

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
 Data File : BG026940.D
 Acq On : 10 May 2017 16:17
 Operator : SJ/MA
 Sample : I2960-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC40

Manual Integrations
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Quant Time: May 10 17:49:25 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 17:27:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	168720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	818400	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.61	164	444846	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	809175	20.00	ng/ul	0.00
75) Chrysene-d12	21.59	240	713316	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	762384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	14754	3.94	ng/uL	0.00
5) Phenol-d5	7.18	99	366990	24.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	222555	25.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	297502	23.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	313101	25.05	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	159186	23.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	172673	23.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	283225	23.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	333561	21.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	857309	23.94	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1132592	25.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	123286	19.10	ng/ul	0.00
57) Fluorene-d10	15.61	176	718328	22.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	65964	13.42	ng/ul	0.00
70) Anthracene-d10	17.45	188	999312	25.45	ng/ul	0.00
76) Pyrene-d10	19.73	212	953951	25.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	910732	25.27	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	14.06	163	331258	9.45	ng/ul#	97
69) Phenanthrene	17.39	178	258070	5.66	ng/ul	99
71) Anthracene	17.49	178	52797	1.13	ng/ul	97
74) Fluoranthene	19.40	202	640449	15.13	ng/ul#	78
77) Pyrene	19.76	202	537773	11.24	ng/ul#	77
80) Benzo(a)anthracene	21.58	228	274444	6.58	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	2673421	84.28	ng/ul#	93
82) Chrysene	21.64	228	290917	7.51	ng/ul	99
85) Benzo(b)fluoranthene	23.76	252	423731	9.73	ng/ul#	91
86) Benzo(k)fluoranthene	23.82	252	170574m	3.98	ng/ul	
88) Benzo(a)pyrene	24.61	252	303953	7.09	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	28.36	276	202089	3.98	ng/ul#	79
91) Benzo(g,h,i)perylene	29.49	276	175390	4.16	ng/ul#	75

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

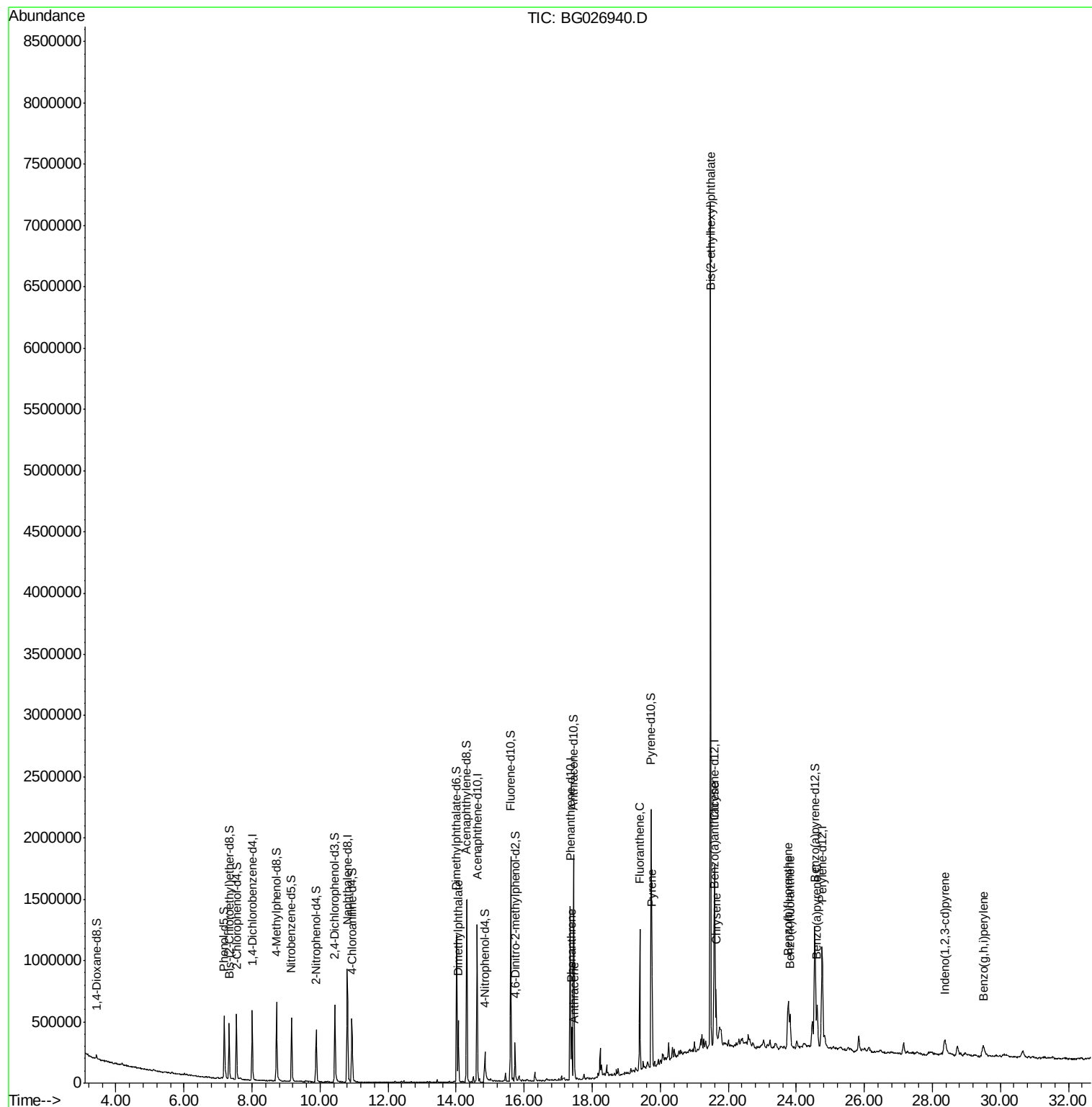
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051017\
Data File : BG026940.D
Acq On : 10 May 2017 16:17
Operator : SJ/MA
Sample : I2960-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

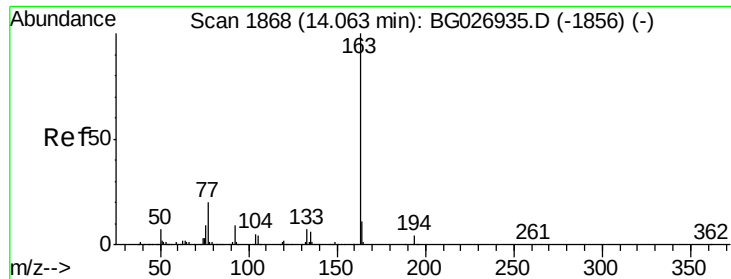
Instrument :
BNA_G
ClientSampleId :
BDC40

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Quant Time: May 10 17:49:25 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 17:27:44 2017
Response via : Initial Calibration





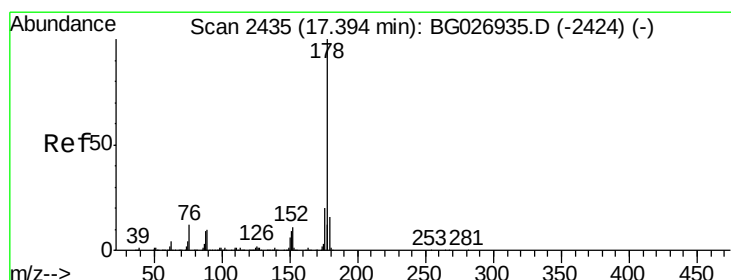
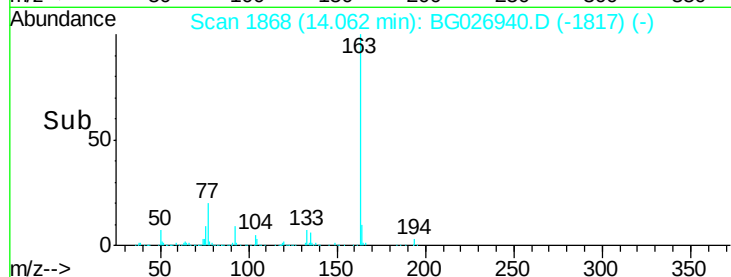
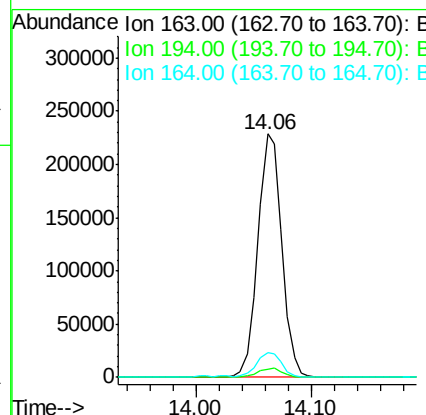
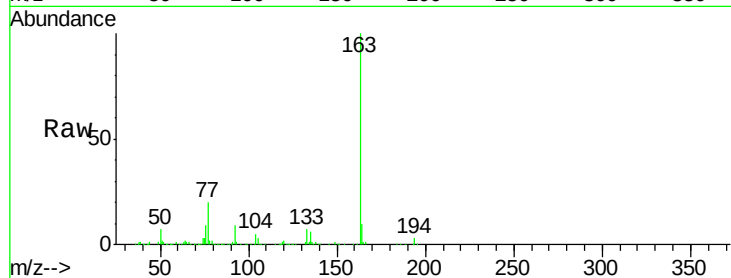
#44
Dimethylphthalate
Concen: 9.45 ng/ul
RT: 14.06 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BG026940.D
Acq: 10 May 2017 16:17

Instrument :
BNA_G
ClientSampleId :
BDC40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	331258		
194	3.2		3.4	5.0#
164	10.2		9.0	13.4

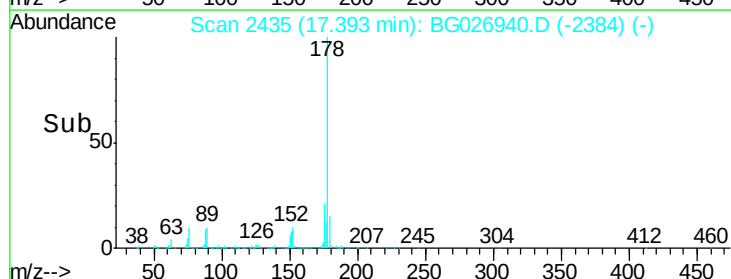
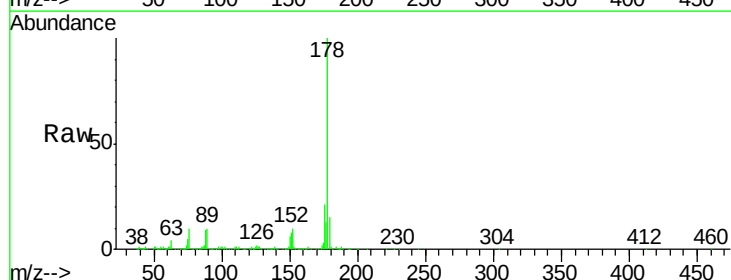
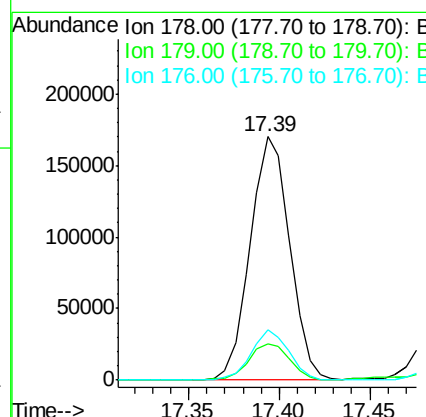
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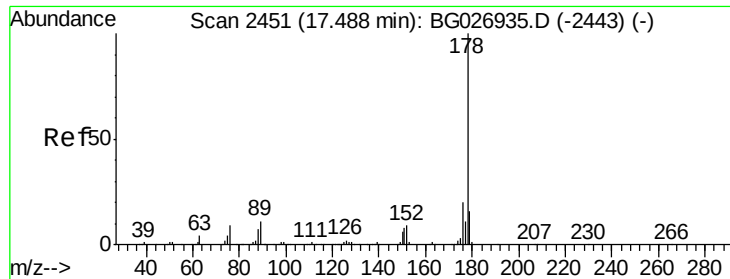
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#69
Phenanthrene
Concen: 5.66 ng/ul
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG026940.D
Acq: 10 May 2017 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	258070		
179	15.0		12.4	18.6
176	20.6		16.5	24.7





#71

Anthracene

Concen: 1.13 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG026940.D

Acq: 10 May 2017 16:17

Instrument :

BNA_G

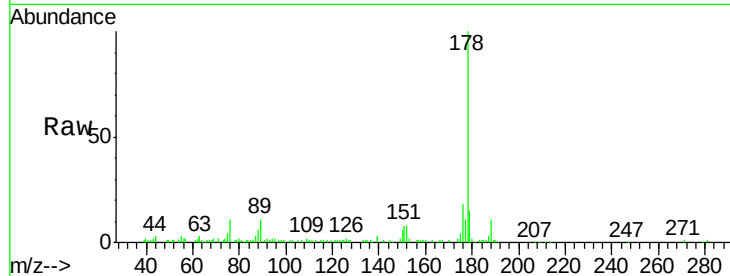
ClientSampleId :

BDC40

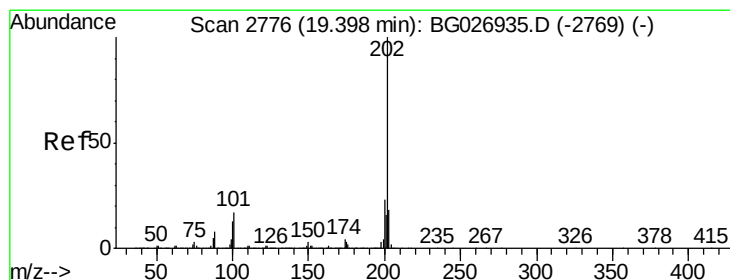
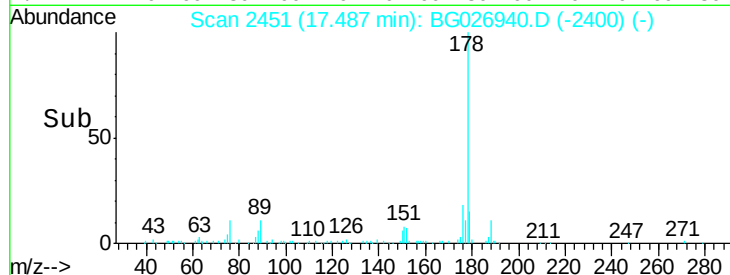
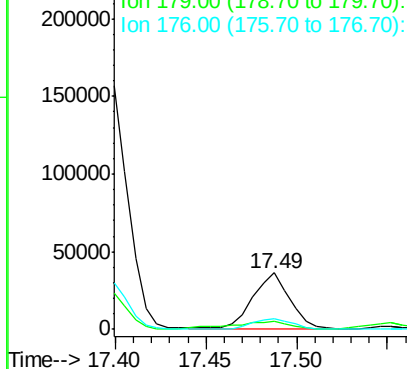
Tgt Ion:	178	Resp:	52797
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	19.0
176	18.2	15.9	23.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 15.13 ng/ul

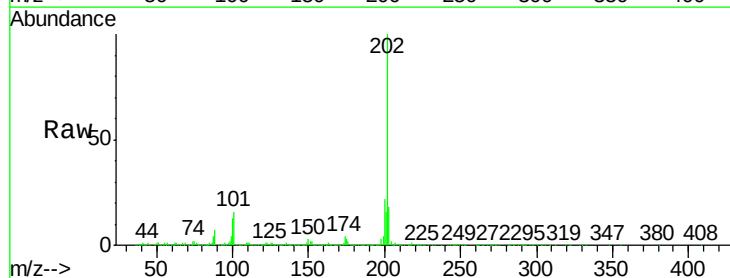
RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

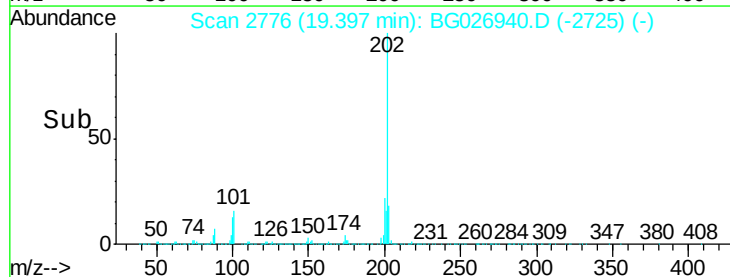
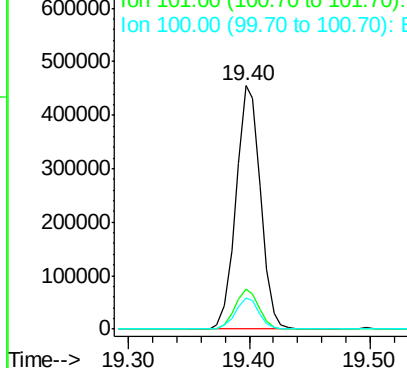
Lab File: BG026940.D

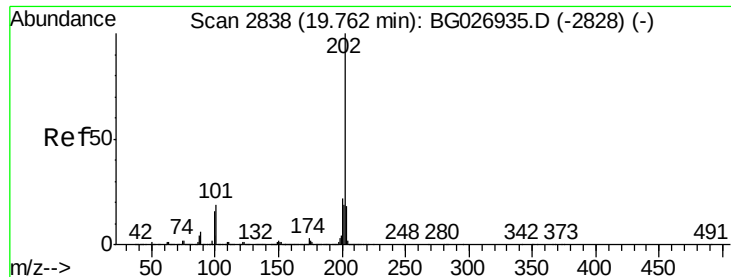
Acq: 10 May 2017 16:17

Tgt Ion:	202	Resp:	640449
Ion Ratio	Lower	Upper	
202	100		
101	16.3	6.2	9.2#
100	12.7	5.2	7.8#



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: 11.24 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG026940.D

Acq: 10 May 2017 16:17

Instrument :

BNA_G

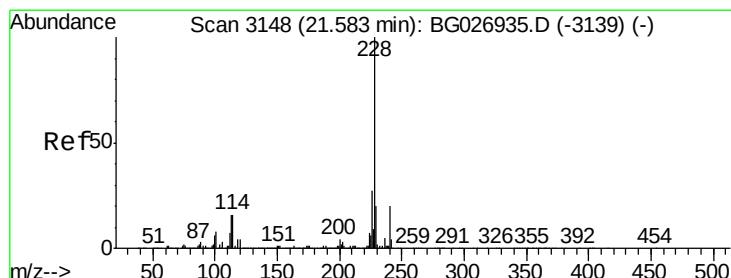
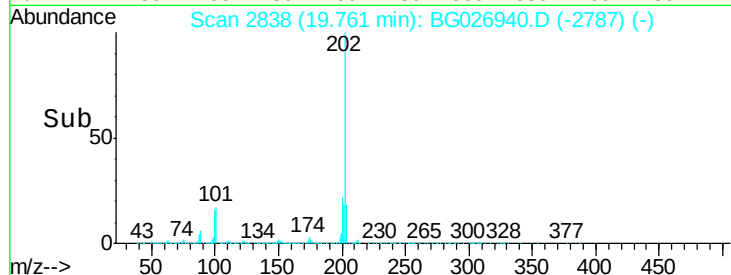
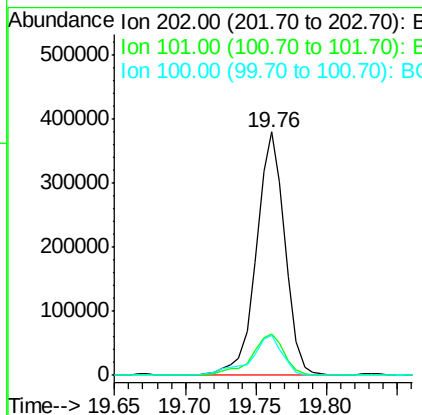
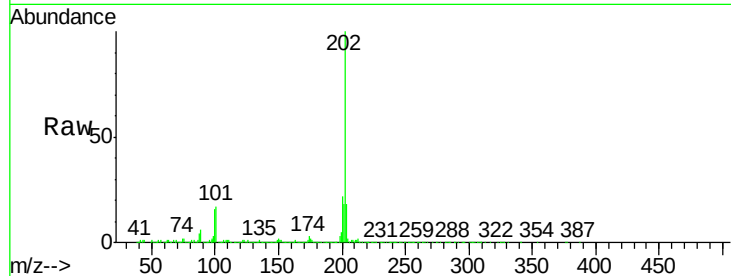
ClientSampled :

BDC40

Tgt Ion:	202	Resp:	537773
Ion Ratio	Lower	Upper	
202	100		
101	17.0	6.9	10.3#
100	16.2	6.6	10.0#

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#80

Benzo(a)anthracene

Concen: 6.58 ng/ul

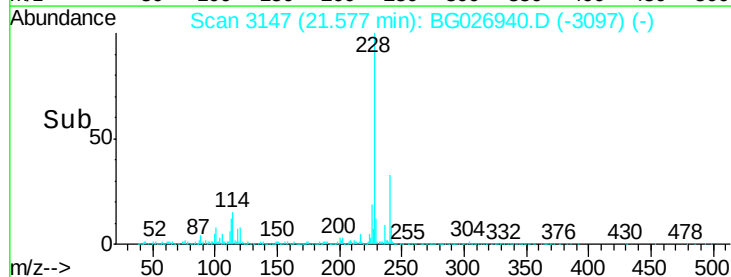
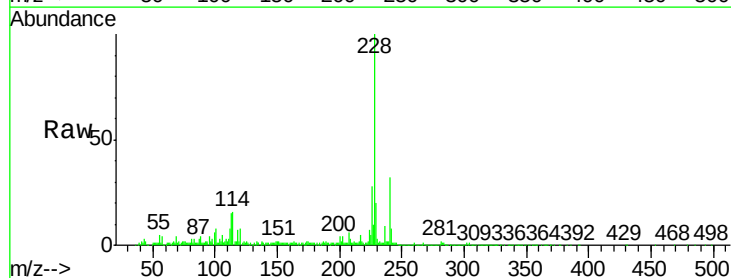
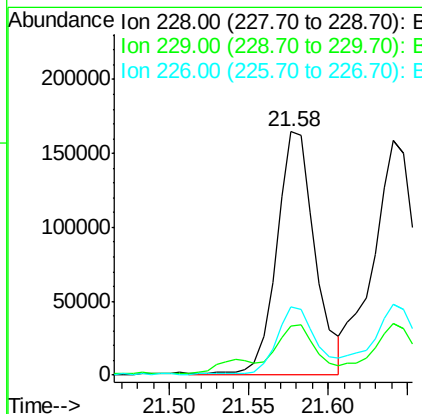
RT: 21.58 min Scan# 3147

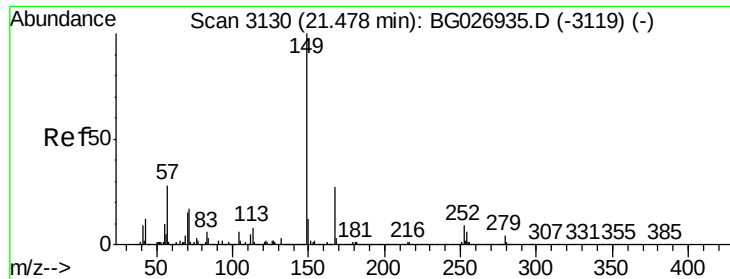
Delta R.T. -0.01 min

Lab File: BG026940.D

Acq: 10 May 2017 16:17

Tgt Ion:	228	Resp:	274444
Ion Ratio	Lower	Upper	
228	100		
229	20.1	16.3	24.5
226	28.3	21.9	32.9





#81

Bis(2-ethylhexyl)phthalate

Concen: 84.28 ng/ul

RT: 21.48 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BG026940.D

Acq: 10 May 2017 16:17

Instrument :

BNA_G

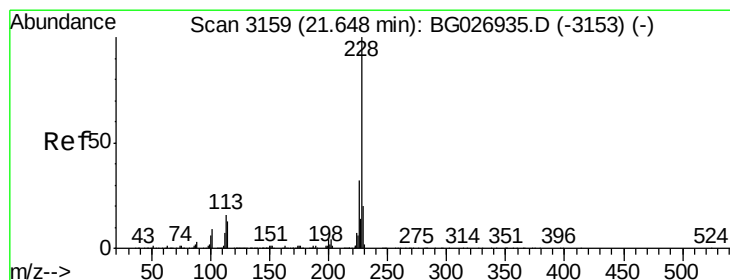
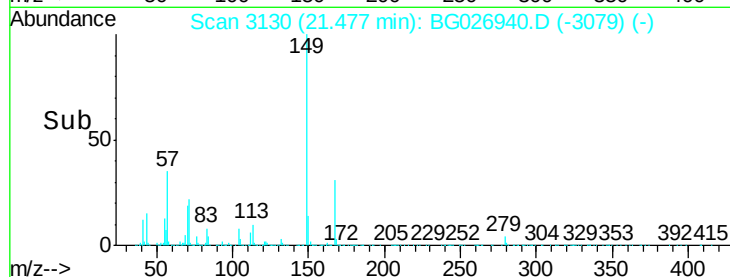
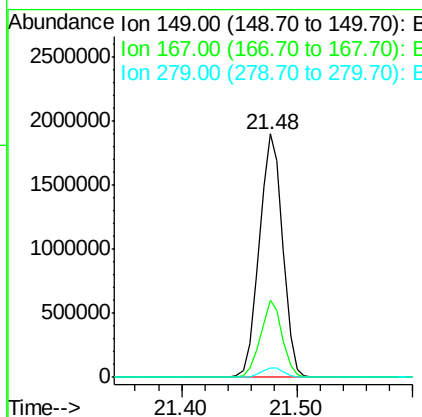
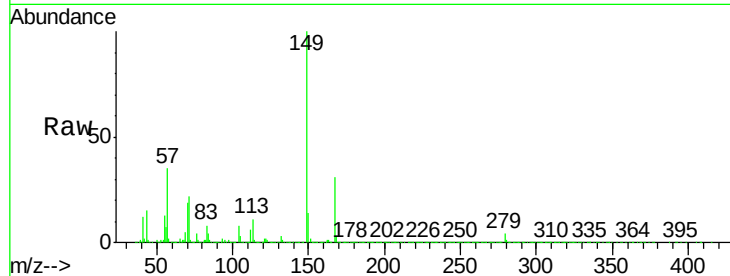
ClientSampled :

BDC40

Tgt Ion:	149	Resp:	2673421
Ion Ratio	Lower	Upper	
149	100		
167	31.5	21.8	32.8
279	4.1	4.5	6.7#

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#82

Chrysene

Concen: 7.51 ng/ul

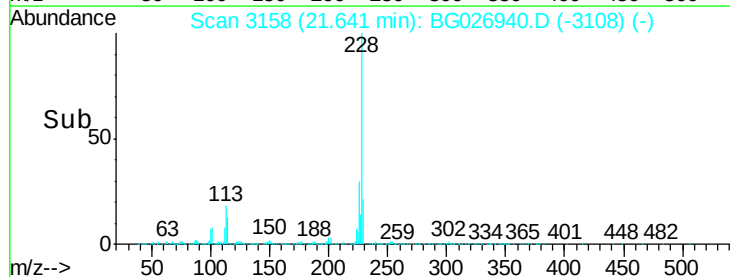
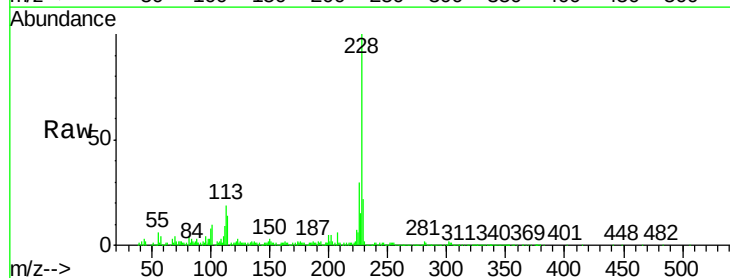
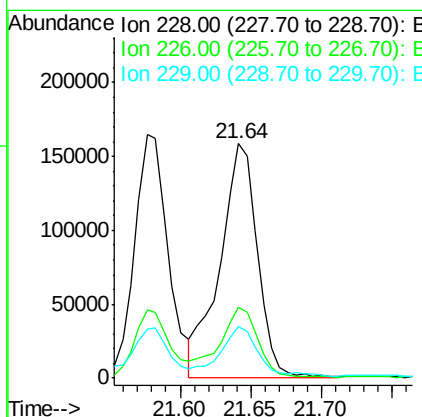
RT: 21.64 min Scan# 3158

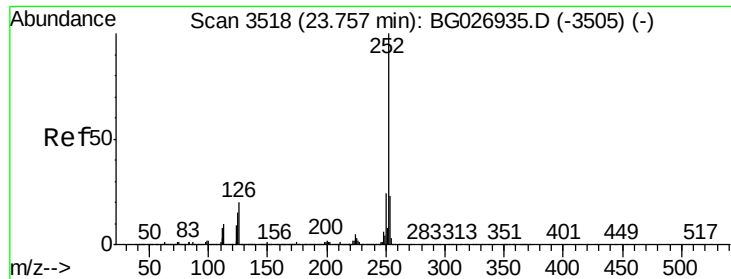
Delta R.T. -0.01 min

Lab File: BG026940.D

Acq: 10 May 2017 16:17

Tgt Ion:	228	Resp:	290917
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.0	36.0
229	22.0	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 9.73 ng/ul

RT: 23.76 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BG026940.D

Acq: 10 May 2017 16:17

Instrument :

BNA_G

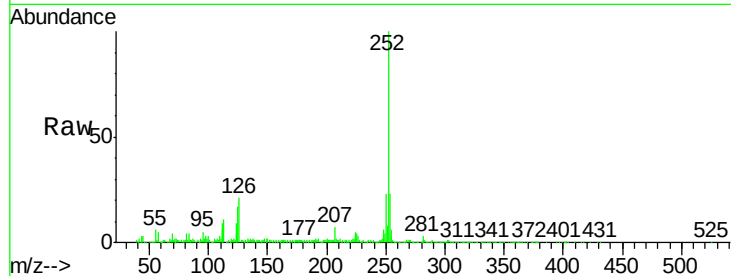
ClientSampleId :

BDC40

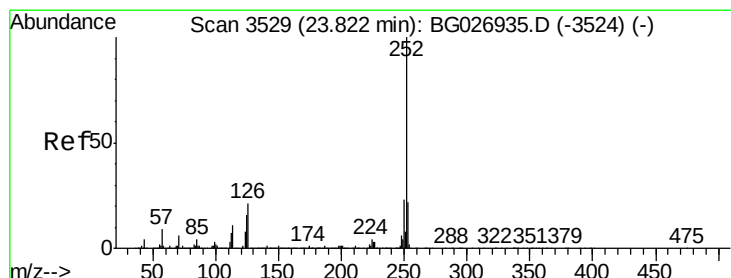
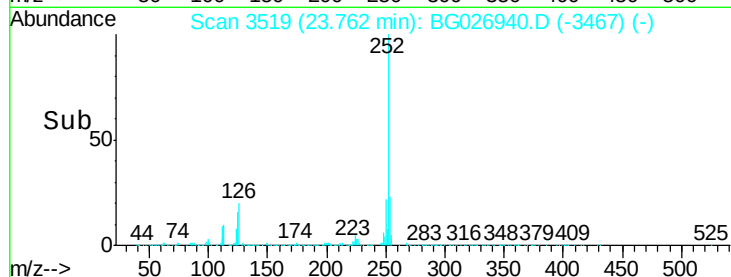
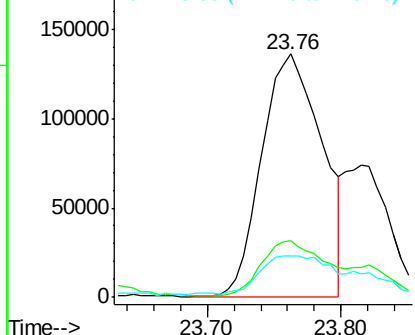
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	17.0	4.0	6.0#

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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



#86

Benzo(k)fluoranthene

Concen: 3.98 ng/ul m

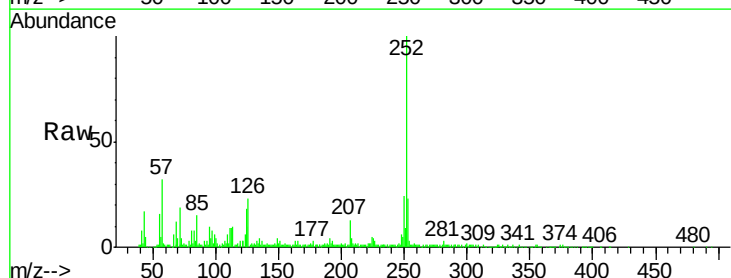
RT: 23.82 min Scan# 3528

Delta R.T. -0.01 min

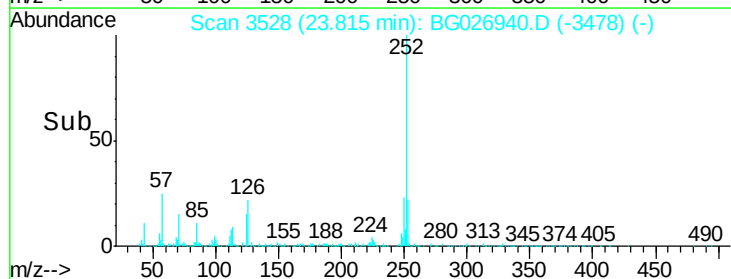
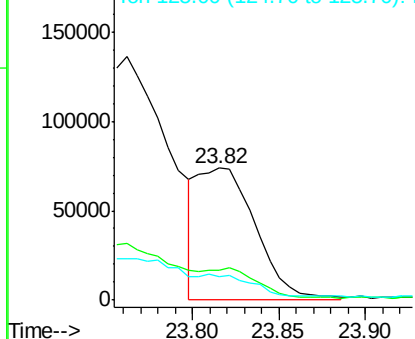
Lab File: BG026940.D

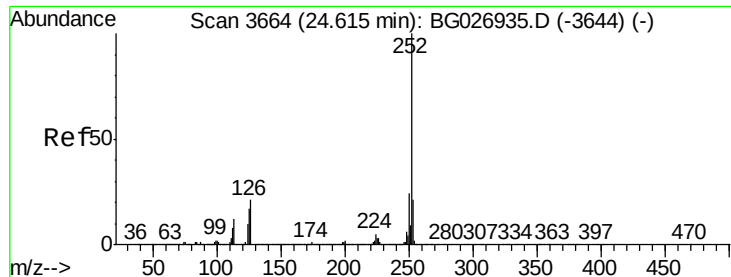
Acq: 10 May 2017 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	17.9	4.1	6.1#



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





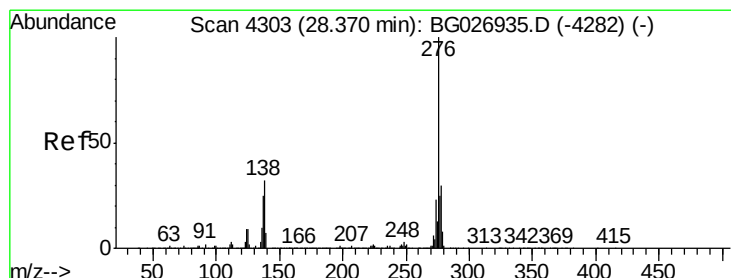
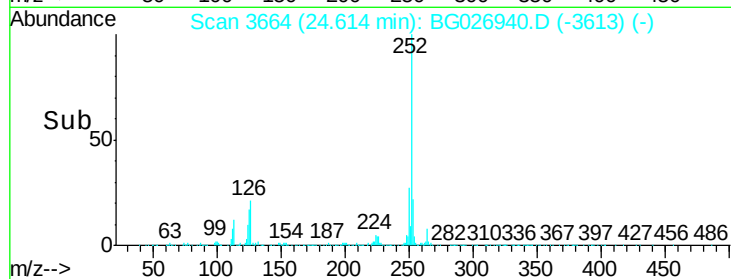
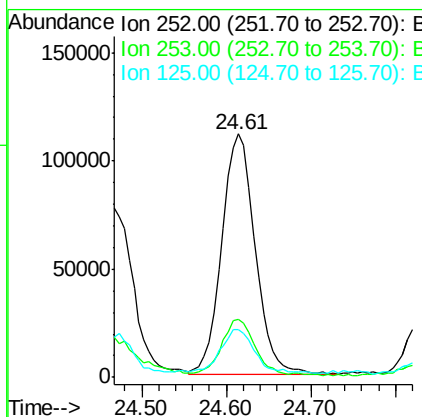
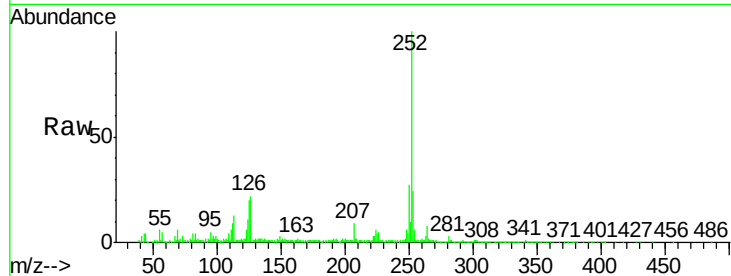
#88
Benzo(a)pyrene
Concen: 7.09 ng/ul
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG026940.D
Acq: 10 May 2017 16:17

Instrument :
BNA_G
ClientSampled :
BDC40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	19.7	5.4	8.0#

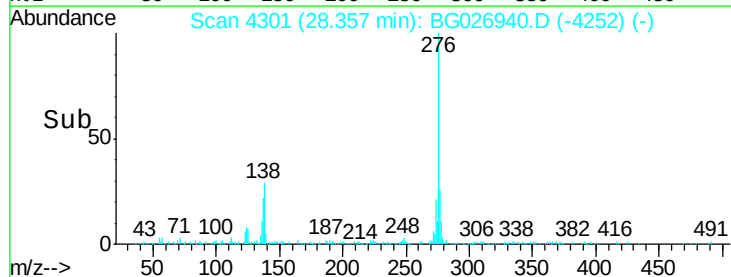
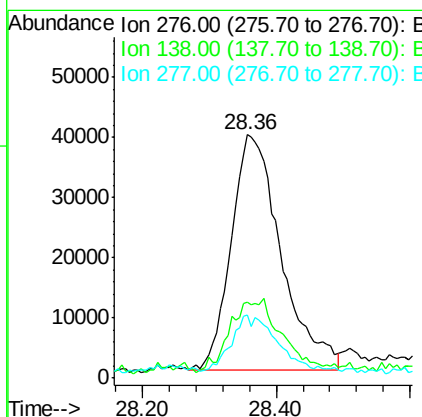
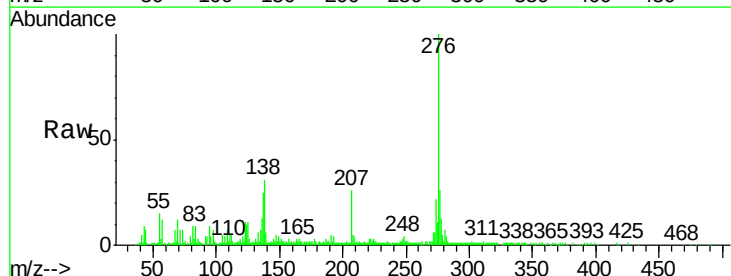
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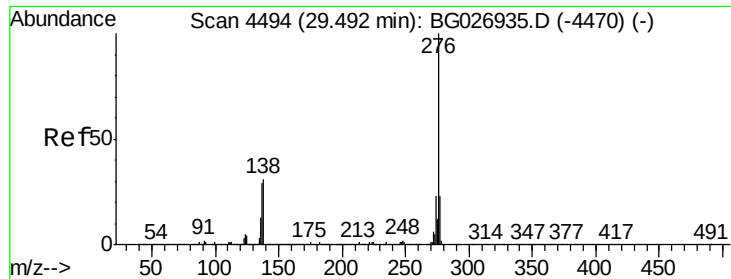
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.98 ng/ul
RT: 28.36 min Scan# 4301
Delta R.T. -0.01 min
Lab File: BG026940.D
Acq: 10 May 2017 16:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	8.2	12.4#
277	25.8	18.6	28.0





#91
 Benzo(g,h,i)perylene
 Concen: 4.16 ng/ul
 RT: 29.49 min Scan# 4494
 Delta R.T. -0.00 min
 Lab File: BG026940.D
 Acq: 10 May 2017 16:17

Instrument :
 BNA_G
 ClientSampleId :
 BDC40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	8.6	12.8#
277	26.0	17.6	26.4

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