

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
 Data File : BM005628.D
 Acq On : 24 May 2016 03:05
 Operator : UM/SJ
 Sample : H3086-17RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGL1RE

Manual Integrations
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Quant Time: May 24 07:46:39 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	7.80	152	203853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	739778	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	287483	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.20	188	557287	20.00	ng/ul	0.01
75) Chrysene-d12	21.36	240	673186	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	693892	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	12538	2.69	ng/uL	0.00
5) Phenol-d5	6.98	99	317564	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	268117	27.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	248192	17.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	235438	17.19	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	113147	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	107544	17.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	223163	19.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	148400	12.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	469892	20.02	ng/ul	0.01
46) Acenaphthylene-d8	14.14	160	640201	21.82	ng/ul	0.01
51) 4-Nitrophenol-d4	14.66	143	120225	27.09	ng/ul	0.00
57) Fluorene-d10	15.45	176	378305	18.53	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.55	200	39522	12.33	ng/ul	0.00
70) Anthracene-d10	17.30	188	528016	19.89	ng/ul	0.02
76) Pyrene-d10	19.59	212	630571	20.68	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.50	264	594703	18.35	ng/ul	0.00

Target Compounds

					Qvalue
24) 2,4-Dimethylphenol	9.81	107	50885	3.68 ng/ul	95
44) Dimethylphthalate	13.90	163	166374	7.17 ng/ul#	74
49) Acenaphthene	14.52	153	460102	23.41 ng/ul	98
69) Phenanthrene	17.24	178	361791	11.62 ng/ul#	76
71) Anthracene	17.33	178	415037	13.08 ng/ul#	88
74) Fluoranthene	19.26	202	2397867	68.40 ng/ul	99
77) Pyrene	19.62	202	2381792	61.55 ng/ul	99
80) Benzo(a)anthracene	21.35	228	753107	19.03 ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.27	149	145044	6.30 ng/ul#	94
82) Chrysene	21.40	228	929603	24.69 ng/ul#	93
85) Benzo(b)fluoranthene	22.96	252	867631	21.20 ng/ul#	83
86) Benzo(k)fluoranthene	23.00	252	244785m	6.32 ng/ul	
88) Benzo(a)pyrene	23.55	252	699898	17.63 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.97	276	452412	9.59 ng/ul	97
90) Dibenzo(a,h)anthracene	25.97	278	105898	2.70 ng/ul#	59
91) Benzo(g,h,i)perylene	26.68	276	463402	11.69 ng/ul#	93

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

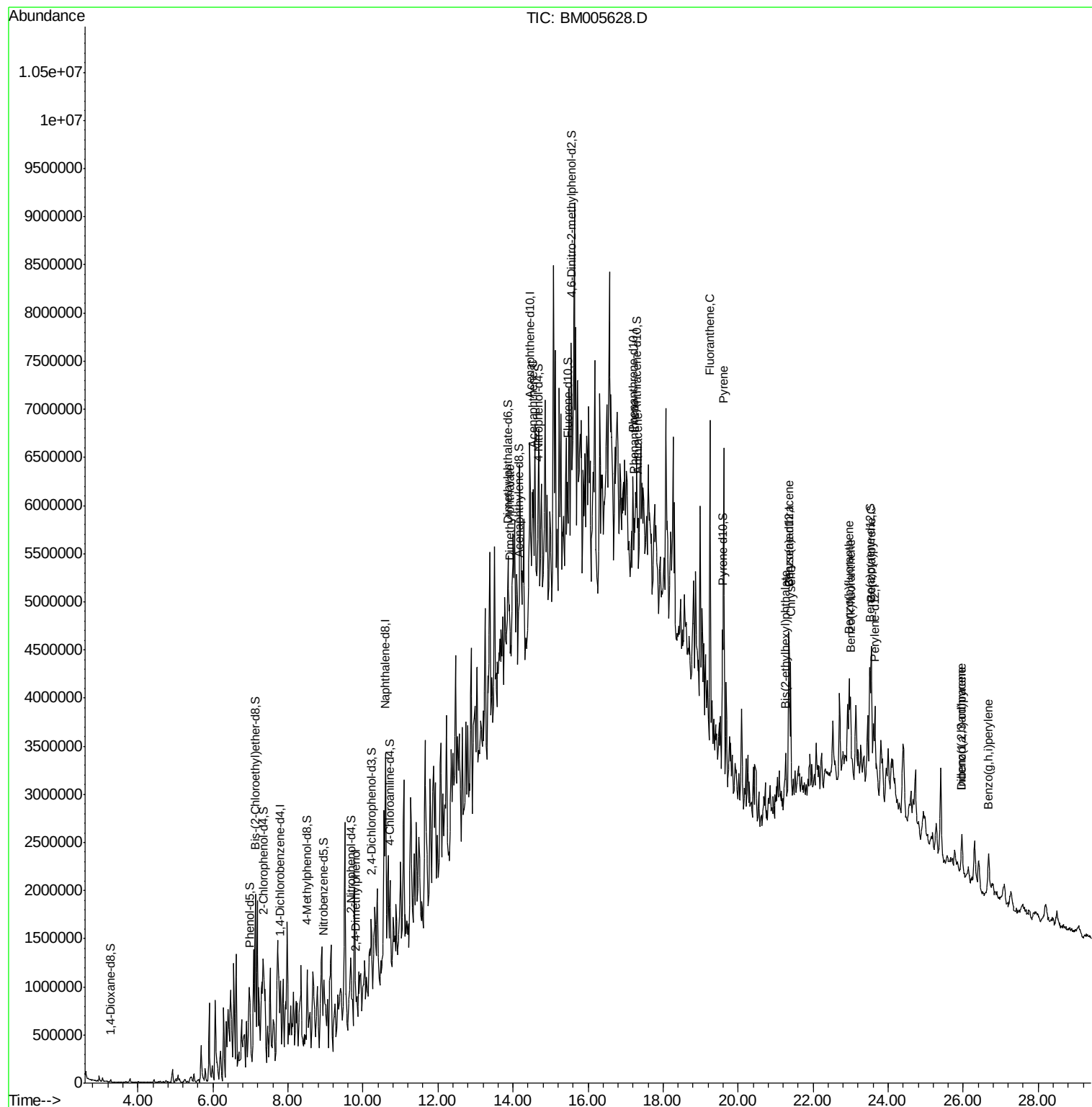
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005628.D
Acq On : 24 May 2016 03:05
Operator : UM/SJ
Sample : H3086-17RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

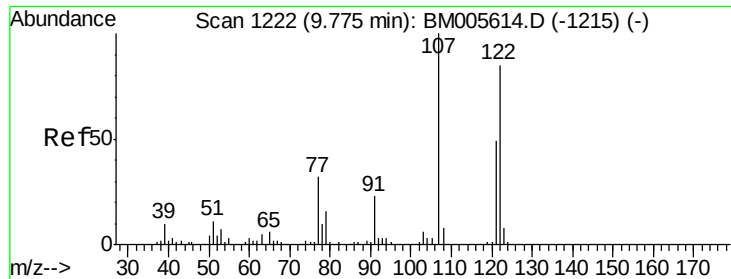
Instrument :
BNA_M
ClientSampleId :
JHGL1RE

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Quant Time: May 24 07:46:39 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





#24

2,4-Dimethylphenol

Concen: 3.68 ng/ul

RT: 9.81 min Scan# 1228

Delta R.T. 0.04 min

Lab File: BM005628.D

Acq: 24 May 2016 03:05

Instrument :

BNA_M

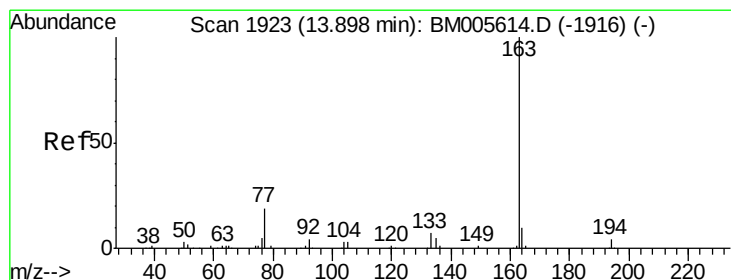
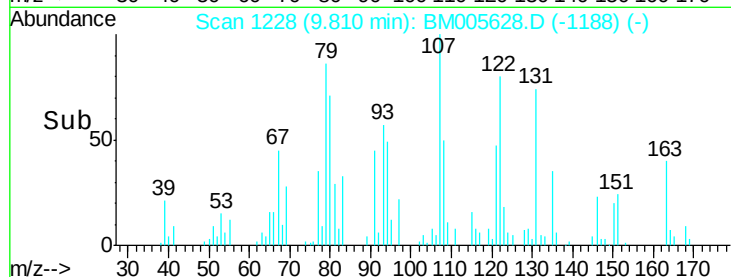
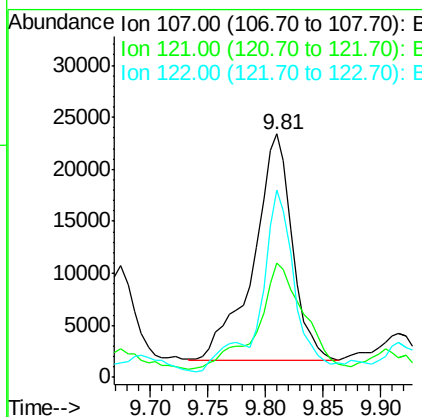
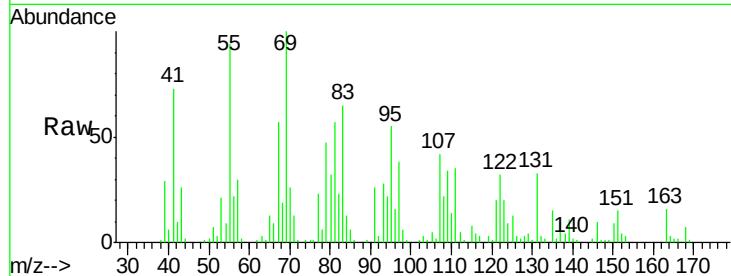
ClientSampled :

JHGL1RE

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Tgt Ion:	107	Resp:	50885
Ion Ratio	Lower	Upper	
107	100		
121	47.1	37.5	56.3
122	76.9	66.9	100.3



#44

Dimethylphthalate

Concen: 7.17 ng/ul

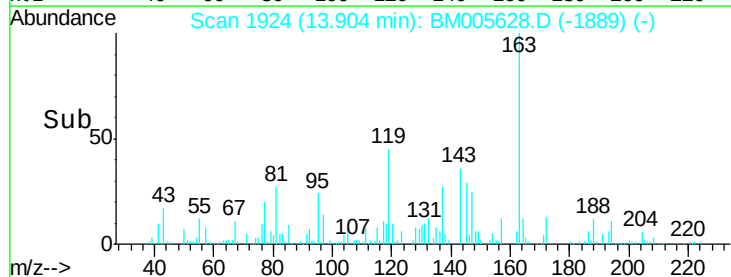
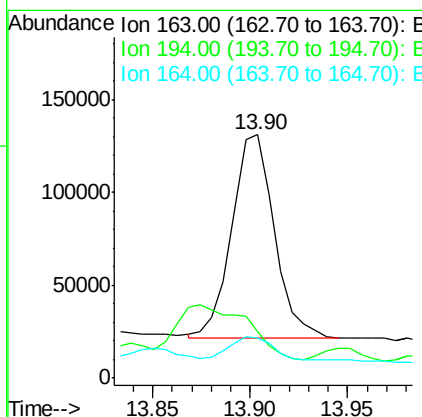
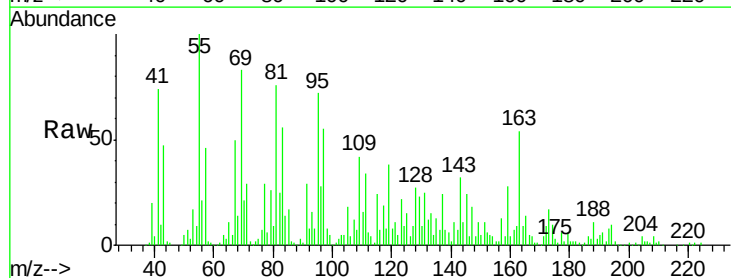
RT: 13.90 min Scan# 1924

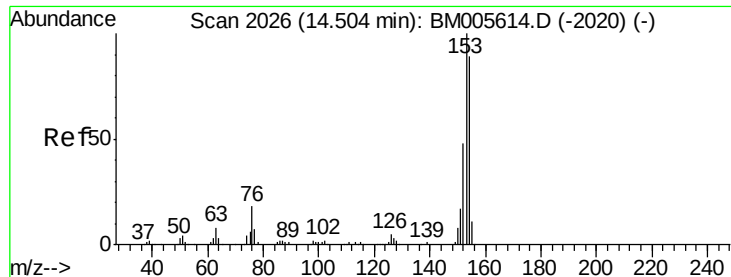
Delta R.T. 0.01 min

Lab File: BM005628.D

Acq: 24 May 2016 03:05

Tgt Ion:	163	Resp:	166374
Ion Ratio	Lower	Upper	
163	100		
194	19.0	3.4	5.0#
164	16.4	8.0	12.0#





#49

Acenaphthene

Concen: 23.41 ng/ul

RT: 14.52 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BM005628.D

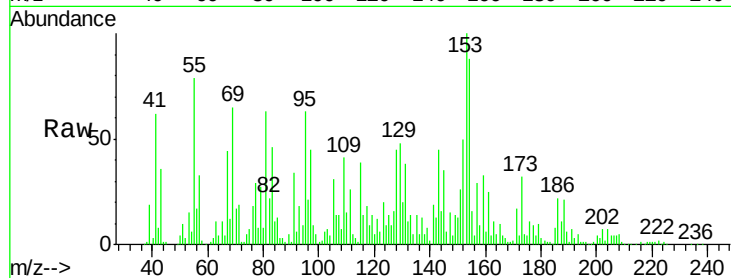
Acq: 24 May 2016 03:05

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:153 Resp: 460102

Ion Ratio Lower Upper

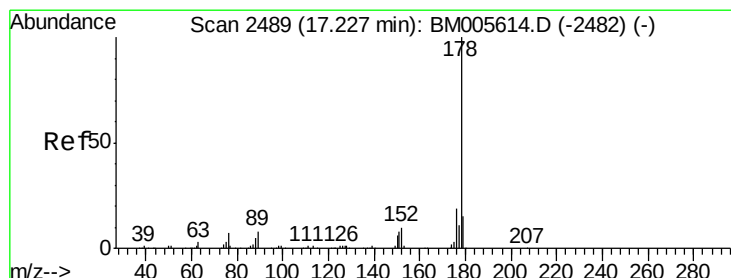
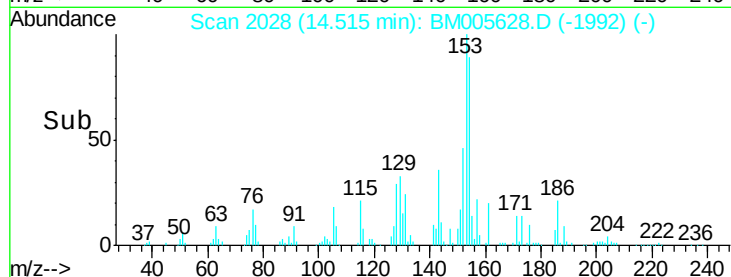
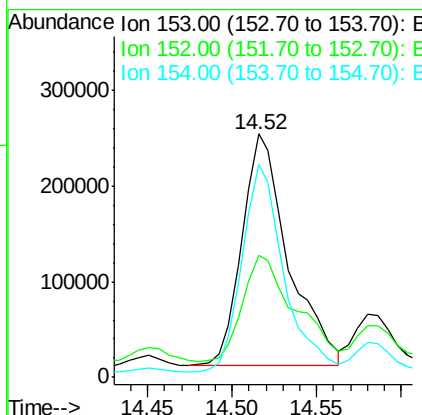
153 100

152 50.0 37.8 56.6

154 87.5 71.1 106.7

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#69

Phenanthrene

Concen: 11.62 ng/ul

RT: 17.24 min Scan# 2492

Delta R.T. 0.02 min

Lab File: BM005628.D

Acq: 24 May 2016 03:05

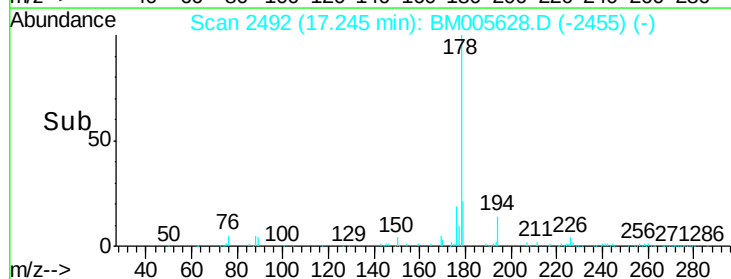
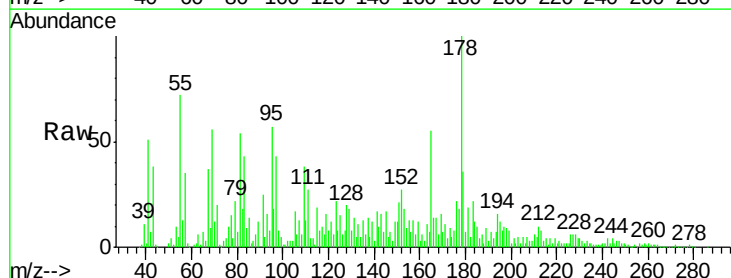
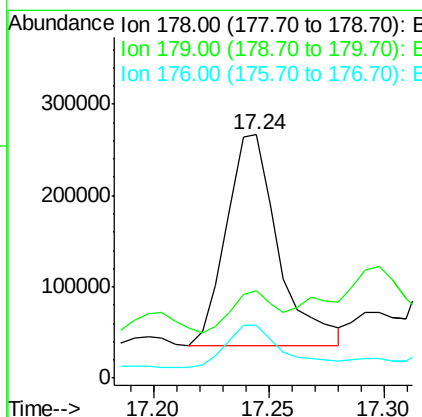
Tgt Ion:178 Resp: 361791

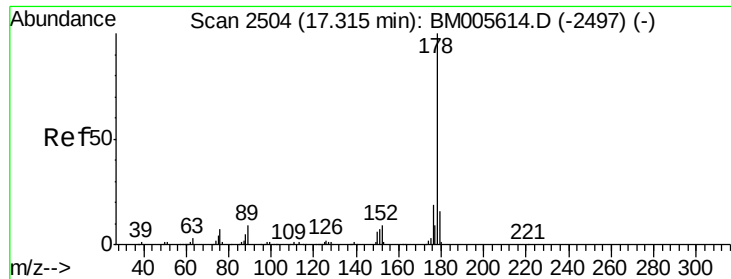
Ion Ratio Lower Upper

178 100

179 36.0 12.2 18.2#

176 21.8 15.8 23.6





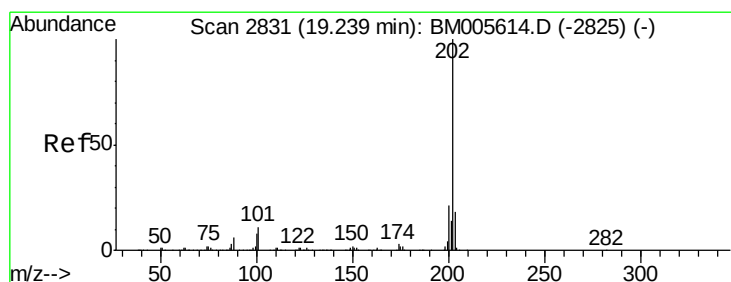
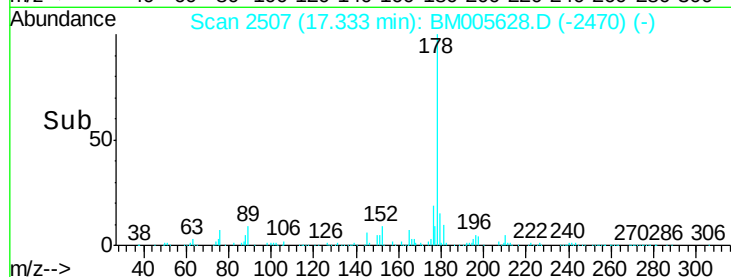
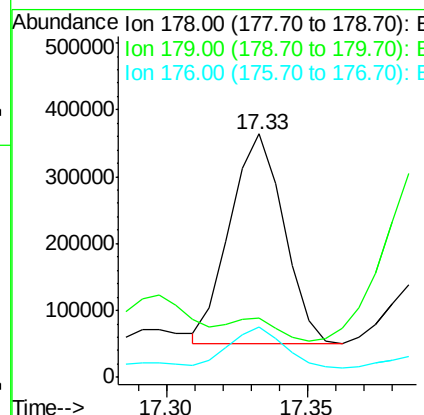
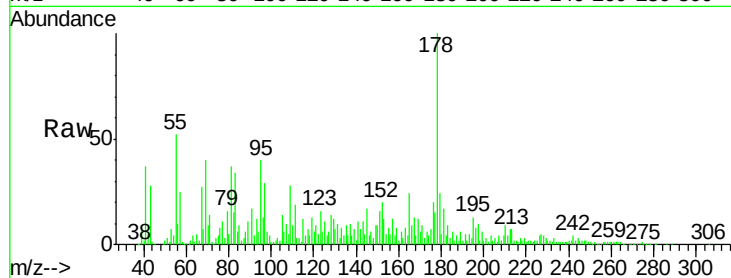
#71
 Anthracene
 Concen: 13.08 ng/ul
 RT: 17.33 min Scan# 2507
 Delta R.T. 0.02 min
 Lab File: BM005628.D
 Acq: 24 May 2016 03:05

Instrument :
 BNA_M
 ClientSampleId :
 JHGL1RE

Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.5	12.6	18.8#
176	20.5	15.0	22.4

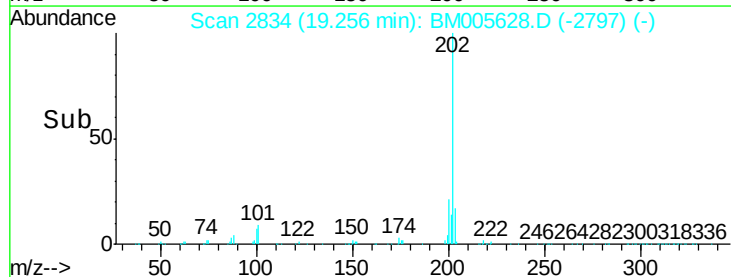
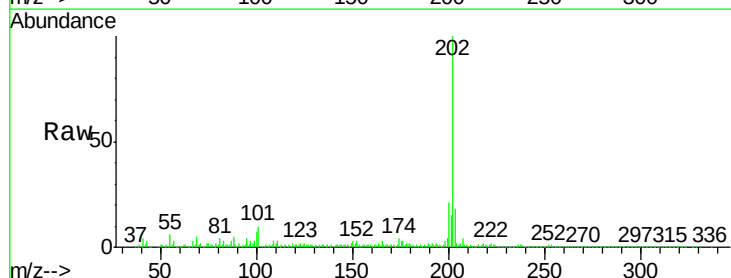
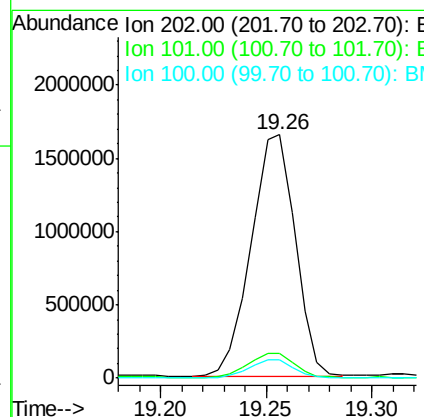
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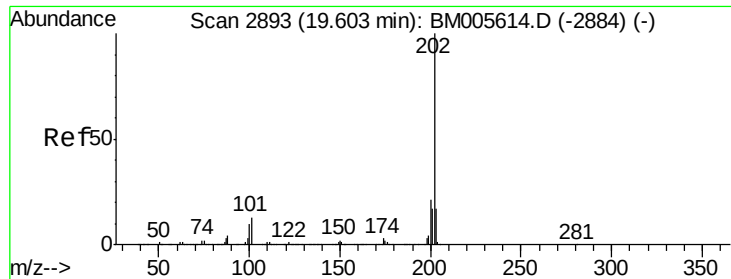
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#74
 Fluoranthene
 Concen: 68.40 ng/ul
 RT: 19.26 min Scan# 2834
 Delta R.T. 0.02 min
 Lab File: BM005628.D
 Acq: 24 May 2016 03:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.9	11.9
100	7.3	5.6	8.4





#77

Pyrene

Concen: 61.55 ng/ul

RT: 19.62 min Scan# 2895

Delta R.T. 0.01 min

Lab File: BM005628.D

Acq: 24 May 2016 03:05

Instrument :

BNA_M

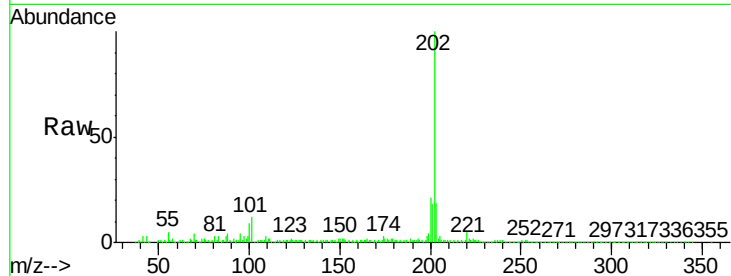
ClientSampleId :

JHGL1RE

Tgt Ion:	202	Resp:	2381792
Ion Ratio	Lower	Upper	
202	100		
101	12.0	9.6	14.4
100	9.2	7.8	11.6

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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

19.62

1500000

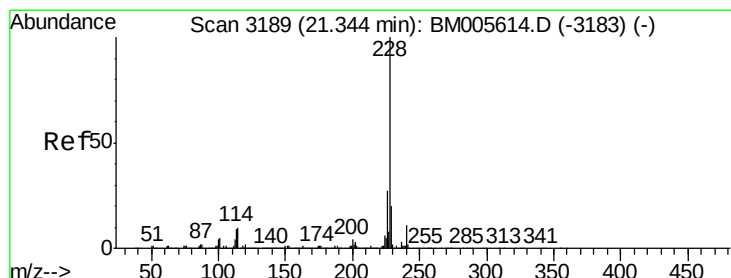
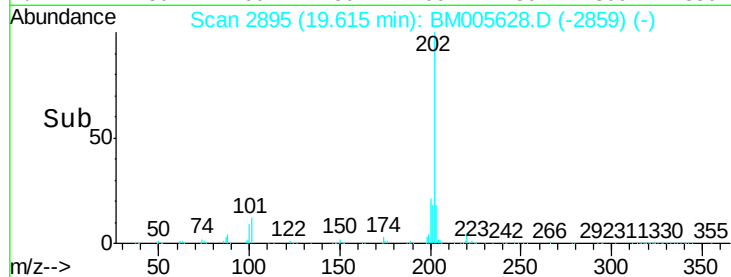
1000000

500000

0

19.55 19.60 19.65

Time-->



#80

Benzo(a)anthracene

Concen: 19.03 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. 0.01 min

Lab File: BM005628.D

Acq: 24 May 2016 03:05

Tgt Ion:	228	Resp:	753107
Ion Ratio	Lower	Upper	
228	100		
229	26.0	15.4	23.2#
226	30.8	21.0	31.4

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

800000

600000

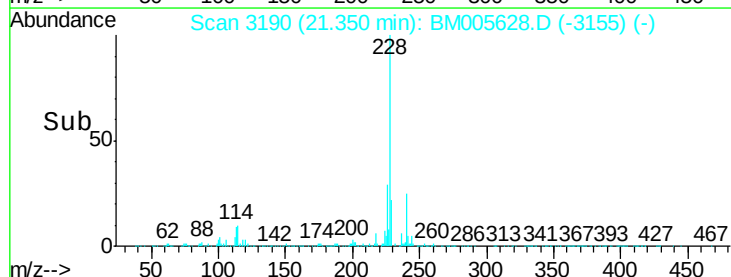
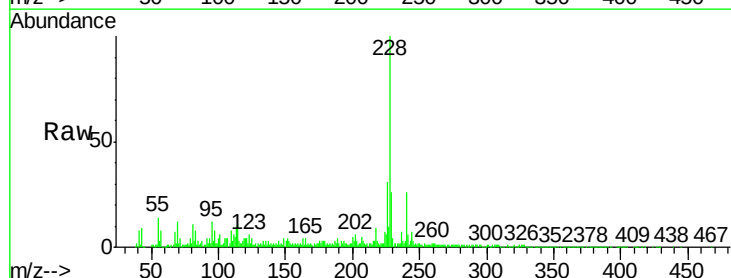
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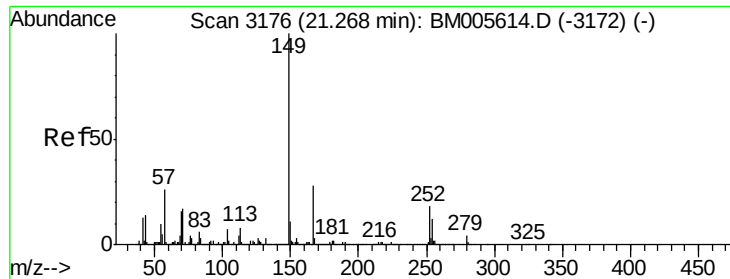
200000

0

21.30 21.35

Time-->





#81

Bis(2-ethylhexyl)phthalate

Concen: 6.30 ng/ul

RT: 21.27 min Scan# 3176

Delta R.T. -0.00 min

Lab File: BM005628.D

Acq: 24 May 2016 03:05

Instrument :

BNA_M

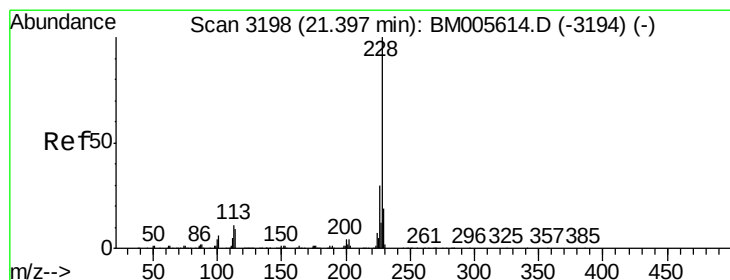
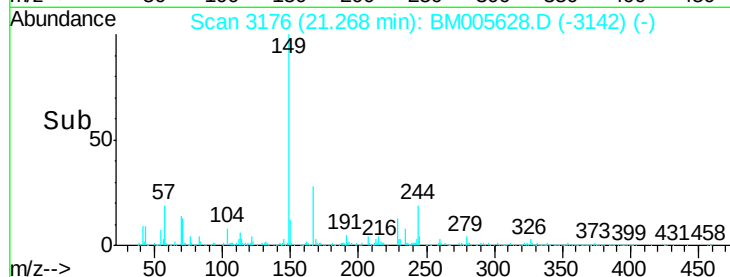
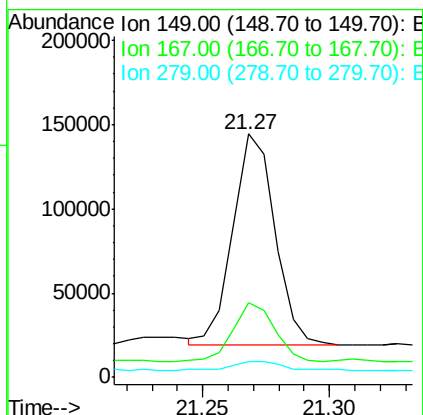
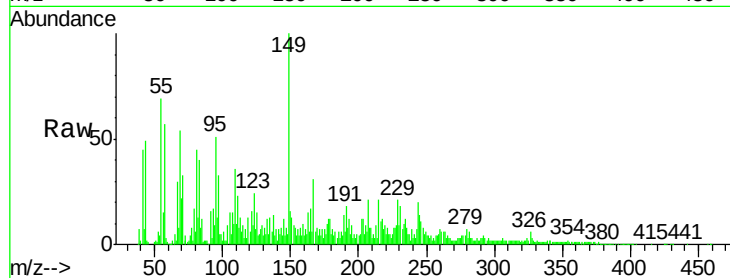
ClientSampleId :

JHGL1RE

Tgt Ion:	149	Resp:	145044
Ion Ratio	Lower	Upper	
149	100		
167	30.6	22.0	33.0
279	6.7	3.8	5.8#

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#82

Chrysene

Concen: 24.69 ng/ul

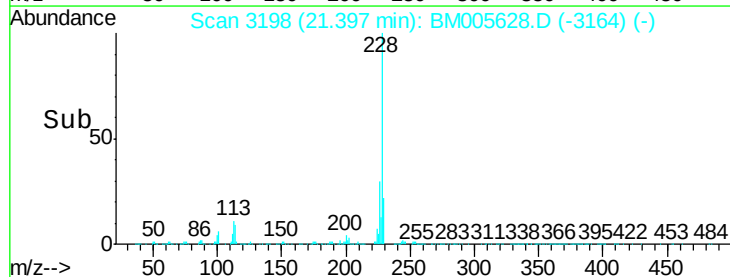
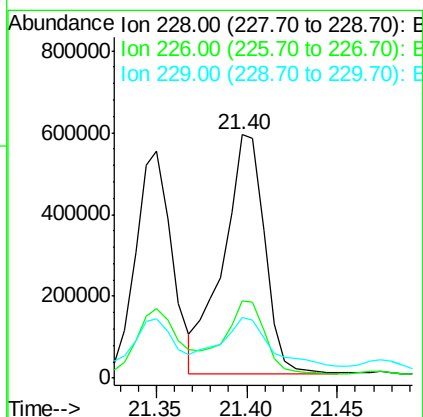
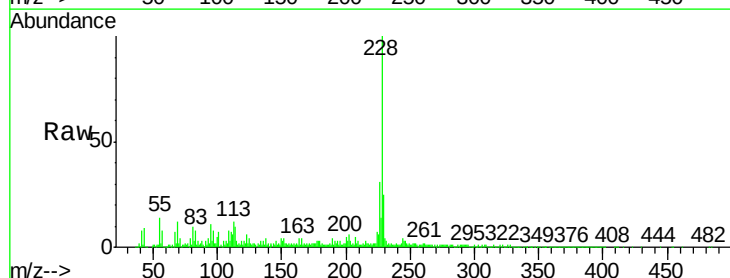
RT: 21.40 min Scan# 3198

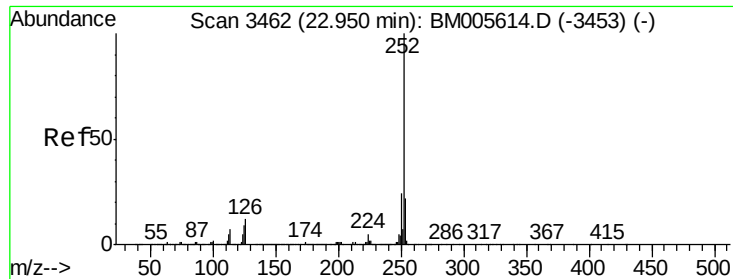
Delta R.T. -0.00 min

Lab File: BM005628.D

Acq: 24 May 2016 03:05

Tgt Ion:	228	Resp:	929603
Ion Ratio	Lower	Upper	
228	100		
226	31.5	23.7	35.5
229	25.0	15.5	23.3#





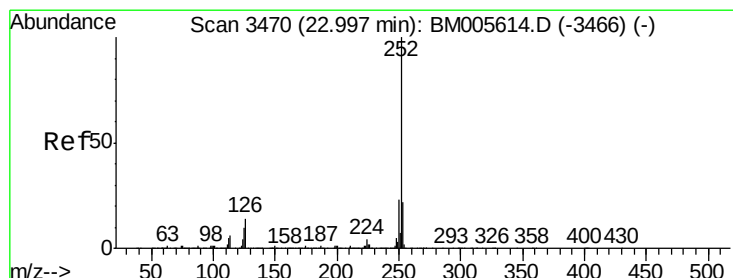
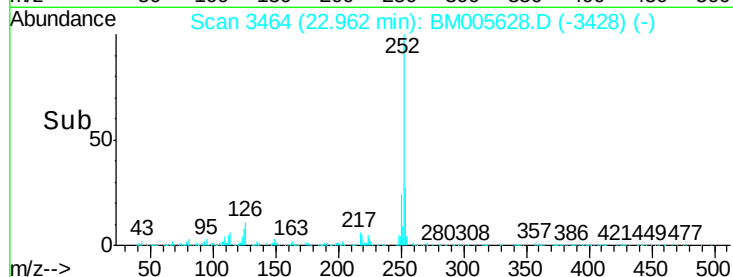
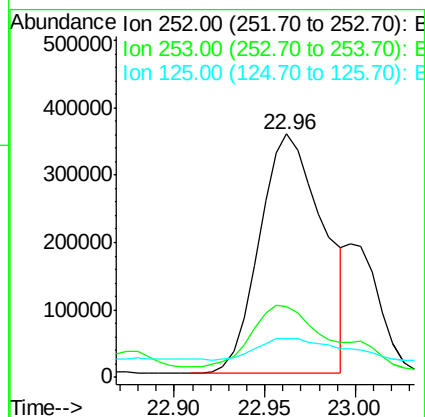
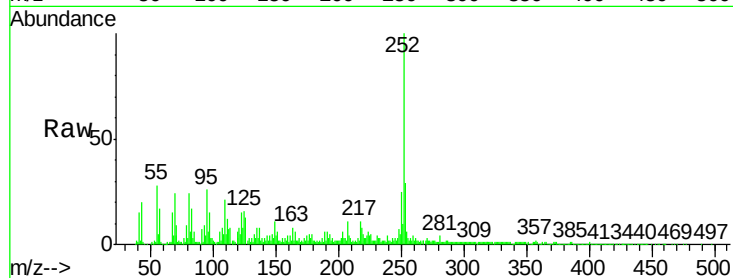
#85
Benzo(b)fluoranthene
Concen: 21.20 ng/ul
RT: 22.96 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM005628.D
Acq: 24 May 2016 03:05

Instrument :
BNA_M
ClientSampleId :
JHGL1RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.3	25.9#
125	16.0	7.0	10.4#

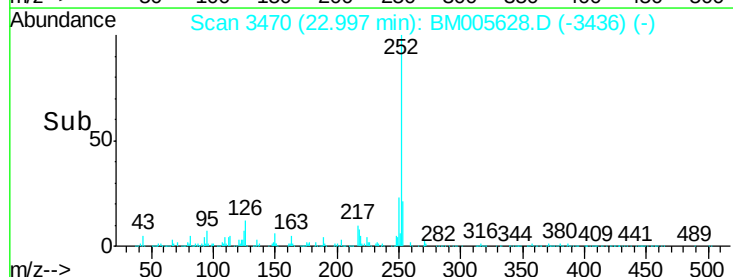
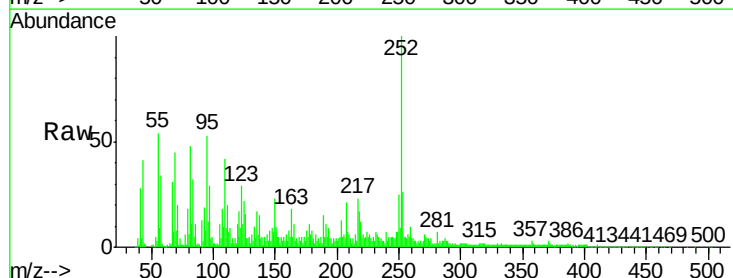
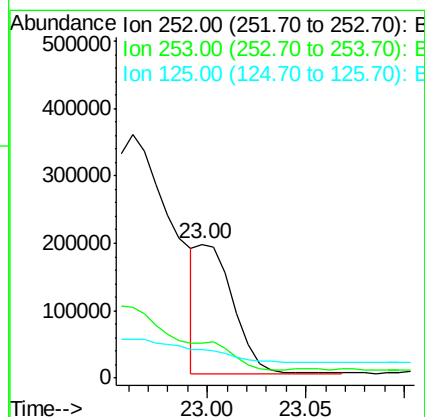
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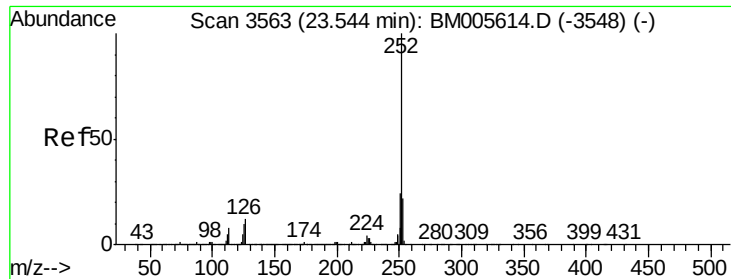
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#86
Benzo(k)fluoranthene
Concen: 6.32 ng/ul m
RT: 23.00 min Scan# 3470
Delta R.T. -0.00 min
Lab File: BM005628.D
Acq: 24 May 2016 03:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	21.6	7.0	10.6#





#88

Benzo(a)pyrene

Concen: 17.63 ng/ul

RT: 23.55 min Scan# 3564

Delta R.T. 0.01 min

Lab File: BM005628.D

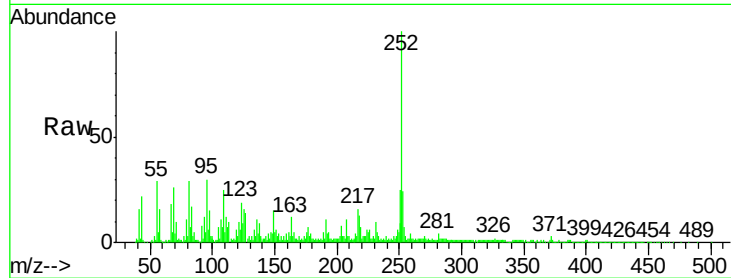
Acq: 24 May 2016 03:05

Instrument :

BNA_M

ClientSampleId :

JHGL1RE



Tgt Ion: 252 Resp: 699898

Ion Ratio Lower Upper

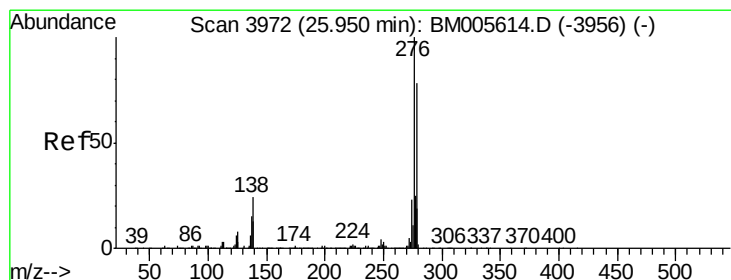
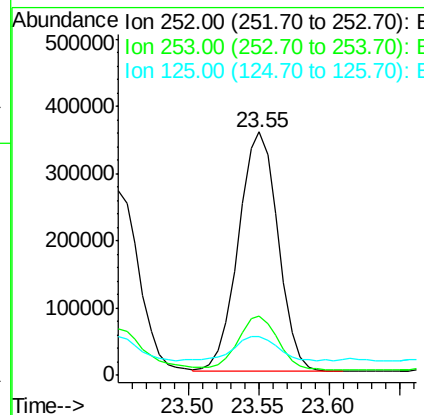
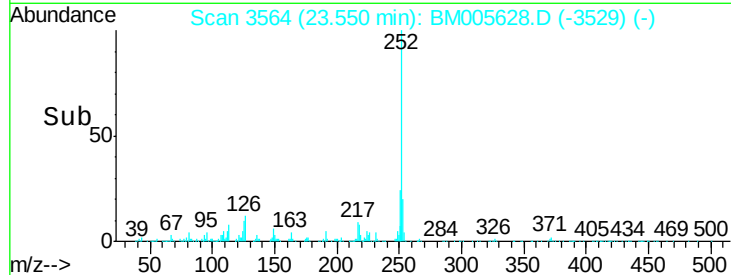
252 100

253 24.3 17.6 26.4

125 15.9 7.6 11.4

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#89

Indeno(1,2,3-cd)pyrene

Concen: 9.59 ng/ul

RT: 25.97 min Scan# 3975

Delta R.T. 0.02 min

Lab File: BM005628.D

Acq: 24 May 2016 03:05

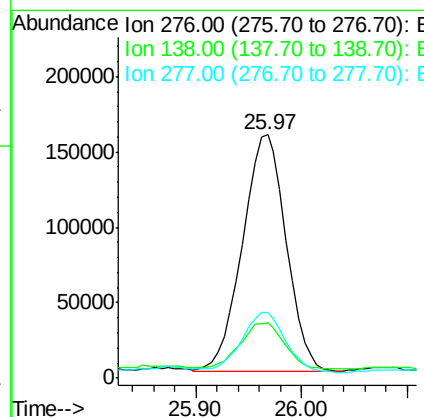
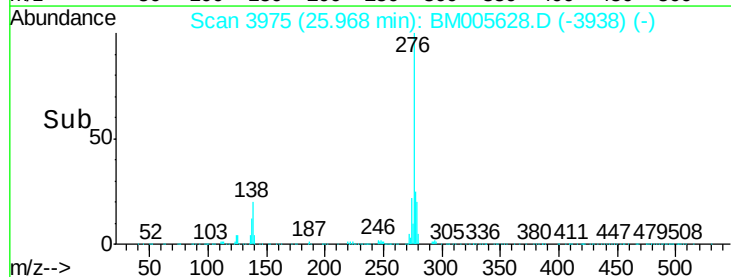
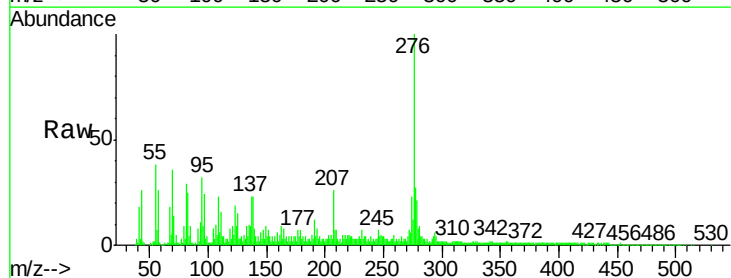
Tgt Ion: 276 Resp: 452412

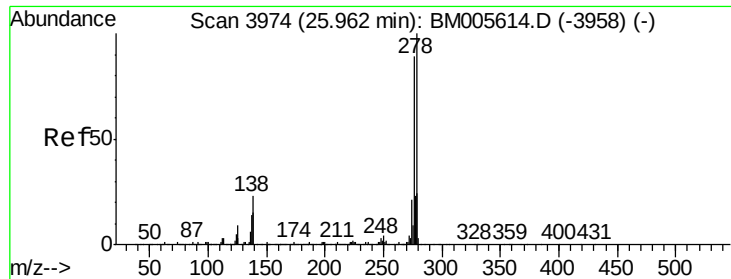
Ion Ratio Lower Upper

276 100

138 22.7 16.9 25.3

277 27.0 20.2 30.4





#90

Dibenzo(a,h)anthracene

Concen: 2.70 ng/ul

RT: 25.97 min Scan# 3975

Delta R.T. 0.01 min

Lab File: BM005628.D

Acq: 24 May 2016 03:05

Instrument :

BNA_M

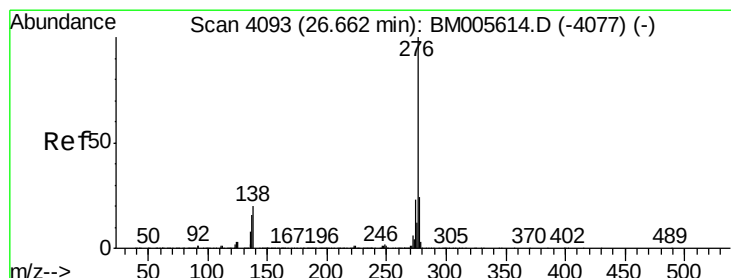
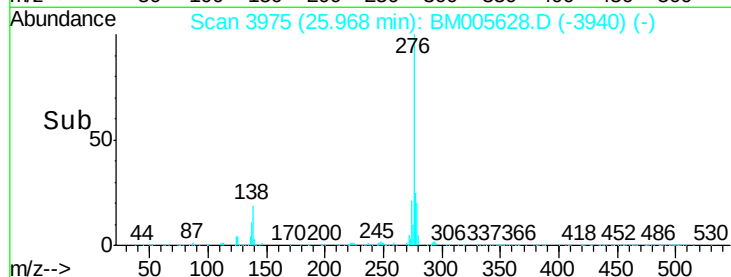
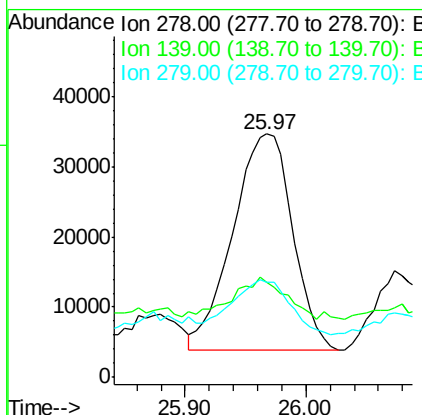
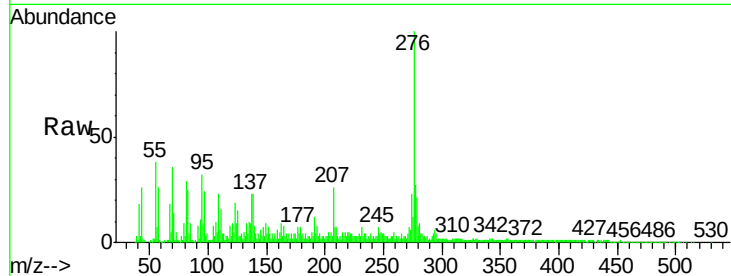
ClientSampleId :

JHGL1RE

Tgt Ion:	278	Resp:	105898
Ion Ratio	Lower	Upper	
278	100		
139	39.1	11.8	17.6#
279	38.9	19.4	29.2#

Manual Integrations
APPROVED

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#91

Benzo(g,h,i)perylene

Concen: 11.69 ng/ul

RT: 26.68 min Scan# 4096

Delta R.T. 0.02 min

Lab File: BM005628.D

Acq: 24 May 2016 03:05

Tgt Ion:	276	Resp:	463402
Ion Ratio	Lower	Upper	
276	100		
138	22.9	15.0	22.6#
277	26.0	18.6	28.0

