

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025136.D
 Acq On : 13 Dec 2016 5:17
 Operator : UM/SJ
 Sample : H5860-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8E6

Manual Integrations
 APPROVED

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Quant Time: Dec 13 06:58:29 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 13 06:23:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	113978	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	473852	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	353189	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	687905	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	769666	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	806656	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4296	1.95	ng/uL	0.00
5) Phenol-d5	7.39	99	143074	14.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	91098	14.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	101398	14.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	121937	14.84	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	54695	16.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	65017	15.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	124182	15.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	62327	7.88	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	389156	16.02	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	473342	17.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	58015	13.89	ng/ul	0.01
57) Fluorene-d10	15.85	176	377036	16.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	68431	16.09	ng/ul	0.00
70) Anthracene-d10	17.70	188	557991	19.22	ng/ul	0.00
76) Pyrene-d10	19.98	212	639273	20.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	627077	19.19	ng/ul	0.01

Target Compounds

						Ovalue
6) Phenol	7.42	94	25217	2.50	ng/ul	96
44) Dimethylphthalate	14.30	163	95494	4.00	ng/ul	98
69) Phenanthrene	17.64	178	540110	16.45	ng/ul	99
71) Anthracene	17.74	178	67050	1.99	ng/ul	98
72) Carbazole	18.01	167	62059	2.20	ng/ul	99
74) Fluoranthene	19.64	202	1231599	31.57	ng/ul	99
77) Pyrene	20.01	202	961028	25.97	ng/ul	97
80) Benzo(a)anthracene	21.88	228	374745	9.37	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	23776	1.19	ng/ul#	82
82) Chrysene	21.95	228	553072	14.79	ng/ul	96
85) Benzo(b)fluoranthene	24.23	252	689212	17.23	ng/ul#	92
86) Benzo(k)fluoranthene	24.29	252	245925m	6.47	ng/ul	
88) Benzo(a)pyrene	25.17	252	358570	9.32	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.28	276	280364m	5.87	ng/ul	
91) Benzo(g,h,i)perylene	30.51	276	219906m	5.51	ng/ul	

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

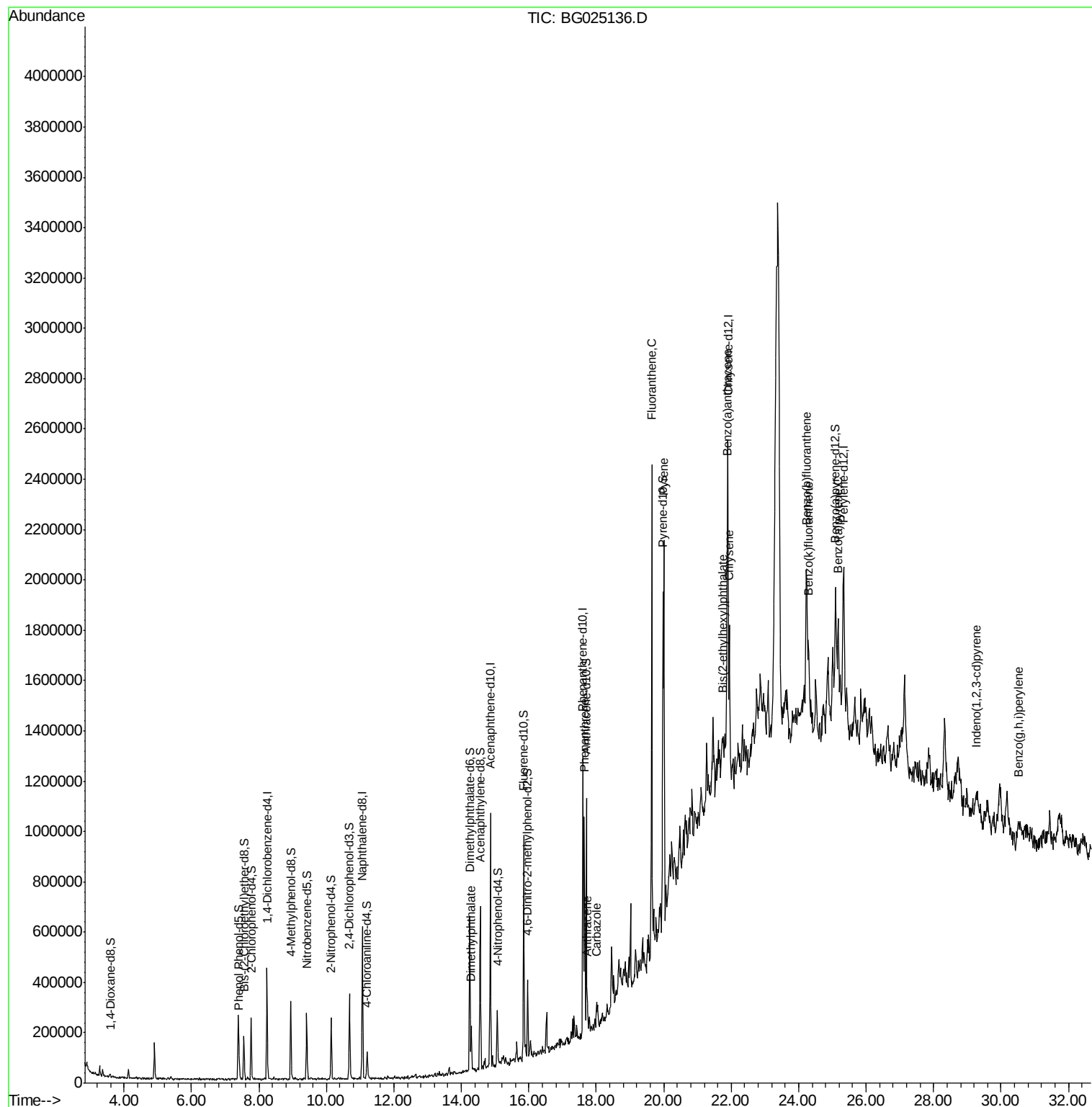
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
Data File : BG025136.D
Acq On : 13 Dec 2016 5:17
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Sample : H5860-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

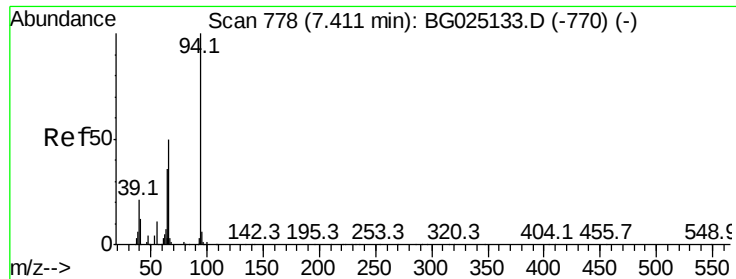
Instrument :
BNA_G
ClientSampled :
DA8E6

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.50 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG025136.D

Acq: 13 Dec 2016 5:17

Instrument :

BNA_G

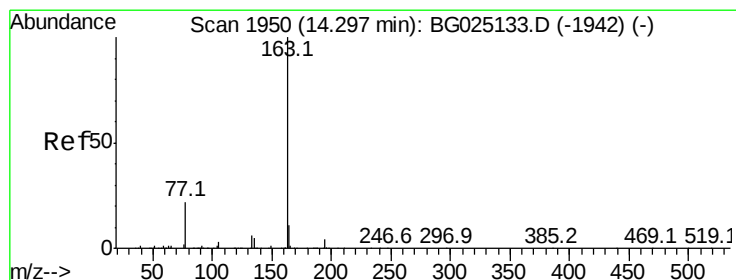
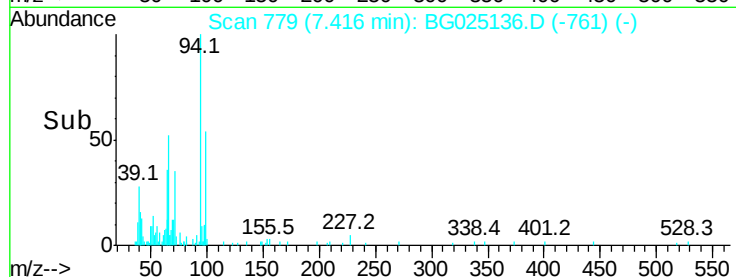
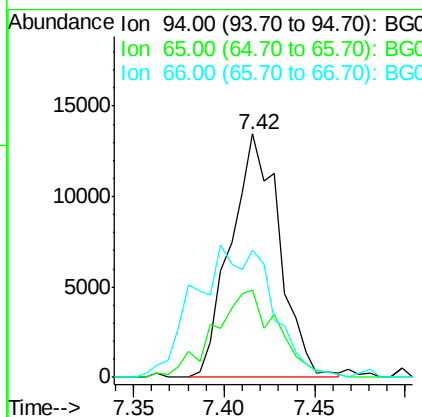
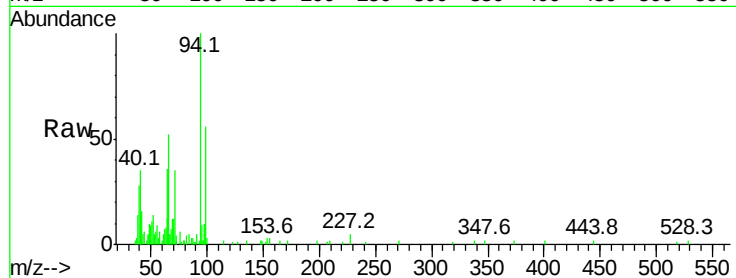
ClientSampled :

DA8E6

Tot Ion:	94	Resp:	25217
Ion Ratio	Lower	Upper	
94	100		
65	35.8	26.8	40.2
66	52.3	44.4	66.6

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#44

Dimethylphthalate

Concen: 4.00 ng/ul

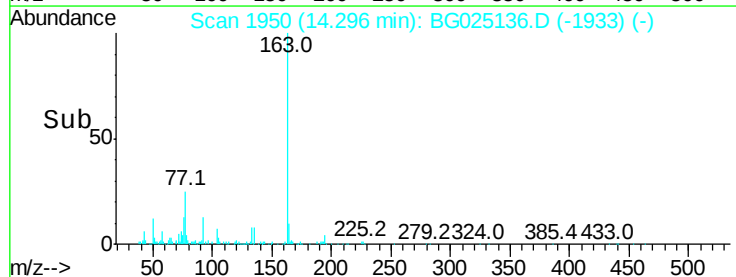
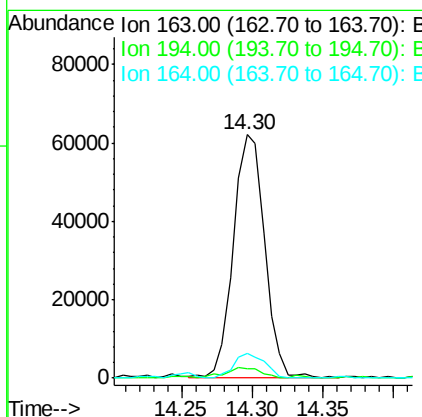
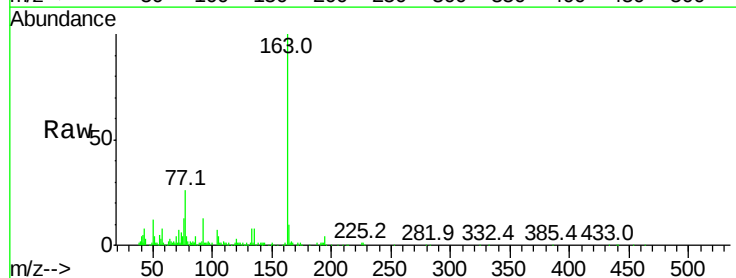
RT: 14.30 min Scan# 1950

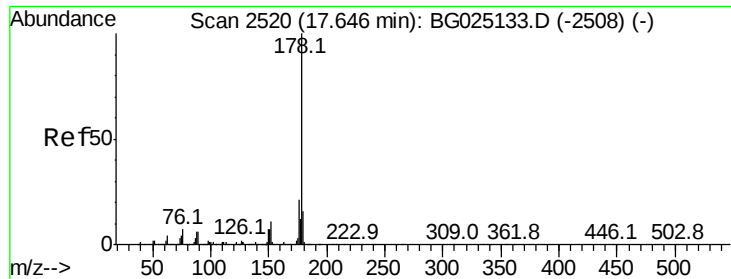
Delta R.T. -0.00 min

Lab File: BG025136.D

Acq: 13 Dec 2016 5:17

Tgt Ion:	163	Resp:	95494
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.0
164	10.2	9.0	13.4





#69

Phenanthrene

Concen: 16.45 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025136.D

Acq: 13 Dec 2016 5:17

Instrument :

BNA_G

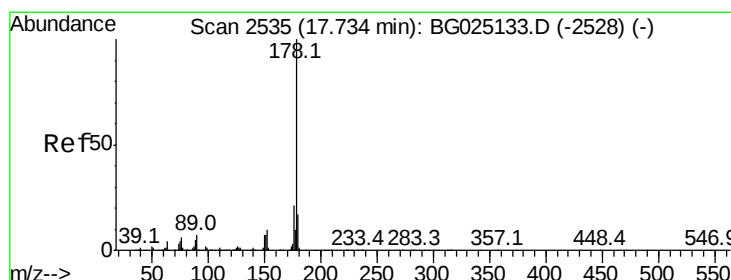
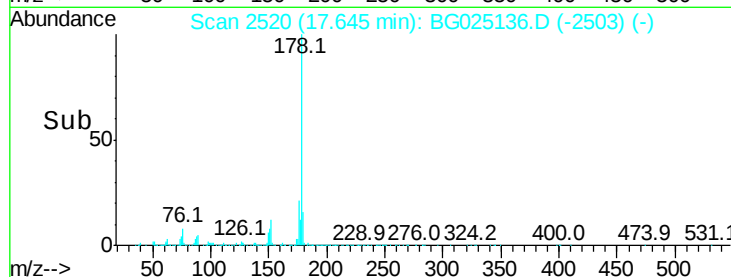
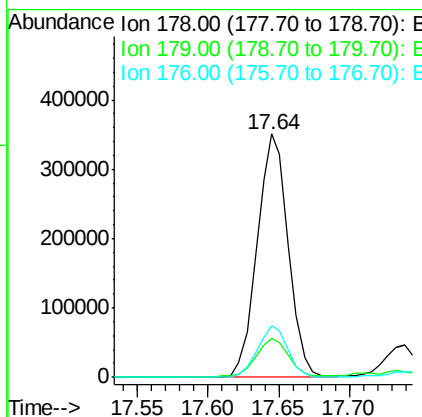
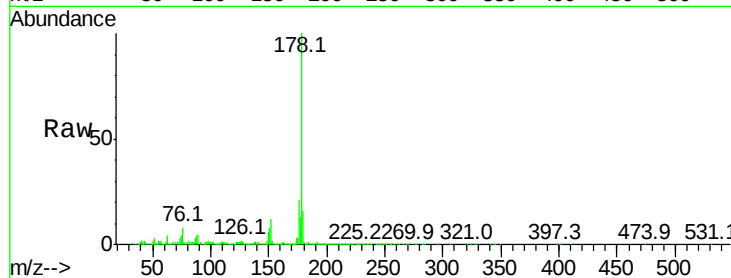
ClientSampleId :

DA8E6

Tot Ion:	178	Resp:	540110
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.4	18.6
176	21.2	16.5	24.7

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#71

Anthracene

Concen: 1.99 ng/ul

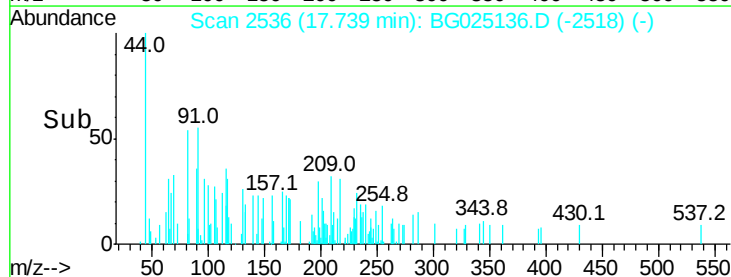
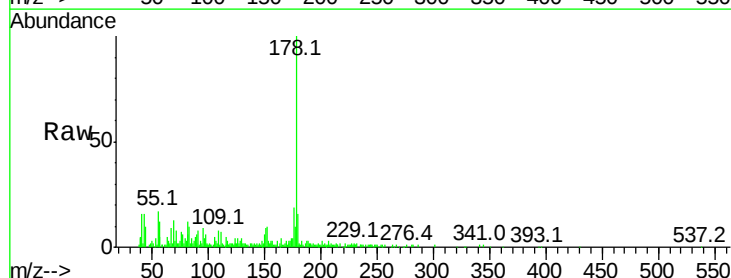
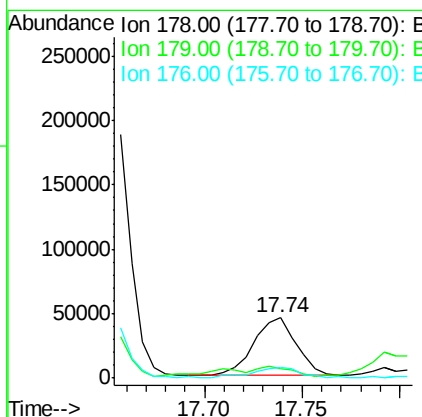
RT: 17.74 min Scan# 2536

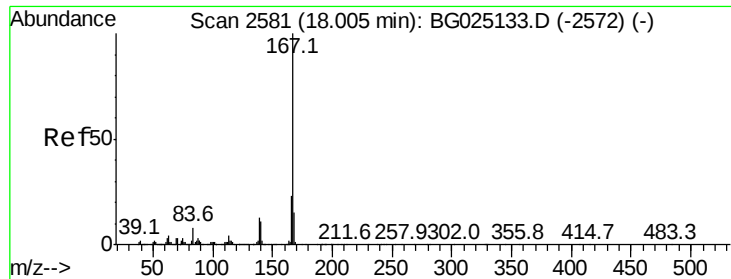
Delta R.T. 0.00 min

Lab File: BG025136.D

Acq: 13 Dec 2016 5:17

Tgt Ion:	178	Resp:	67050
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	19.0
176	18.5	15.9	23.9





#72

Carbazole

Concen: 2.20 ng/ul

RT: 18.01 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BG025136.D

Acq: 13 Dec 2016 5:17

Instrument :

BNA_G

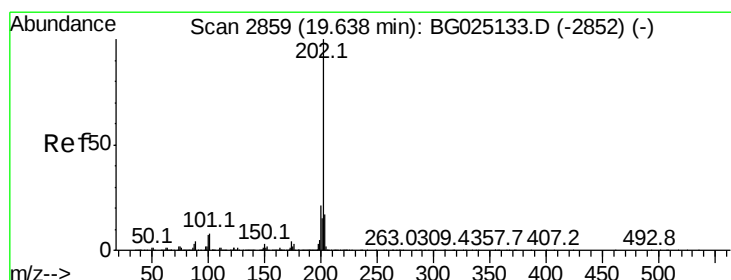
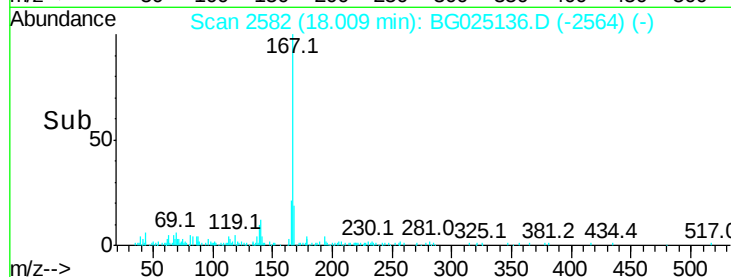
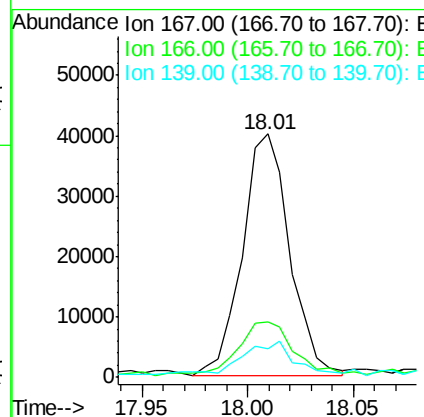
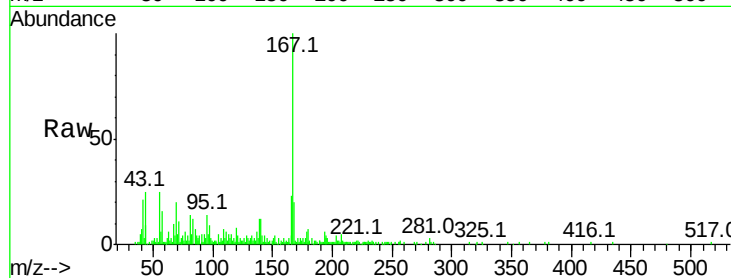
ClientSampleId :

DA8E6

Tot Ion:	167	Resp:	62059
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.9	26.9
139	12.0	10.5	15.7

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#74

Fluoranthene

Concen: 31.57 ng/ul

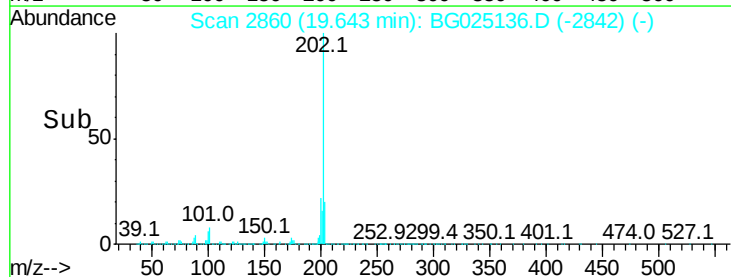
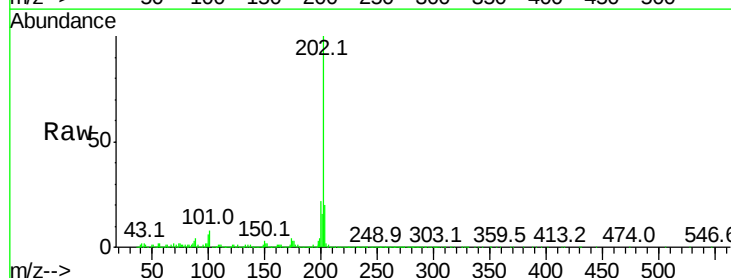
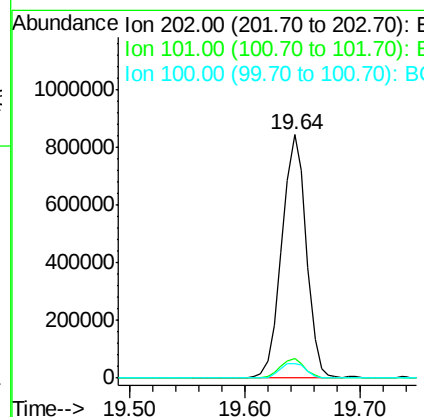
RT: 19.64 min Scan# 2860

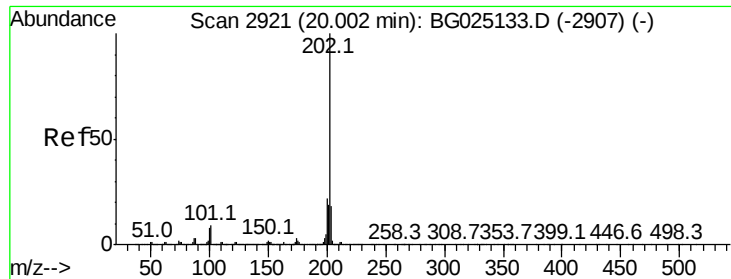
Delta R.T. 0.00 min

Lab File: BG025136.D

Acq: 13 Dec 2016 5:17

Tgt Ion:	202	Resp:	1231599
Ion Ratio	Lower	Upper	
202	100		
101	8.2	6.2	9.2
100	6.2	5.2	7.8





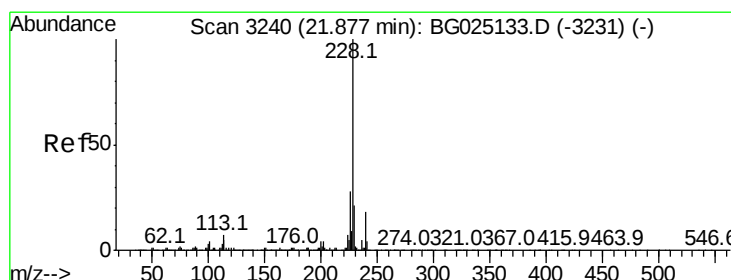
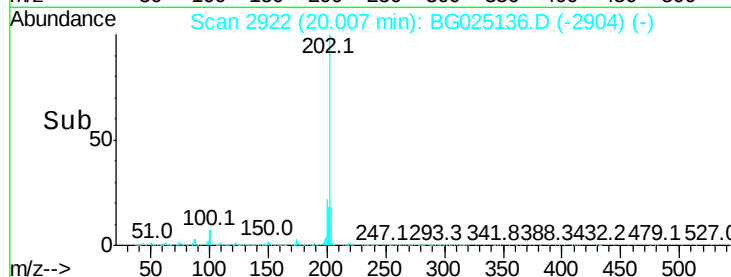
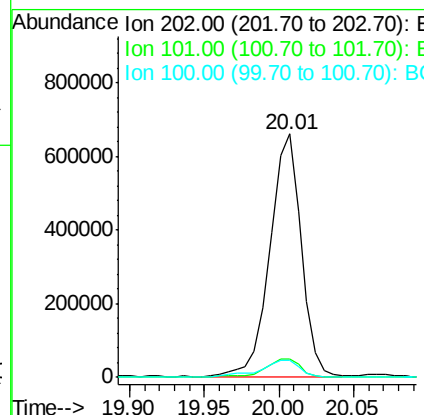
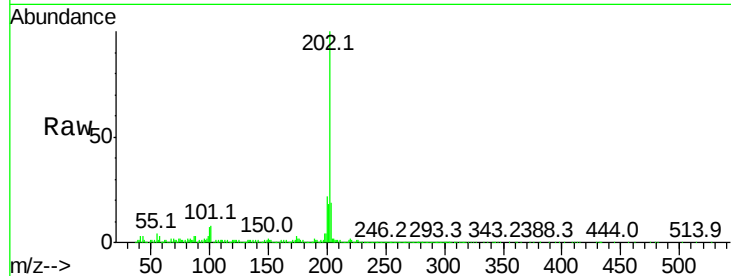
#77
 Pvrene
 Concen: 25.97 ng/ul
 RT: 20.01 min Scan# 2922
 Delta R.T. 0.00 min
 Lab File: BG025136.D
 Acq: 13 Dec 2016 5:17

Instrument :
 BNA_G
 ClientSampleId :
 DA8E6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	6.9	10.3
100	7.0	6.6	10.0

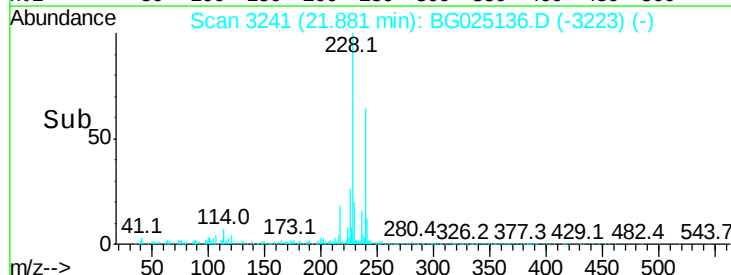
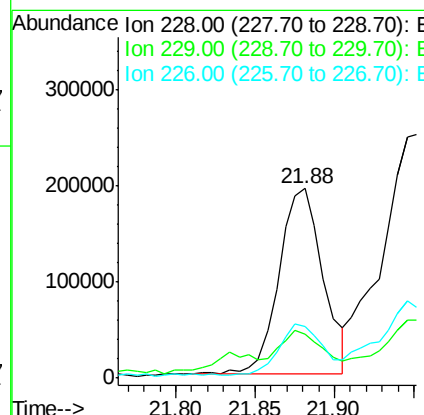
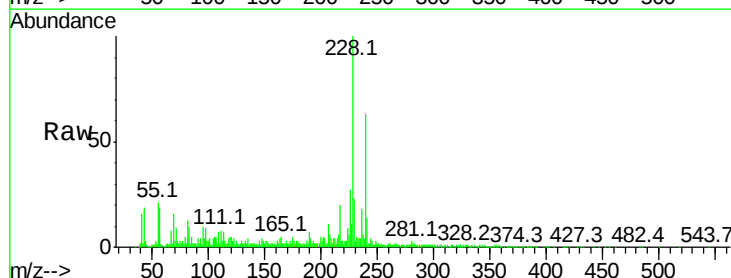
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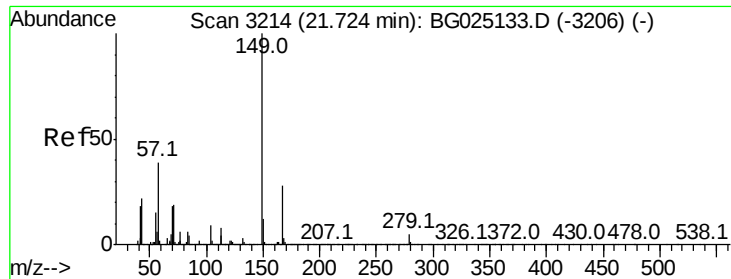
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#80
 Benzo(a)anthracene
 Concen: 9.37 ng/ul
 RT: 21.88 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: BG025136.D
 Acq: 13 Dec 2016 5:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.4	16.3	24.5
226	27.3	21.9	32.9





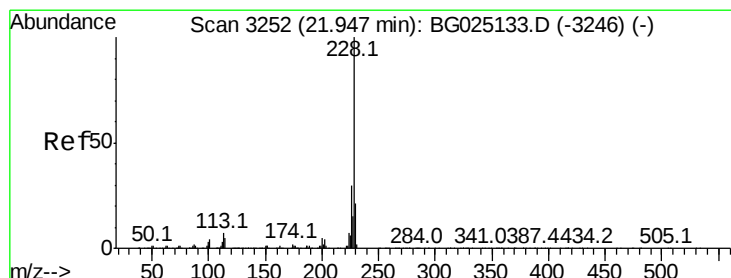
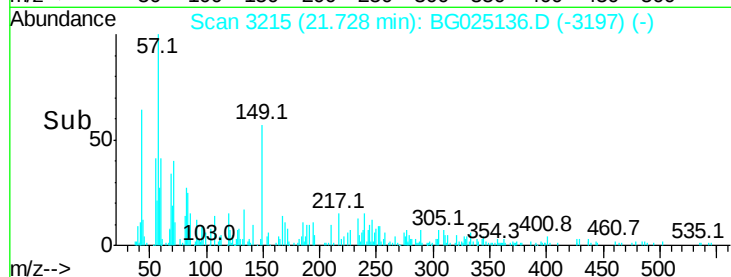
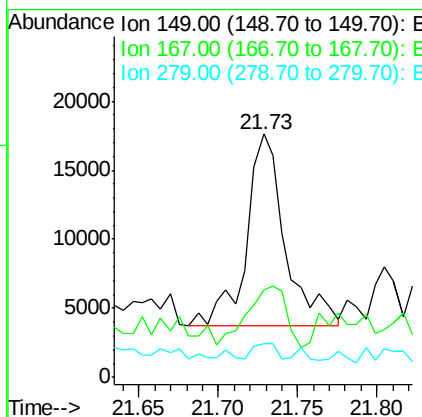
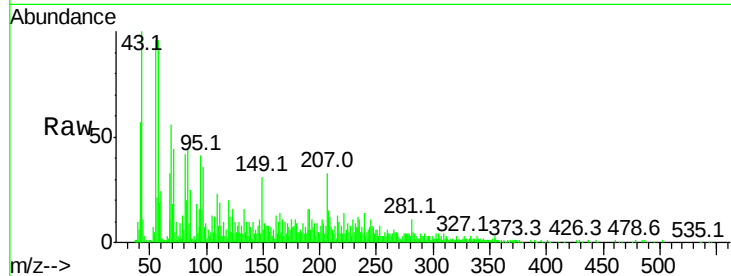
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 Bis(2-ethylhexyl)phthalate
 Concen: 1.19 ng/ul
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: BG025136.D
 Acq: 13 Dec 2016 5:17

Instrument :
 BNA_G
 ClientSampleId :
 DA8E6

Tot Ion	Ratio	Lower	Upper
149	100		
167	36.1	21.8	32.8#
279	14.1	4.5	6.7#

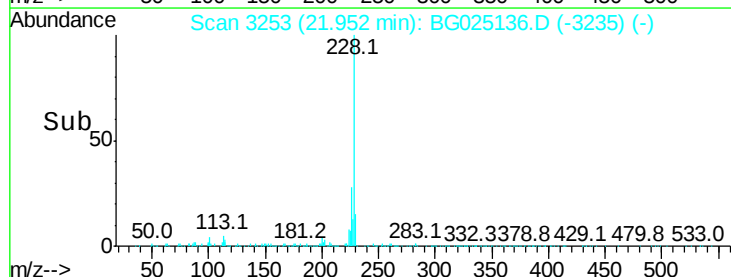
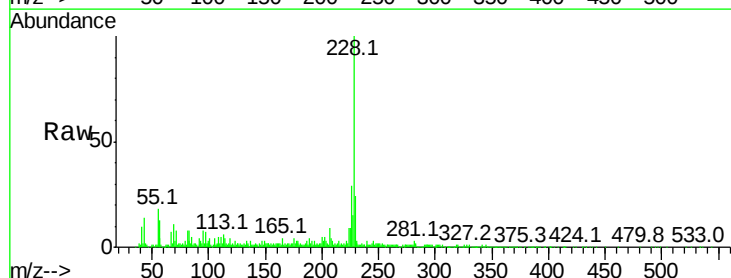
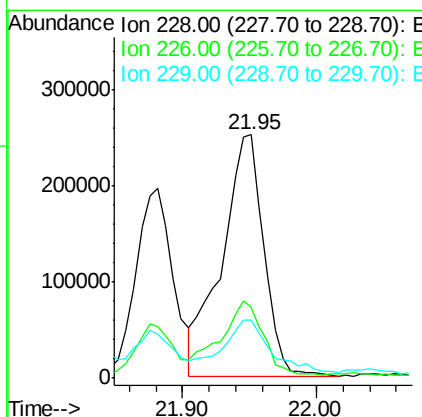
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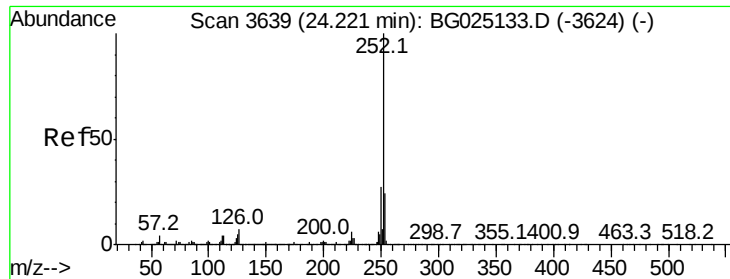
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#82
 Chrysene
 Concen: 14.79 ng/ul
 RT: 21.95 min Scan# 3253
 Delta R.T. 0.00 min
 Lab File: BG025136.D
 Acq: 13 Dec 2016 5:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	23.9	16.9	25.3





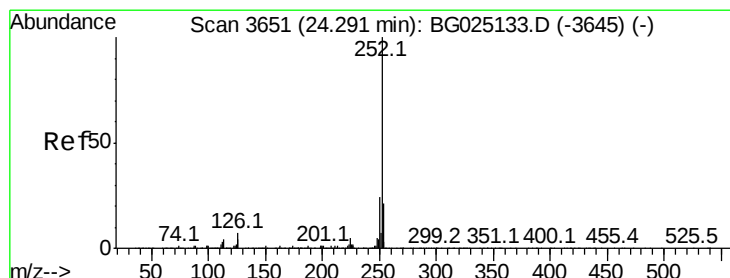
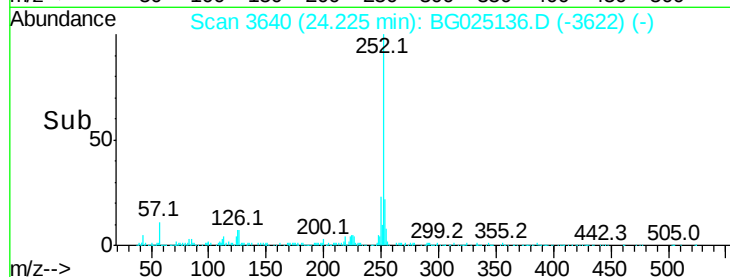
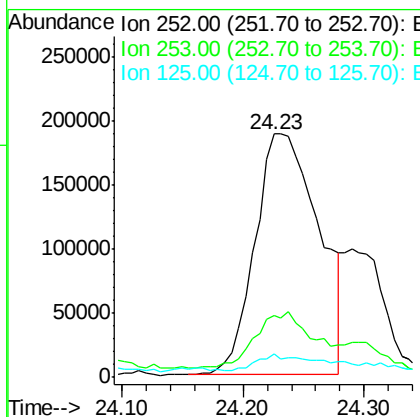
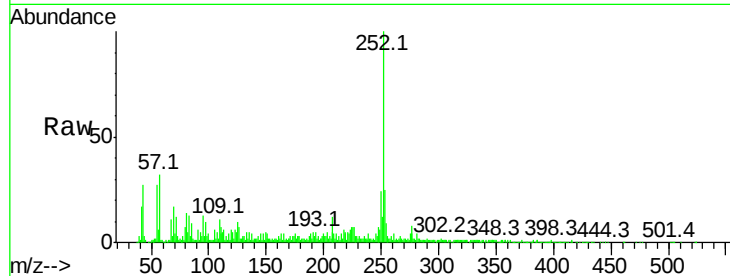
#85
Benzo(b)fluoranthene
Concen: 17.23 ng/ul
RT: 24.23 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG025136.D
Acq: 13 Dec 2016 5:17

Instrument :
BNA_G
ClientSampled :
DA8E6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	9.6	4.0	6.0

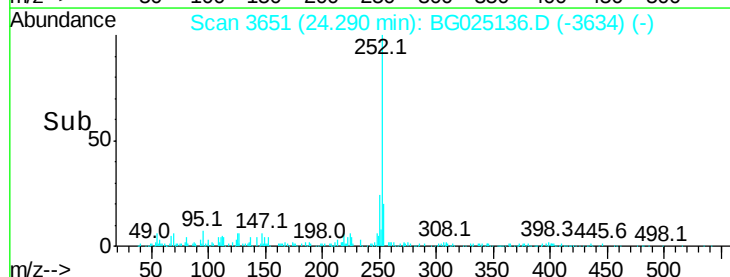
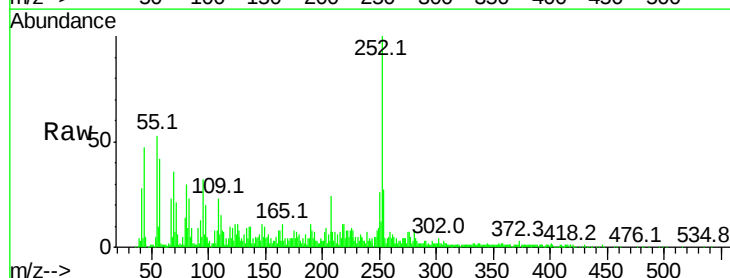
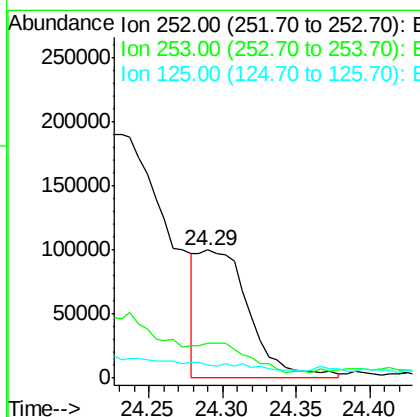
Manual Integrations
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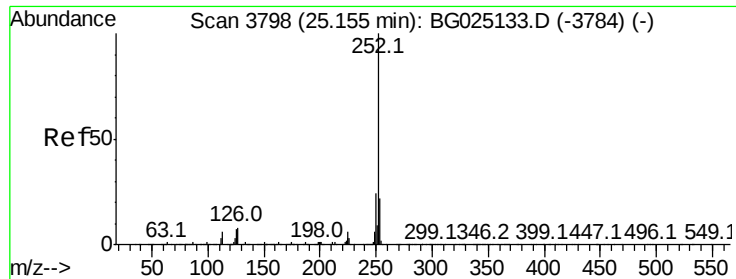
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#86
Benzo(k)fluoranthene
Concen: 6.47 ng/ul m
RT: 24.29 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BG025136.D
Acq: 13 Dec 2016 5:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.5	27.7
125	10.5	4.1	6.1





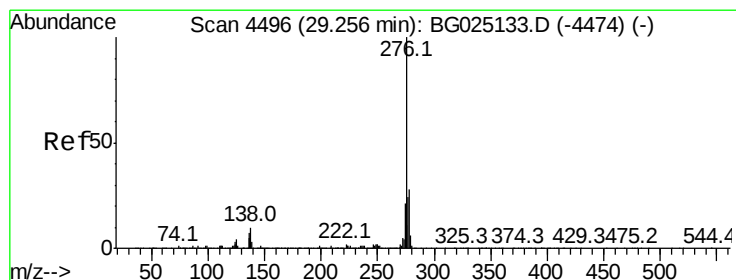
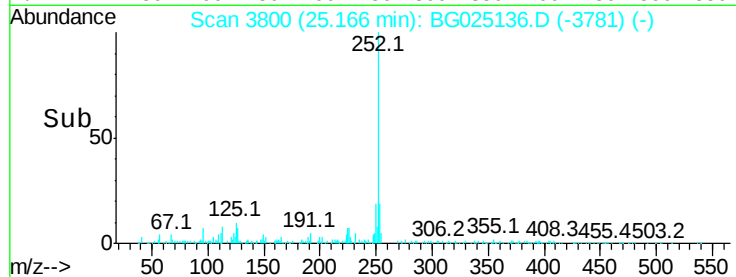
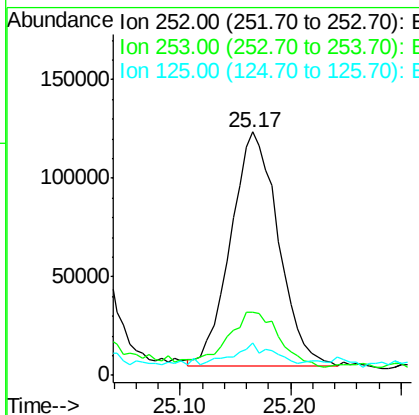
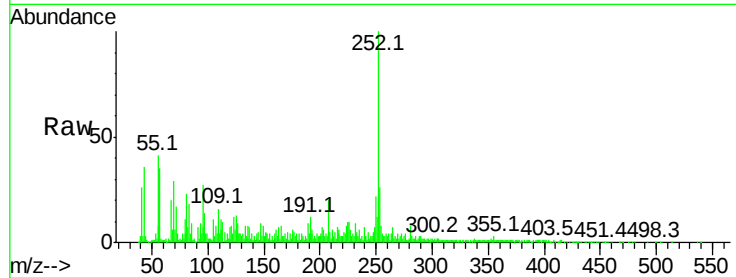
#88
Benzo(a)pyrene
Concen: 9.32 ng/ul
RT: 25.17 min Scan# 3800
Delta R.T. 0.01 min
Lab File: BG025136.D
Acq: 13 Dec 2016 5:17

Instrument :
BNA_G
ClientSampleId :
DA8E6

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.2	17.8	26.6
125	13.2	5.4	8.0

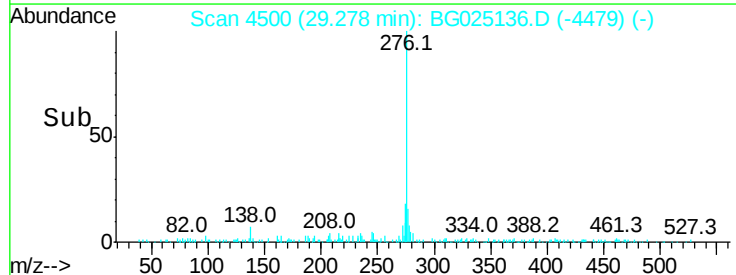
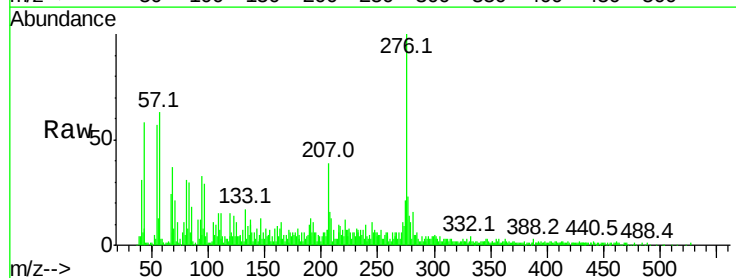
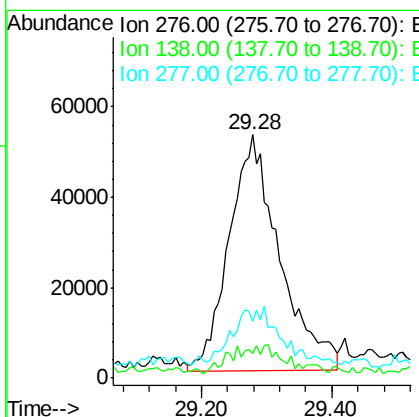
Manual Integrations
APPROVED

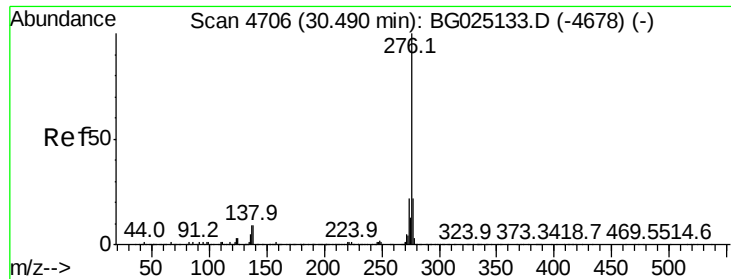
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#89
Indeno(1,2,3-cd)pyrene
Concen: 5.87 ng/ul m
RT: 29.28 min Scan# 4500
Delta R.T. 0.02 min
Lab File: BG025136.D
Acq: 13 Dec 2016 5:17

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	10.3	8.2	12.4
277	23.2	18.6	28.0





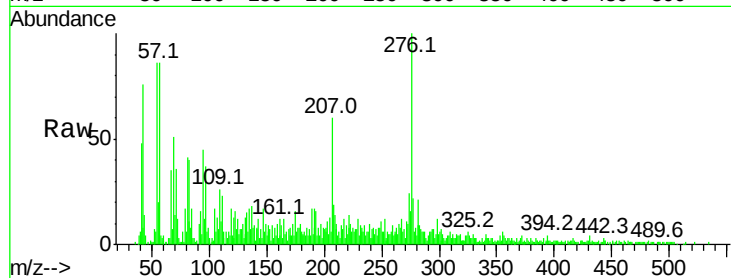
#91
 Benzo(a,h,i)perylene
 Concen: 5.51 ng/ul m
 RT: 30.51 min Scan# 4710
 Delta R.T. 0.02 min
 Lab File: BG025136.D
 Acq: 13 Dec 2016 5:17

Instrument :
 BNA_G
 ClientSampleId :
 DA8E6

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.0	8.6	12.8#
277	22.1	17.6	26.4

Manual Integrations
 APPROVED

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 12/13/2016 6:08:01 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

