Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021381.D
Acq On : 9 Mar 2016 00:27
Operator : UM/SJ
Sample : H1655-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-D350

Manual Integrations APPROVED
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3/9/2016 9:28:17 AM

Quant Time: Mar 09 02:57:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	12886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	63447	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	37290	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	84046	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	88296	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	82125	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1217	3.94	ng/uL	0.00
5) Phenol-d5	7.27	99	35503	26.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	23825	26.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	25666	27.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	27425	25.72	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	13524	26.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	14668	27.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	25406	26.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	32066	26.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	85220	27.64	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	109734	28.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	11927	19.64	ng/ul	0.00
58) Fluorene-d10	15.73	176	76402	27.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	11788	19.98	ng/ul	0.00
71) Anthracene-d10	17.57	188	117160	28.28	ng/ul	0.00
79) Pyrene-d10	19.84	212	131450	29.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	126169	28.87	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.18	163	19059	5.74	ng/ul	99
70) Phenanthrene	17.51	178	44798	8.97	ng/ul	98
72) Anthracene	17.61	178	8303m	1.64	ng/ul	
75) Carbazole	17.87	167	5299	1.20	ng/ul	95
77) Fluoranthene	19.51	202	75377	12.85	ng/ul	97
80) Pyrene	19.87	202	62222	10.62	ng/ul	99
83) Benzo(a)anthracene	21.71	228	35772	6.31	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	4506	1.14	ng/ul#	97
85) Chrysene	21.78	228	33451	6.33	ng/ul	96
88) Benzo(b)fluoranthene	23.95	252	42948	7.68	ng/ul	99
89) Benzo(k)fluoranthene	24.02	252	16211m	2.99	ng/ul	
91) Benzo(a)pyrene	24.83	252	29411	5.44	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.68	276	19490m	3.30	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	16414m	3.70	ng/ul	

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

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Instrument :
BNA_G
ClientSampleId :
MS-SS-D350

Manual Integrations APPROVED
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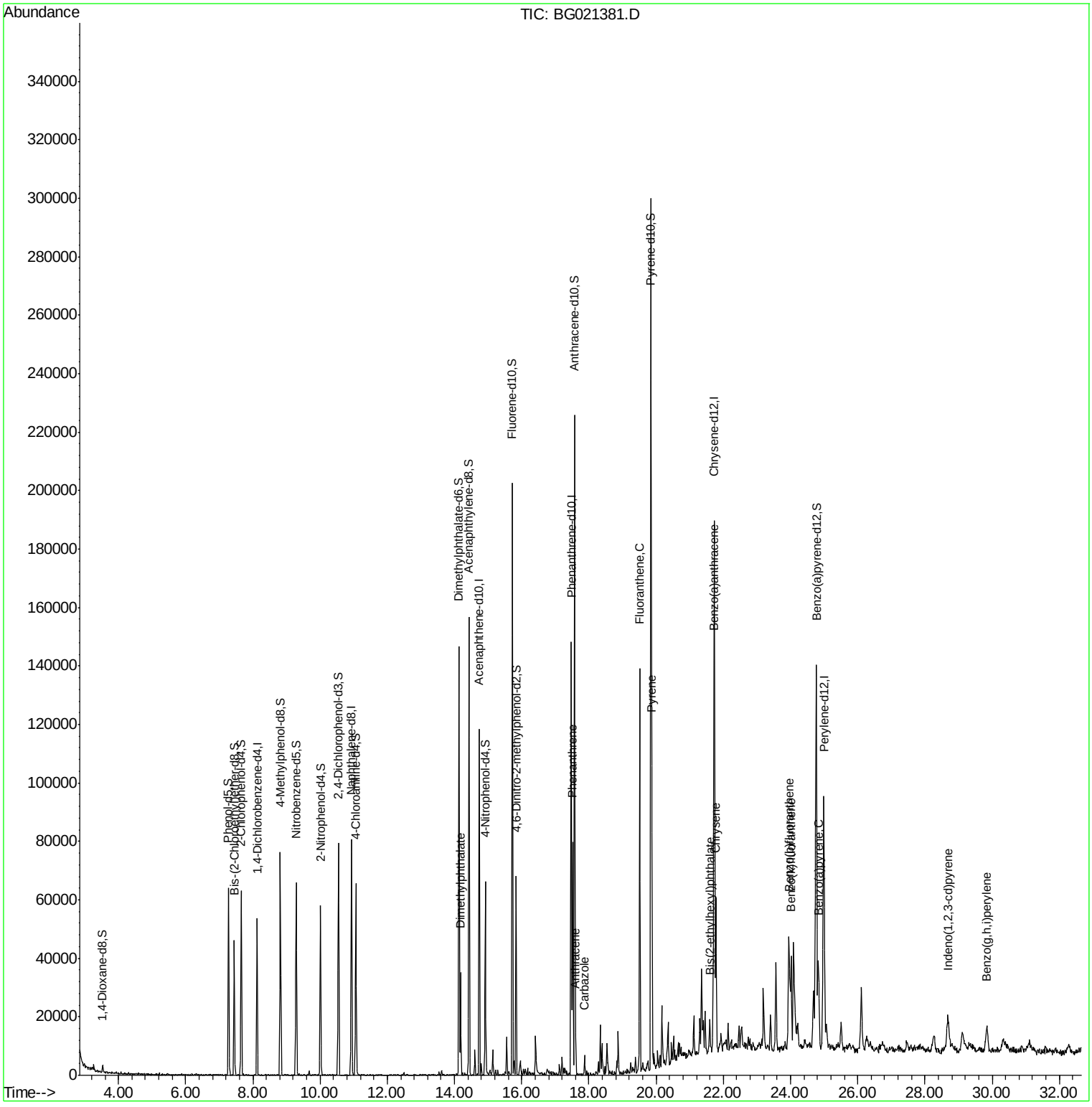
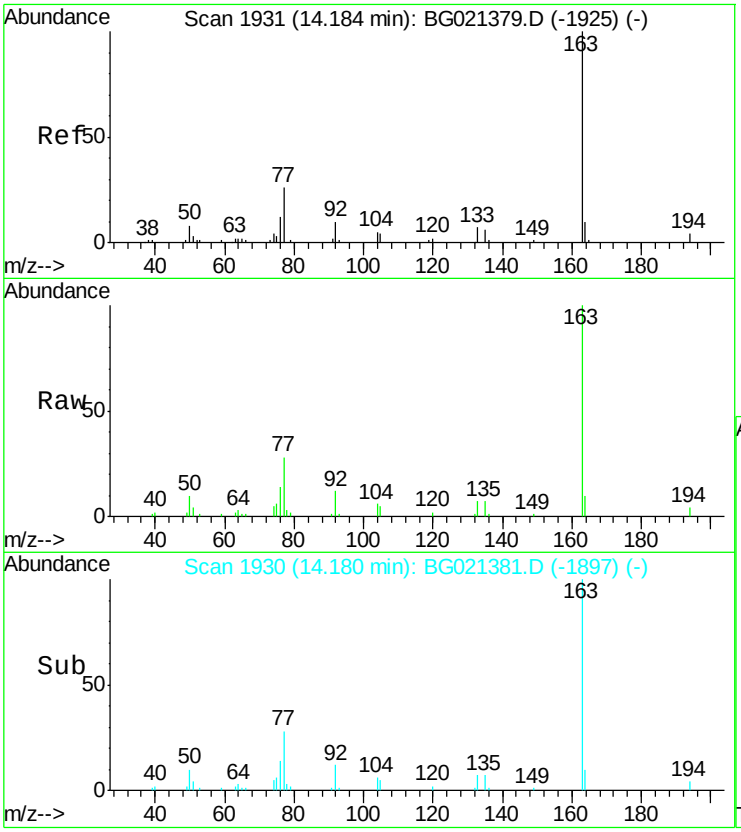
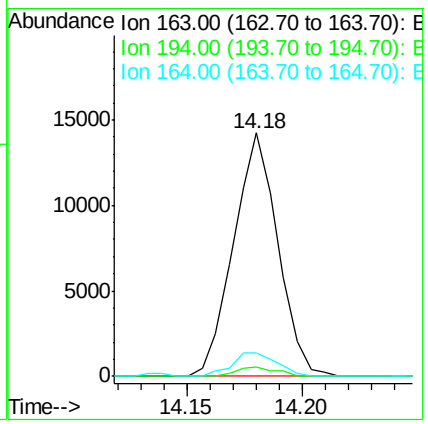




#45
Dimethylphthalate
Concen: 5.74 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:163 Resp: 19059

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	9.8	8.2	12.2



Instrument :
BNA_G
ClientSampleId :
MS-SS-D350

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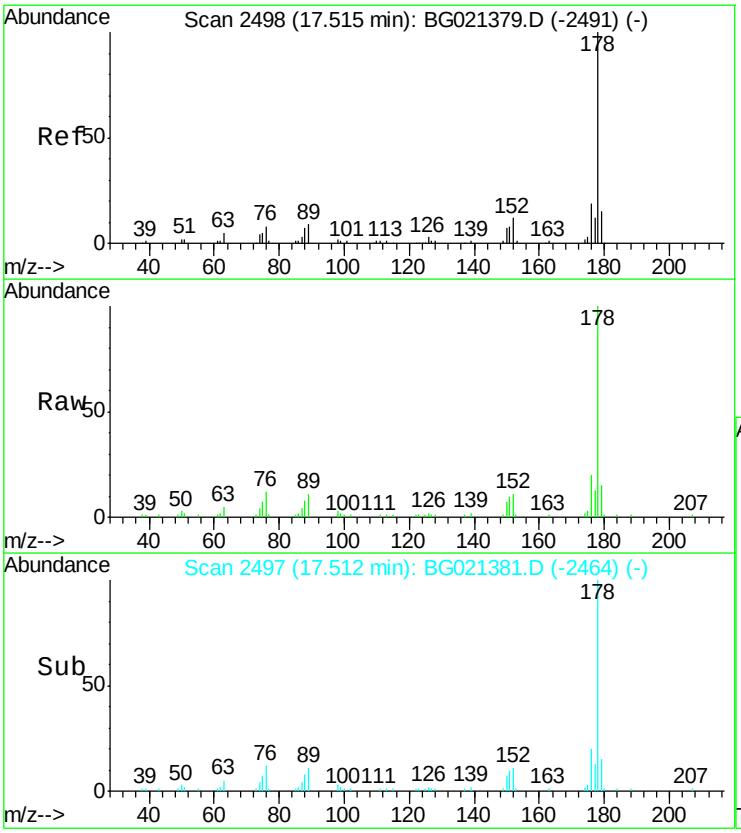
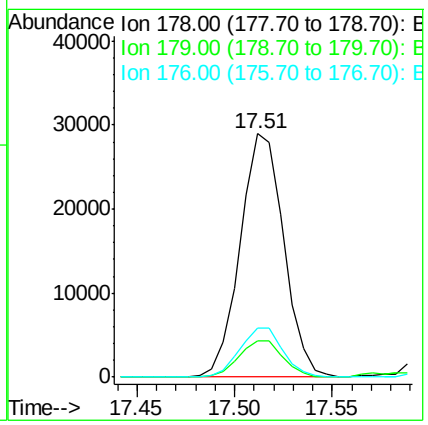
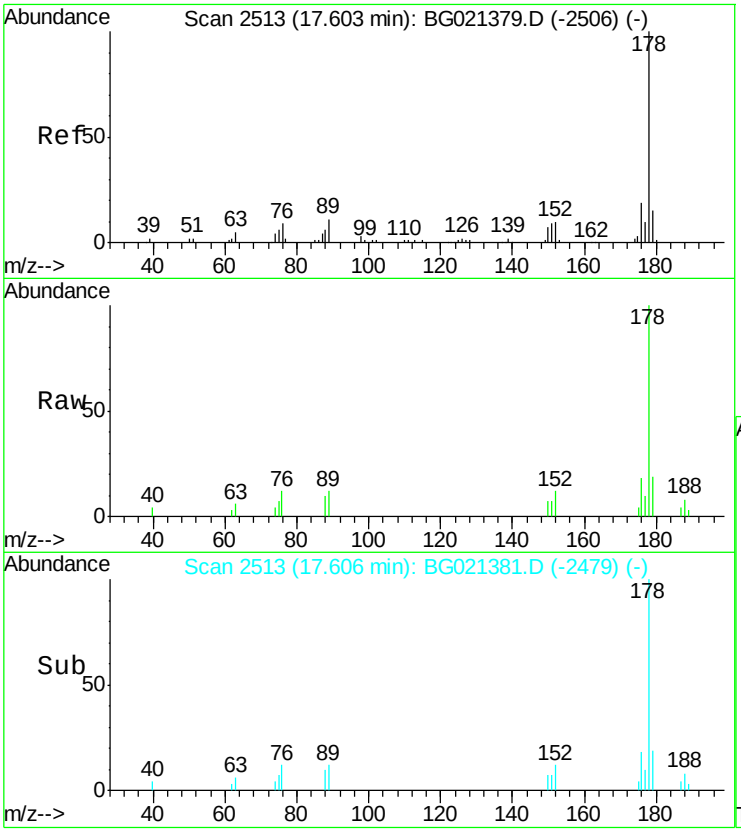


#70
Phenanthrene
Concen: 8.97 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:178 Resp: 44798

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	20.0	15.1	22.7

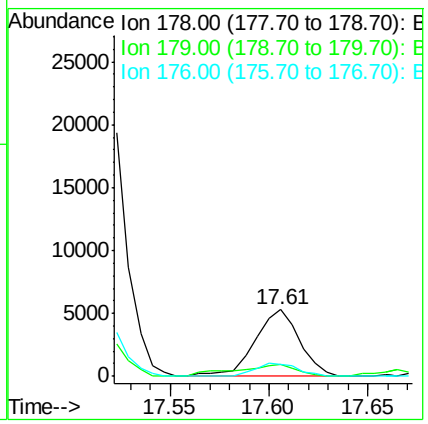




#72
Anthracene
Concen: 1.64 ng/ul m
RT: 17.61 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:178 Resp: 8303

Ion	Ratio	Lower	Upper
178	100		
179	18.8	11.8	17.8#
176	17.9	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
MS-SS-D350

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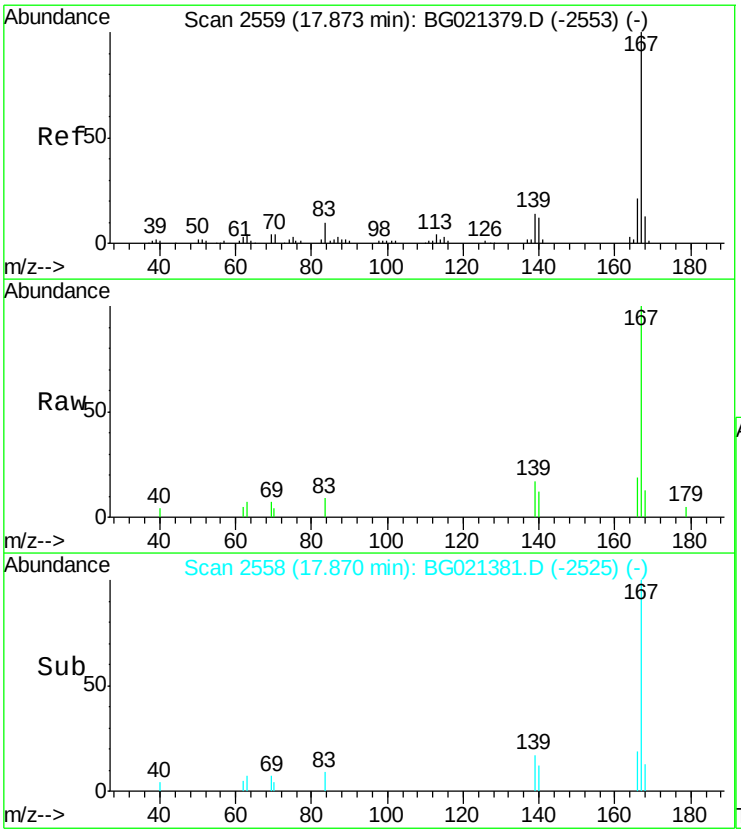
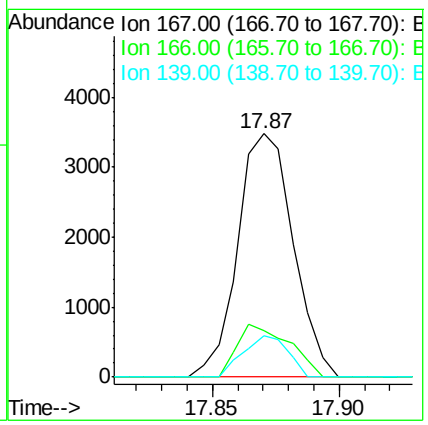
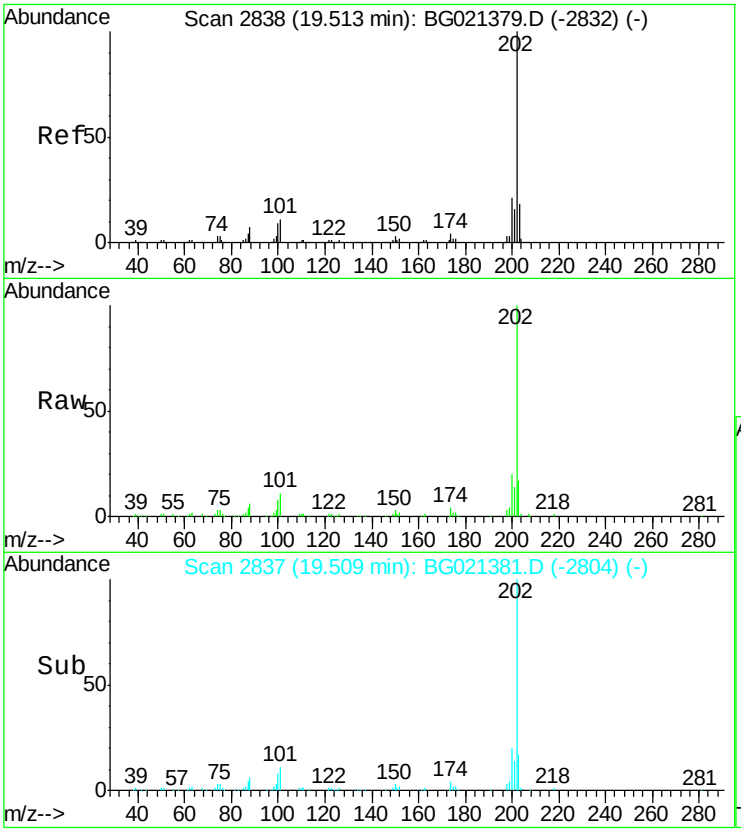


#75
Carbazole
Concen: 1.20 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:167 Resp: 5299

Ion	Ratio	Lower	Upper
167	100		
166	19.1	17.4	26.0
139	16.9	11.8	17.6

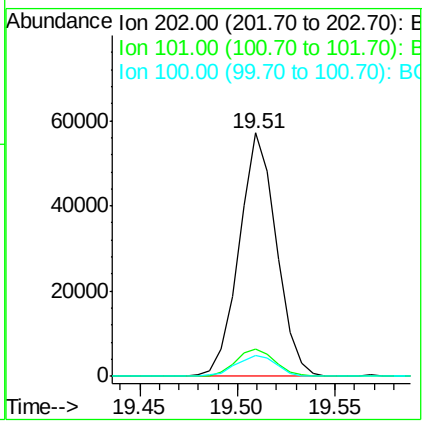




#77
Fluoranthene
Concen: 12.85 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:202 Resp: 75377

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.9	14.9
100	8.4	7.4	11.0



Instrument :
BNA_G
ClientSampleId :
MS-SS-D350

Manual Integrations APPROVED
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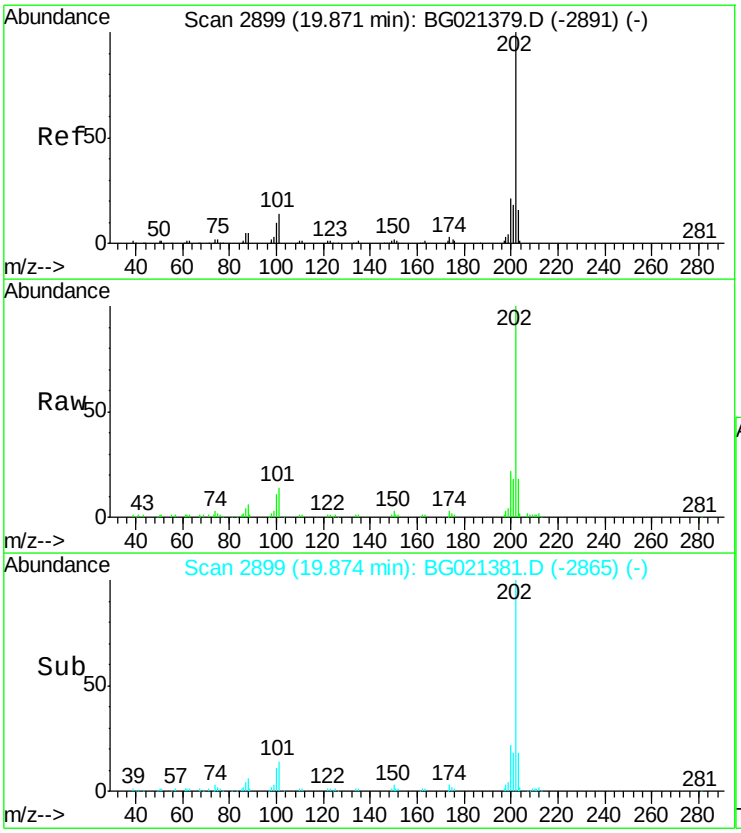
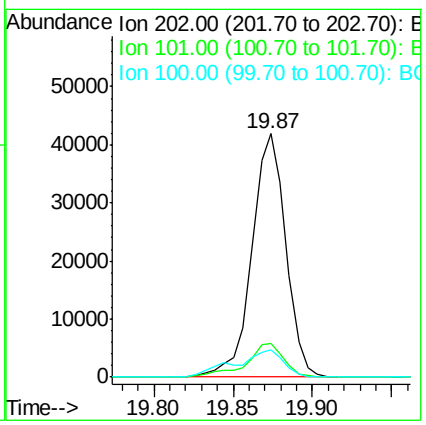
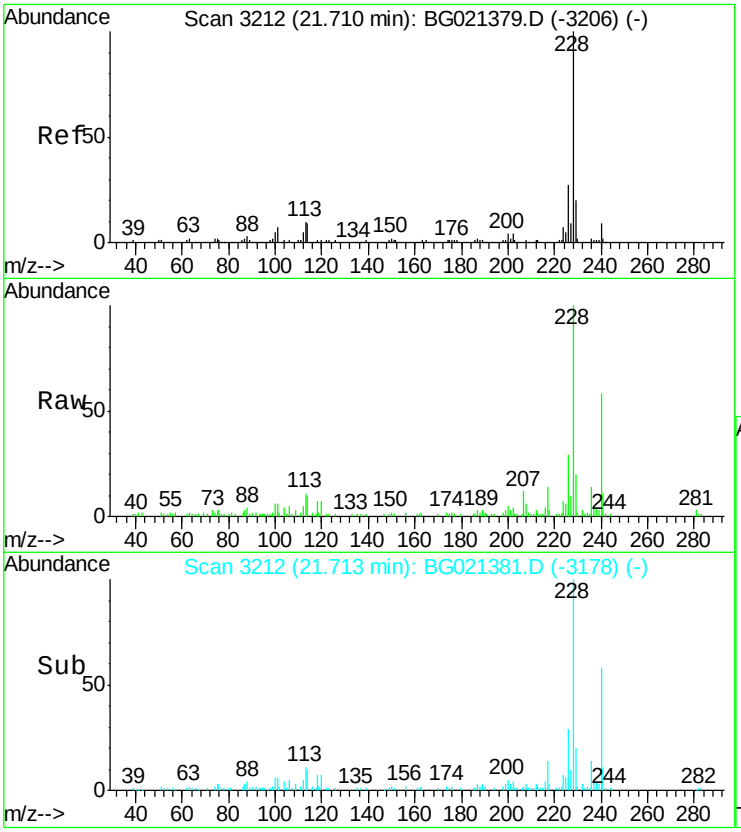


#80
Pyrene
Concen: 10.62 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:202 Resp: 62222

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.0	16.4
100	11.2	8.1	12.1





#83
Benzo(a)anthracene
Concen: 6.31 ng/ul
RT: 21.71 min Scan# 3212
Delta R.T. 0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:228 Resp: 35772

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	29.0	21.1	31.7

Instrument :
BNA_G
ClientSampleId :
MS-SS-D350

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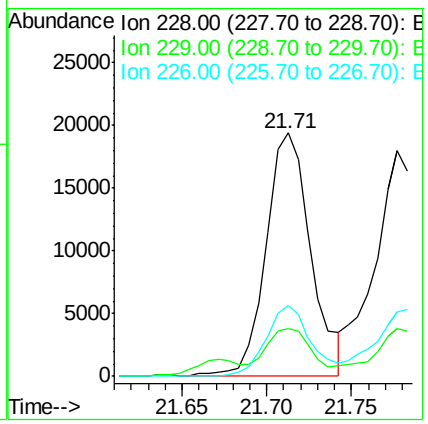
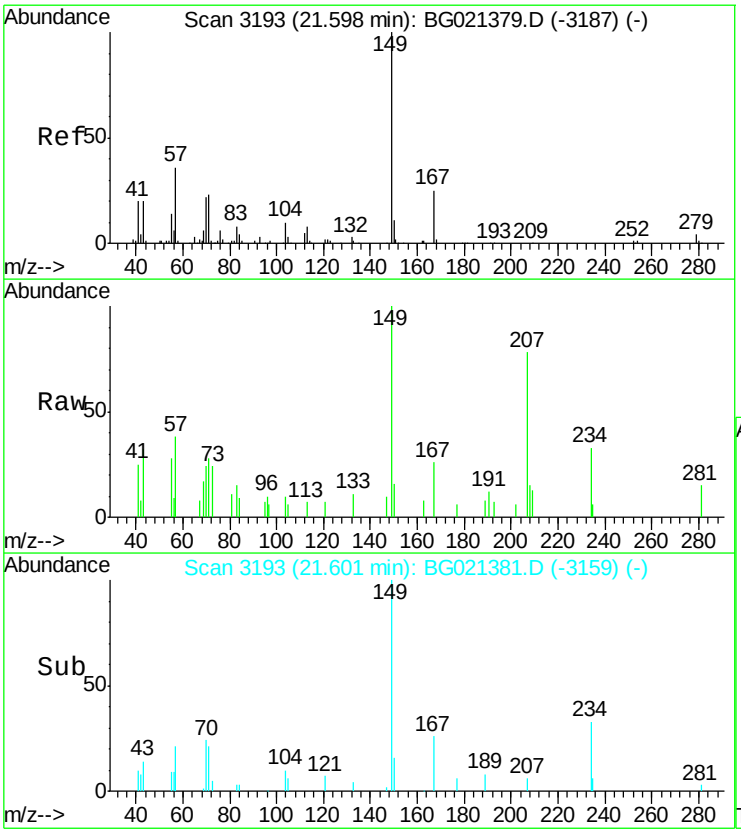
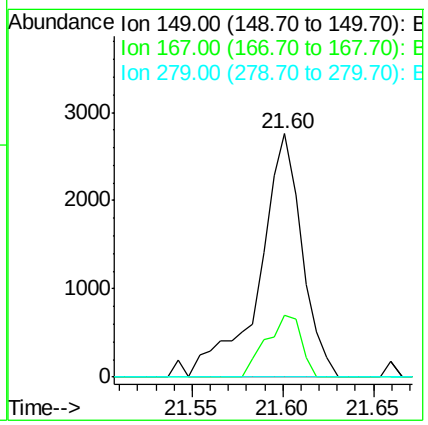


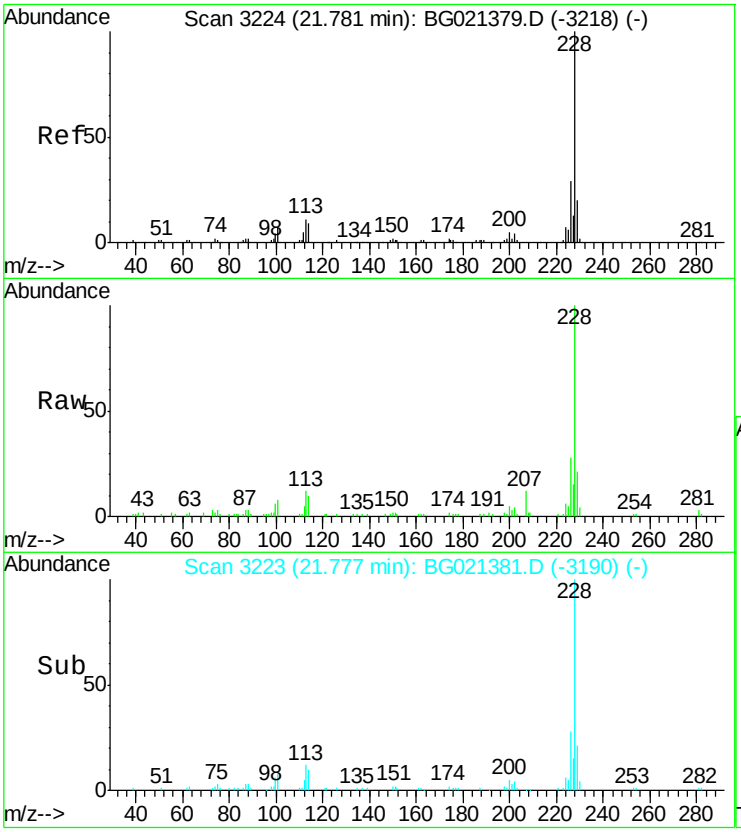


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.14 ng/ul
RT: 21.60 min Scan# 3193
Delta R.T. 0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:149 Resp: 4506

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.2	31.8
279	0.0	3.4	5.0#

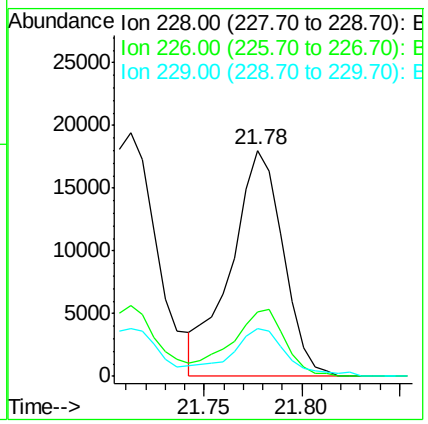




#85
Chrysene
Concen: 6.33 ng/ul
RT: 21.78 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:228 Resp: 33451

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.5	36.7
229	21.4	15.8	23.8



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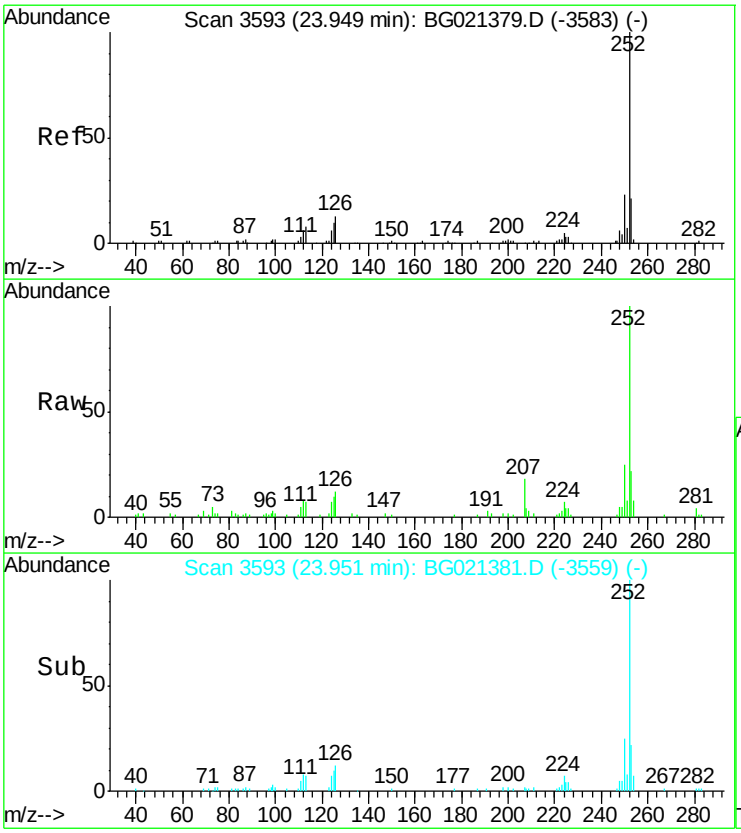
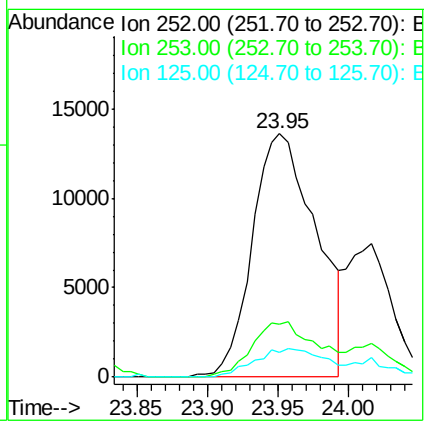
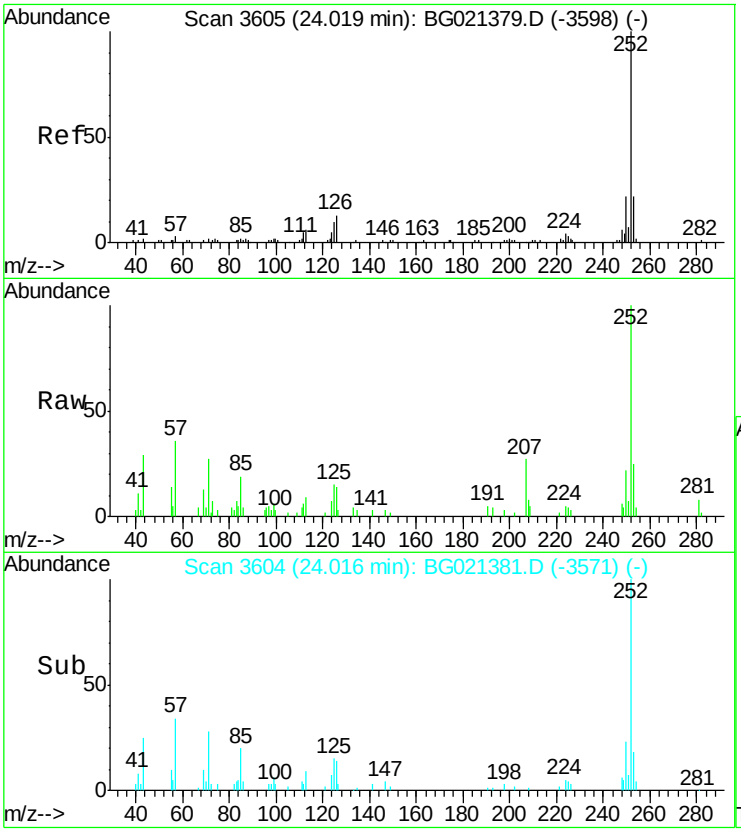


#88
Benzo(b)fluoranthene
Concen: 7.68 ng/ul
RT: 23.95 min Scan# 3593
Delta R.T. 0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:252 Resp: 42948

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.0	8.0	12.0





#89
Benzo(k)fluoranthene
Concen: 2.99 ng/ul m
RT: 24.02 min Scan# 3604
Delta R.T. -0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:252 Resp: 16211

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	14.7	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
MS-SS-D350

Manual Integrations APPROVED
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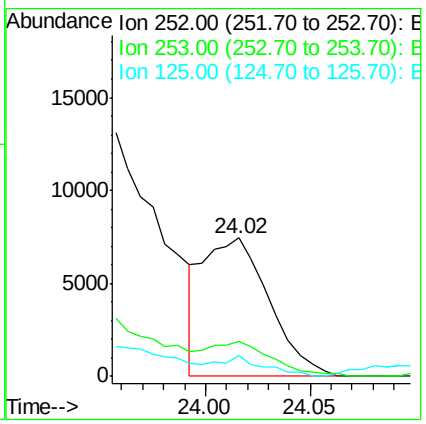
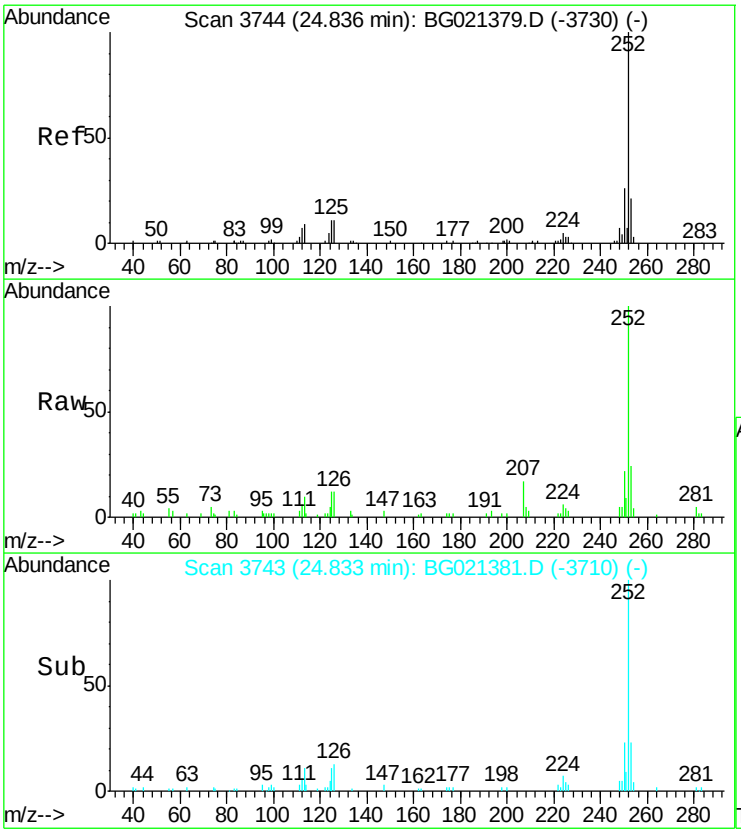
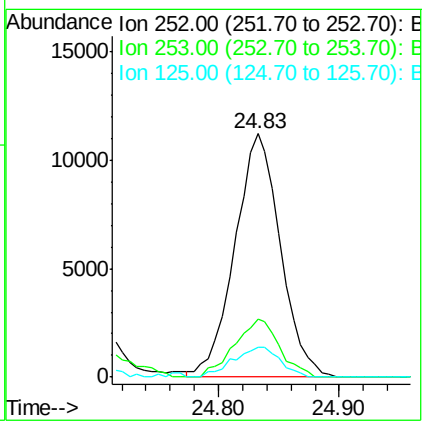


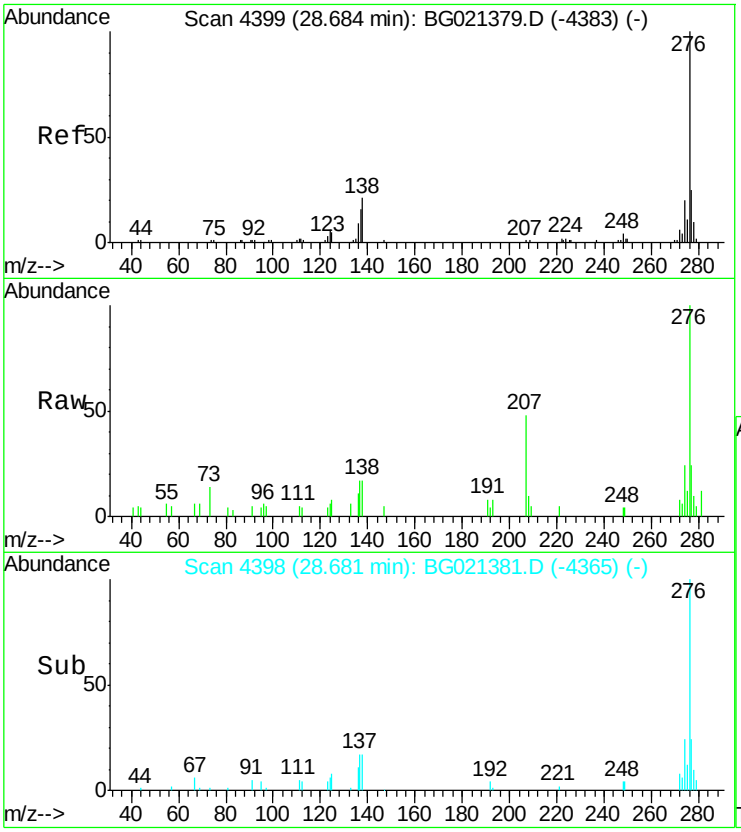


#91
Benzo(a)pyrene
Concen: 5.44 ng/ul
RT: 24.83 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:252 Resp: 29411

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	12.5	8.2	12.4#

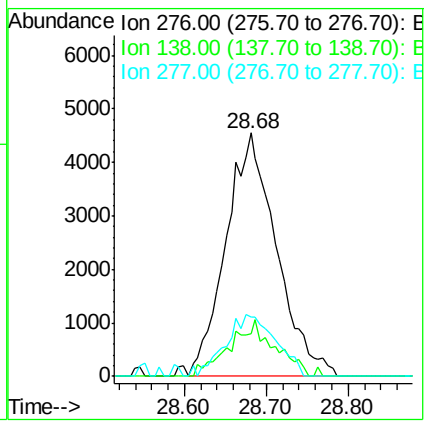




#92
Indeno(1,2,3-cd)pyrene
Concen: 3.30 ng/ul m
RT: 28.68 min Scan# 4398
Delta R.T. -0.00 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:276 Resp: 19490

Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.4	21.6
277	24.1	18.0	27.0



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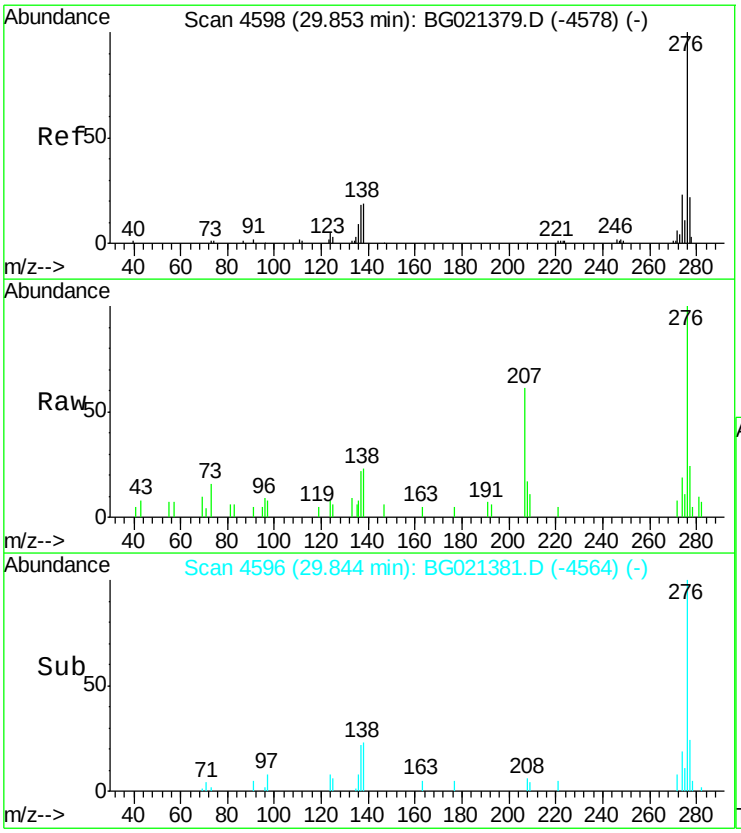

#94
Benzo(g,h,i)perylene
Concen: 3.70 ng/ul m
RT: 29.84 min Scan# 4596
Delta R.T. -0.01 min
Lab File: BG021381.D
Acq: 9 Mar 2016 00:27

Tgt Ion:276 Resp: 16414

Ion	Ratio	Lower	Upper
276	100		
138	22.9	15.3	22.9
277	24.3	19.0	28.4