

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007044.D
 Acq On : 12 Aug 2016 15:25
 Operator : UM/SJ
 Sample : H4387-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-1218-01

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 8/15/2016 6:53:49 PM

Quant Time: Aug 12 23:08:19 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 23:03:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	353348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1420432	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	746121	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1577921	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1753982	20.00	ng/ul	0.01
83) Perylene-d12	23.66	264	1923366	20.00	ng/ul	0.02

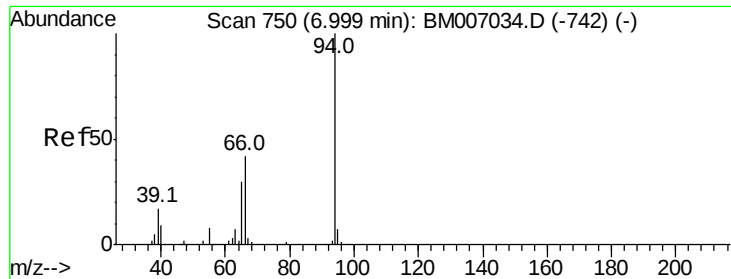
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	25976	3.21	ng/uL	0.00
5) Phenol-d5	6.97	99	576103	20.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	354607	21.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	486577	21.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	422610	17.94	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	229674	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	247880	22.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	470467	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	465267	16.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1327059	21.53	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1665660	22.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	186144	16.85	ng/ul	0.00
57) Fluorene-d10	15.44	176	1144254	21.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	123011	14.11	ng/ul	0.01
70) Anthracene-d10	17.29	188	1690429	23.12	ng/ul	0.00
76) Pyrene-d10	19.58	212	1820598	24.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	2000935	22.74	ng/ul	0.02

Target Compounds

						Ovalue
6) Phenol	7.00	94	51426	1.71	ng/ul	93
44) Dimethylphthalate	13.90	163	1647464	26.74	ng/ul	99
47) Acenaphthylene	14.17	152	506517	6.64	ng/ul	99
58) Fluorene	15.49	166	153841	2.60	ng/ul	98
69) Phenanthrene	17.23	178	2218909	26.15	ng/ul	99
71) Anthracene	17.32	178	501320	5.76	ng/ul	99
74) Fluoranthene	19.24	202	3085640	29.98	ng/ul	99
77) Pyrene	19.61	202	4048078	41.74	ng/ul	100
80) Benzo(a)anthracene	21.36	228	1972886	19.04	ng/ul	93
82) Chrysene	21.41	228	2092920	22.10	ng/ul	97
85) Benzo(b)fluoranthene	22.97	252	2174699	18.77	ng/ul	96
86) Benzo(k)fluoranthene	23.01	252	586647m	5.39	ng/ul	
88) Benzo(a)pyrene	23.56	252	1723435	15.69	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.96	276	1081991	8.04	ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	308691	2.73	ng/ul#	88
91) Benzo(g,h,i)perylene	26.66	276	1072109	9.42	ng/ul	97

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



#6

Phenol

Concen: 1.71 ng/ul

RT: 7.00 min Scan# 751

Delta R.T. 0.01 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

Instrument :

BNA_M

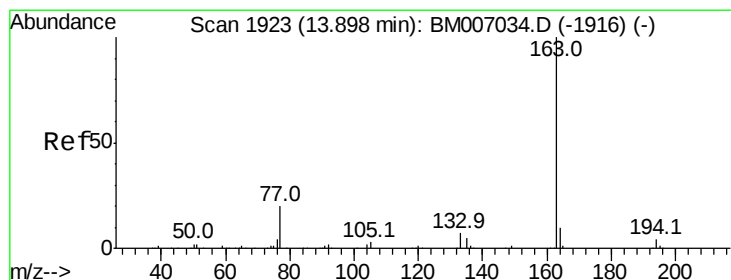
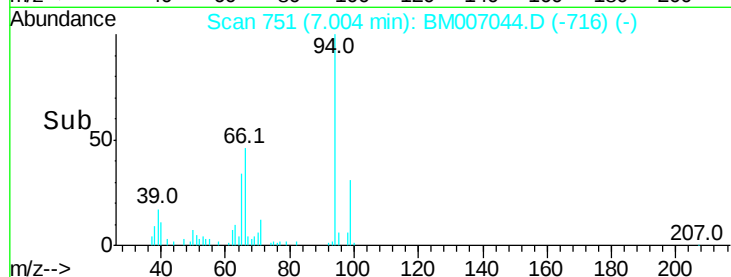
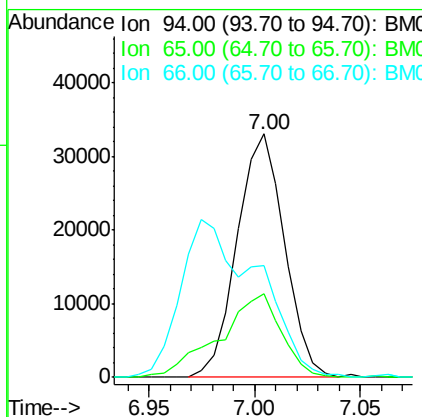
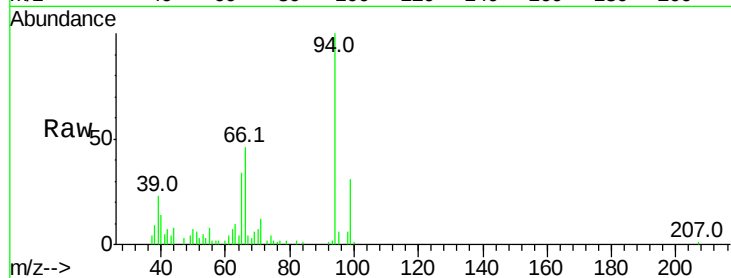
ClientSampleId :

P003-SS002-1218-01

Tot Ion:	94	Resp:	51426
Ion	Ratio	Lower	Upper
94	100		
65	34.4	23.9	35.9
66	46.1	33.5	50.3

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#44

Dimethylphthalate

Concen: 26.74 ng/ul

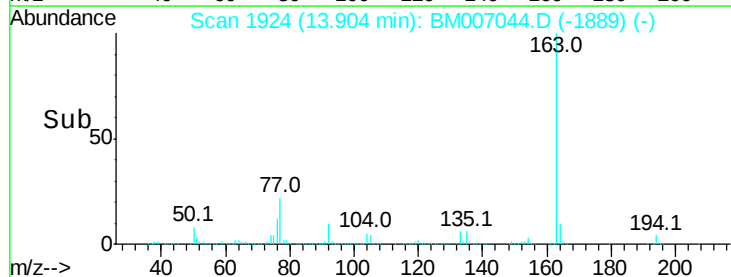
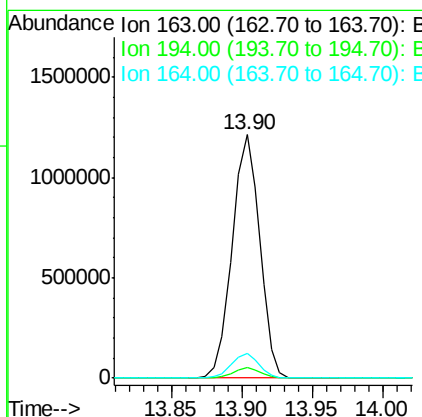
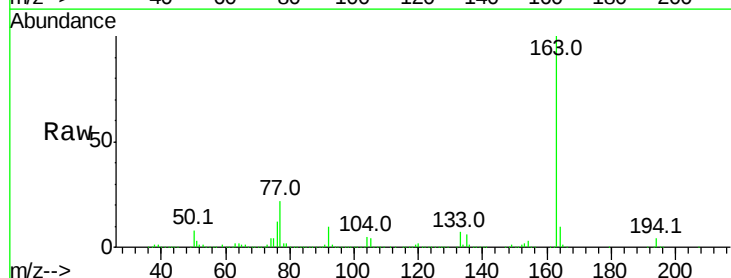
RT: 13.90 min Scan# 1924

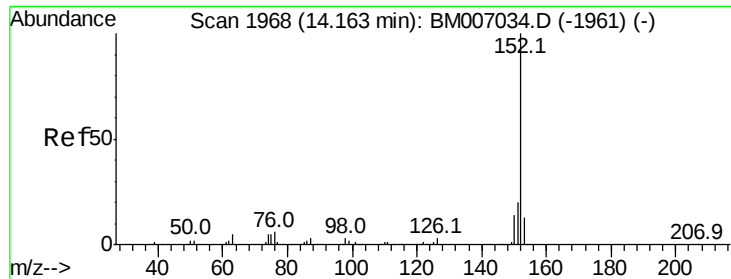
Delta R.T. 0.01 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

Tgt Ion:	163	Resp:	1647464
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	7.8	11.8





#47

Acenaphthylene

Concen: 6.64 ng/ul

RT: 14.17 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

Instrument :

BNA_M

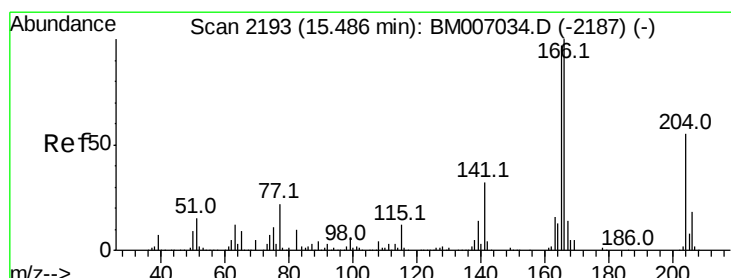
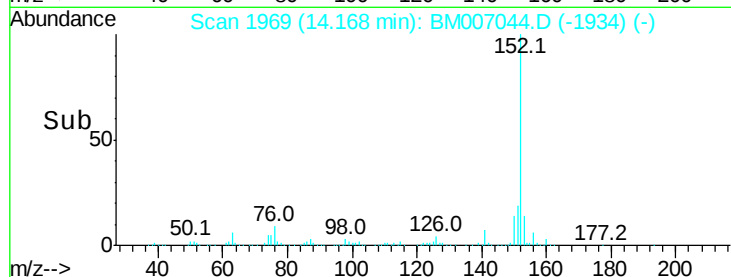
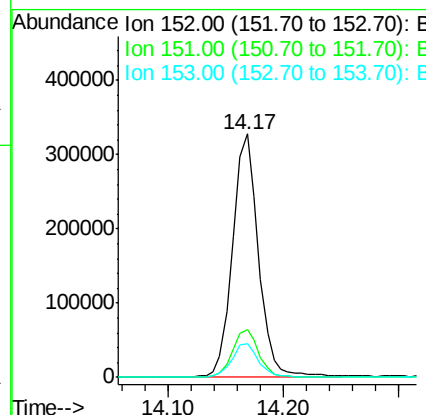
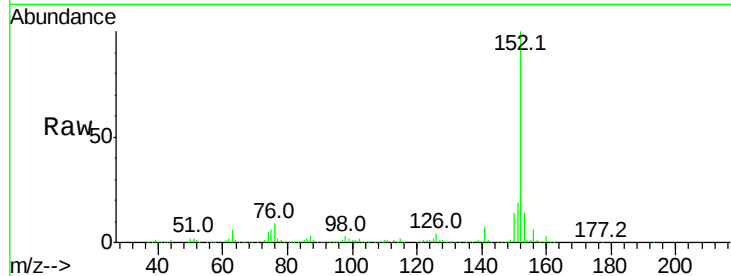
ClientSampleId :

P003-SS002-1218-01

Tot Ion:	152	Resp:	506517
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.0	24.0
153	14.0	11.0	16.6

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#58

Fluorene

Concen: 2.60 ng/ul

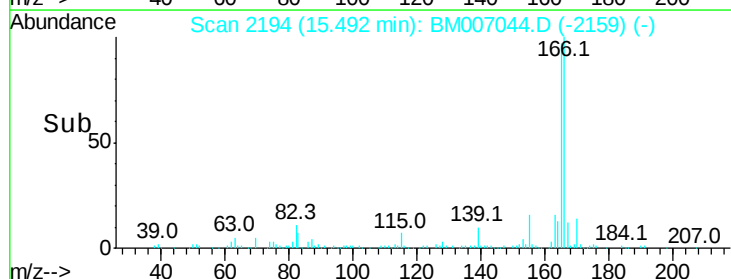
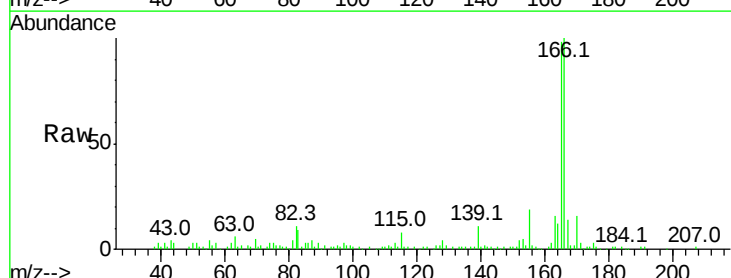
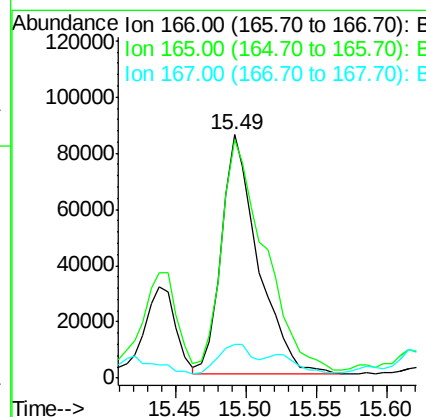
RT: 15.49 min Scan# 2194

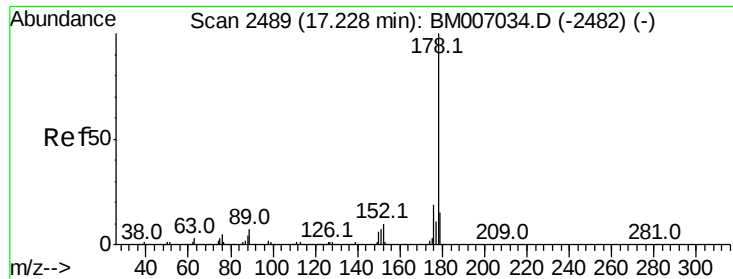
Delta R.T. 0.01 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

Tgt Ion:	166	Resp:	153841
Ion Ratio	Lower	Upper	
166	100		
165	97.8	79.9	119.9
167	14.1	10.5	15.7





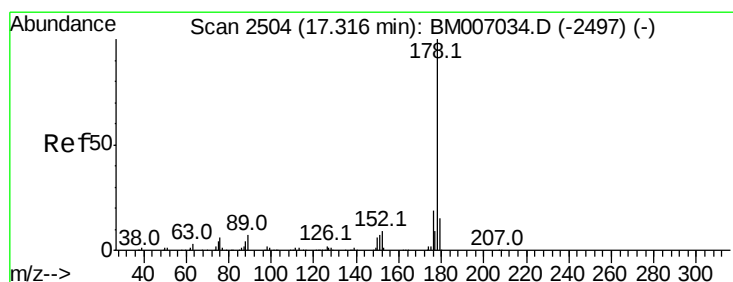
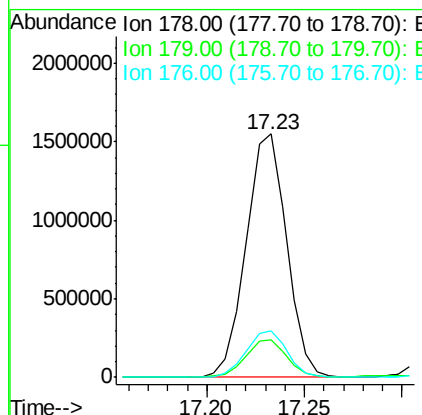
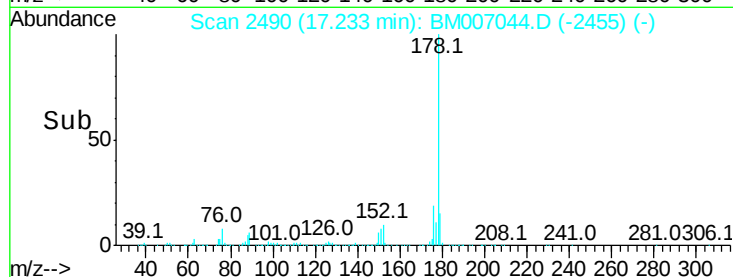
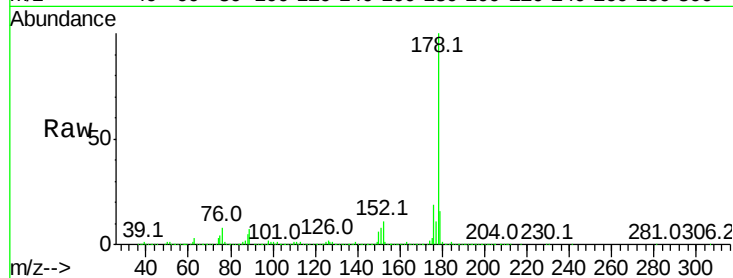
#69
 Phenanthrene
 Concen: 26.15 ng/ul
 RT: 17.23 min Scan# 2490
 Delta R.T. 0.01 min
 Lab File: BM007044.D
 Acq: 12 Aug 2016 15:25

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.3	15.1	22.7

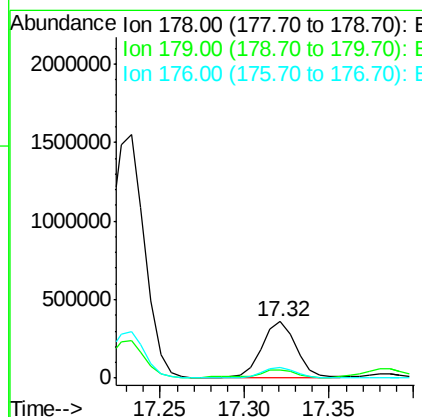
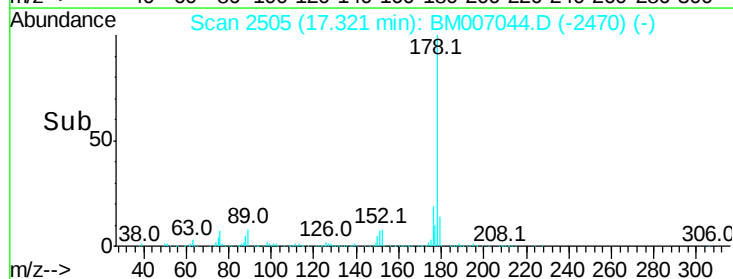
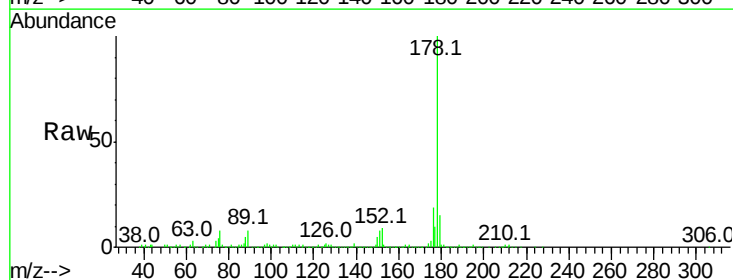
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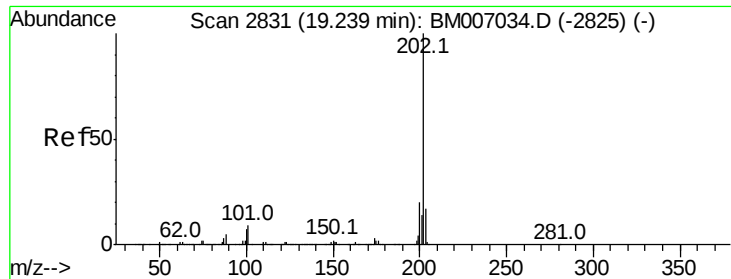
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#71
 Anthracene
 Concen: 5.76 ng/ul
 RT: 17.32 min Scan# 2505
 Delta R.T. 0.01 min
 Lab File: BM007044.D
 Acq: 12 Aug 2016 15:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.1	18.1
176	18.6	14.5	21.7





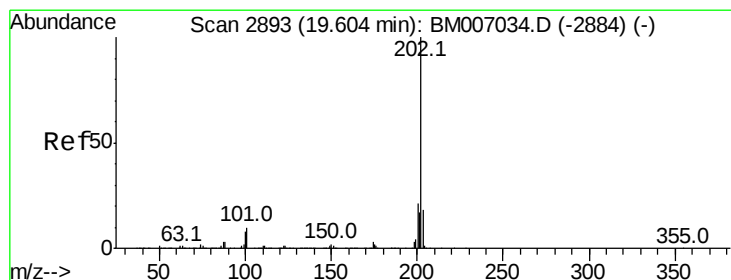
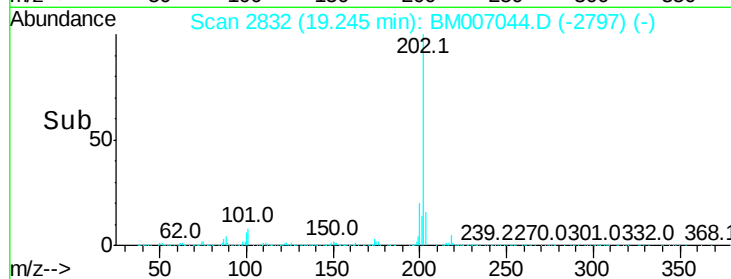
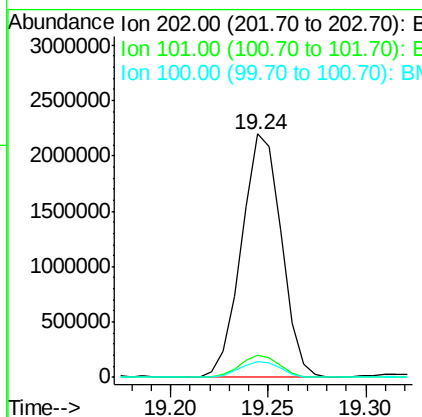
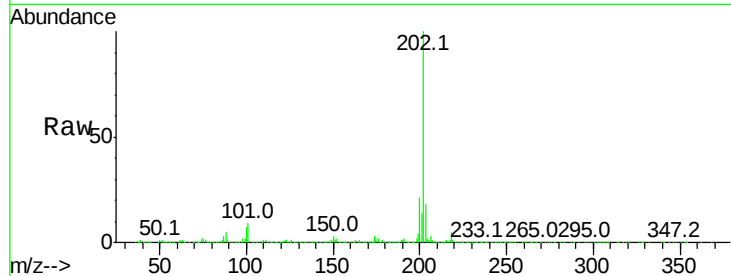
#74
 Fluoranthene
 Concen: 29.98 ng/ul
 RT: 19.24 min Scan# 2832
 Delta R.T. 0.01 min
 Lab File: BM007044.D
 Acq: 12 Aug 2016 15:25

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-1218-01

Tot Ion:	202	Resp:	3085640
Ion Ratio	Lower	Upper	
202	100		
101	9.1	6.9	10.3
100	6.7	5.4	8.0

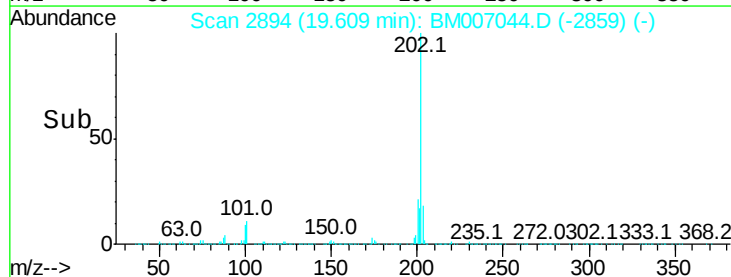
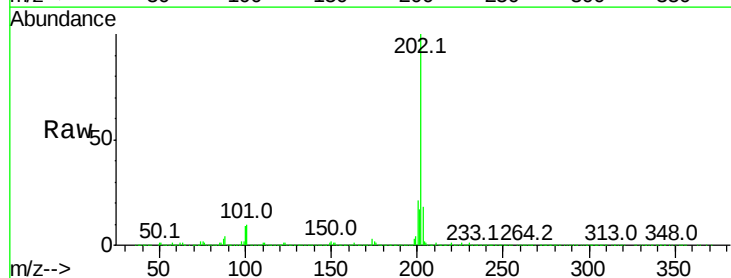
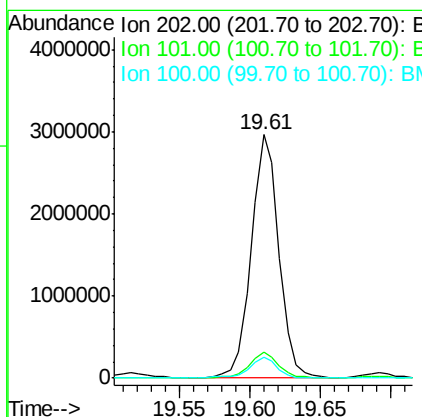
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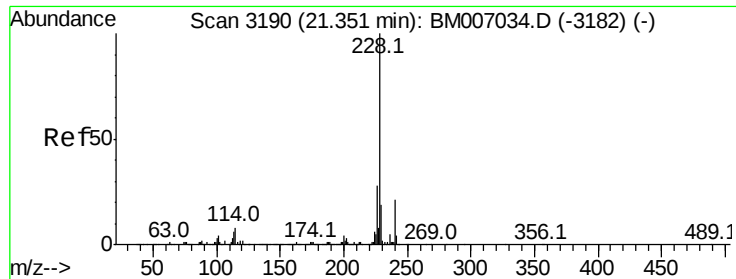
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#77
 Pyrene
 Concen: 41.74 ng/ul
 RT: 19.61 min Scan# 2894
 Delta R.T. 0.01 min
 Lab File: BM007044.D
 Acq: 12 Aug 2016 15:25

Tgt Ion:	202	Resp:	4048078
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.4	12.6
100	8.6	6.9	10.3





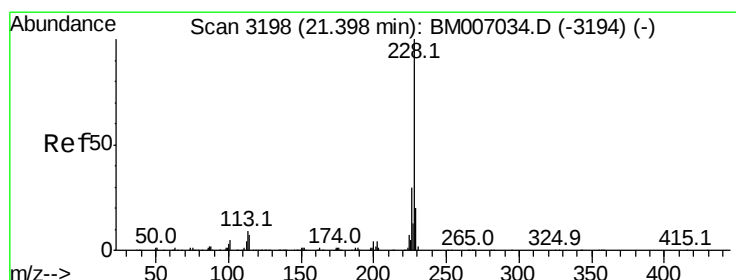
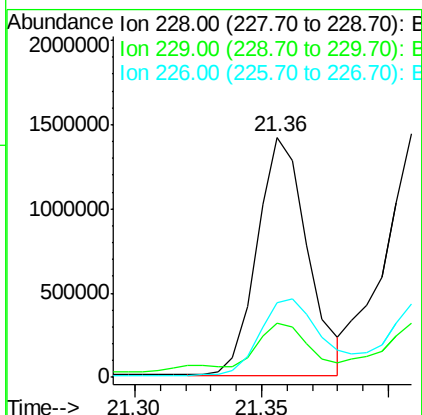
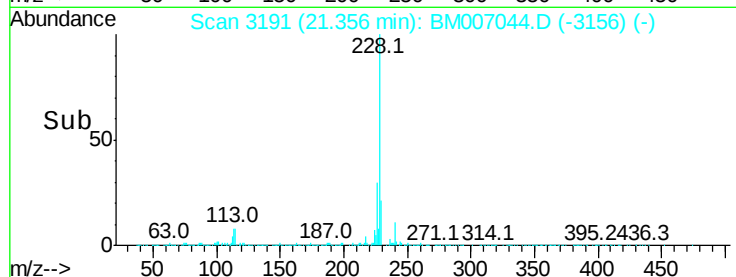
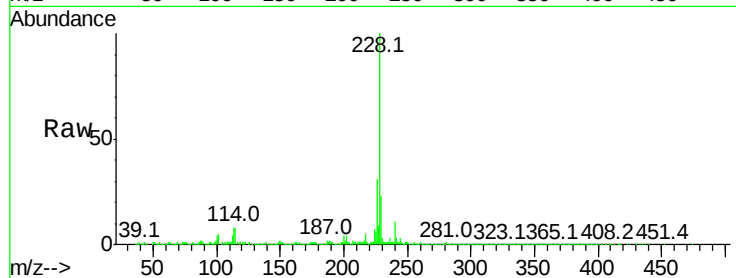
#80
Benzo(a)anthracene
Concen: 19.04 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. 0.01 min
Lab File: BM007044.D
Acq: 12 Aug 2016 15:25

Instrument :
BNA_M
ClientSampleId :
P003-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.6	23.4
226	31.1	21.8	32.8

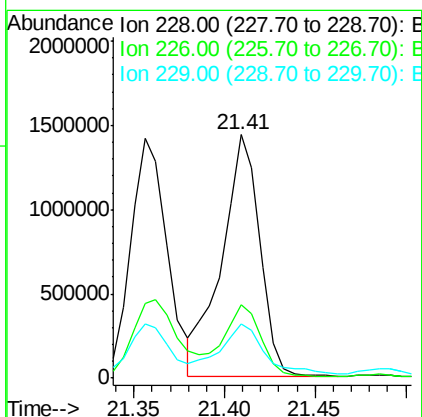
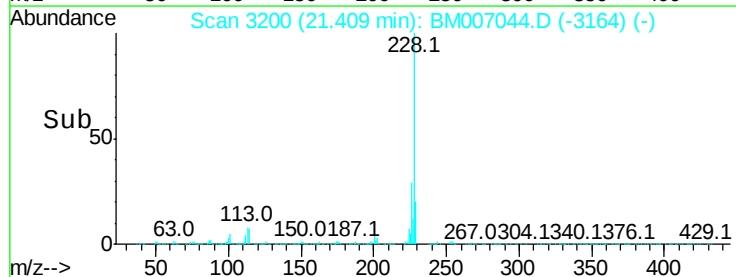
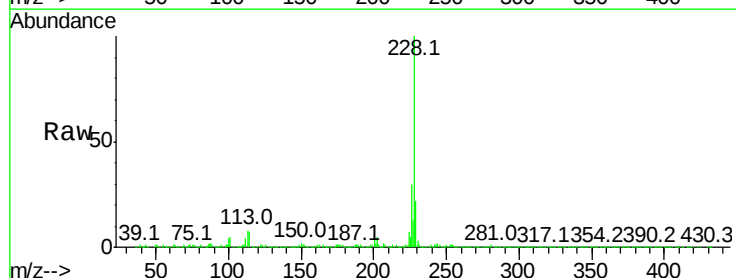
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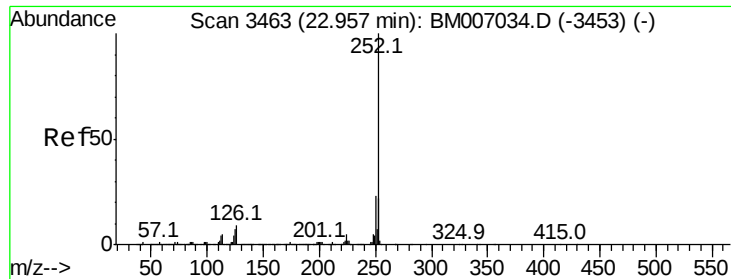
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#82
Chrysene
Concen: 22.10 ng/ul
RT: 21.41 min Scan# 3200
Delta R.T. 0.01 min
Lab File: BM007044.D
Acq: 12 Aug 2016 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.2	15.5	23.3





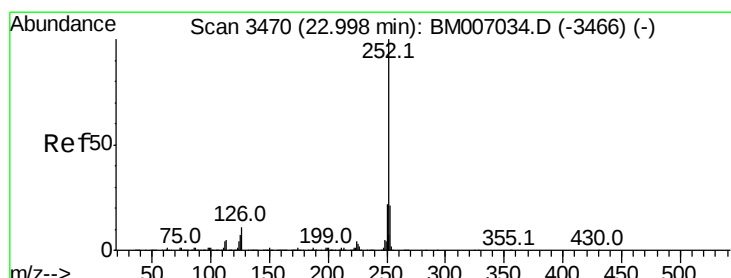
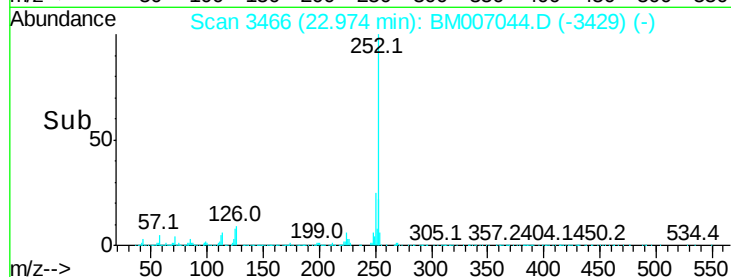
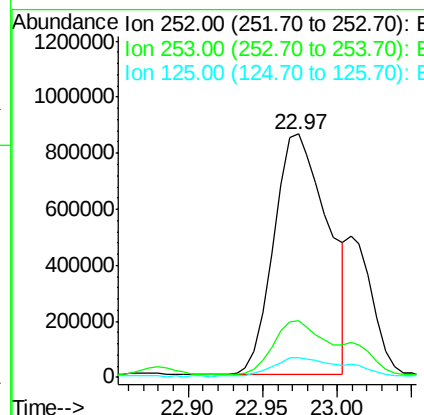
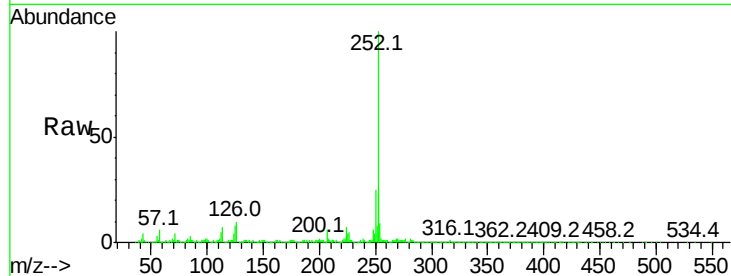
#85
Benzo(b)fluoranthene
Concen: 18.77 ng/ul
RT: 22.97 min Scan# 3466
Delta R.T. 0.02 min
Lab File: BM007044.D
Acq: 12 Aug 2016 15:25

Instrument :
BNA_M
ClientSampleId :
P003-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	8.1	5.8	8.8

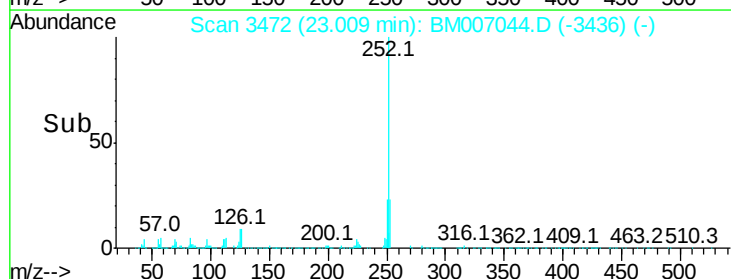
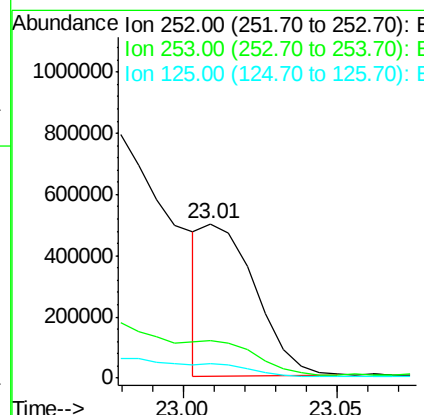
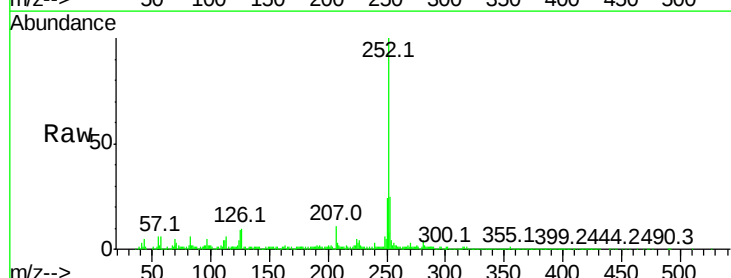
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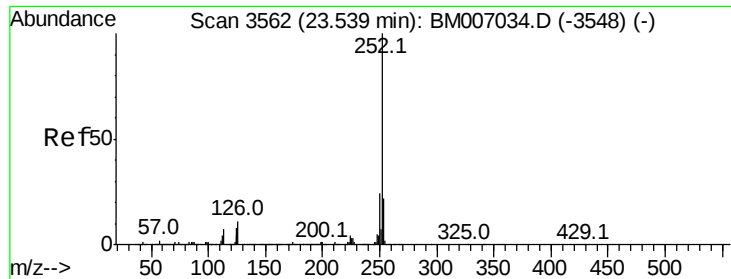
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#86
Benzo(k)fluoranthene
Concen: 5.39 ng/ul m
RT: 23.01 min Scan# 3472
Delta R.T. 0.01 min
Lab File: BM007044.D
Acq: 12 Aug 2016 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	9.2	5.7	8.5





#88

Benzo(a)pyrene

Concen: 15.69 ng/ul

RT: 23.56 min Scan# 3565

Delta R.T. 0.02 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

Instrument :

BNA_M

ClientSampleId :

P003-SS002-1218-01

Tot Ion:252 Resp: 1723435

Ion Ratio Lower Upper

252 100

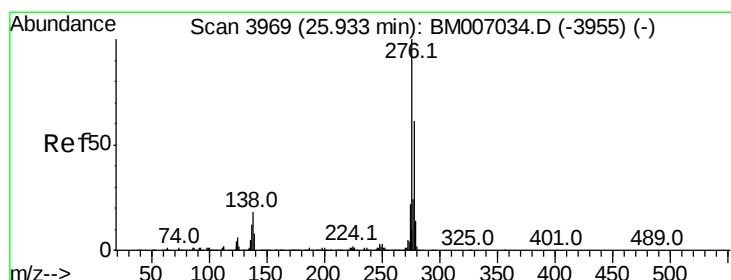
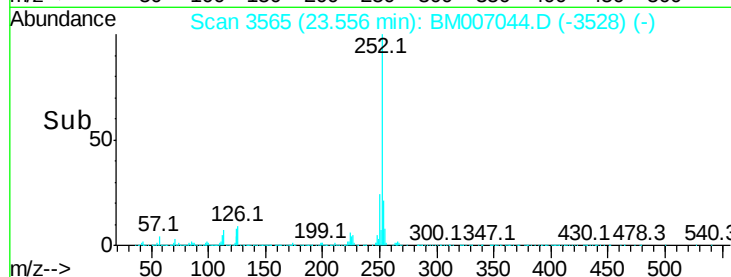
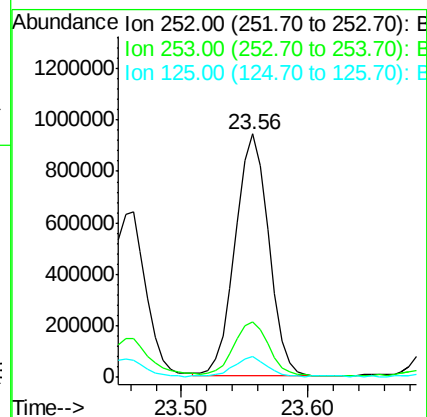
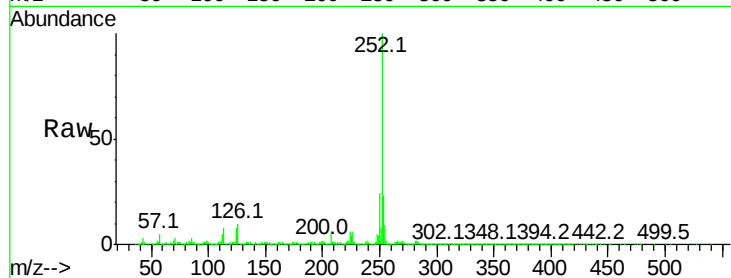
253 22.6 17.7 26.5

125 8.3 6.6 9.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 8.04 ng/ul

RT: 25.96 min Scan# 3973

Delta R.T. 0.02 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

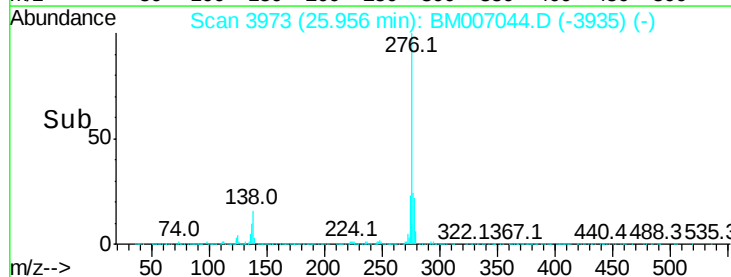
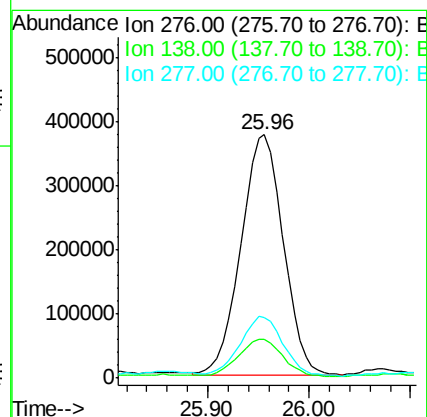
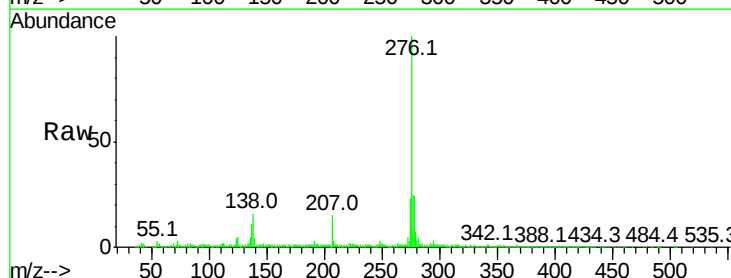
Tgt Ion:276 Resp: 1081991

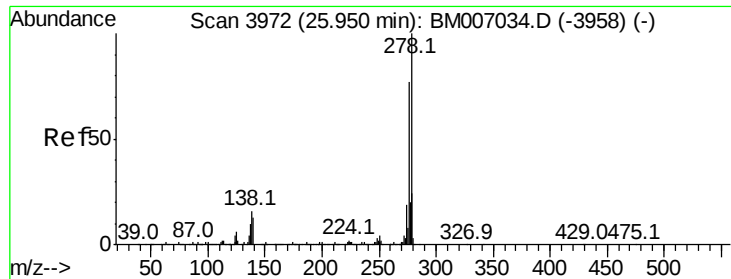
Ion Ratio Lower Upper

276 100

138 16.1 13.9 20.9

277 24.8 20.1 30.1





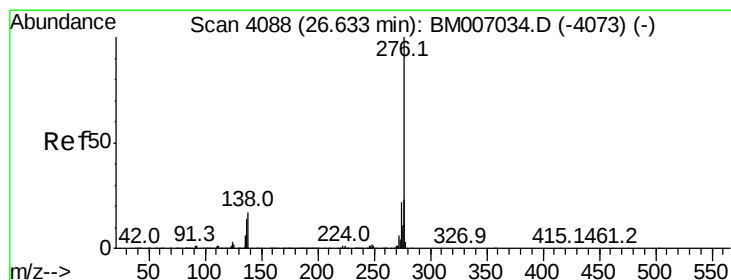
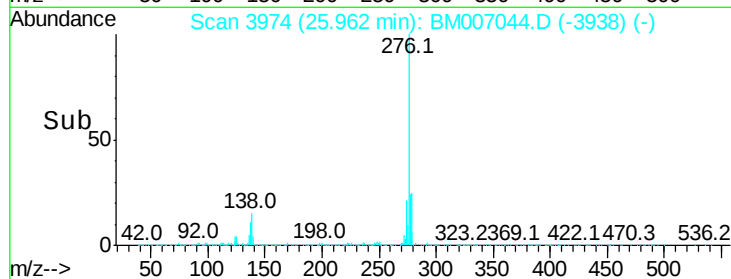
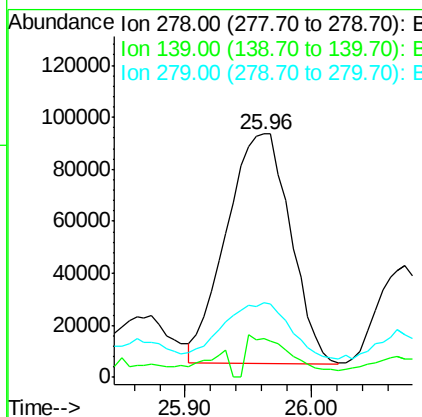
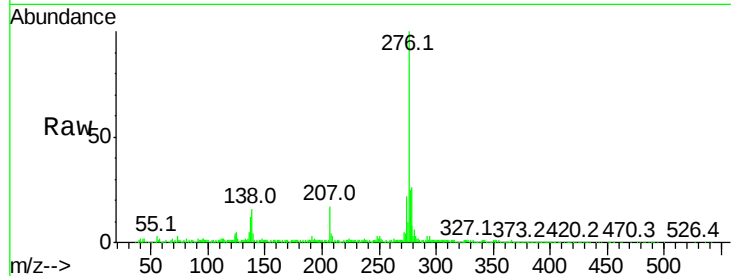
#90
Dibenzo(a,h)anthracene
Concen: 2.73 ng/ul
RT: 25.96 min Scan# 3974
Delta R.T. 0.01 min
Lab File: BM007044.D
Acq: 12 Aug 2016 15:25

Instrument :
BNA_M
ClientSampleId :
P003-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	9.5	14.3#
279	30.6	19.1	28.7#

Manual Integrations
APPROVED

sohil
8/15/2016 6:53:49 PM



#91
Benzo(g,h,i)perylene
Concen: 9.42 ng/ul
RT: 26.66 min Scan# 4093
Delta R.T. 0.03 min
Lab File: BM007044.D
Acq: 12 Aug 2016 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	13.5	20.3
277	25.1	19.3	28.9

