

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
 Data File : BG026202.D
 Acq On : 11 Mar 2017 10:38
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AK2

Manual Integrations
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 3/13/2017 3:34:48 PM

Quant Time: Mar 13 12:11:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 11 00:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	102306	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	457444	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	259428	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.39	188	619524	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	702483	20.00	ng/ul	0.00
85) Perylene-d12	24.83	264	673239	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	5089	2.14	ng/uL	0.00
5) Phenol-d5	7.22	99	146985	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	108017	22.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	117361	19.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	107603	18.10	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	62932	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	49646	18.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	113207	18.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	106	0.01	ng/ul	-0.11
43) Dimethylphthalate-d6	14.06	166	391107	23.18	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	527273	23.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	47196	14.20	ng/ul	0.00
57) Fluorene-d10	15.65	176	392807	23.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	34784	11.97	ng/ul	0.00
70) Anthracene-d10	17.49	188	588282	20.93	ng/ul	0.00
78) Pyrene-d10	19.77	212	690933	23.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	640389	21.58	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.24	94	12231	1.55	ng/ul	94
44) Dimethylphthalate	14.11	163	200135	12.10	ng/ul#	98
69) Phenanthrene	17.44	178	185469	5.65	ng/ul	99
76) Fluoranthene	19.44	202	369860	9.99	ng/ul	99
79) Pyrene	19.80	202	343518	9.59	ng/ul	98
82) Benzo(a)anthracene	21.62	228	225720	5.87	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.52	149	314178	17.17	ng/ul	100
84) Chrysene	21.69	228	261385	7.11	ng/ul	97
87) Benzo(b)fluoranthene	23.82	252	240432	6.44	ng/ul	98
88) Benzo(k)fluoranthene	23.87	252	99920m	2.75	ng/ul	
90) Benzo(a)pyrene	24.68	252	141878	3.87	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.45	276	83600	1.89	ng/ul	93
92) Dibenzo(a,h)anthracene	28.49	278	37578m	1.03	ng/ul	
93) Benzo(g,h,i)perylene	29.58	276	79883	2.17	ng/ul#	91

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

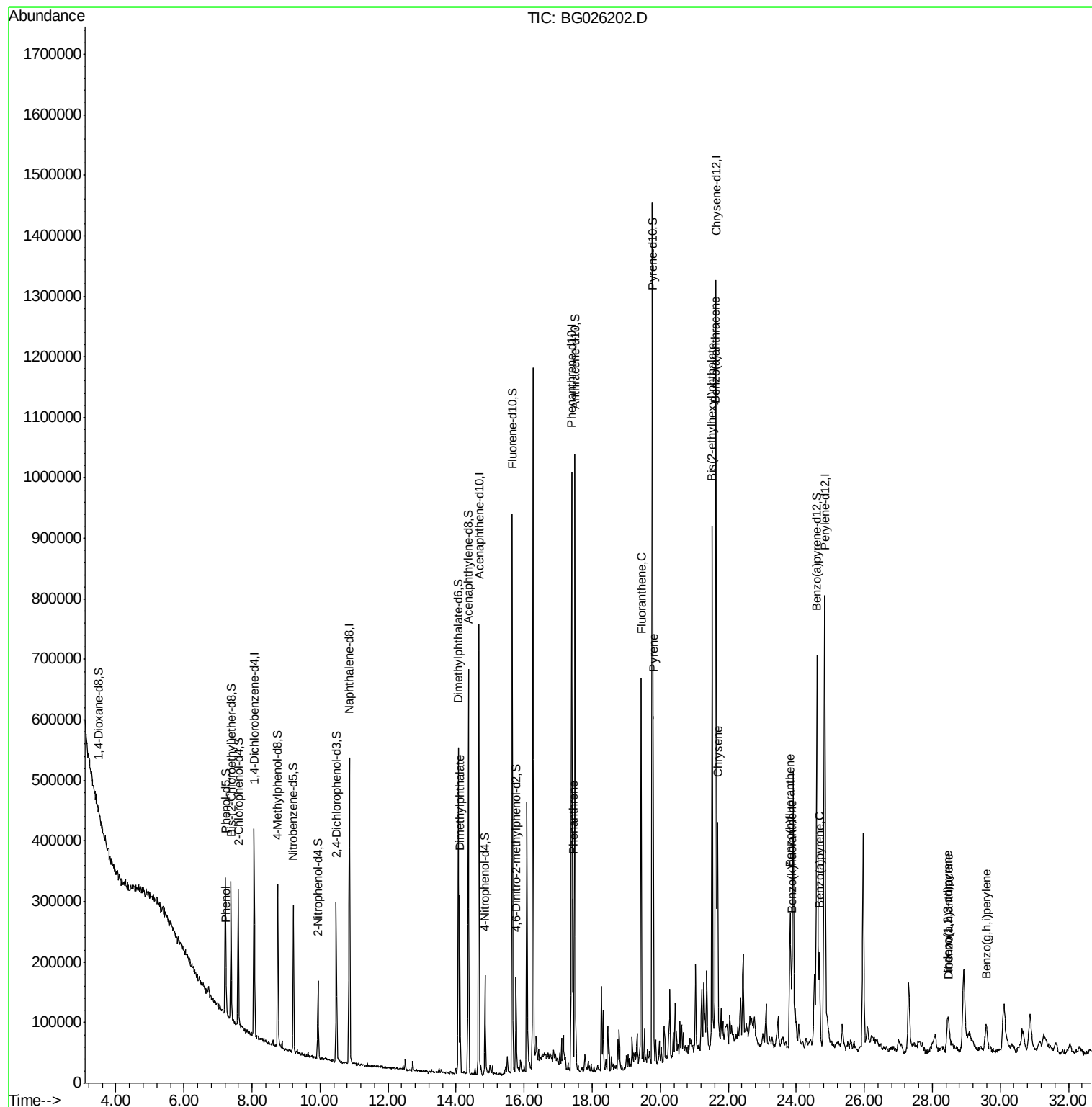
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
Data File : BG026202.D
Acq On : 11 Mar 2017 10:38
Operator : SJ/MA
Sample : I2072-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

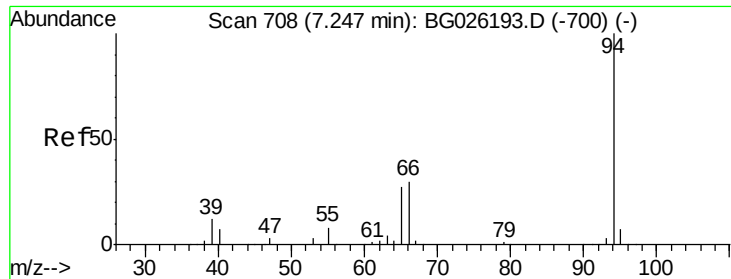
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Mar 13 12:11:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.55 ng/ul

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG026202.D

Acq: 11 Mar 2017 10:38

Instrument :

BNA_G

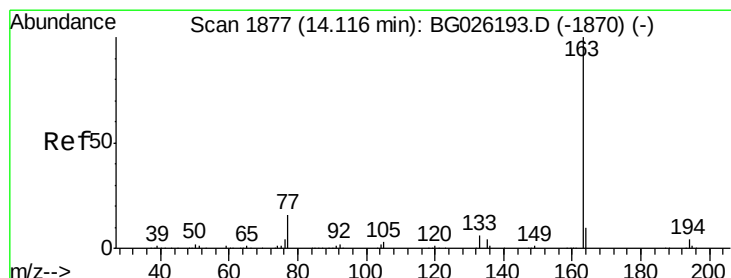
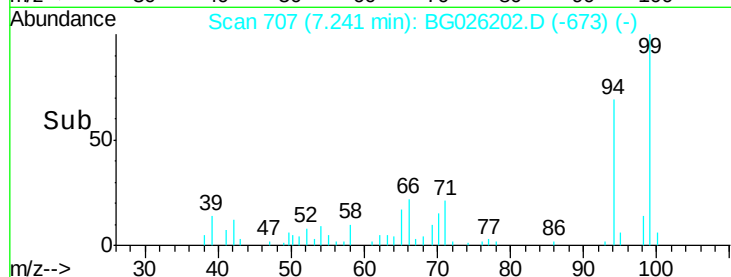
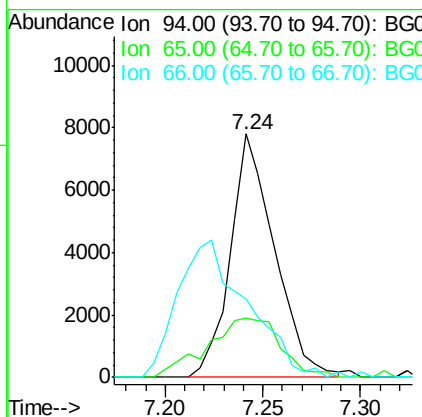
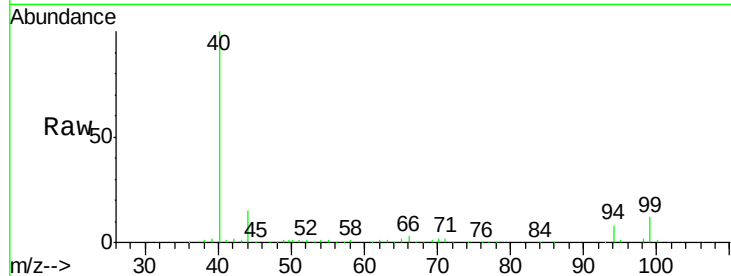
ClientSampled :

C0AK2

Tgt Ion:	94	Resp:	12231
Ion Ratio	Lower	Upper	
94	100		
65	24.1	21.0	31.6
66	32.2	29.3	43.9

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#44

Dimethylphthalate

Concen: 12.10 ng/ul

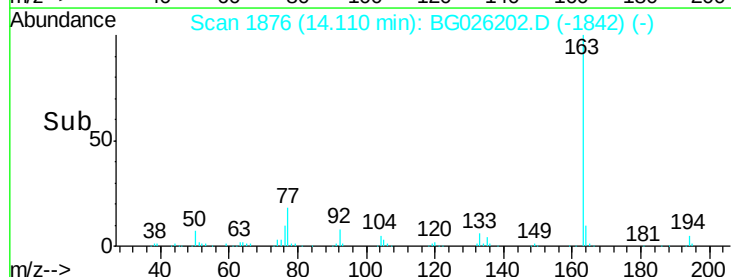
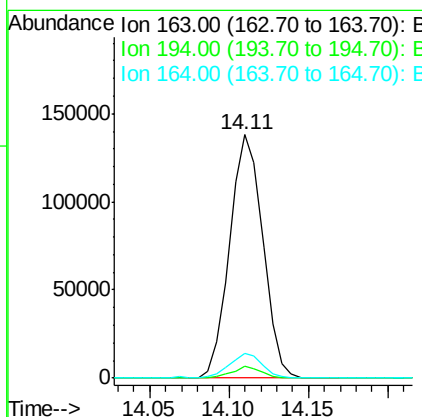
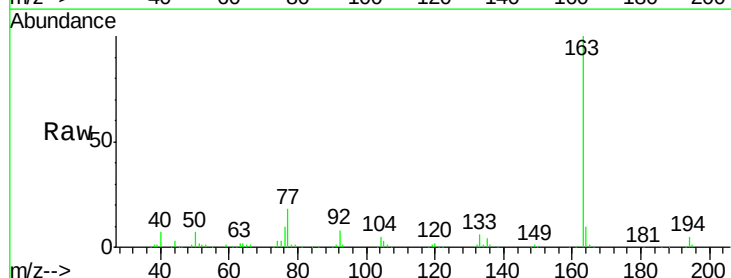
RT: 14.11 min Scan# 1876

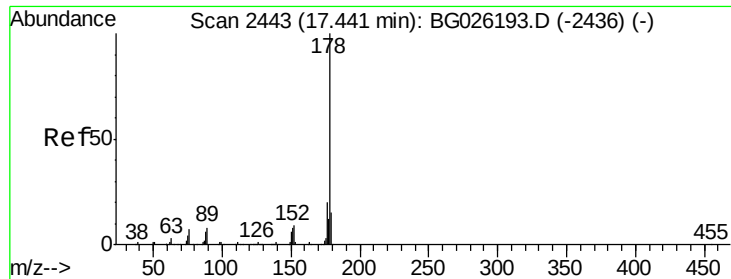
Delta R.T. -0.00 min

Lab File: BG026202.D

Acq: 11 Mar 2017 10:38

Tgt Ion:	163	Resp:	200135
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.2	4.8#
164	10.1	7.8	11.8





#69

Phenanthrene

Concen: 5.65 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG026202.D

Acq: 11 Mar 2017 10:38

Instrument :

BNA_G

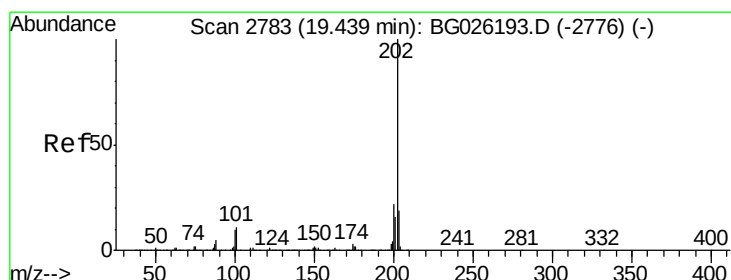
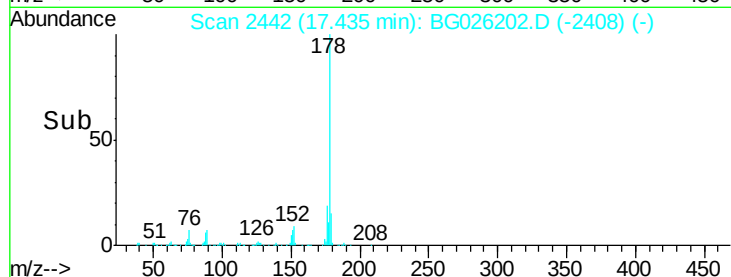
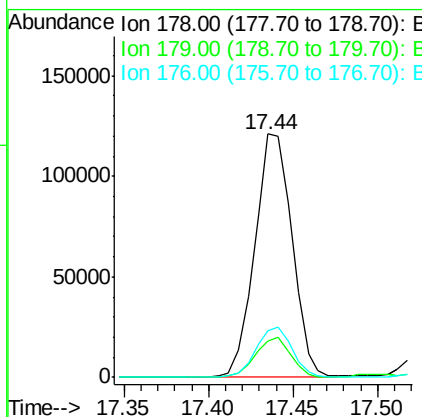
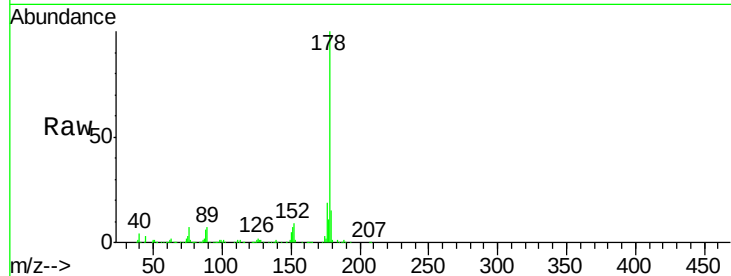
ClientSampleId :

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Tgt Ion:	178	Resp:	185469
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.2	18.4
176	19.0	15.6	23.4

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#76

Fluoranthene

Concen: 9.99 ng/ul

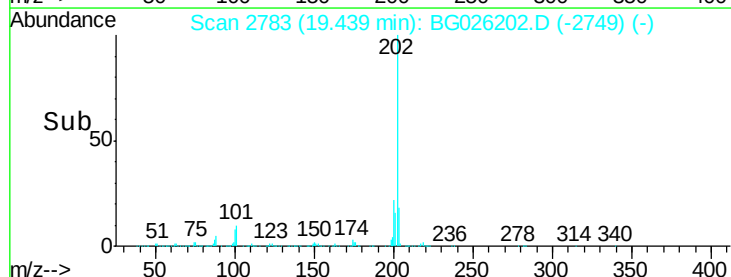
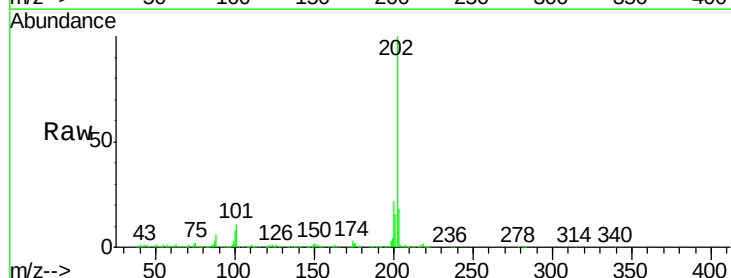
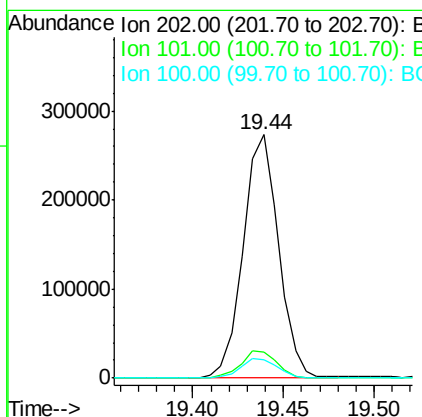
RT: 19.44 min Scan# 2783

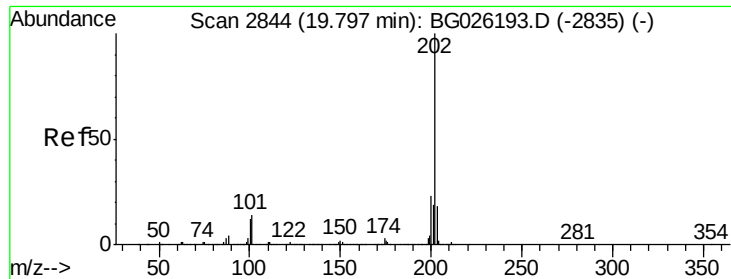
Delta R.T. -0.00 min

Lab File: BG026202.D

Acq: 11 Mar 2017 10:38

Tgt Ion:	202	Resp:	369860
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.8	13.2
100	7.7	6.6	9.8





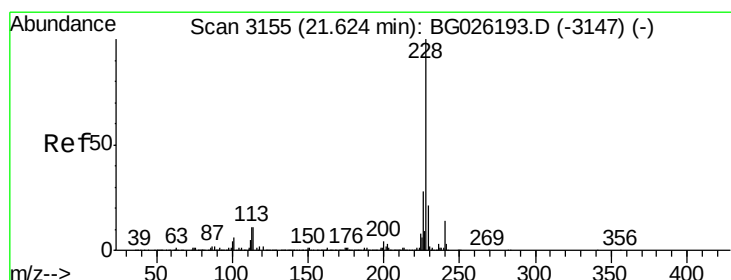
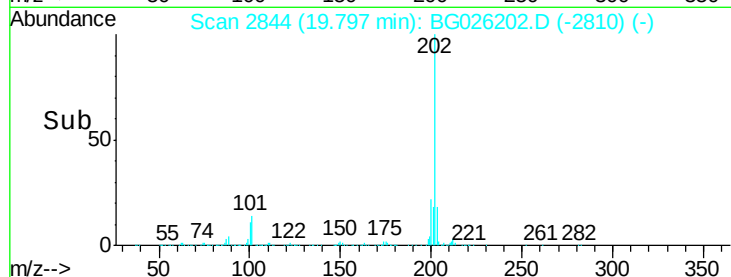
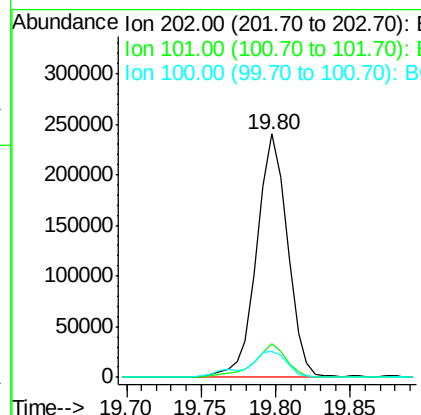
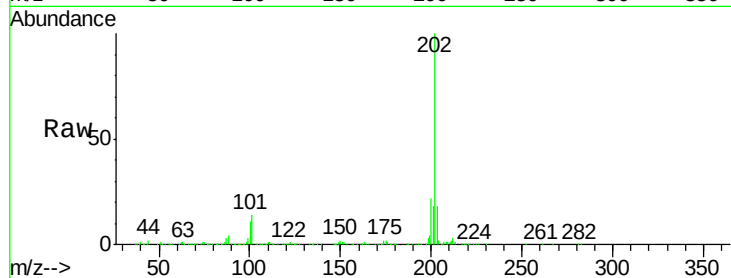
#79
Pyrene
Concen: 9.59 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG026202.D
Acq: 11 Mar 2017 10:38

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.9	10.2	15.2
100	10.8	8.5	12.7

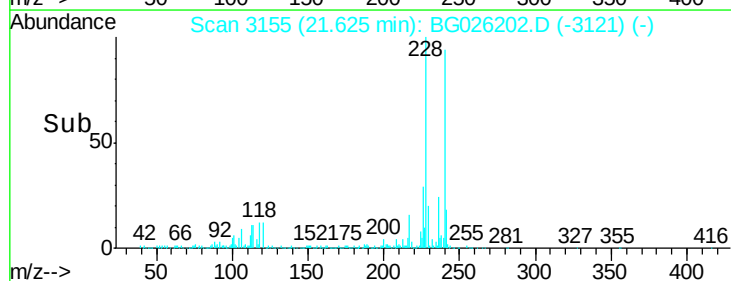
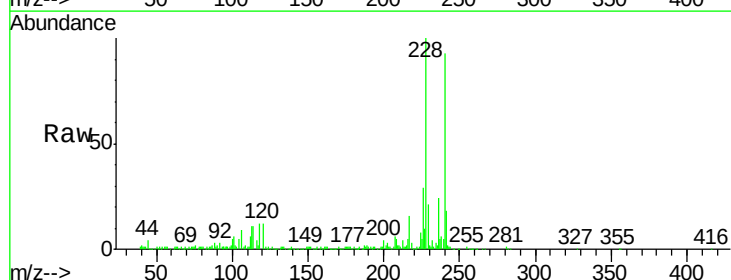
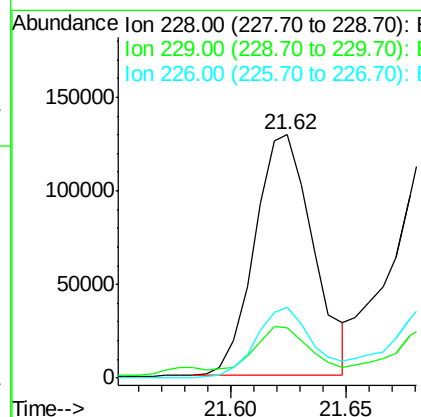
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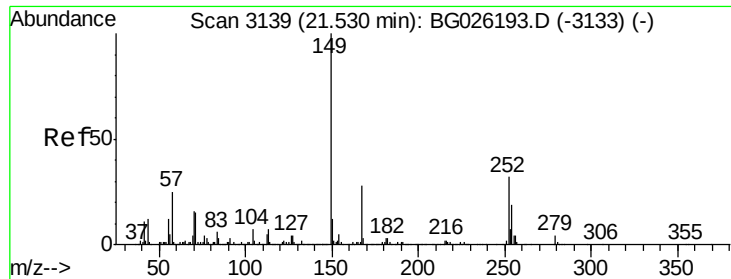
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#82
Benzo(a)anthracene
Concen: 5.87 ng/ul
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG026202.D
Acq: 11 Mar 2017 10:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	15.7	23.5
226	29.2	21.8	32.6





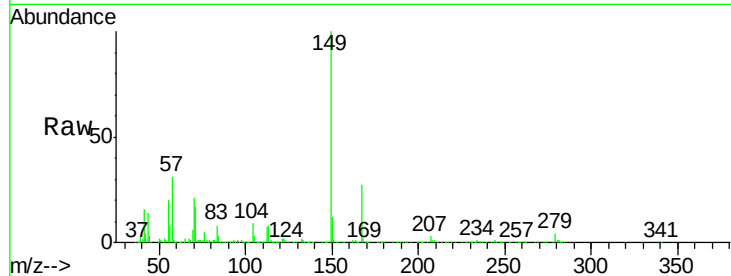
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 17.17 ng/ul
 RT: 21.52 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG026202.D
 Acq: 11 Mar 2017 10:38

Instrument :
 BNA_G
 ClientSampleId :
 C0AK2

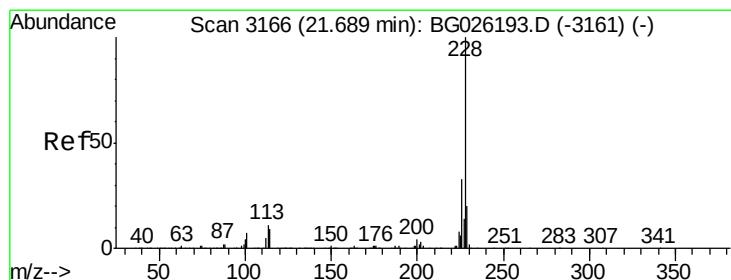
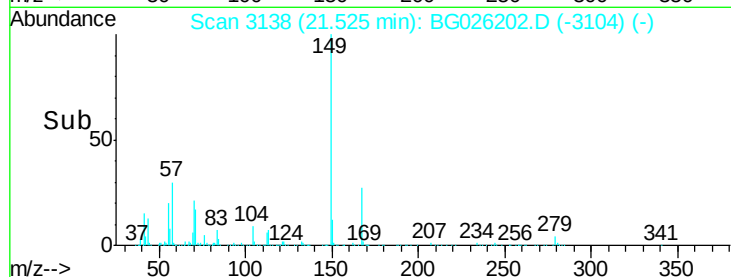
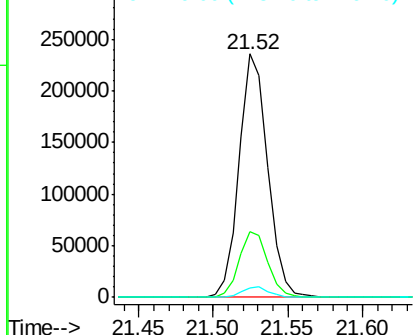
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	314178		
167	26.9	21.6	32.4	
279	3.8	3.0	4.4	

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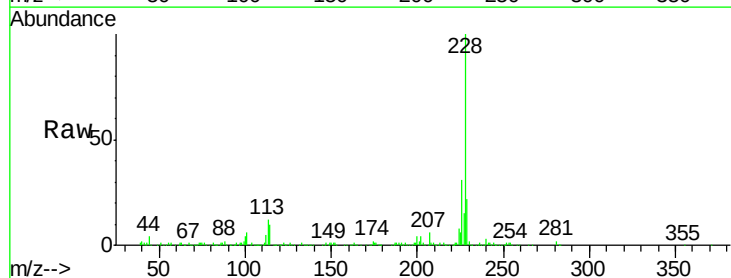


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

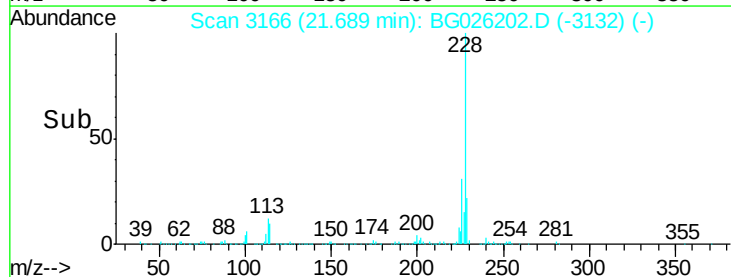
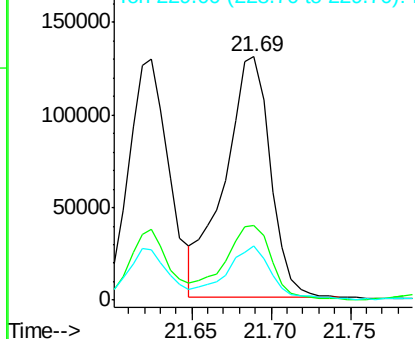


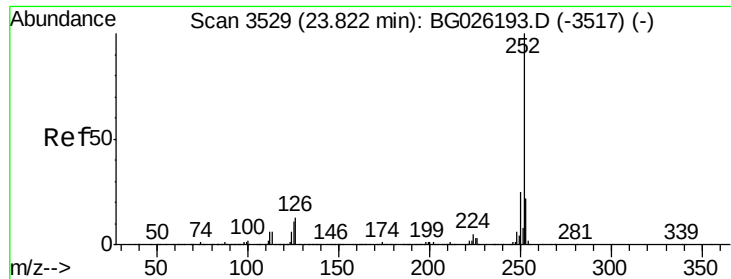
#84
 Chrysene
 Concen: 7.11 ng/ul
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG026202.D
 Acq: 11 Mar 2017 10:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	261385		
226	30.8	24.0	36.0	
229	22.3	15.6	23.4	



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





#87

Benzo(b)fluoranthene

Concen: 6.44 ng/ul

RT: 23.82 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG026202.D

Acq: 11 Mar 2017 10:38

Instrument :

BNA_G

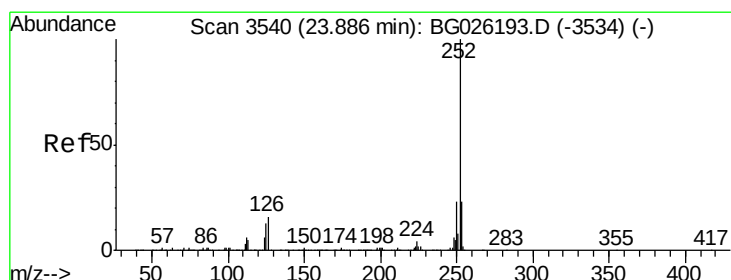
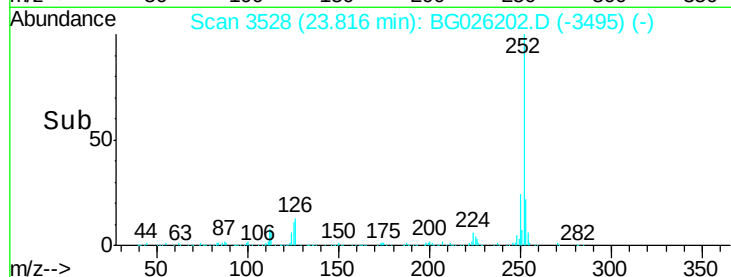
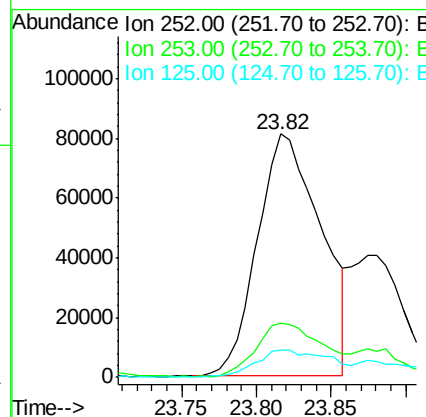
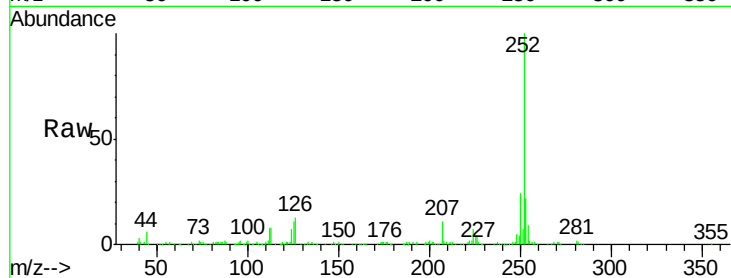
ClientSampleId :

C0AK2

Tgt Ion:	252	Resp:	240432
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	11.4	8.5	12.7

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#88

Benzo(k)fluoranthene

Concen: 2.75 ng/ul m

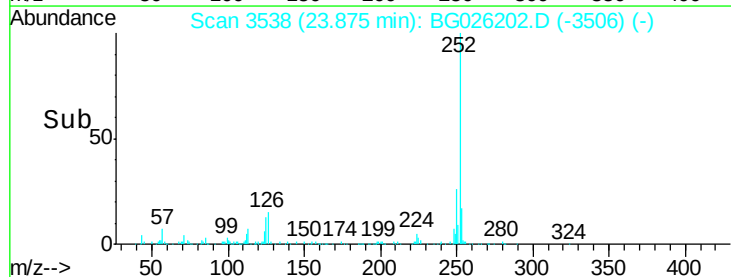
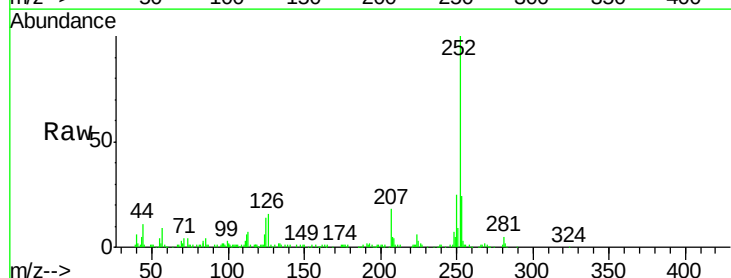
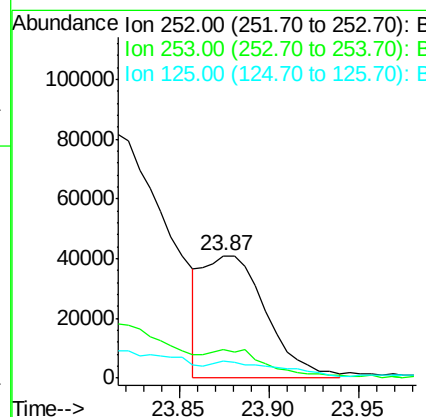
RT: 23.87 min Scan# 3538

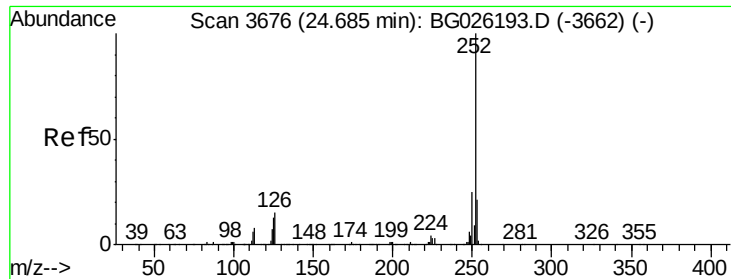
Delta R.T. -0.01 min

Lab File: BG026202.D

Acq: 11 Mar 2017 10:38

Tgt Ion:	252	Resp:	99920
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.3	25.9
125	13.5	8.2	12.2#





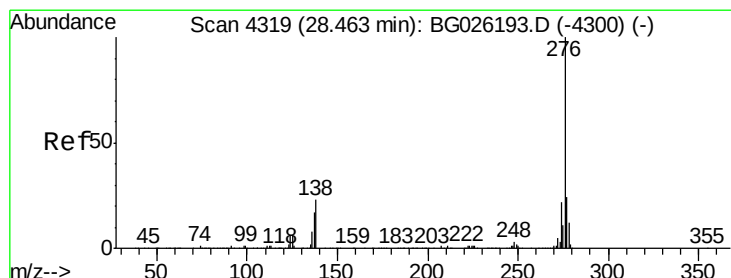
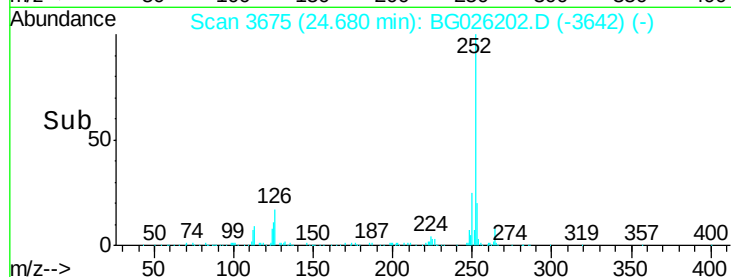
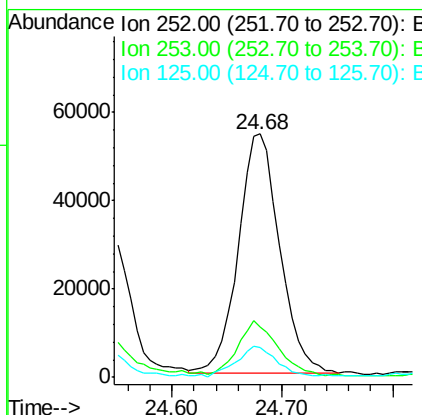
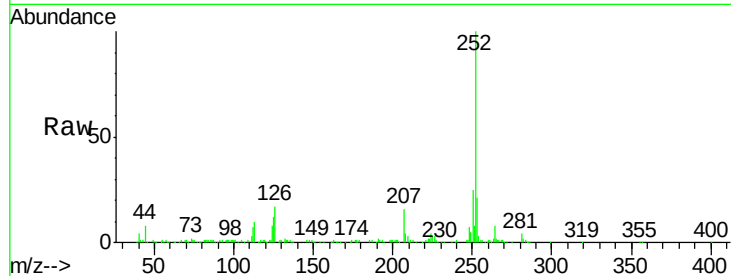
#90
Benzo(a)pyrene
Concen: 3.87 ng/ul
RT: 24.68 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG026202.D
Acq: 11 Mar 2017 10:38

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	12.1	9.0	13.6

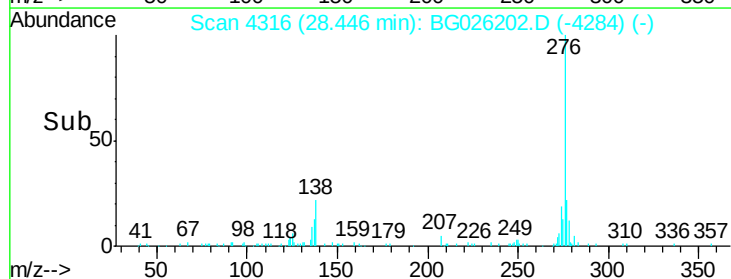
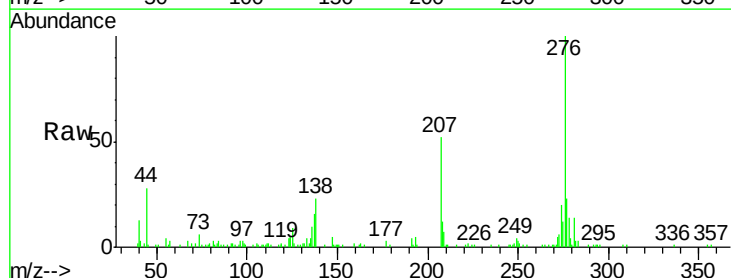
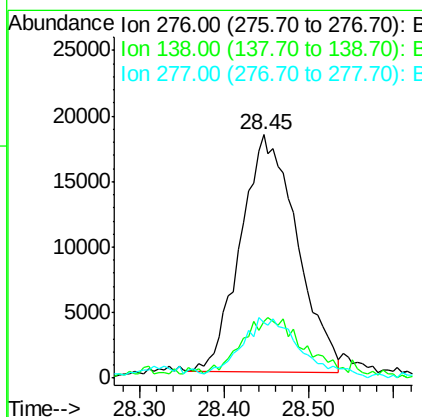
Manual Integrations
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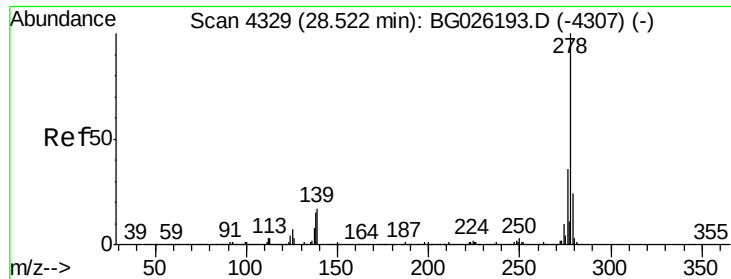
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.89 ng/ul
RT: 28.45 min Scan# 4316
Delta R.T. -0.01 min
Lab File: BG026202.D
Acq: 11 Mar 2017 10:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	22.3	33.5
277	23.0	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 1.03 ng/ul m

RT: 28.49 min Scan# 4324

Delta R.T. -0.03 min

Lab File: BG026202.D

Acq: 11 Mar 2017 10:38

Instrument :

BNA_G

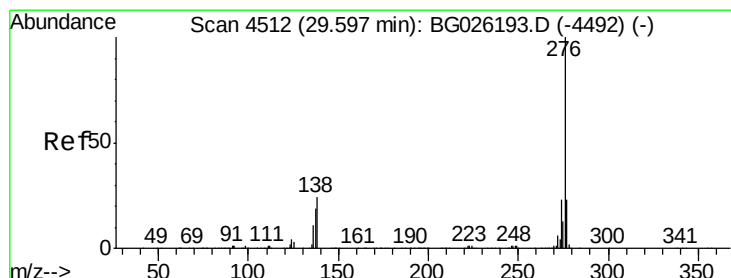
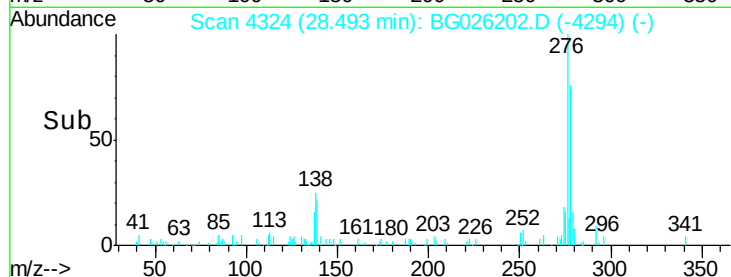
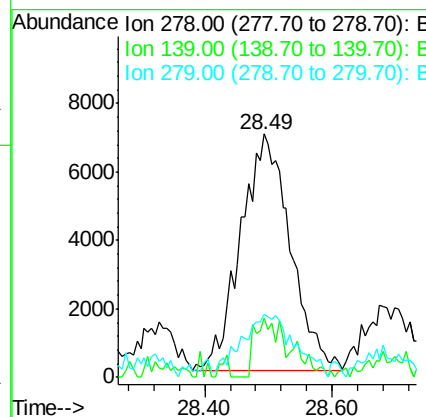
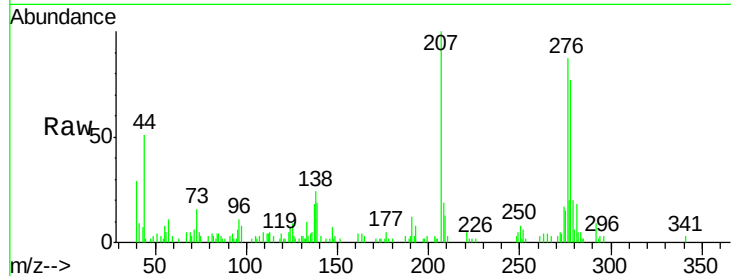
ClientSampleId :

C0AK2

Tgt Ion:	278	Resp:	37578
Ion Ratio	Lower	Upper	
278	100		
139	24.6	13.9	20.9#
279	25.8	19.0	28.4

Manual Integrations
APPROVED

mohammad
3/13/2017 3:34:48 PM



#93

Benzo(g,h,i)perylene

Concen: 2.17 ng/ul

RT: 29.58 min Scan# 4509

Delta R.T. -0.02 min

Lab File: BG026202.D

Acq: 11 Mar 2017 10:38

Tgt Ion:	276	Resp:	79883
Ion Ratio	Lower	Upper	
276	100		
138	30.1	18.9	28.3#
277	21.9	19.2	28.8

