

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052716\
 Data File : BM005652.D
 Acq On : 27 May 2016 17:25
 Operator : UM/SJ
 Sample : H3086-17DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGL1DL

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Quant Time: May 27 19:16:34 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 25 19:26:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	119701	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	467925	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.42	164	219047	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.16	188	443991	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	521139	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	528977	20.00	ng/ul	0.00

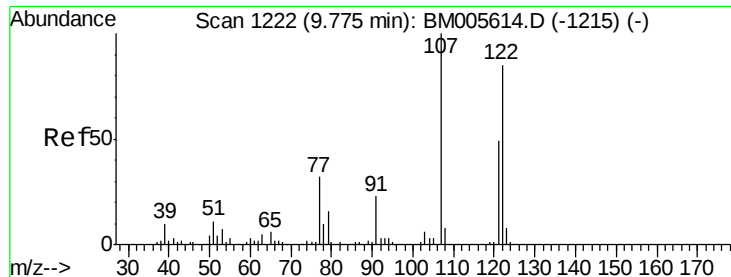
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	4167	1.52	ng/uL	0.00
5) Phenol-d5	6.95	99	91120	9.29	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.10	67	85397	15.02	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.30	132	72530	8.86	ng/ul	-0.02
13) 4-Methylphenol-d8	8.48	113	66705	8.30	ng/ul	-0.02
19) Nitrobenzene-d5	8.93	128	31722	8.87	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.65	143	28740	7.30	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.19	165	64140	8.65	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.70	131	45450	6.12	ng/ul	-0.01
43) Dimethylphthalate-d6	13.82	166	164183	9.18	ng/ul	-0.01
46) Acenaphthylene-d8	14.11	160	229659	10.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	36079	10.67	ng/ul	-0.01
57) Fluorene-d10	15.41	176	153752	9.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	13813	5.41	ng/ul	0.02
70) Anthracene-d10	17.26	188	215791	10.20	ng/ul	0.00
76) Pyrene-d10	19.56	212	244538	10.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	229521	9.29	ng/ul	0.00

Target Compounds

						Ovalue
24) 2,4-Dimethylphenol	9.77	107	15721	1.80	ng/ul	87
44) Dimethylphthalate	13.87	163	58887	3.33	ng/ul#	77
49) Acenaphthene	14.48	153	174265	11.64	ng/ul	97
69) Phenanthrene	17.20	178	144166	5.81	ng/ul#	79
71) Anthracene	17.30	178	164524	6.51	ng/ul#	88
74) Fluoranthene	19.22	202	988785	35.40	ng/ul#	95
77) Pyrene	19.59	202	970560	32.40	ng/ul	98
80) Benzo(a)anthracene	21.33	228	290915	9.50	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.25	149	55433	3.11	ng/ul#	95
82) Chrysene	21.38	228	351946	12.08	ng/ul#	93
85) Benzo(b)fluoranthene	22.93	252	350670	11.24	ng/ul#	83
86) Benzo(k)fluoranthene	22.97	252	83737m	2.84	ng/ul	
88) Benzo(a)pyrene	23.52	252	273632	9.04	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.92	276	160371	4.46	ng/ul	98
90) Dibenzo(a,h)anthracene	25.92	278	36922	1.23	ng/ul#	63
91) Benzo(g,h,i)perylene	26.63	276	165617	5.48	ng/ul#	93

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



#24

2,4-Dimethylphenol

Concen: 1.80 ng/ul

RT: 9.77 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BM005652.D

Acq: 27 May 2016 17:25

Instrument :

BNA_M

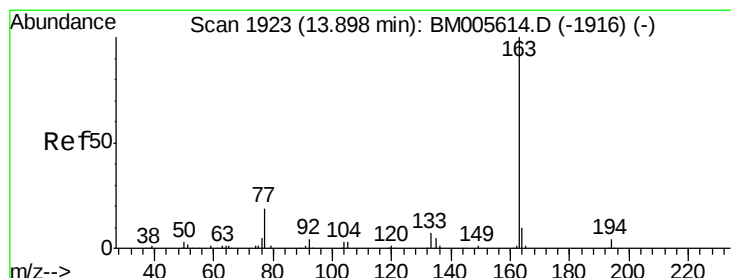
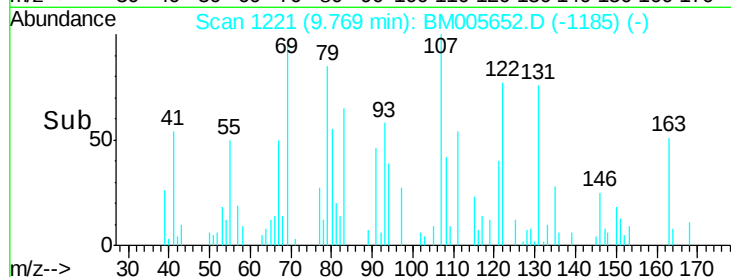
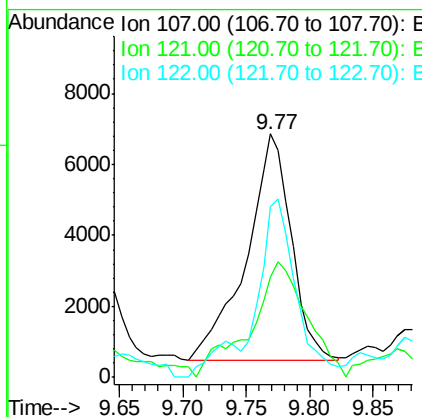
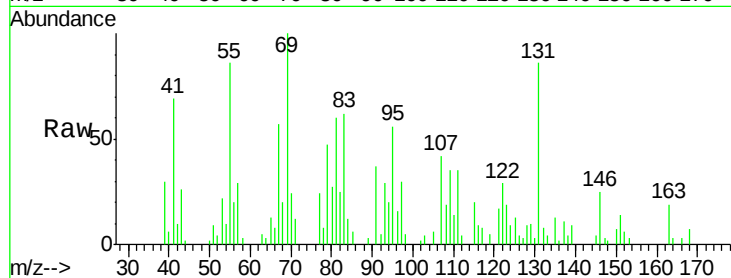
ClientSampled :

JHGL1DL

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Tot Ion:	107	Resp:	15721
Ion Ratio	Lower	Upper	
107	100		
121	41.4	37.5	56.3
122	70.0	66.9	100.3



#44

Dimethylphthalate

Concen: 3.33 ng/ul

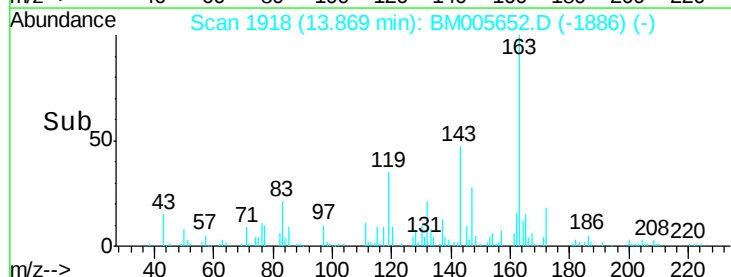
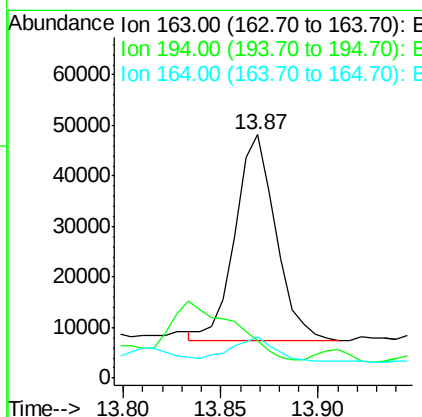
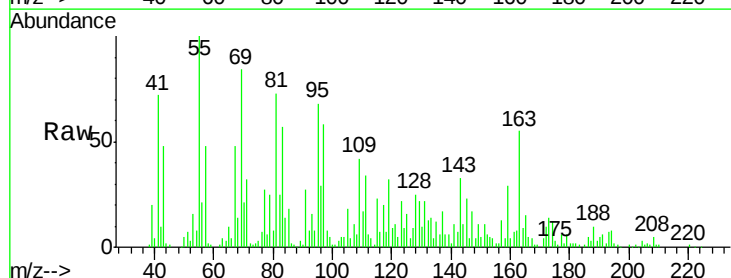
RT: 13.87 min Scan# 1918

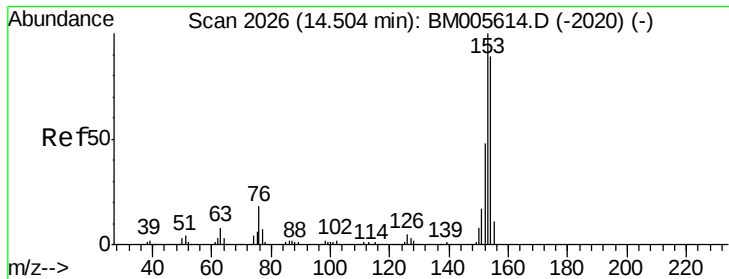
Delta R.T. -0.01 min

Lab File: BM005652.D

Acq: 27 May 2016 17:25

Tgt Ion:	163	Resp:	58887
Ion Ratio	Lower	Upper	
163	100		
194	15.4	3.4	5.0#
164	16.8	8.0	12.0#





#49

Acenaphthene

Concen: 11.64 ng/ul

RT: 14.48 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM005652.D

Acq: 27 May 2016 17:25

Instrument :

BNA_M

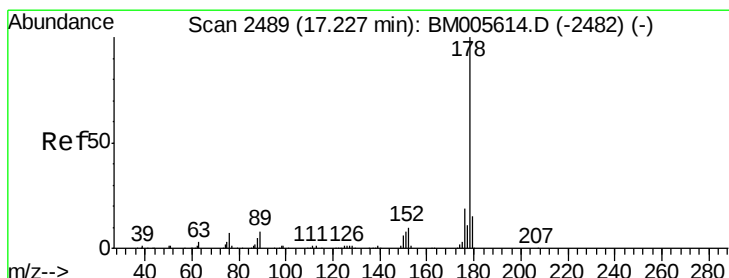
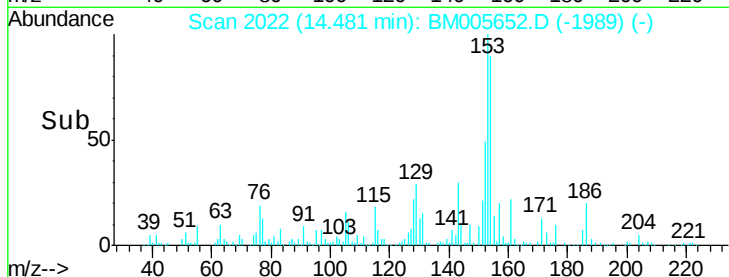
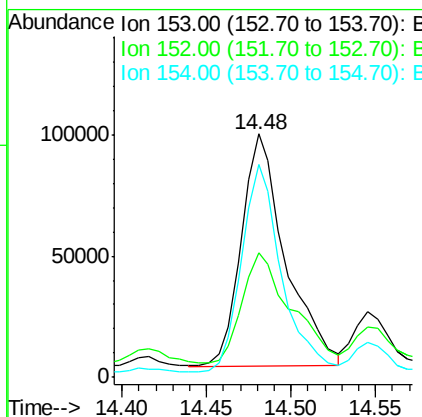
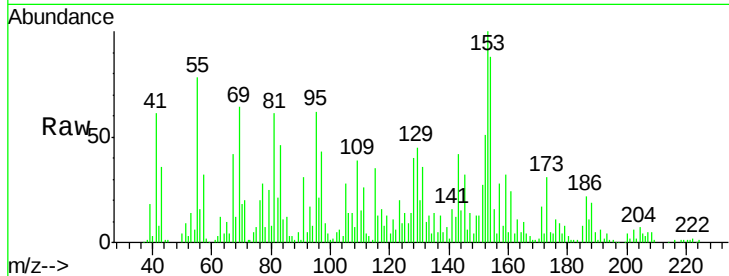
ClientSampleId :

JHGL1DL

Tot Ion:	153	Resp:	174265
Ion Ratio	Lower	Upper	
153	100		
152	51.4	37.8	56.6
154	87.7	71.1	106.7

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#69

Phenanthrene

Concen: 5.81 ng/ul

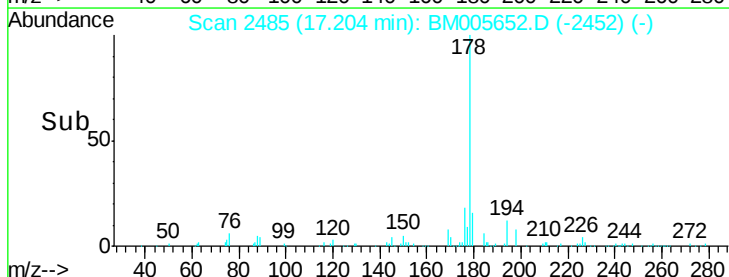
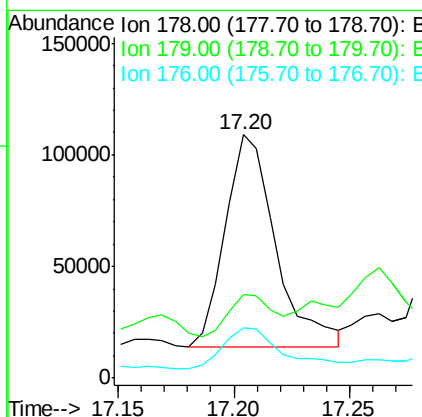
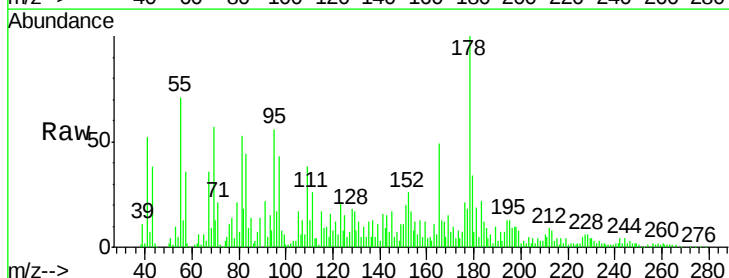
RT: 17.20 min Scan# 2485

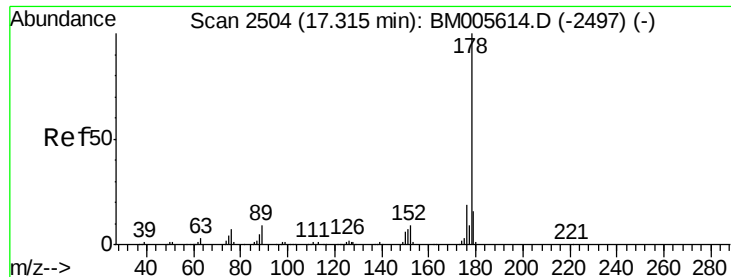
Delta R.T. -0.01 min

Lab File: BM005652.D

Acq: 27 May 2016 17:25

Tgt Ion:	178	Resp:	144166
Ion Ratio	Lower	Upper	
178	100		
179	34.4	12.2	18.2#
176	20.6	15.8	23.6





#71

Anthracene

Concen: 6.51 ng/ul

RT: 17.30 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BM005652.D

Acq: 27 May 2016 17:25

Instrument :

BNA_M

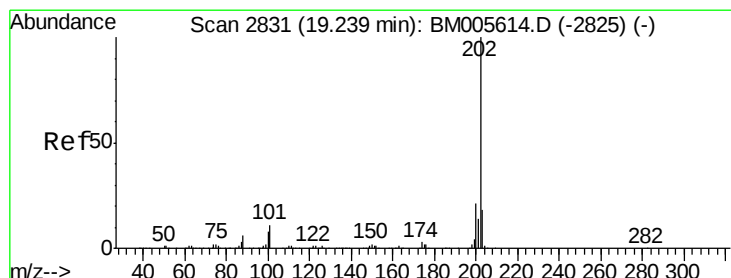
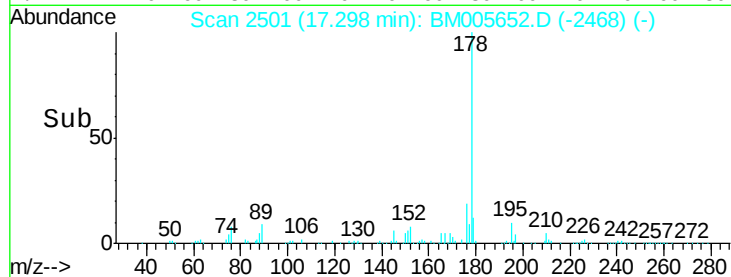
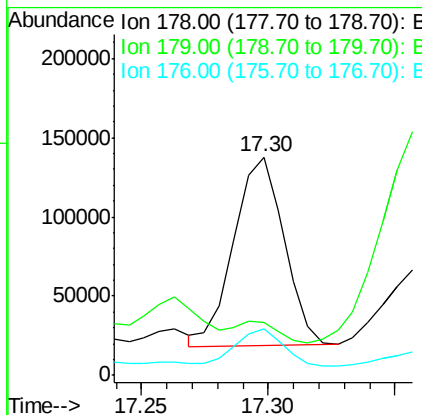
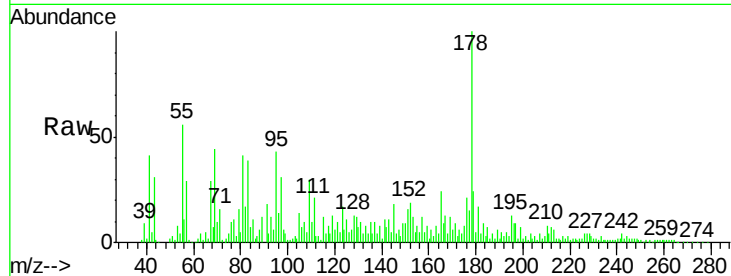
ClientSampleId :

JHGL1DL

Tot Ion:	178	Resp:	164524
Ion Ratio	Lower	Upper	
178	100		
179	24.2	12.6	18.8#
176	21.1	15.0	22.4

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#74

Fluoranthene

Concen: 35.40 ng/ul

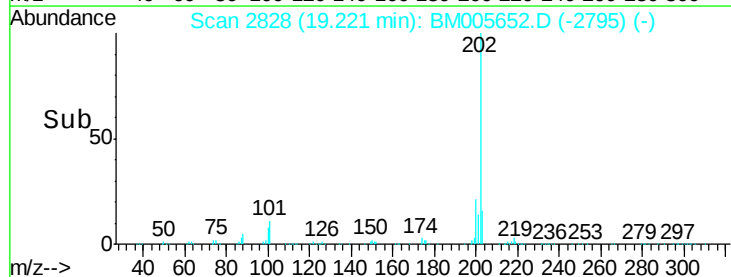
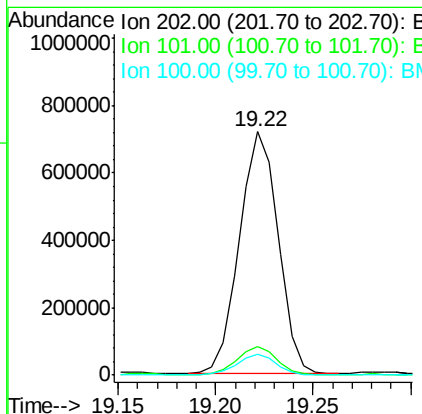
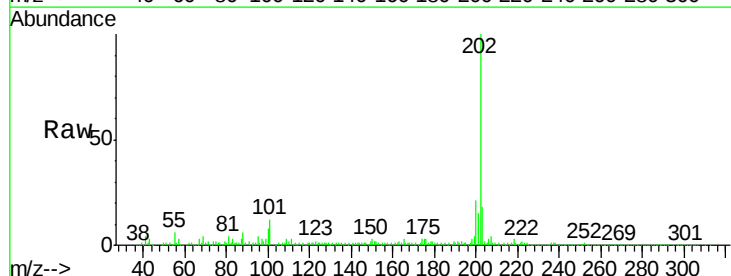
RT: 19.22 min Scan# 2828

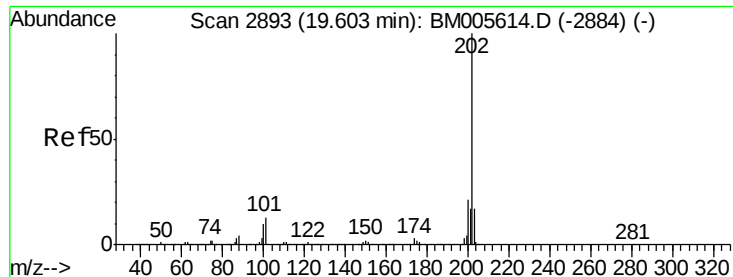
Delta R.T. -0.01 min

Lab File: BM005652.D

Acq: 27 May 2016 17:25

Tgt Ion:	202	Resp:	988785
Ion Ratio	Lower	Upper	
202	100		
101	11.8	7.9	11.9
100	8.4	5.6	8.4#





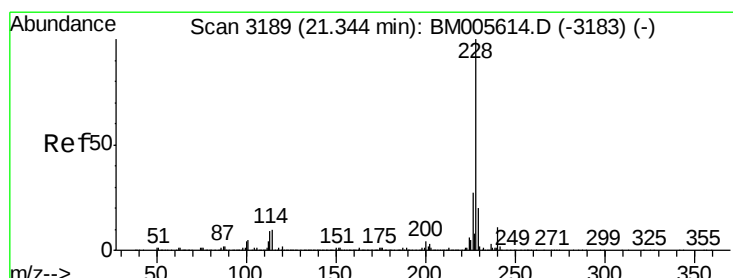
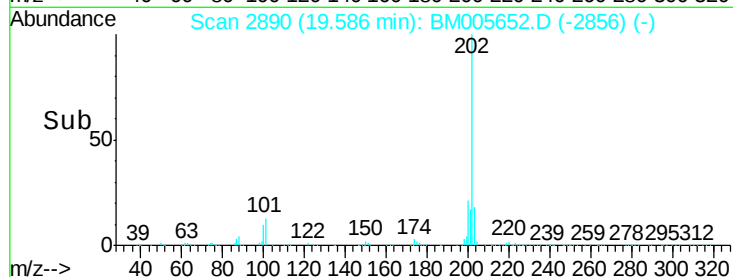
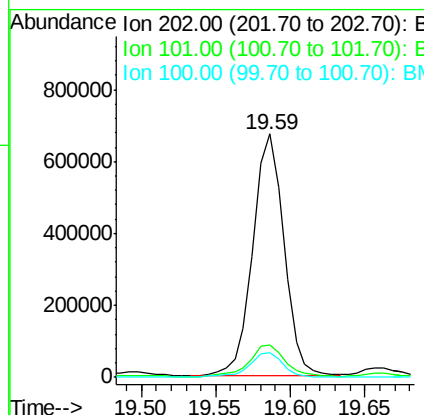
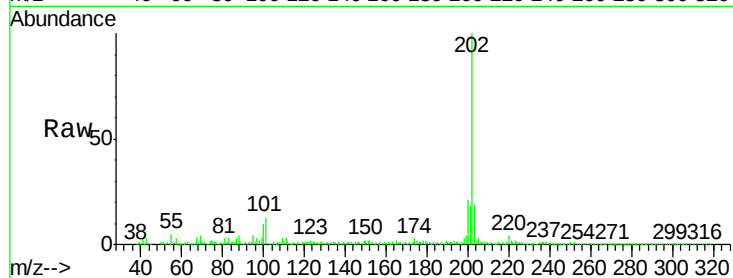
#77
Pvrene
Concen: 32.40 ng/ul
RT: 19.59 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BM005652.D
Acq: 27 May 2016 17:25

Instrument :
BNA_M
ClientSampleId :
JHGL1DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	9.6	14.4
100	10.2	7.8	11.6

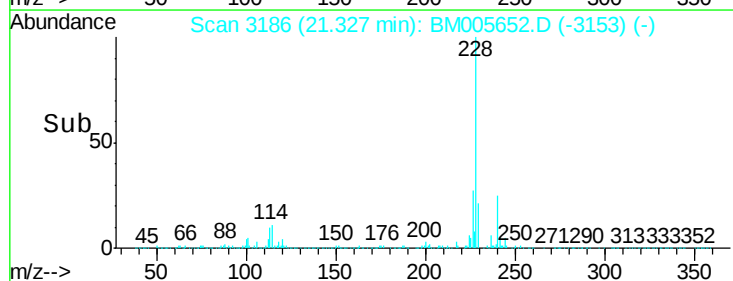
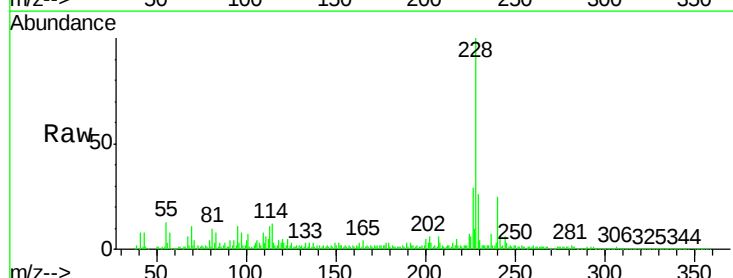
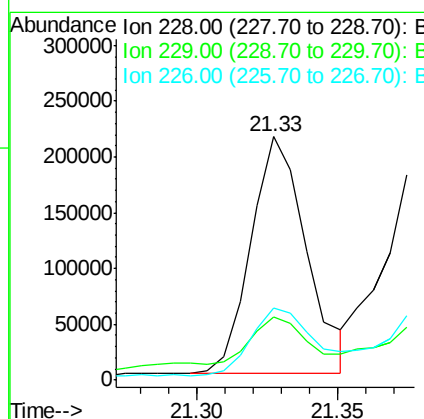
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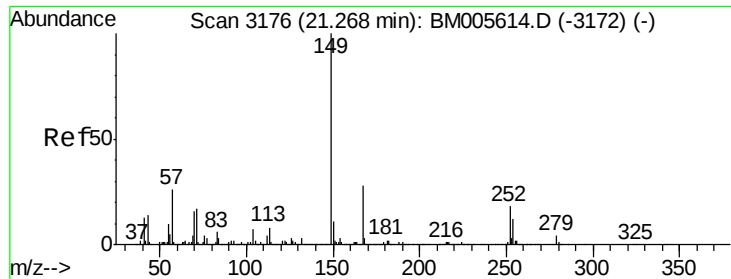
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#80
Benzo(a)anthracene
Concen: 9.50 ng/ul
RT: 21.33 min Scan# 3186
Delta R.T. -0.01 min
Lab File: BM005652.D
Acq: 27 May 2016 17:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	25.9	15.4	23.2#
226	29.4	21.0	31.4





#81

Bis(2-ethylhexyl)phthalate

Concen: 3.11 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BM005652.D

Acq: 27 May 2016 17:25

Instrument :

BNA_M

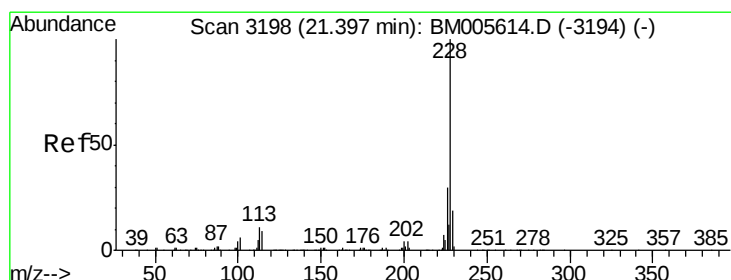
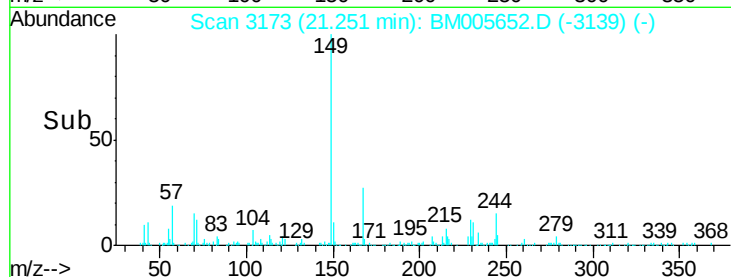
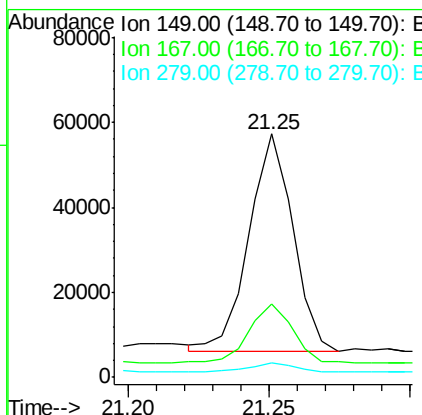
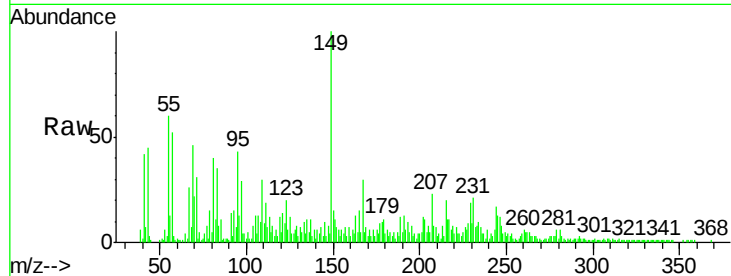
ClientSampleId :

JHGL1DL

Tot Ion:	149	Resp:	55433
Ion Ratio	Lower	Upper	
149	100		
167	30.0	22.0	33.0
279	6.1	3.8	5.8#

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#82

Chrysene

Concen: 12.08 ng/ul

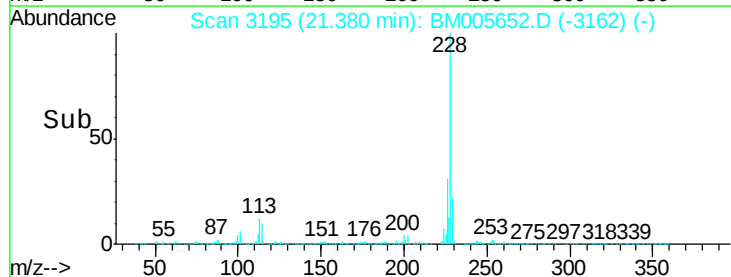
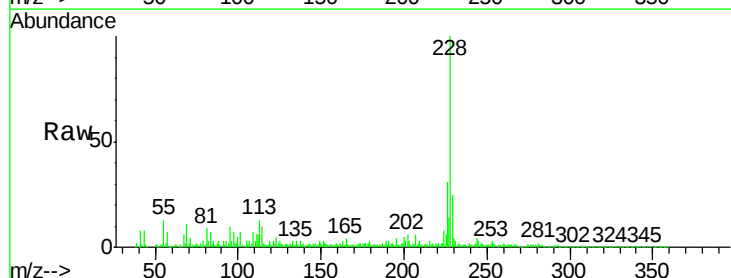
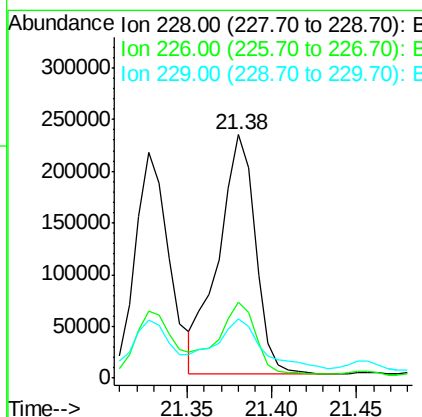
RT: 21.38 min Scan# 3195

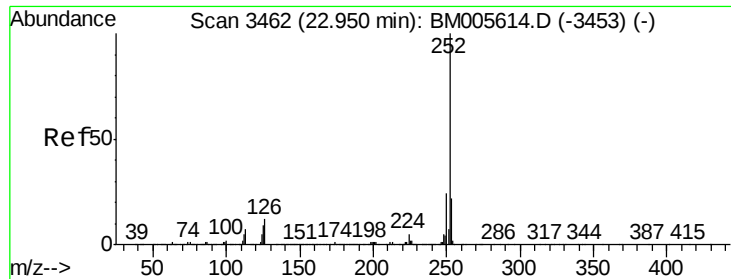
Delta R.T. -0.01 min

Lab File: BM005652.D

Acq: 27 May 2016 17:25

Tgt Ion:	228	Resp:	351946
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.7	35.5
229	24.5	15.5	23.3#





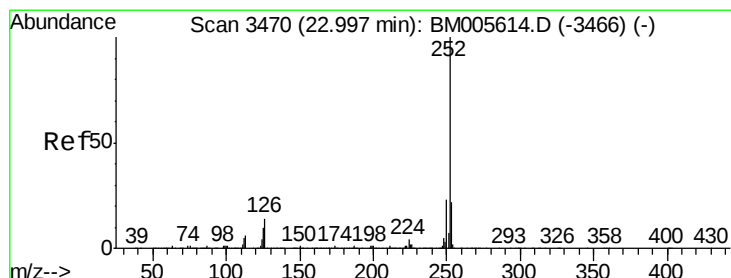
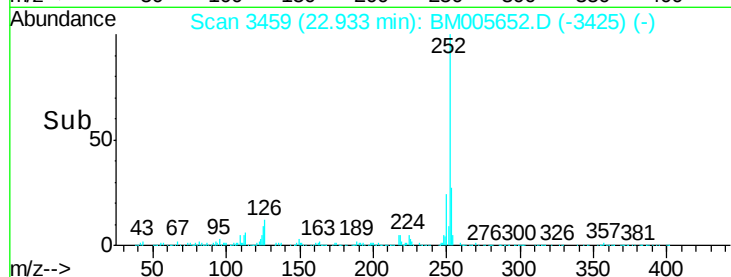
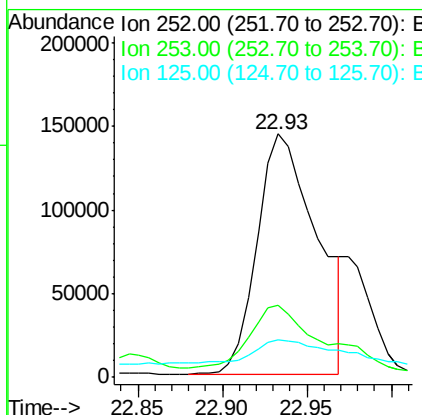
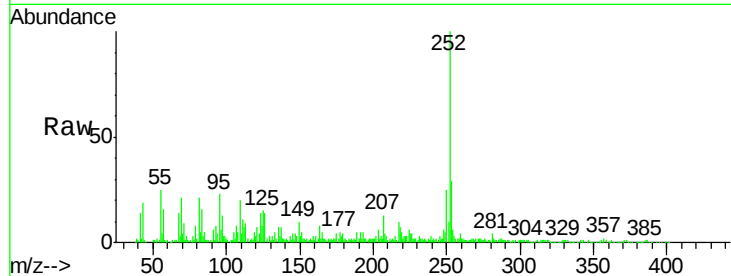
#85
Benzo(b)fluoranthene
Concen: 11.24 ng/ul
RT: 22.93 min Scan# 3459
Delta R.T. 0.00 min
Lab File: BM005652.D
Acq: 27 May 2016 17:25

Instrument :
BNA_M
ClientSampleId :
JHGL1DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	350670		
253	29.4	17.3	25.9#	
125	15.4	7.0	10.4#	

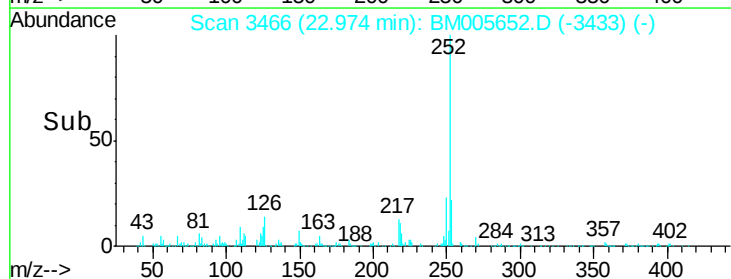
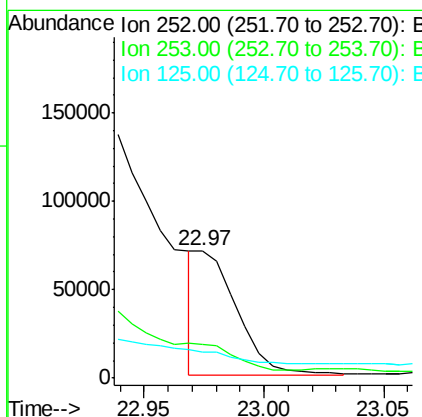
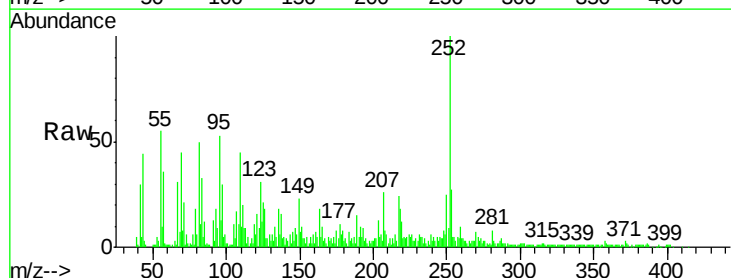
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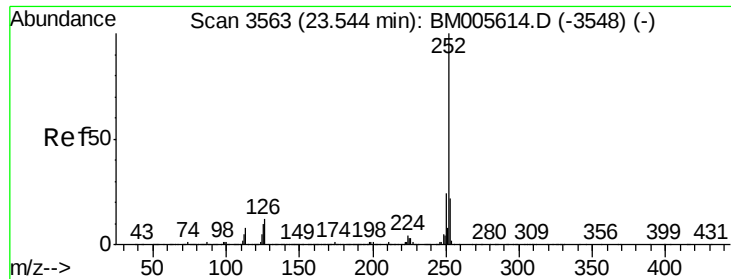
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#86
Benzo(k)fluoranthene
Concen: 2.84 ng/ul m
RT: 22.97 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM005652.D
Acq: 27 May 2016 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	83737		
253	26.8	17.5	26.3#	
125	20.8	7.0	10.6#	





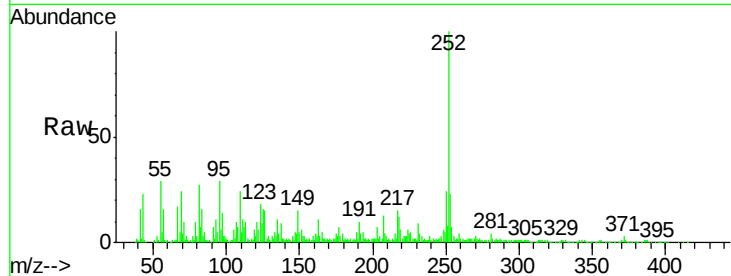
#88
Benzo(a)pyrene
Concen: 9.04 ng/ul
RT: 23.52 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BM005652.D
Acq: 27 May 2016 17:25

Instrument :
BNA_M
ClientSampleId :
JHGL1DL

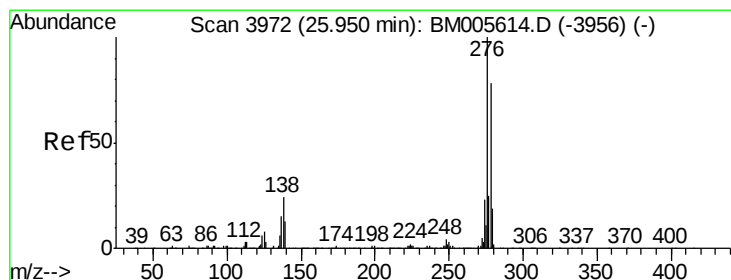
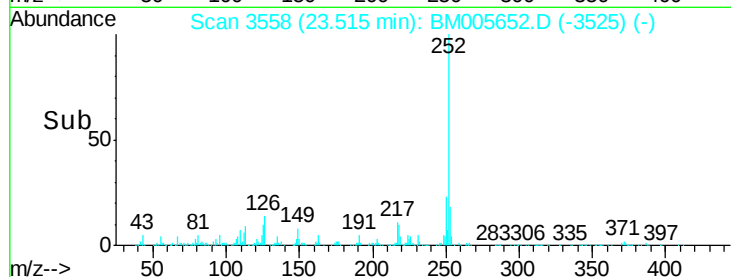
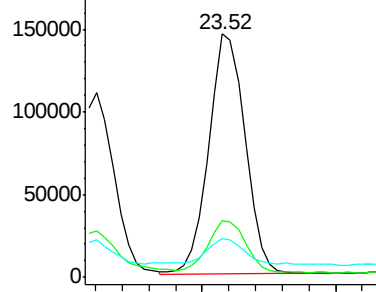
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.6	26.4
125	16.2	7.6	11.4

Manual Integrations
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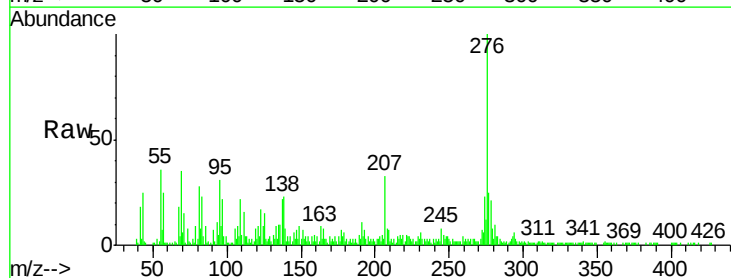


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

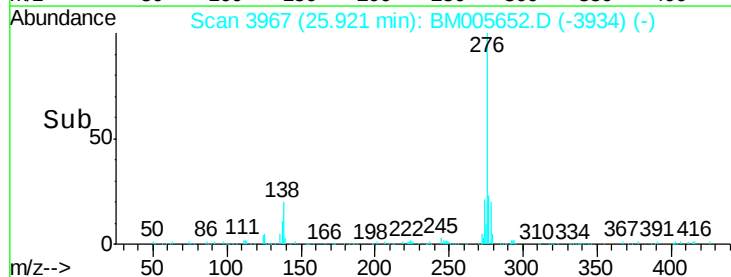
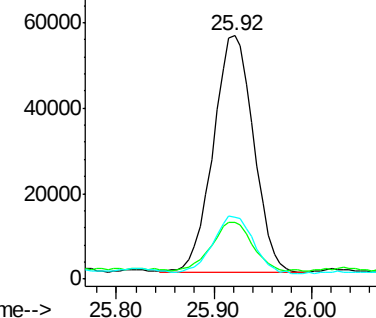


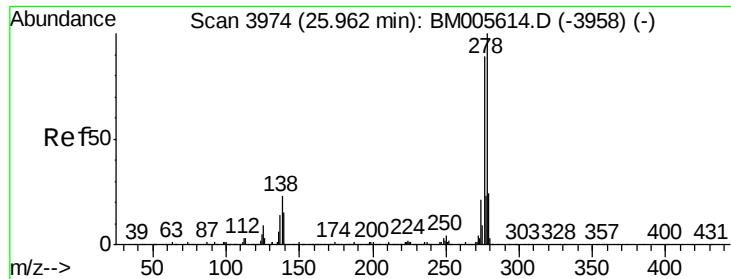
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.46 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.01 min
Lab File: BM005652.D
Acq: 27 May 2016 17:25

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.4	16.9	25.3
277	25.5	20.2	30.4



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





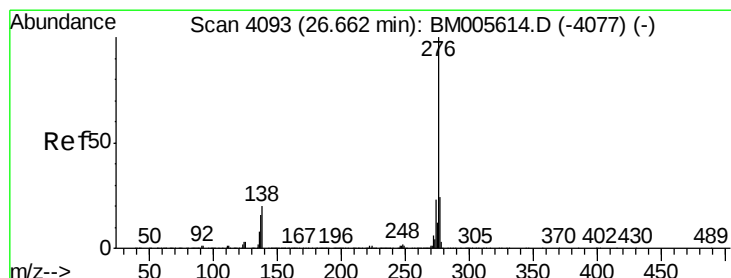
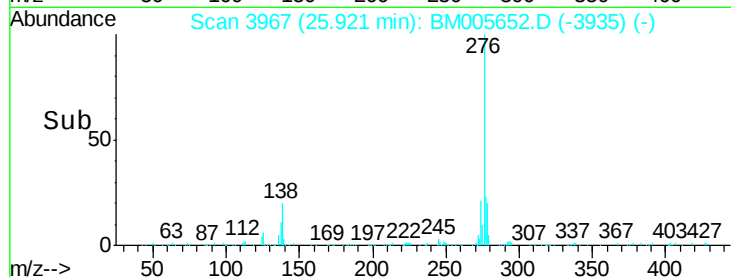
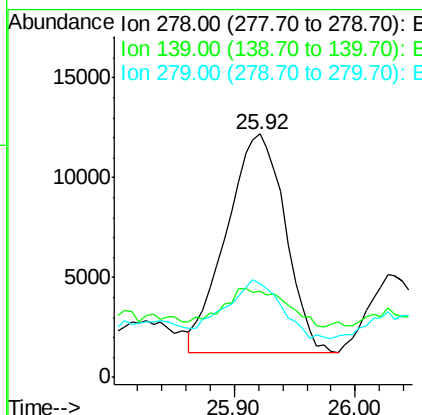
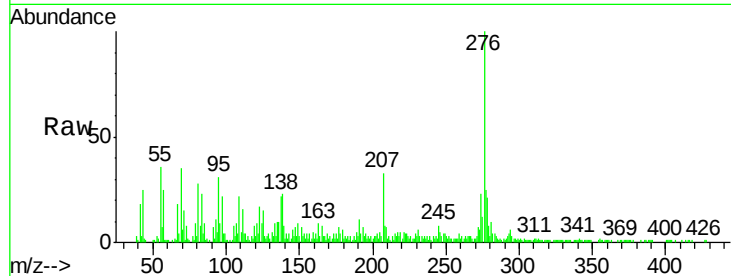
#90
Dibenzo(a,h)anthracene
Concen: 1.23 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.01 min
Lab File: BM005652.D
Acq: 27 May 2016 17:25

Instrument :
BNA_M
ClientSampleId :
JHGL1DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	35.6	11.8	17.6#
279	38.5	19.4	29.2#

Manual Integrations
APPROVED

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#91
Benzo(g,h,i)perylene
Concen: 5.48 ng/ul
RT: 26.63 min Scan# 4087
Delta R.T. -0.01 min
Lab File: BM005652.D
Acq: 27 May 2016 17:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	15.0	22.6#
277	25.7	18.6	28.0

