

Data Path : Z:\HPCHEM1\BNA M\Data\BM052316\
 Data File : BM005633.D
 Acq On : 24 May 2016 06:07
 Operator : UM/SJ
 Sample : H3086-19RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGG9RE

Manual Integrations
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Quant Time: Jun 01 08:33:17 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 06:55:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	193073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	646553	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.47	164	240433	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.22	188	460034	20.00	ng/ul	0.03
75) Chrysene-d12	21.40	240	325988	20.00	ng/ul	0.04
83) Perylene-d12	23.75	264	329301m	20.00	ng/ul	0.11

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	6814	1.55	ng/uL	0.00
5) Phenol-d5	6.99	99	257592	16.28	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.14	67	145331	15.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	215956	16.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	205036	15.81	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	105312	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	105290	19.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	192440	18.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.72	131	518621	50.53	ng/ul	-0.02
43) Dimethylphthalate-d6	13.87	166	297329	15.15	ng/ul	0.03
46) Acenaphthylene-d8	14.17	160	436997	17.81	ng/ul	0.04
51) 4-Nitrophenol-d4	14.70	143	79038	21.29	ng/ul	0.04
57) Fluorene-d10	15.47	176	331843	19.43	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	15.57	200	15628	5.91	ng/ul	0.02
70) Anthracene-d10	17.31	188	404238	18.45	ng/ul	0.03
76) Pyrene-d10	19.60	212	347338	23.53	ng/ul	0.03
87) Benzo(a)pyrene-d12	23.60	264	278657	18.12	ng/ul	0.10

Target Compounds

						Ovalue
34) 2-Methylnaphthalene	12.28	142	1122724	47.24	ng/ul	99
49) Acenaphthene	14.53	153	780860	47.50	ng/ul	96
58) Fluorene	15.52	166	584735	31.13	ng/ul#	88
69) Phenanthrene	17.26	178	1464325	56.95	ng/ul#	94
77) Pyrene	19.63	202	588839	31.42	ng/ul	99
82) Chrysene	21.44	228	238560	13.09	ng/ul#	58

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

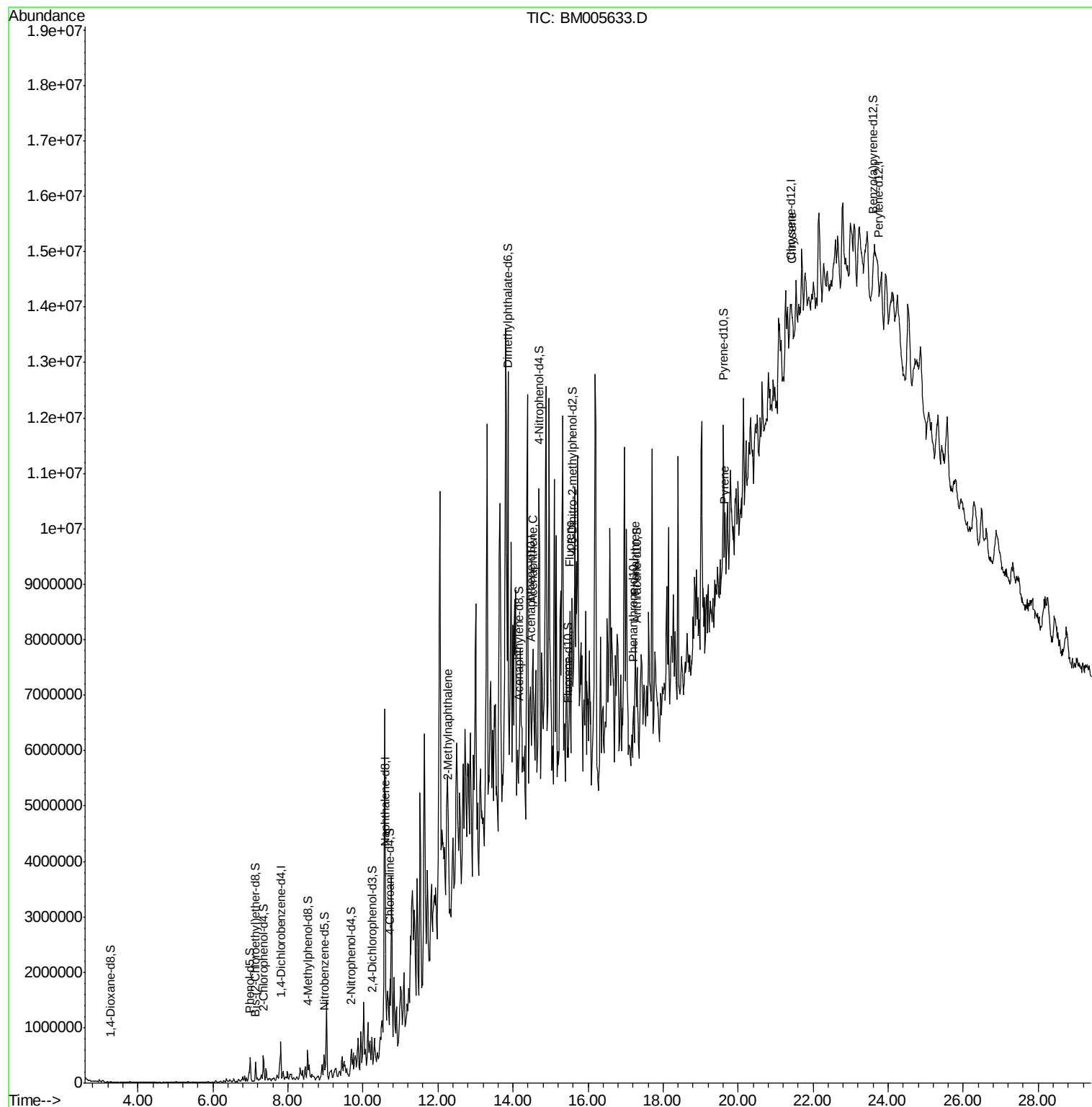
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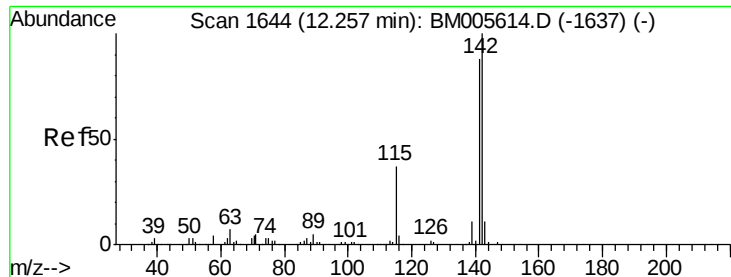
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration





#34

2-Methylnaphthalene

Concen: 47.24 ng/ul

RT: 12.28 min Scan# 1648

Delta R.T. 0.02 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

Tot Ion:142 Resp: 1122724

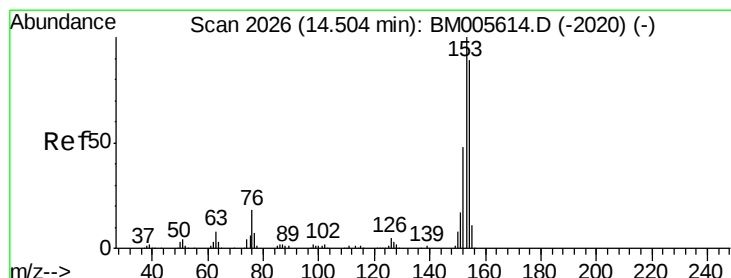
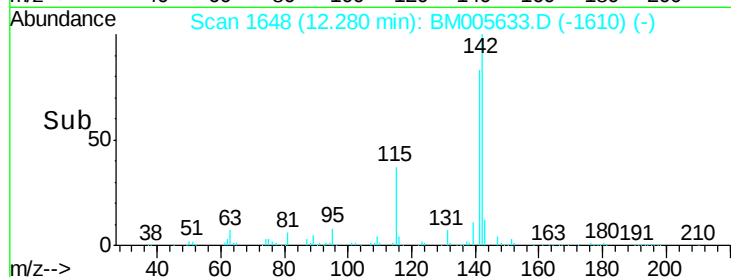
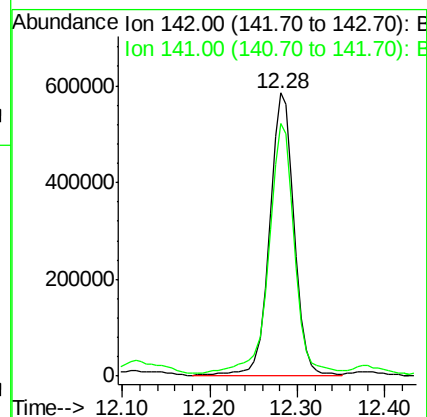
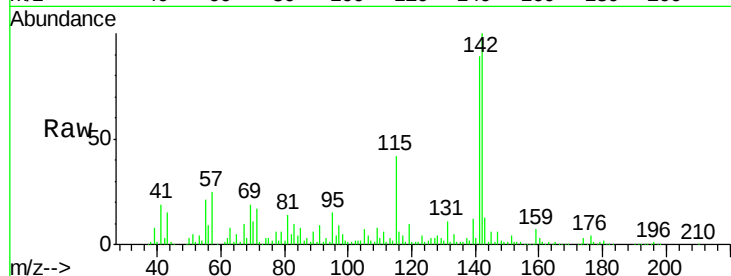
Ion Ratio Lower Upper

142 100

141 89.1 70.6 106.0

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#49

Acenaphthene

Concen: 47.50 ng/ul

RT: 14.53 min Scan# 2031

Delta R.T. 0.03 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

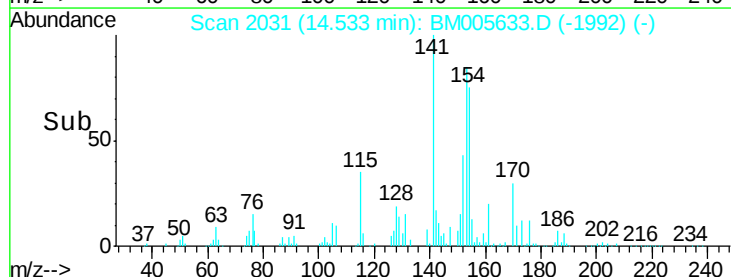
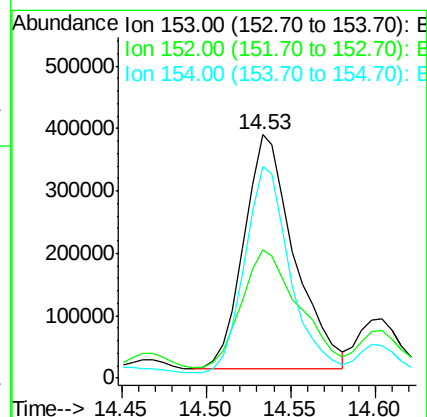
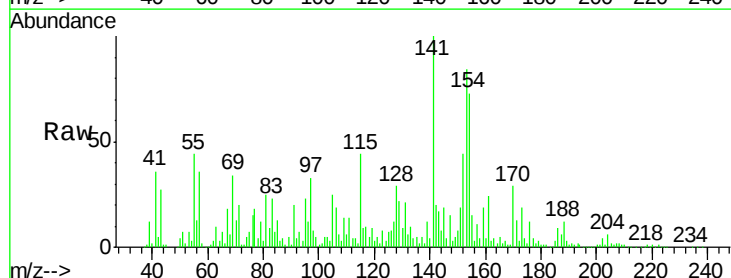
Tgt Ion:153 Resp: 780860

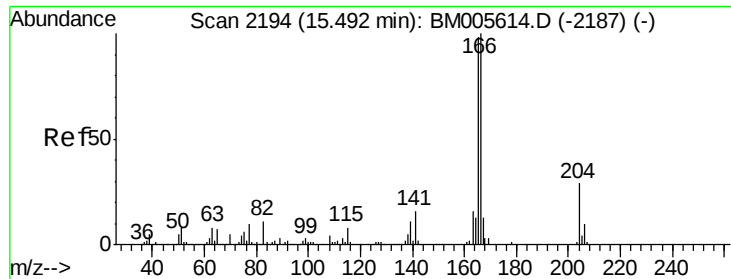
Ion Ratio Lower Upper

153 100

152 52.8 37.8 56.6

154 87.0 71.1 106.7





#58

Fluorene

Concen: 31.13 ng/ul

RT: 15.52 min Scan# 2199

Delta R.T. 0.03 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

Instrument :

BNA_M

ClientSampleId :

JHGG9RE

Tot Ion:166 Resp: 584735

Ion Ratio Lower Upper

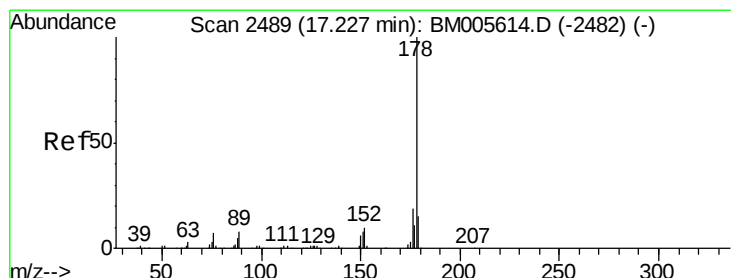
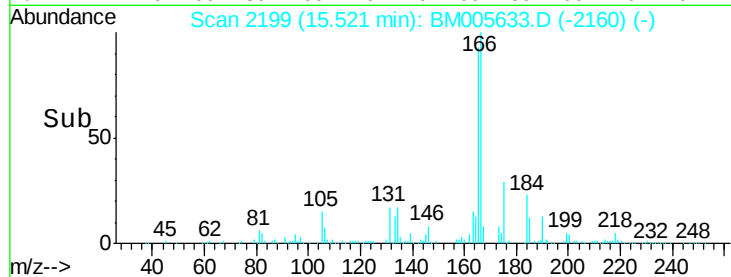
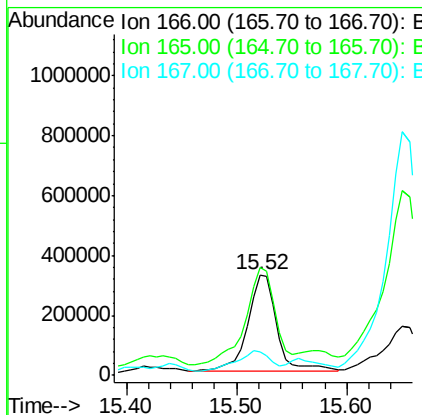
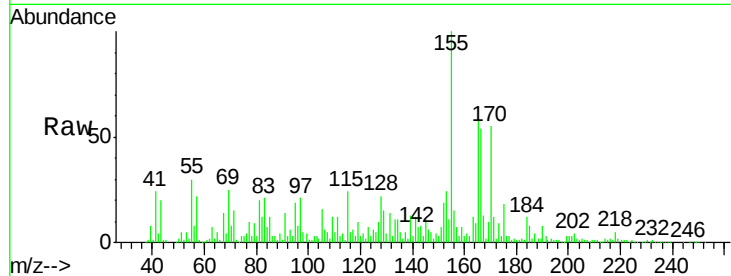
166 100

165 107.7 78.0 117.0

167 23.6 10.5 15.7#

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#69

Phenanthrene

Concen: 56.95 ng/ul

RT: 17.26 min Scan# 2494

Delta R.T. 0.03 min

Lab File: BM005633.D

Acq: 24 May 2016 06:07

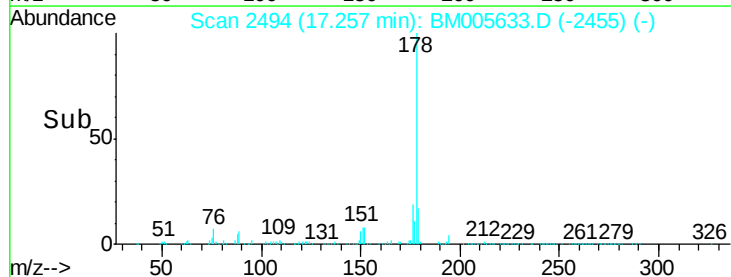
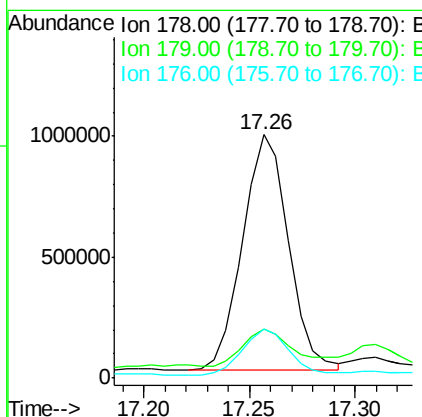
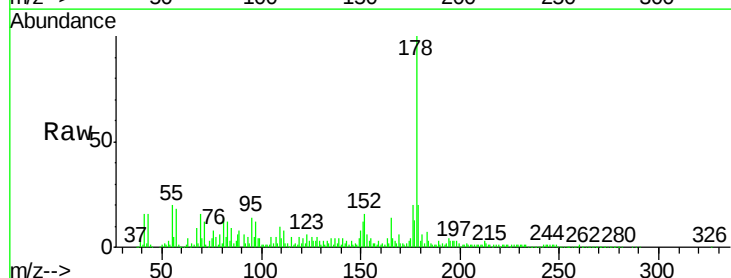
Tgt Ion:178 Resp: 1464325

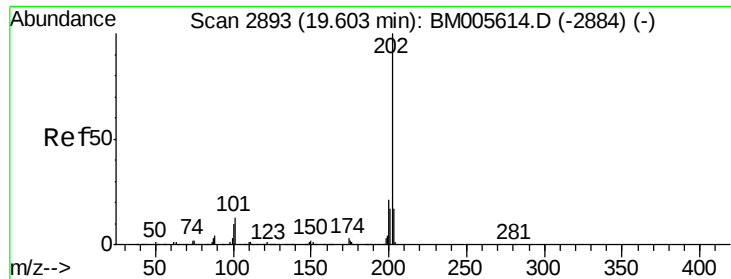
Ion Ratio Lower Upper

178 100

179 20.2 12.2 18.2#

176 20.2 15.8 23.6





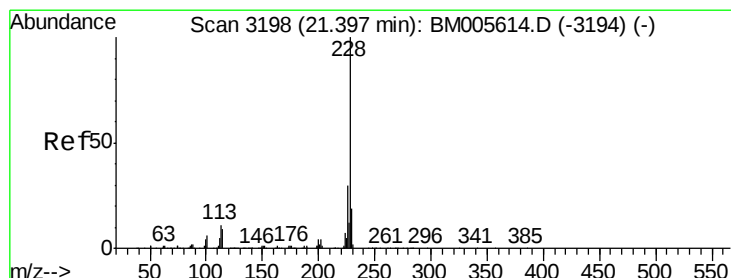
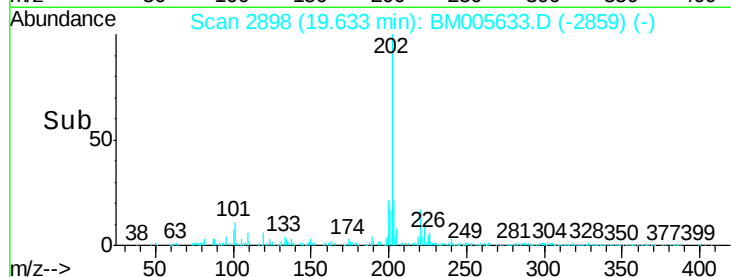
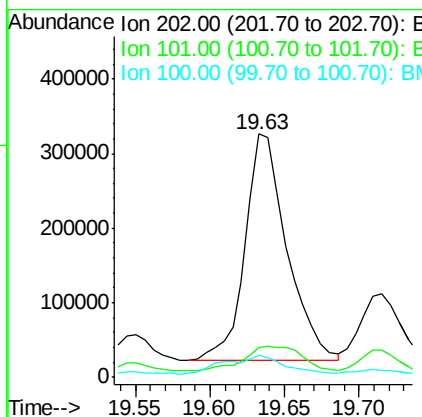
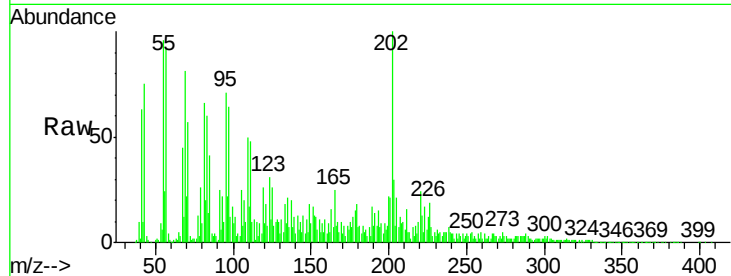
#77
Pvrene
Concen: 31.42 ng/ul
RT: 19.63 min Scan# 2898
Delta R.T. 0.03 min
Lab File: BM005633.D
Acq: 24 May 2016 06:07

Instrument :
BNA_M
ClientSampleId :
JHGG9RE

Tot Ion:	202	Resp:	588839
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.6	14.4
100	8.9	7.8	11.6

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#82
Chrysene
Concen: 13.09 ng/ul
RT: 21.44 min Scan# 3205
Delta R.T. 0.04 min
Lab File: BM005633.D
Acq: 24 May 2016 06:07

Tgt Ion:	228	Resp:	238560
Ion Ratio	Lower	Upper	
228	100		
226	38.6	23.7	35.5#
229	55.6	15.5	23.3#

