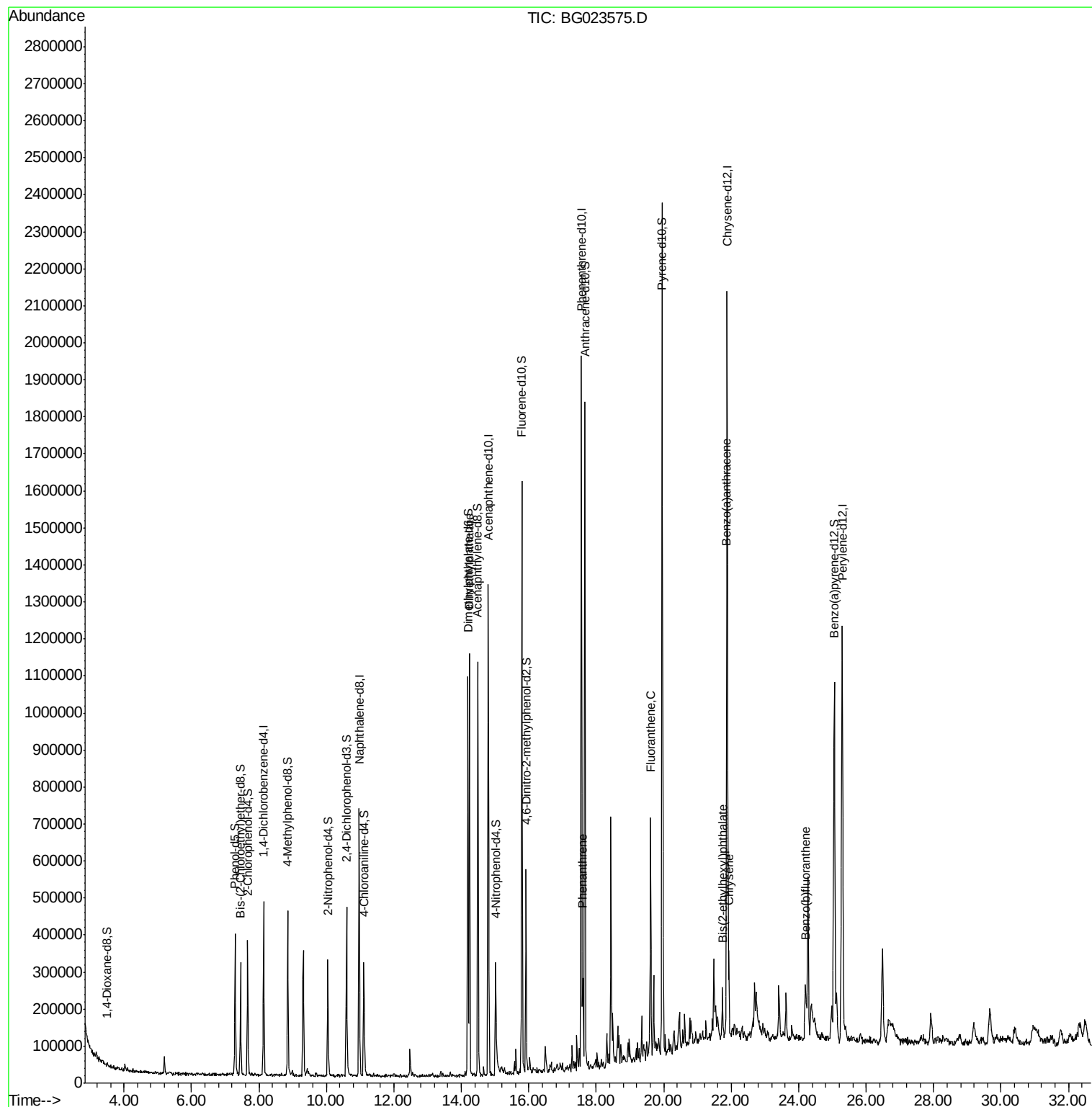
						Qvalue
44) Dimethylphthalate	14.24	163	732628	19.48	ng/ul	99
69) Phenanthrene	17.60	178	189667	3.14	ng/ul	96
74) Fluoranthene	19.61	202	353600	5.71	ng/ul#	91
80) Benzo(a)anthracene	21.86	228	137161	2.02	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.74	149	54177	1.42	ng/ul#	98
82) Chrysene	21.93	228	173236	2.81	ng/ul	98
85) Benzo(b)fluoranthene	24.19	252	179983	2.80	ng/ul#	94

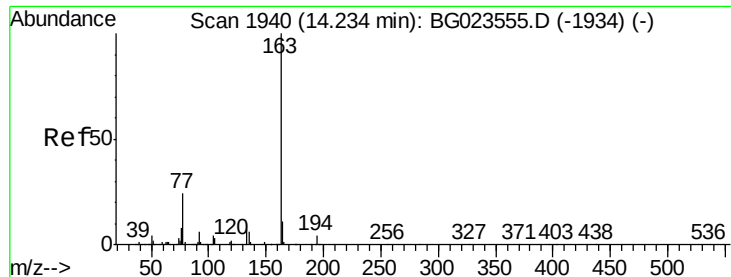
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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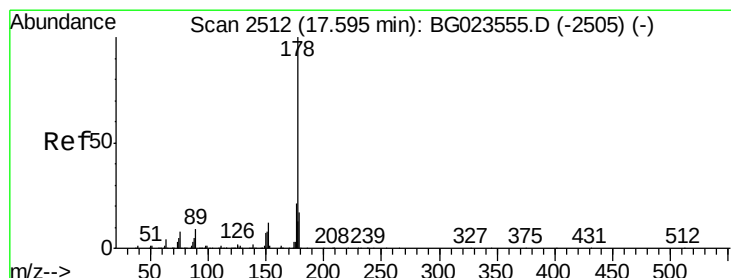
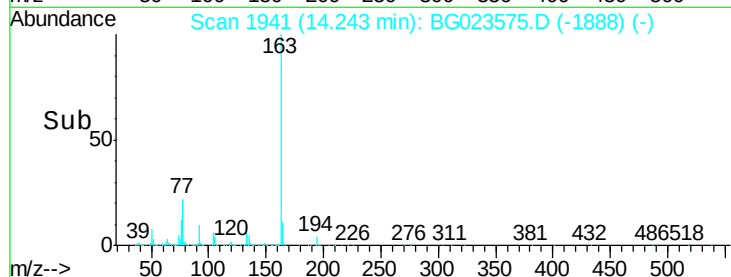
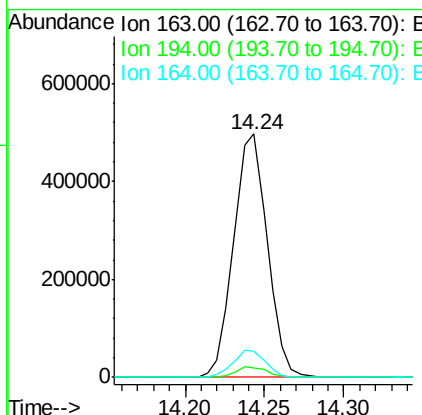
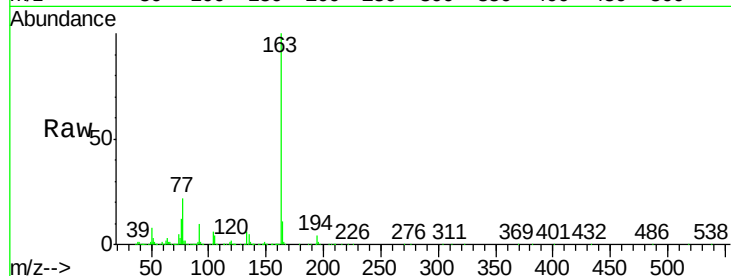




#44
Dimethylphthalate
Concen: 19.48 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BG023575.D
Acq: 10 Aug 2016 3:10

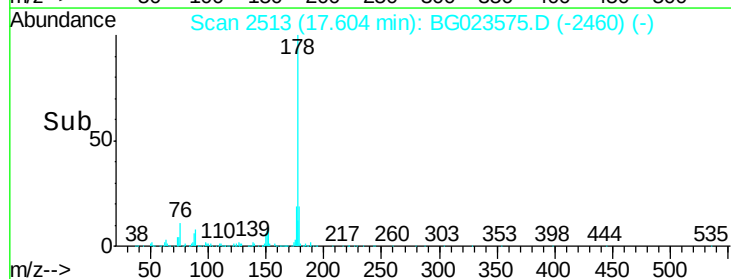
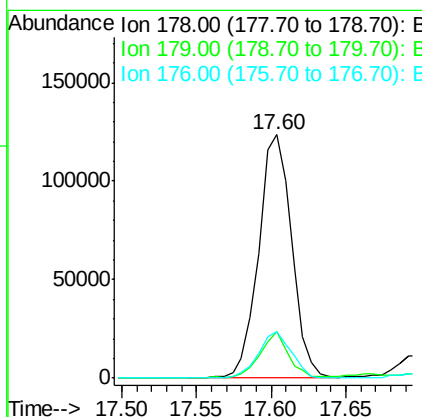
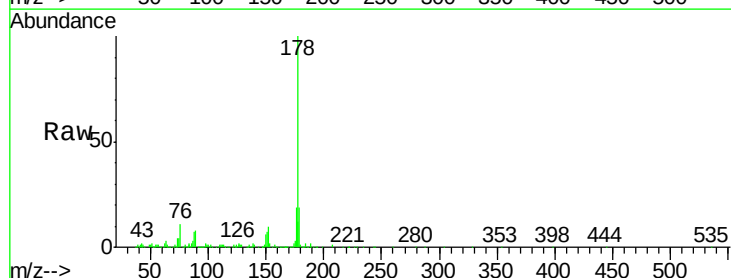
Instrument :
BNA_G
ClientSampleId :
PR001-SS005-0206-01

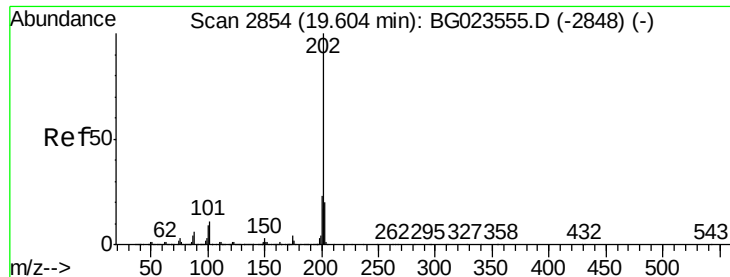
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.5	8.8	13.2



#69
Phenanthrene
Concen: 3.14 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.01 min
Lab File: BG023575.D
Acq: 10 Aug 2016 3:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.9	19.3
176	18.9	15.8	23.8





#74

Fluoranthene

Concen: 5.71 ng/ul

RT: 19.61 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BG023575.D

Acq: 10 Aug 2016 3:10

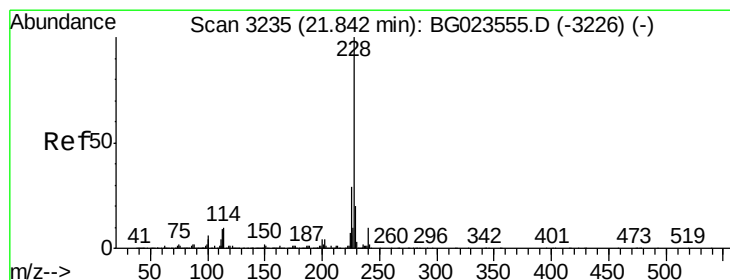
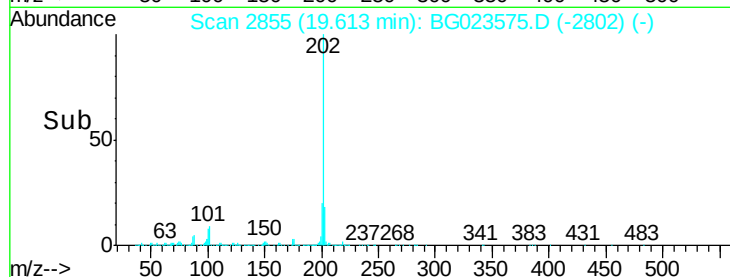
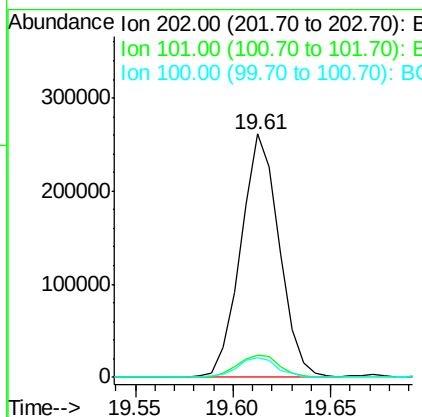
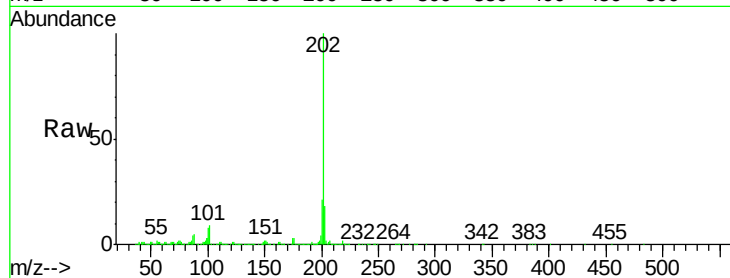
Instrument :

BNA_G

ClientSampleId :

PR001-SS005-0206-01

Tgt Ion:	202	Resp:	353600
Ion Ratio	Lower	Upper	
202	100		
101	9.2	10.6	16.0#
100	8.1	8.7	13.1#



#80

Benzo(a)anthracene

Concen: 2.02 ng/ul

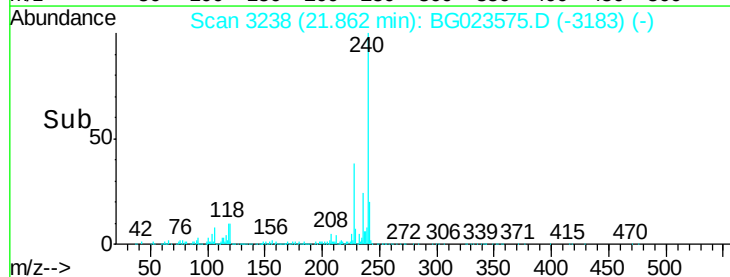
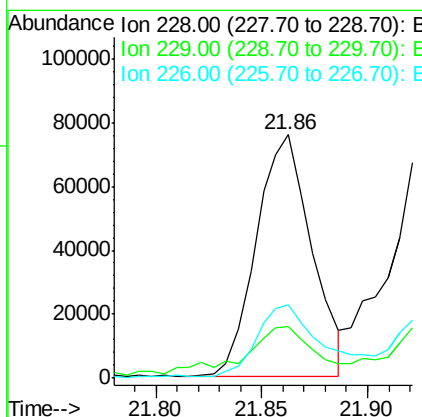
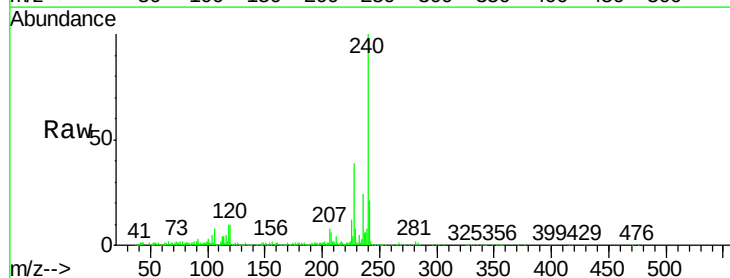
RT: 21.86 min Scan# 3238

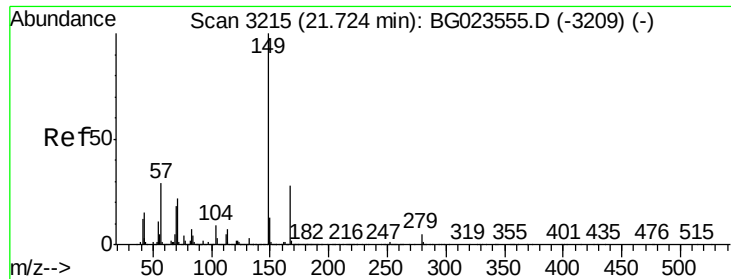
Delta R.T. 0.02 min

Lab File: BG023575.D

Acq: 10 Aug 2016 3:10

Tgt Ion:	228	Resp:	137161
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.4	23.2
226	30.2	22.8	34.2

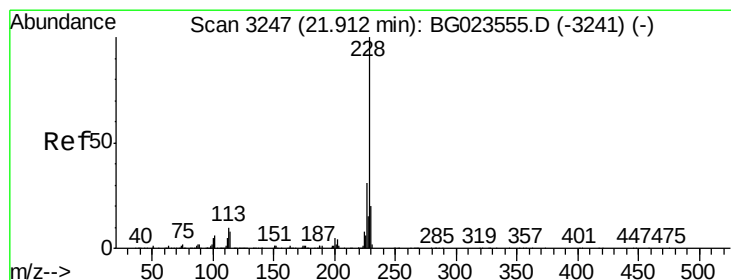
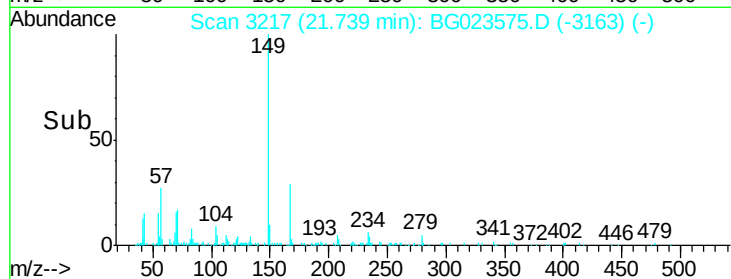
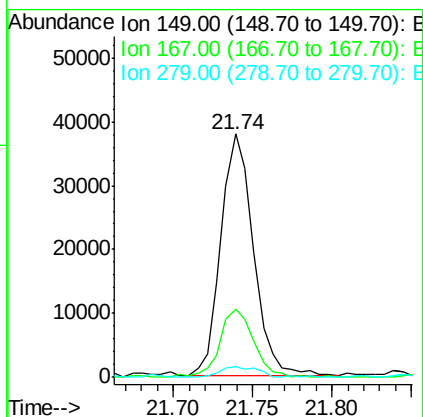
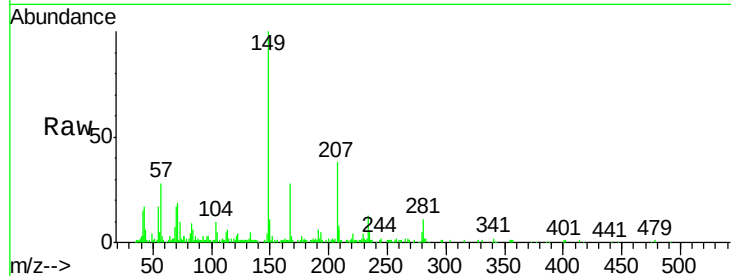




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.42 ng/ul
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG023575.D
 Acq: 10 Aug 2016 3:10

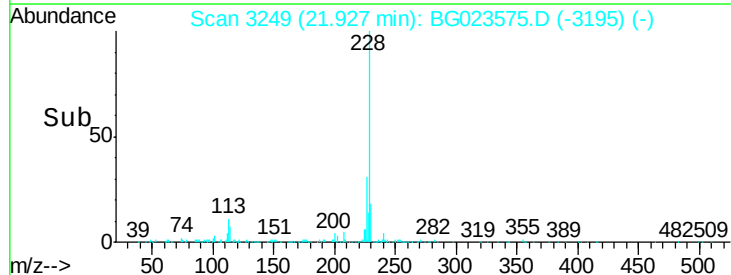
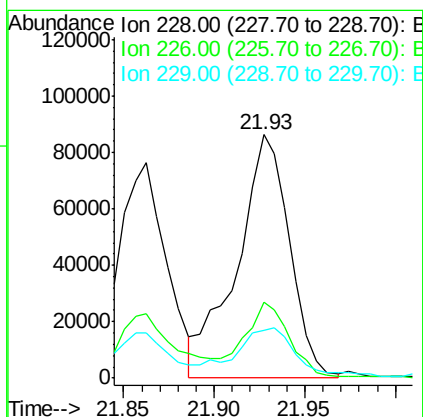
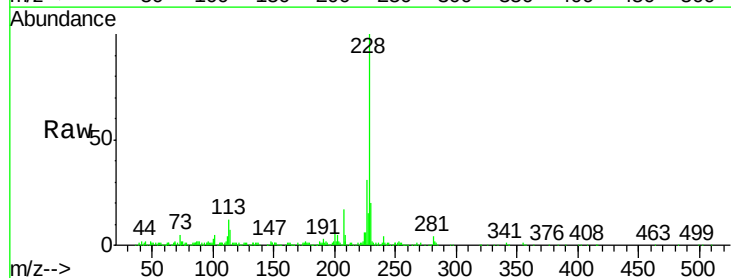
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS005-0206-01

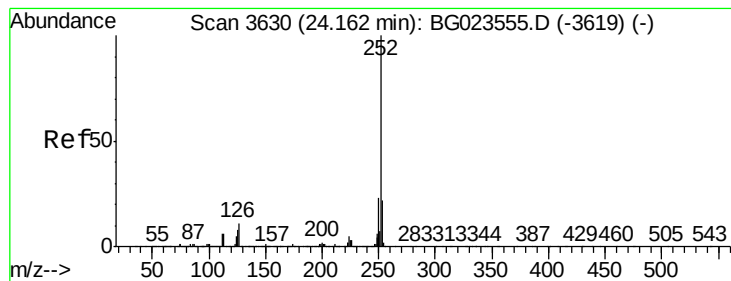
Tgt Ion	Resp	Lower	Upper
149	100		
167	28.1	21.9	32.9
279	4.6	2.9	4.3#



#82
 Chrysene
 Concen: 2.81 ng/ul
 RT: 21.93 min Scan# 3249
 Delta R.T. 0.01 min
 Lab File: BG023575.D
 Acq: 10 Aug 2016 3:10

Tgt Ion	Resp	Lower	Upper
228	100		
226	31.4	24.2	36.4
229	19.8	15.0	22.6





#85

Benzo(b)fluoranthene

Concen: 2.80 ng/ul

RT: 24.19 min Scan# 3635

Delta R.T. 0.03 min

Lab File: BG023575.D

Acq: 10 Aug 2016 3:10

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	252	Resp:	179983
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	7.7	10.8	16.2#

