

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
 Data File : BM014391.D
 Acq On : 27 Feb 2018 20:14
 Operator : SJ/JU
 Sample : J1646-22 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE600

Manual Integrations
 APPROVED

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 2/28/2018 1:59:27 PM

Quant Time: Feb 28 03:05:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 00:45:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	104996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	443211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	249147	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	524743m	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	478827	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	485926	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	2534	1.03	ng/uL	0.00
5) Phenol-d5	6.73	99	29769	3.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	19675	3.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	29526	4.34	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	24047	3.10	ng/ul	0.03
19) Nitrobenzene-d5	8.69	128	15169	4.63	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	13507m	3.98	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.96	165	27925m	3.98	ng/ul	0.03
29) 4-Chloroaniline-d4	10.47	131	26679m	3.86	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	97390	4.73	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	117580	4.63	ng/ul	0.01
51) 4-Nitrophenol-d4	14.50	143	1055	0.37	ng/ul	0.07
57) Fluorene-d10	15.19	176	84399	4.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.04	188	118260	4.67	ng/ul	0.00
76) Pyrene-d10	19.35	212	132732	5.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	114623	4.85	ng/ul	0.00

Target Compounds

					Ovalue	
69) Phenanthrene	16.99	178	362525m	11.991	ng/ul	
71) Anthracene	17.08	178	68990	2.269	ng/ul	98
74) Fluoranthene	19.02	202	499410m	13.826	ng/ul	
77) Pyrene	19.38	202	420677	13.220	ng/ul#	95
80) Benzo(a)anthracene	21.14	228	222838	7.457	ng/ul	97
82) Chrysene	21.19	228	190542	6.835	ng/ul	94
85) Benzo(b)fluoranthene	22.69	252	224407	6.897	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	84128m	2.720	ng/ul	
88) Benzo(a)pyrene	23.23	252	172301	5.926	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.49	276	109538	3.882	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.48	278	29836m	1.273	ng/ul	
91) Benzo(g,h,i)perylene	26.16	276	80142	3.506	ng/ul#	95

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

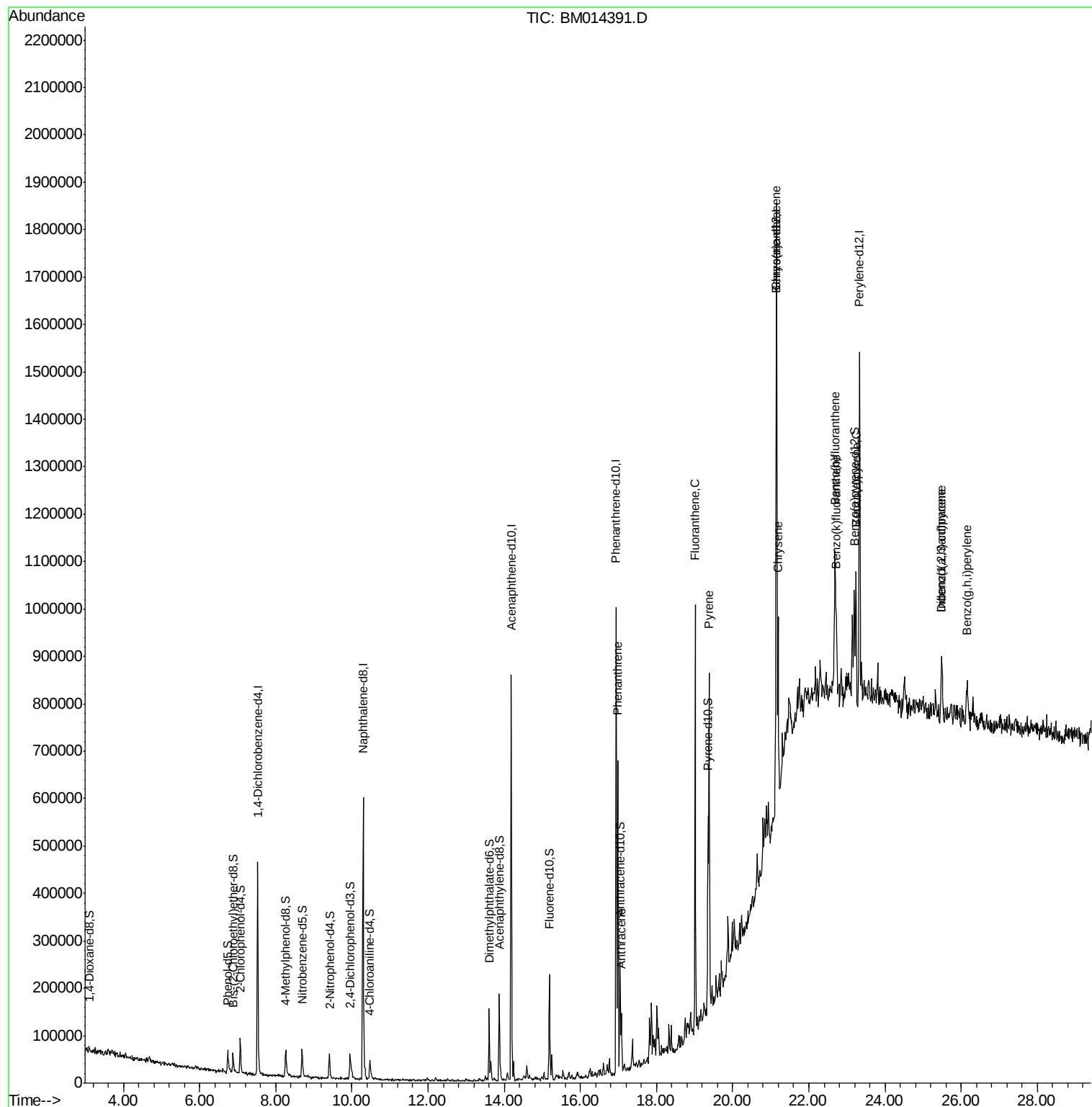
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014391.D
Acq On : 27 Feb 2018 20:14
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Sample : J1646-22 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

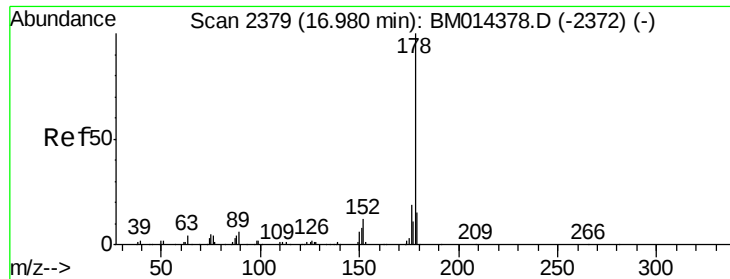
Instrument :
BNA_M
ClientSampleId :
BE600

Quant Time: Feb 28 03:05:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
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#69

Phenanthrene

Concen: 11.991 ng/ul m

RT: 16.99 min Scan# 2380

Delta R.T. 0.01 min

Lab File: BM014391.D

Acq: 27 Feb 2018 20:14

Instrument :

BNA_M

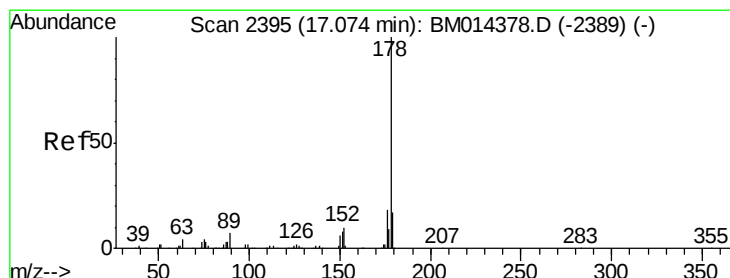
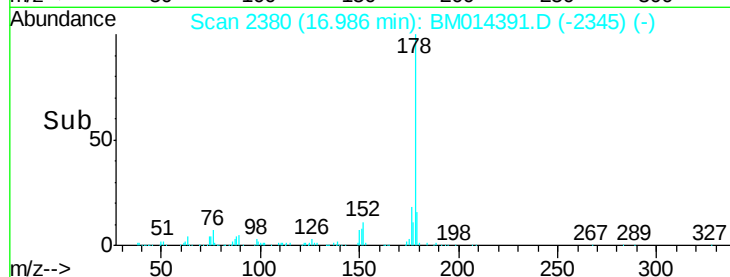
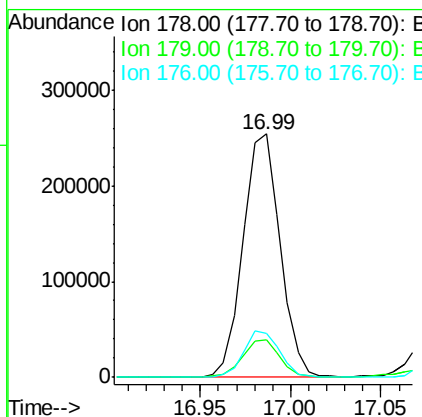
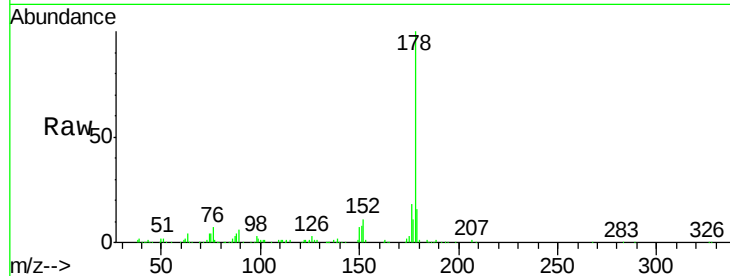
ClientSampleId :

BE600

Tot Ion:	178	Resp:	362525
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	17.9	14.9	22.3

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#71

Anthracene

Concen: 2.269 ng/ul

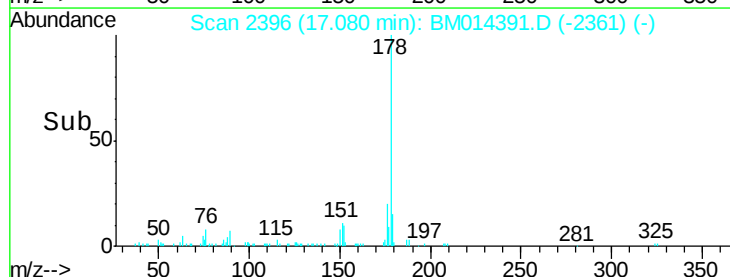
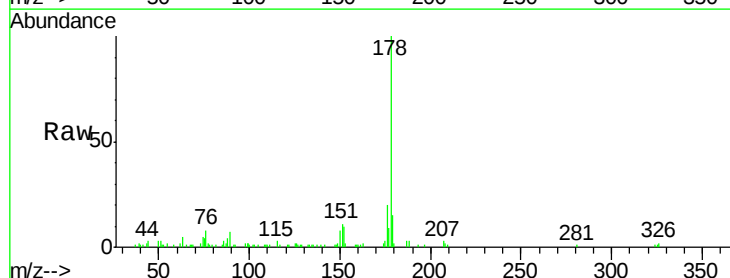
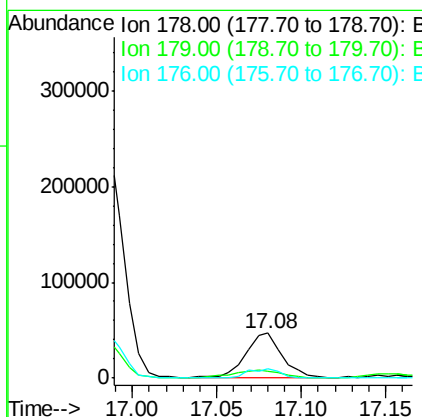
RT: 17.08 min Scan# 2396

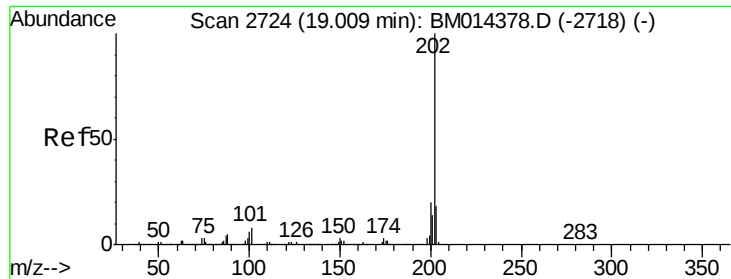
Delta R.T. 0.01 min

Lab File: BM014391.D

Acq: 27 Feb 2018 20:14

Tgt Ion:	178	Resp:	68990
Ion Ratio	Lower	Upper	
178	100		
179	15.1	11.7	17.5
176	19.7	14.6	21.8





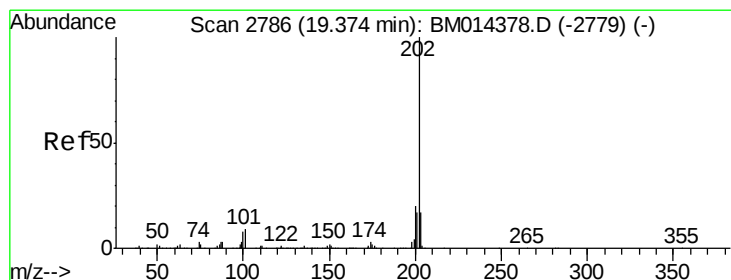
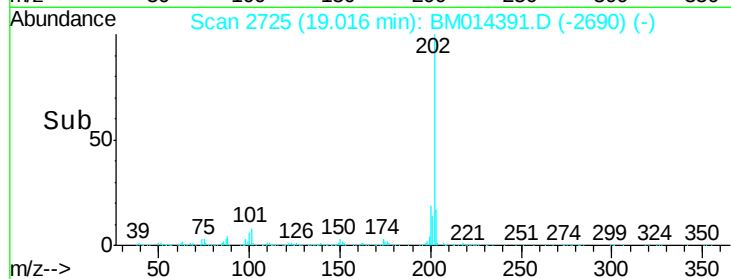
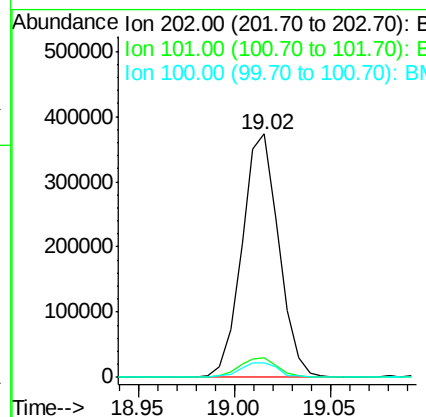
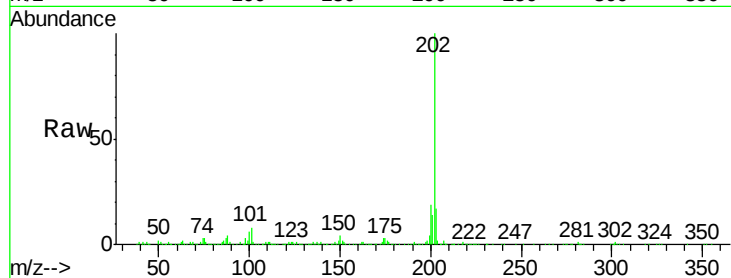
#74
 Fluoranthene
 Concen: 13.826 ng/ul m
 RT: 19.02 min Scan# 2725
 Delta R.T. 0.01 min
 Lab File: BM014391.D
 Acq: 27 Feb 2018 20:14

Instrument :
 BNA_M
 ClientSampleId :
 BE600

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		499410		
101	7.9	4.6	7.0#		
100	6.2	3.4	5.2#		

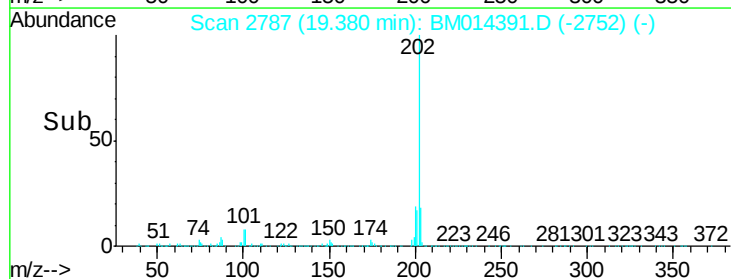
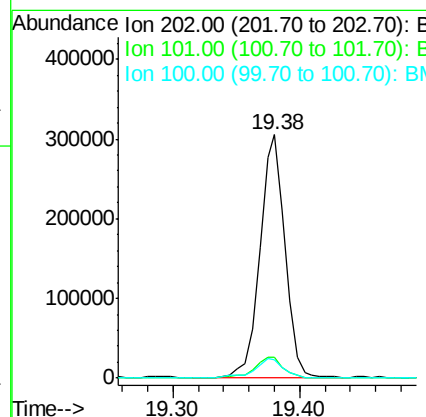
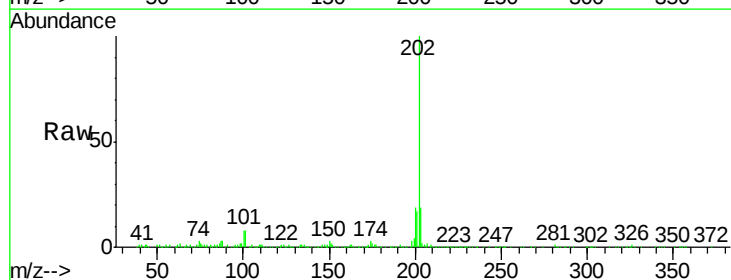
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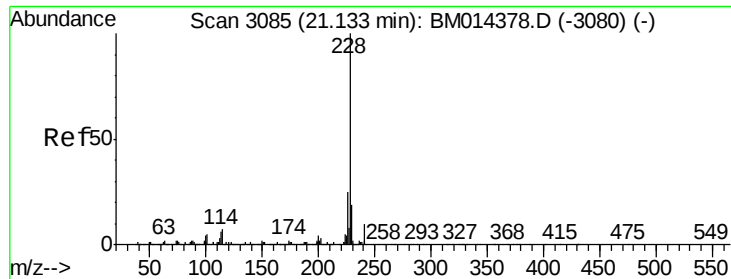
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#77
 Pyrene
 Concen: 13.220 ng/ul
 RT: 19.38 min Scan# 2787
 Delta R.T. 0.01 min
 Lab File: BM014391.D
 Acq: 27 Feb 2018 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		420677		
101	8.3	5.1	7.7#		
100	7.7	4.9	7.3#		





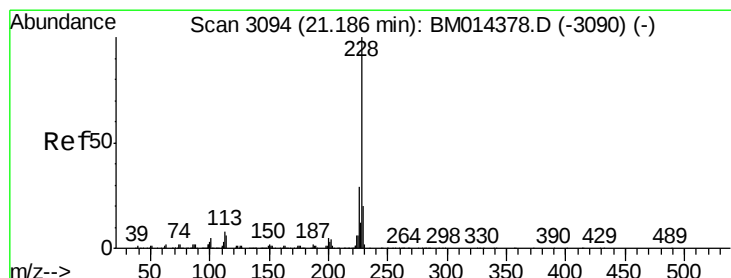
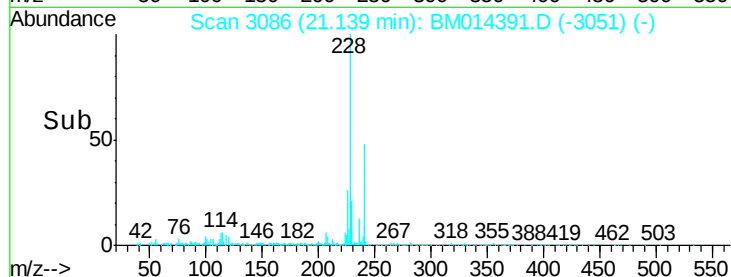
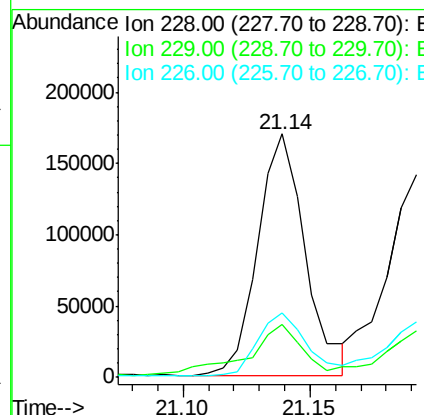
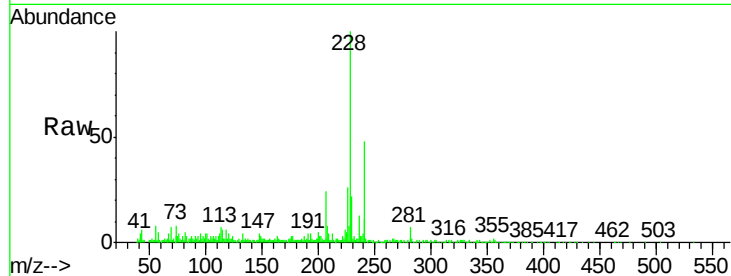
#80
Benzo(a)anthracene
Concen: 7.457 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Instrument :
BNA_M
ClientSampled :
BE600

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.0
226	26.3	21.4	32.0

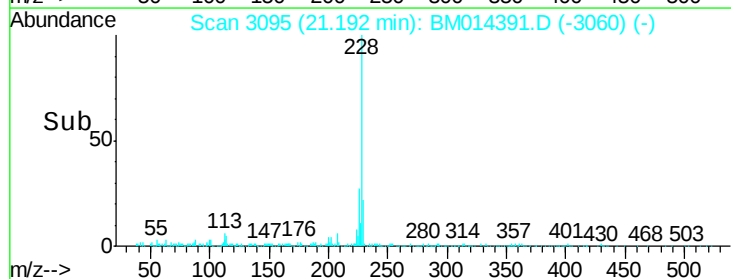
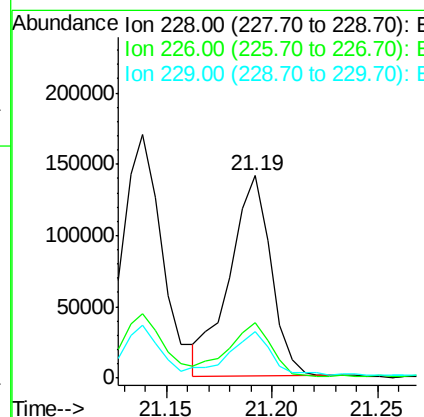
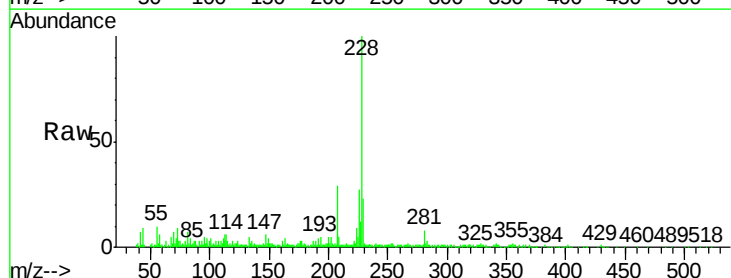
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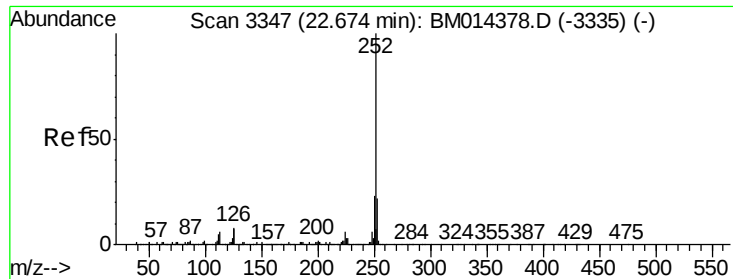
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#82
Chrysene
Concen: 6.835 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014391.D
Acq: 27 Feb 2018 20:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.2
229	23.2	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 6.897 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BM014391.D

Acq: 27 Feb 2018 20:14

Instrument :

BNA_M

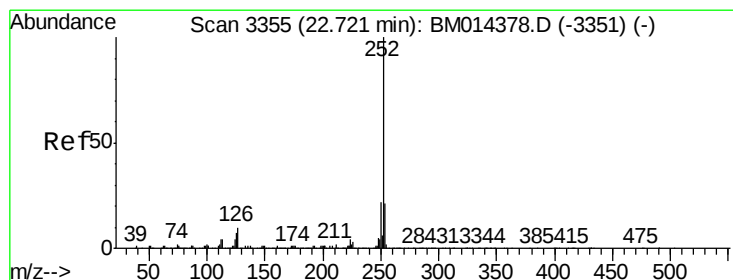
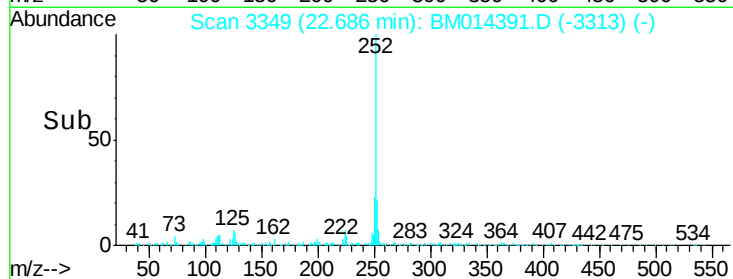
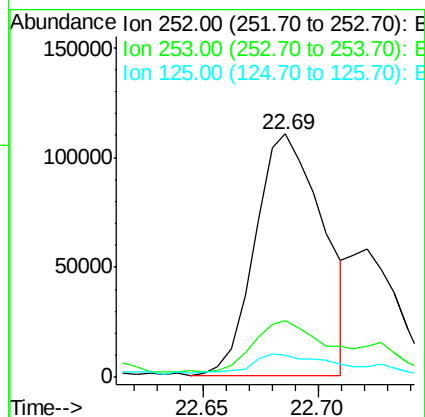
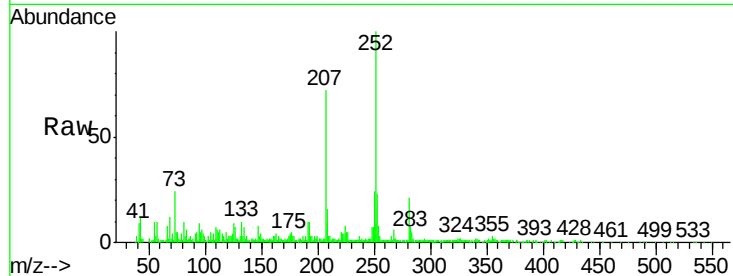
ClientSampled :

BE600

Tot Ion:	252	Resp:	224407
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.9	26.9
125	8.9	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 2.720 ng/ul m

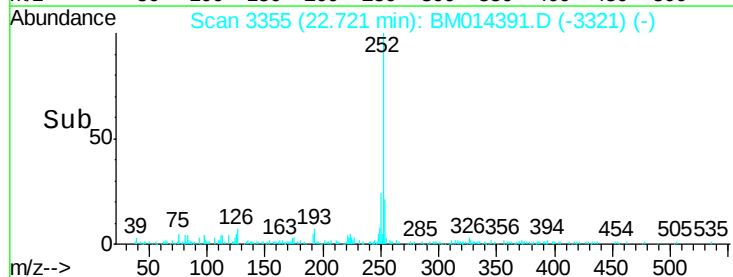
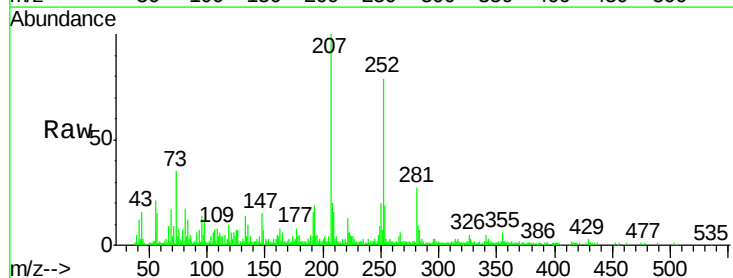
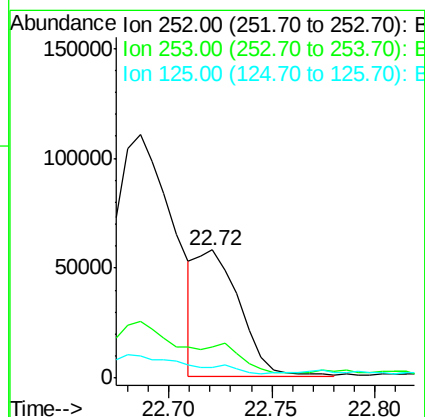
RT: 22.72 min Scan# 3355

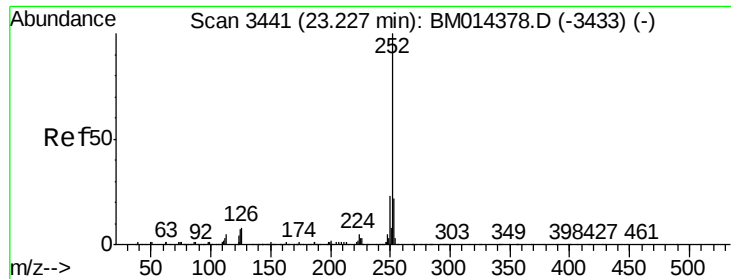
Delta R.T. 0.00 min

Lab File: BM014391.D

Acq: 27 Feb 2018 20:14

Tgt Ion:	252	Resp:	84128
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	8.6	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 5.926 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. 0.01 min

Lab File: BM014391.D

Acq: 27 Feb 2018 20:14

Instrument :

BNA_M

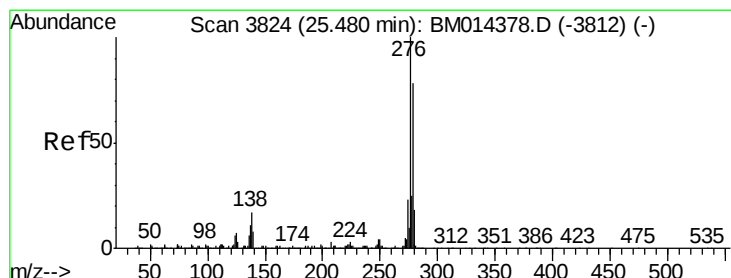
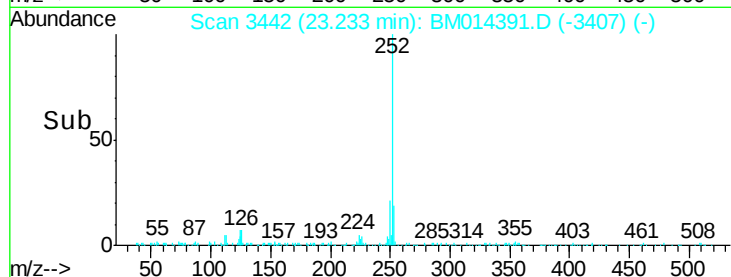
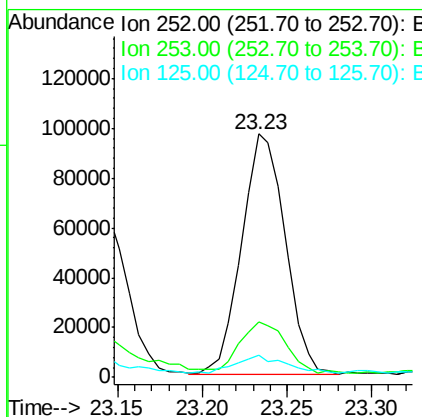
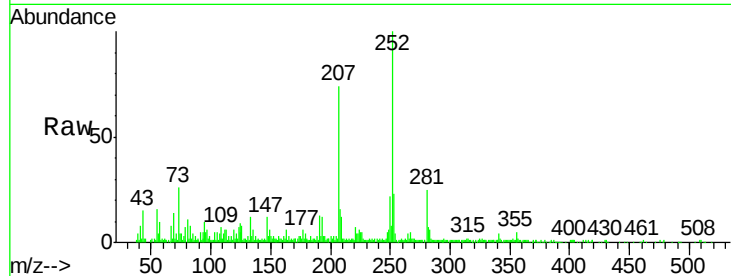
ClientSampleId :

BE600

Tot Ion:	252	Resp:	172301
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	9.1	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.882 ng/ul

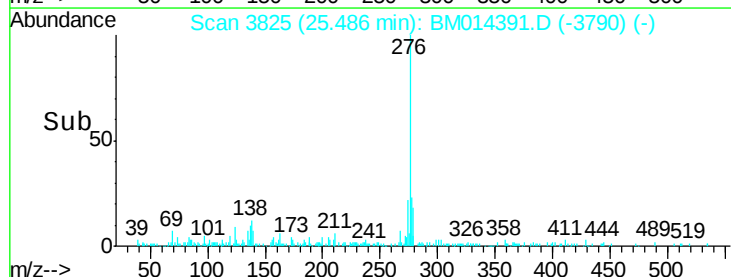
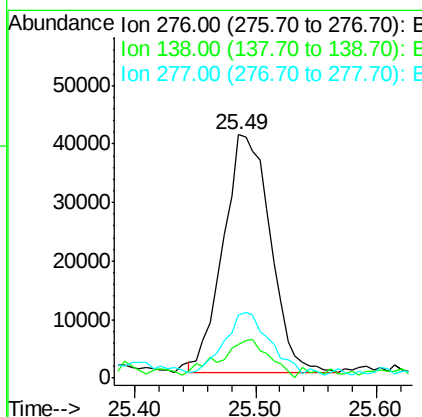
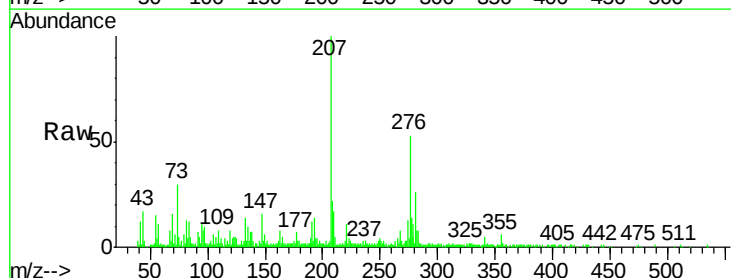
RT: 25.49 min Scan# 3825

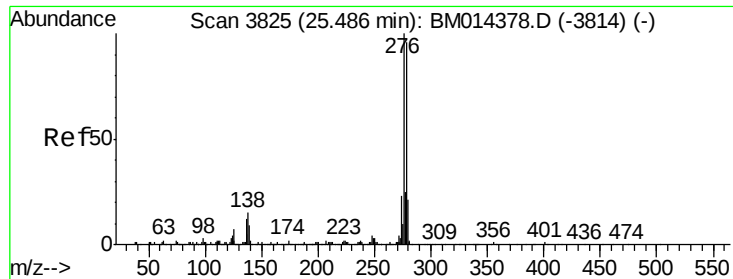
Delta R.T. 0.01 min

Lab File: BM014391.D

Acq: 27 Feb 2018 20:14

Tgt Ion:	276	Resp:	109538
Ion Ratio	Lower	Upper	
276	100		
138	14.0	9.3	13.9#
277	25.9	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 1.273 ng/ul m

RT: 25.48 min Scan# 3824

Delta R.T. -0.01 min

Lab File: BM014391.D

Acq: 27 Feb 2018 20:14

Instrument :

BNA_M

ClientSampled :

BE600

Tot Ion:278 Resp: 29836

Ion Ratio Lower Upper

278 100

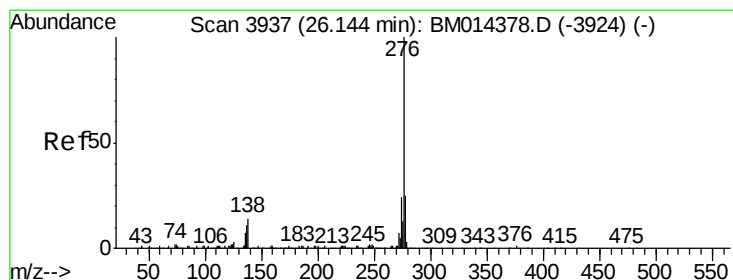
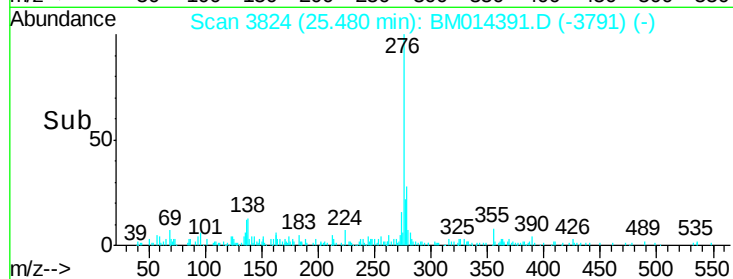
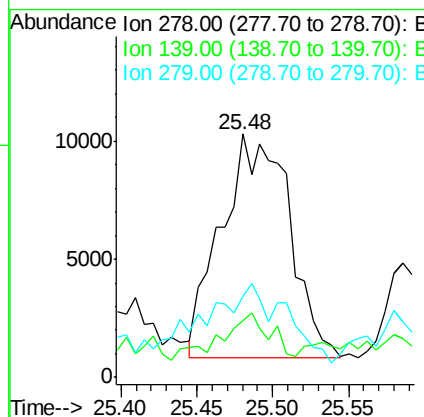
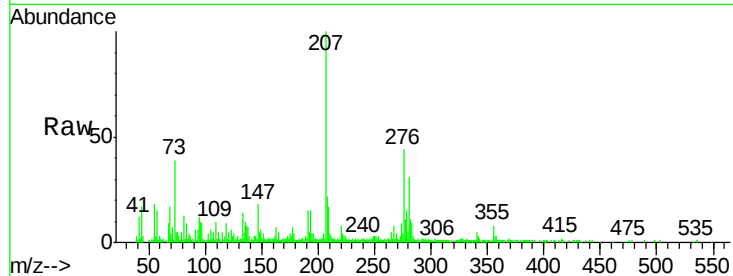
139 23.2 5.8 8.8#

279 33.3 18.6 27.8#

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#91

Benzo(g,h,i)perylene

Concen: 3.506 ng/ul

RT: 26.16 min Scan# 3939

Delta R.T. 0.01 min

Lab File: BM014391.D

Acq: 27 Feb 2018 20:14

Tgt Ion:276 Resp: 80142

Ion Ratio Lower Upper

276 100

138 15.4 8.5 12.7#

277 22.4 18.6 28.0

