

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
 Data File : BG022095.D
 Acq On : 27 May 2016 00:30
 Operator : UM/SJ
 Sample : H3201-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Manual Integrations
 APPROVED

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Quant Time: May 27 12:01:39 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 05:50:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	203664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	105355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	202598	20.00	ng/ul	0.01
75) Chrysene-d12	21.96	240	207716m	20.00	ng/ul	0.16
83) Perylene-d12	25.44	264	254058m	20.00	ng/ul	0.32

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.32	99	32596	8.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	15653	7.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	30765	9.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	29729	8.69	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	15564	10.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	18302	11.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	30220	10.53	ng/ul	0.01
29) 4-Chloroaniline-d4	11.12	131	2018m	0.65	ng/ul	0.01
43) Dimethylphthalate-d6	14.17	166	96417	12.18	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	130326	11.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	6250	4.59	ng/ul	0.02
57) Fluorene-d10	15.77	176	81970	11.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	3145	2.97	ng/ul	0.00
70) Anthracene-d10	17.64	188	117455	12.08	ng/ul	0.02
76) Pyrene-d10	19.98	212	127729m	10.90	ng/ul	0.08
87) Benzo(a)pyrene-d12	25.20	264	151205m	12.83	ng/ul	0.30

Target Compounds

						Ovalue
44) Dimethylphthalate	14.22	163	49040	6.17	ng/ul	98
69) Phenanthrene	17.58	178	148743	13.20	ng/ul#	71
74) Fluoranthene	19.64	202	584908	50.79	ng/ul#	94
77) Pyrene	20.01	202	396163m	27.11	ng/ul	
80) Benzo(a)anthracene	21.95	228	123598m	10.15	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.78	149	521261m	52.88	ng/ul	
82) Chrysene	22.00	228	176226m	15.08	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.35	276	108225m	6.58	ng/ul	
91) Benzo(a,h,i)perylene	30.55	276	86425m	6.56	ng/ul	

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

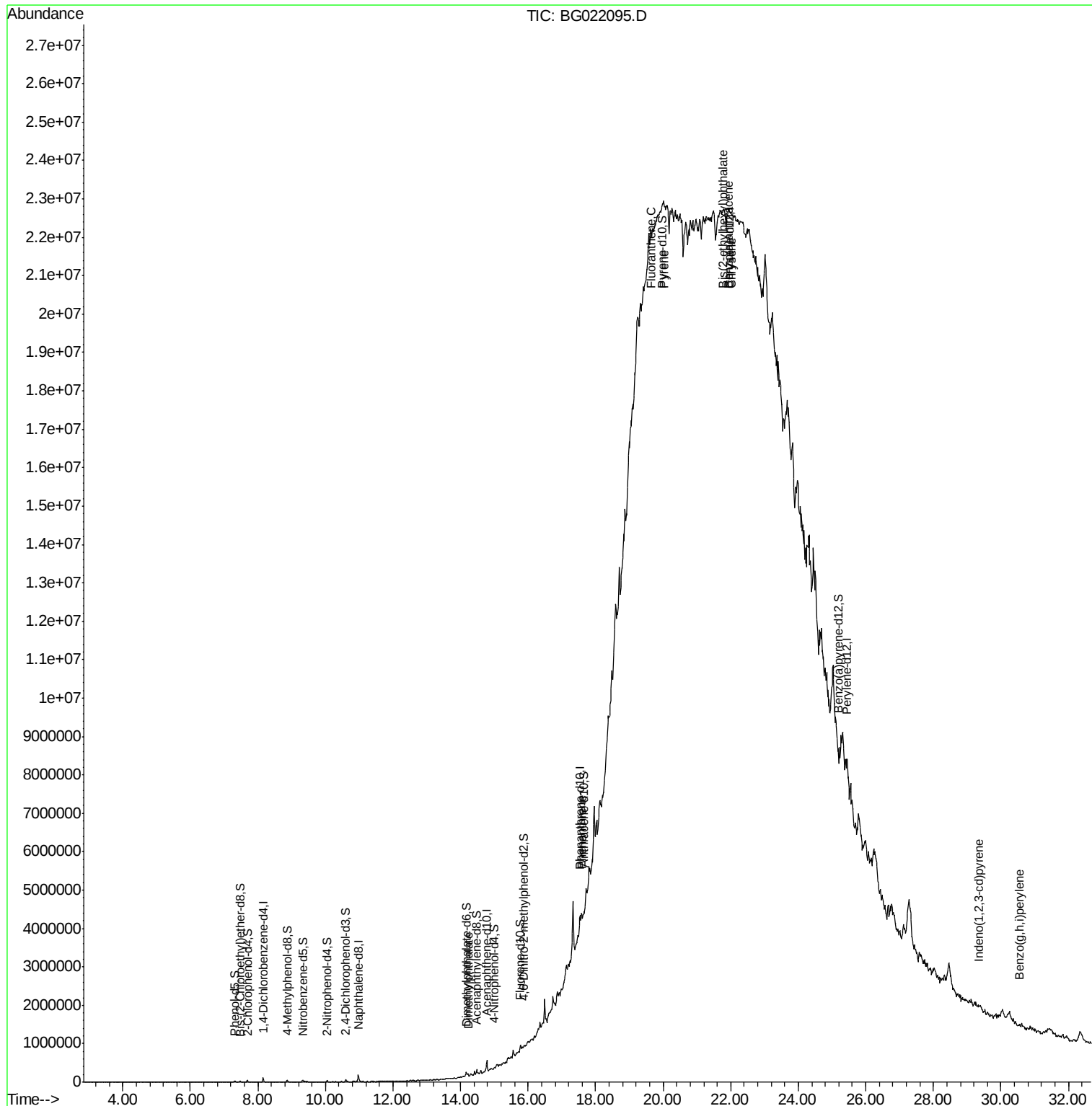
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
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ALS Vial : 24 Sample Multiplier: 1

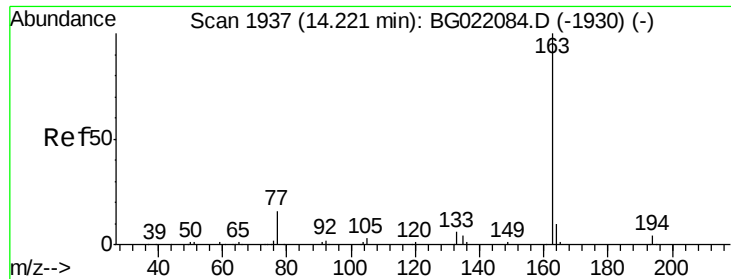
Instrument :
BNA_G
ClientSampleId :
BCZK2

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Quant Time: May 27 12:01:39 2016
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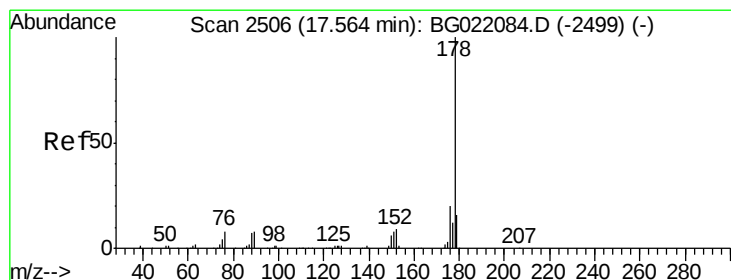
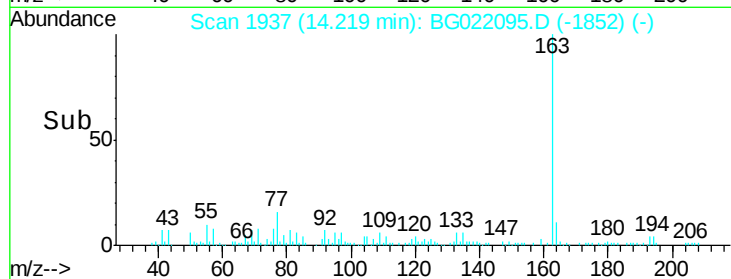
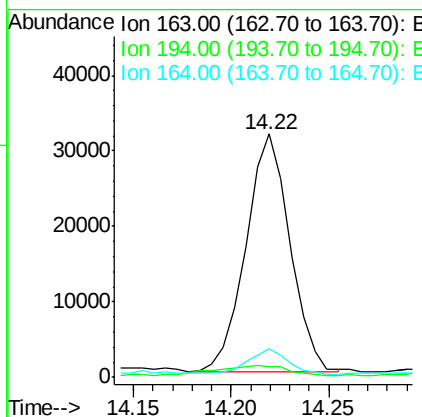
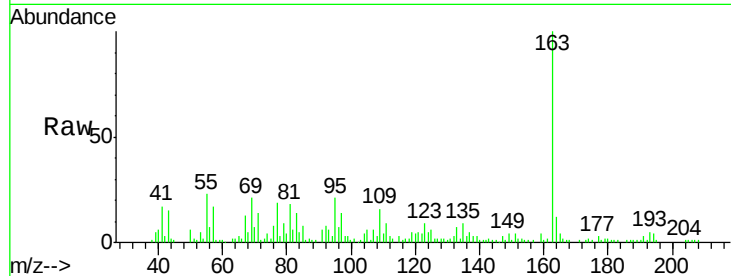
#44
Dimethylphthalate
Concen: 6.17 ng/ul
RT: 14.22 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG022095.D
Acq: 27 May 2016 00:30

Instrument :
BNA_G
ClientSampleId :
BCZK2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	11.8	8.8	13.2

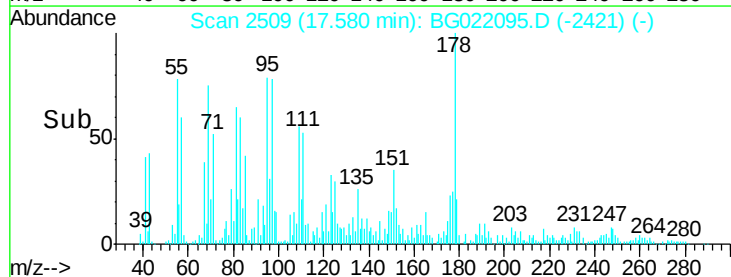
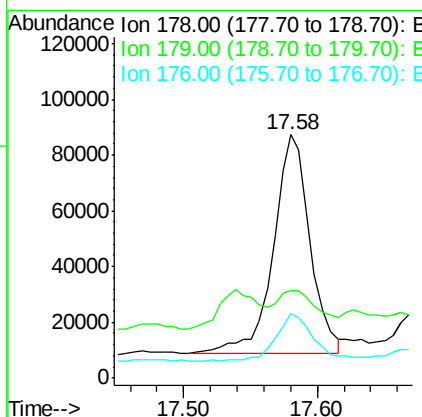
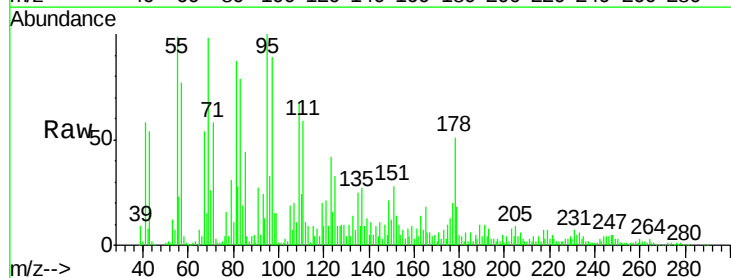
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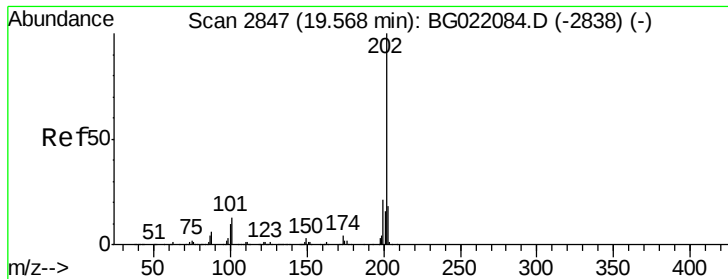
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#69
Phenanthrene
Concen: 13.20 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. 0.02 min
Lab File: BG022095.D
Acq: 27 May 2016 00:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	35.9	12.9	19.3#
176	26.4	15.8	23.8#





#74

Fluoranthene

Concen: 50.79 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. 0.07 min

Lab File: BG022095.D

Acq: 27 May 2016 00:30

Instrument :

BNA_G

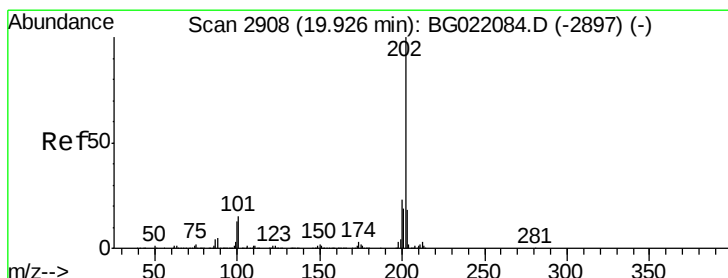
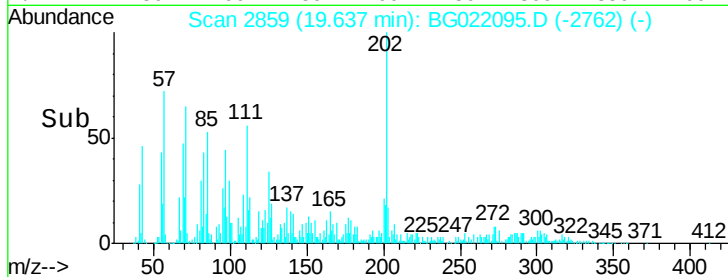
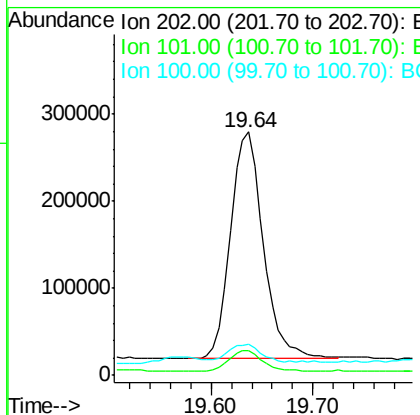
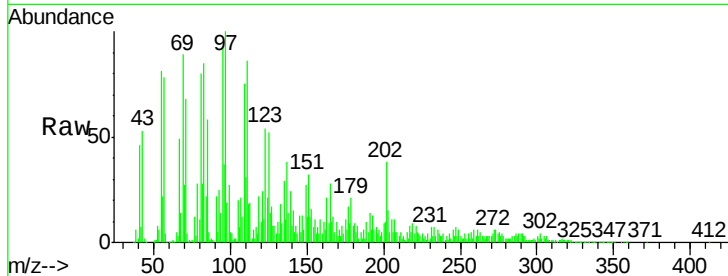
ClientSampleId :

BCZK2

Tot Ion:	202	Resp:	584908
Ion Ratio	Lower	Upper	
202	100		
101	10.3	10.6	16.0#
100	12.7	8.7	13.1

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#77

Pyrene

Concen: 27.11 ng/ul m

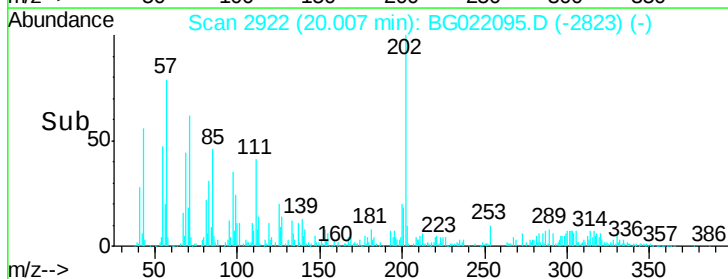
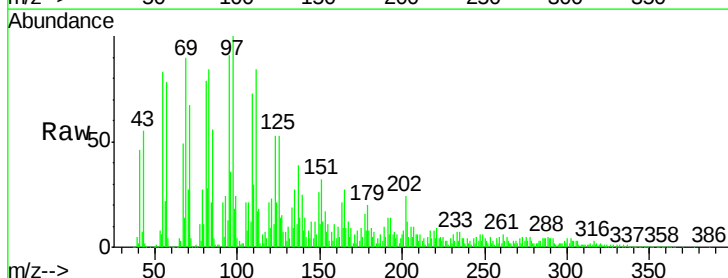
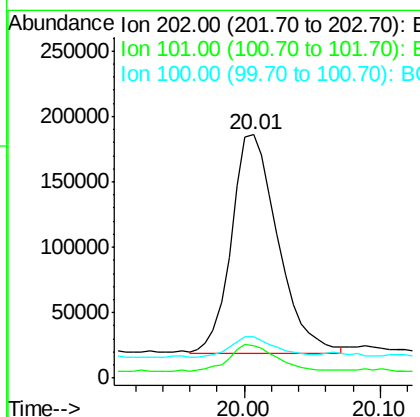
RT: 20.01 min Scan# 2922

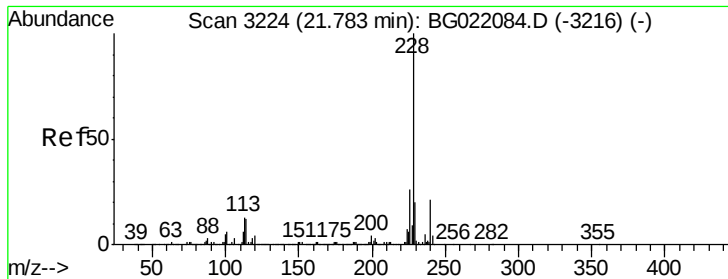
Delta R.T. 0.08 min

Lab File: BG022095.D

Acq: 27 May 2016 00:30

Tgt Ion:	202	Resp:	396163
Ion Ratio	Lower	Upper	
202	100		
101	13.1	12.5	18.7
100	17.0	10.2	15.4#





#80

Benzo(a)anthracene

Concen: 10.15 ng/ul m

RT: 21.95 min Scan# 3252

Delta R.T. 0.16 min

Lab File: BG022095.D

Acq: 27 May 2016 00:30

Instrument :

BNA_G

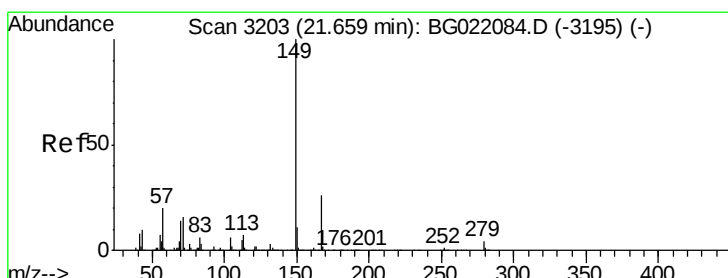
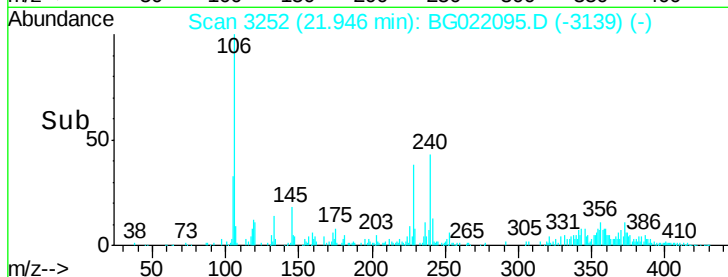
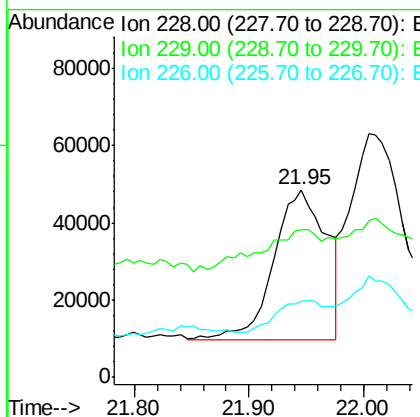
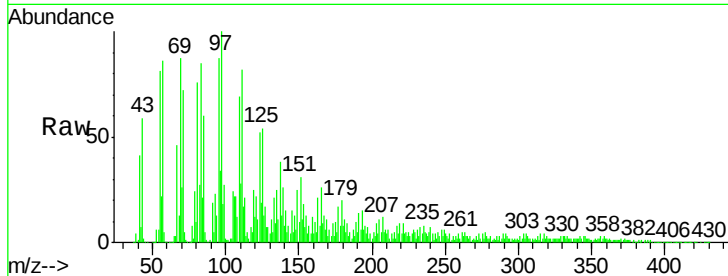
ClientSampleId :

BCZK2

Tot Ion:	228	Resp:	123598
Ion Ratio	Lower	Upper	
228	100		
229	78.8	15.4	23.2#
226	40.6	22.8	34.2#

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#81

Bis(2-ethylhexyl)phthalate

Concen: 52.88 ng/ul m

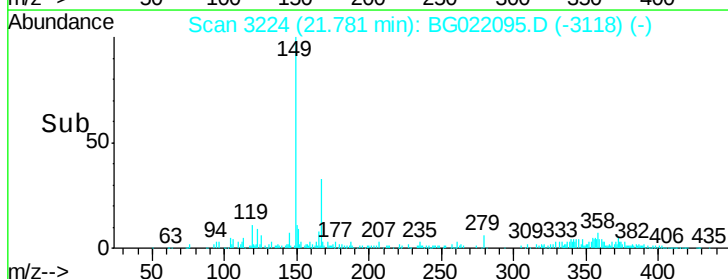
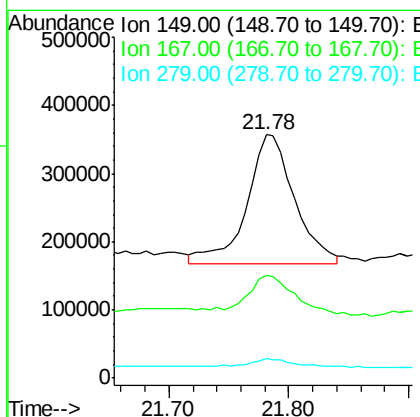
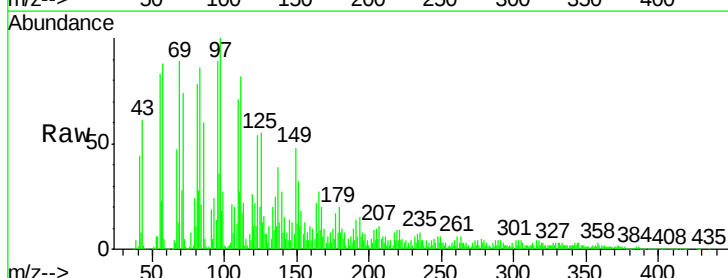
RT: 21.78 min Scan# 3224

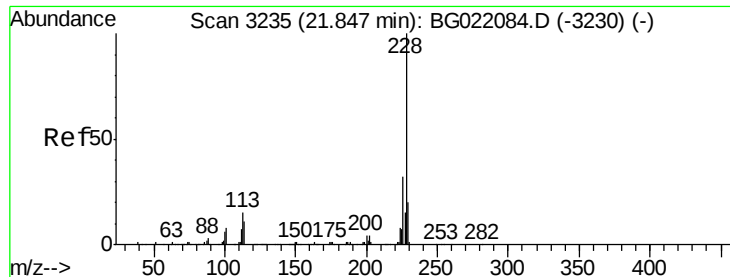
Delta R.T. 0.12 min

Lab File: BG022095.D

Acq: 27 May 2016 00:30

Tgt Ion:	149	Resp:	521261
Ion Ratio	Lower	Upper	
149	100		
167	42.1	21.9	32.9#
279	7.8	2.9	4.3#





#82

Chrysene

Concen: 15.08 ng/ul m

RT: 22.00 min Scan# 3262

Delta R.T. 0.16 min

Lab File: BG022095.D

Acq: 27 May 2016 00:30

Instrument :

BNA_G

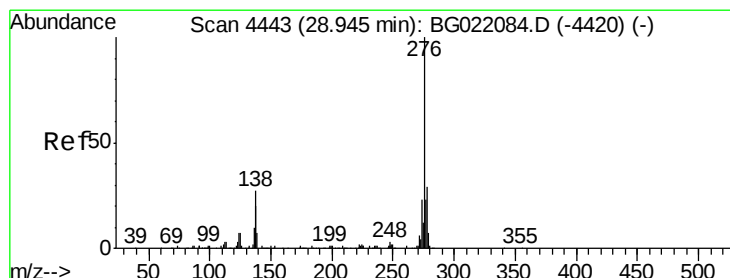
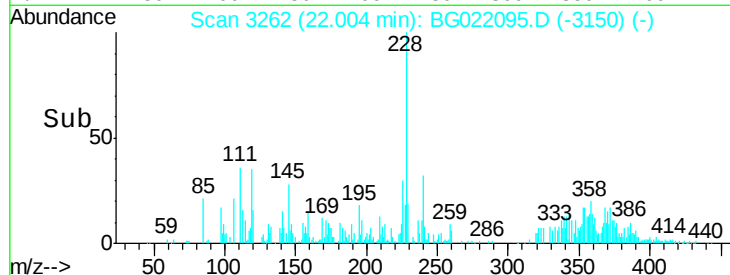
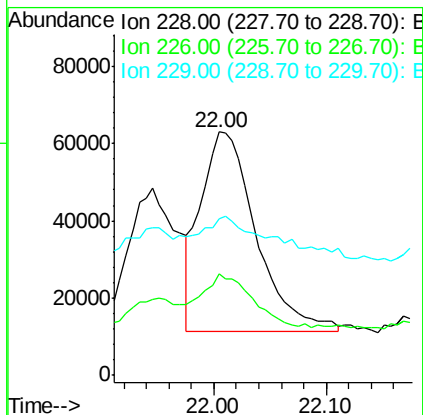
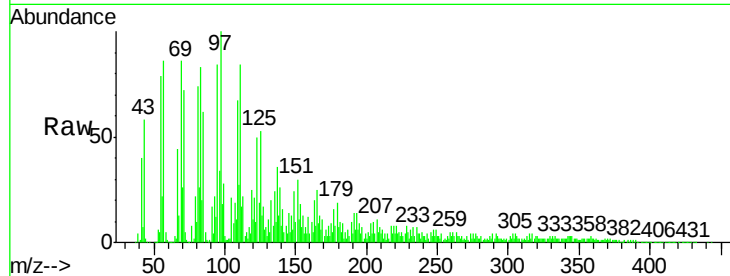
ClientSampled :

BCZK2

Tot Ion:	228	Resp:	176226
Ion Ratio	Lower	Upper	
228	100		
226	41.5	24.2	36.4#
229	64.2	15.0	22.6#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 6.58 ng/ul m

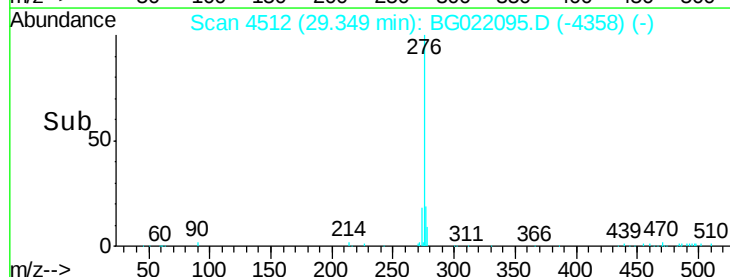
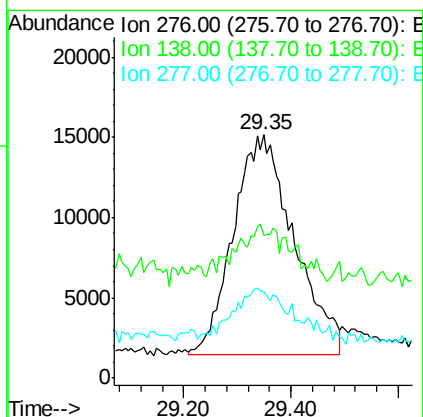
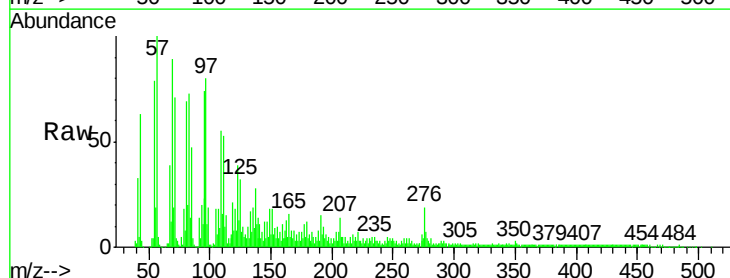
RT: 29.35 min Scan# 4512

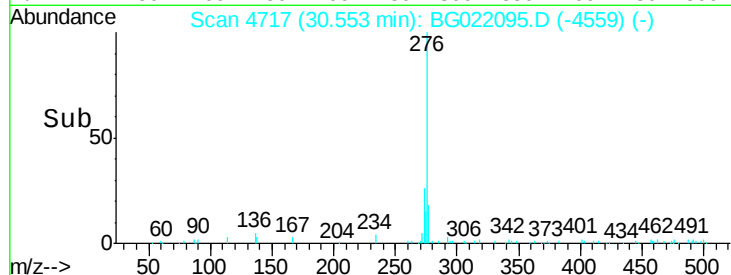
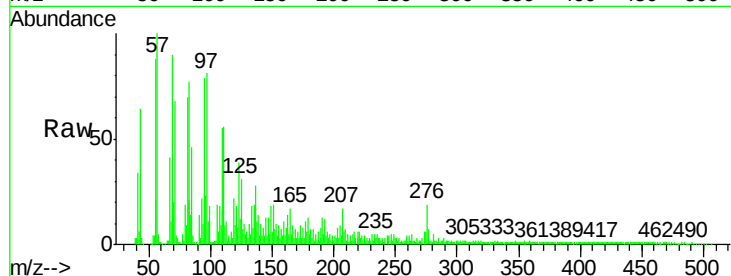
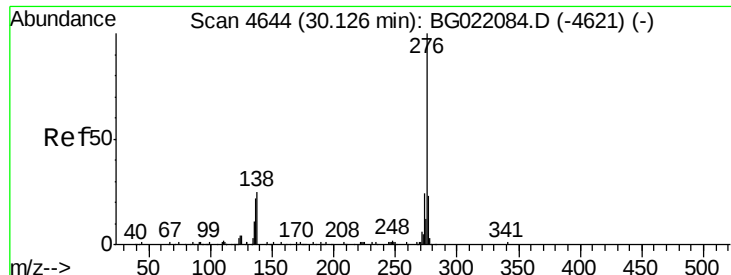
Delta R.T. 0.40 min

Lab File: BG022095.D

Acq: 27 May 2016 00:30

Tgt Ion:	276	Resp:	108225
Ion Ratio	Lower	Upper	
276	100		
138	58.8	20.8	31.2#
277	35.3	17.6	26.4#





#91
 Benzo(a,h,i)perylene
 Concen: 6.56 ng/ul m
 RT: 30.55 min Scan# 4717
 Delta R.T. 0.43 min
 Lab File: BG022095.D
 Acq: 27 May 2016 00:30

Instrument :
 BNA_G
 ClientSampleId :
 BCZK2

Tot Ion	Ratio	Lower	Upper
276	100		
138	57.5	22.1	33.1#
277	36.1	17.0	25.4#

Manual Integrations
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