

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007046.D
 Acq On : 12 Aug 2016 16:38
 Operator : UM/SJ
 Sample : H4387-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-0206-01

Manual Integrations
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Quant Time: Aug 13 00:36:28 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	362179	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1449874	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	745596	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1506080	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1572612	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1715661	20.00	ng/ul	0.01

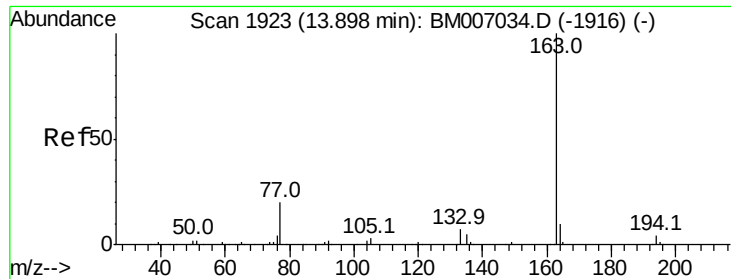
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	15086	1.82	ng/uL	0.00
5) Phenol-d5	6.97	99	412718	14.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	258399	15.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	342807	14.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	324820	13.45	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	168224	15.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	187385	16.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	347961	14.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	284661	10.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1044426	16.95	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1200828	16.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	143964	13.04	ng/ul	0.00
57) Fluorene-d10	15.44	176	881887	16.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	102363	12.30	ng/ul	0.01
70) Anthracene-d10	17.29	188	1395964	20.01	ng/ul	0.00
76) Pyrene-d10	19.58	212	1577408	23.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1742820	22.21	ng/ul	0.01

Target Compounds

						Ovalue
44) Dimethylphthalate	13.90	163	825801	13.41	ng/ul	98
47) Acenaphthylene	14.17	152	210518	2.76	ng/ul	98
58) Fluorene	15.49	166	64795	1.09	ng/ul#	97
69) Phenanthrene	17.23	178	883939	10.91	ng/ul	100
71) Anthracene	17.32	178	224691	2.70	ng/ul	98
74) Fluoranthene	19.24	202	1205517	12.27	ng/ul	99
77) Pyrene	19.61	202	1661752	19.11	ng/ul	99
80) Benzo(a)anthracene	21.36	228	738847m	7.95	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.29	149	70207	1.40	ng/ul	100
82) Chrysene	21.41	228	853829	10.06	ng/ul	95
85) Benzo(b)fluoranthene	22.97	252	922658	8.93	ng/ul	96
86) Benzo(k)fluoranthene	23.00	252	257095m	2.65	ng/ul	
88) Benzo(a)pyrene	23.55	252	792660	8.09	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.95	276	527521	4.39	ng/ul	97
90) Dibenzo(a,h)anthracene	25.95	278	142716	1.42	ng/ul#	85
91) Benzo(g,h,i)perylene	26.66	276	539531	5.32	ng/ul	97

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



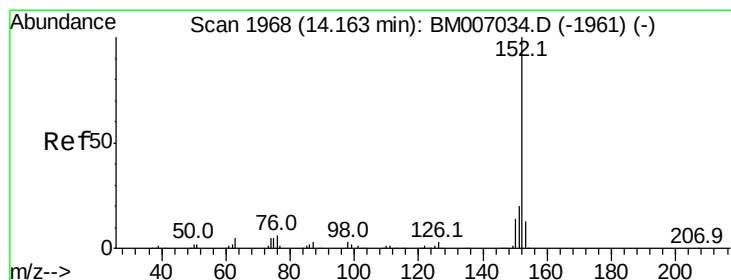
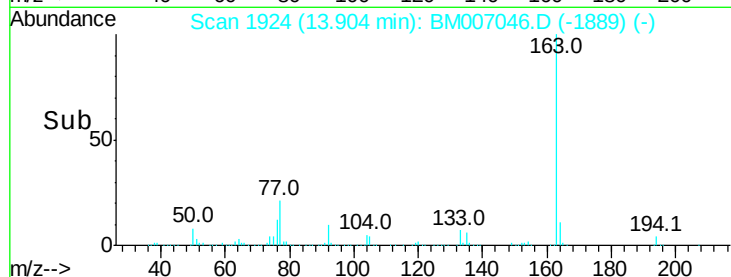
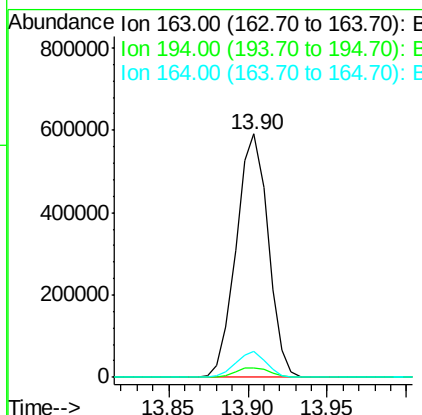
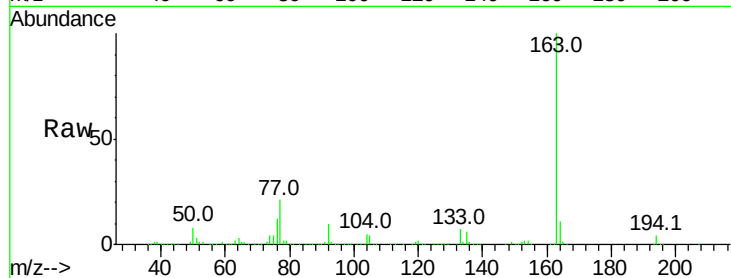
#44
Dimethylphthalate
Concen: 13.41 ng/ul
RT: 13.90 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BM007046.D
Acq: 12 Aug 2016 16:38

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0206-01

Tot Ion	Ratio	Resp	Lower	Upper
163	100	825801		
194	4.1		3.4	5.2
164	10.6		7.8	11.8

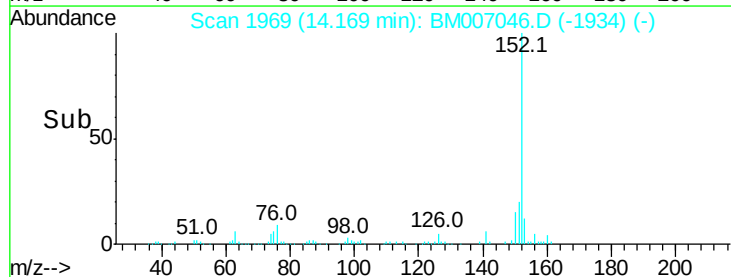
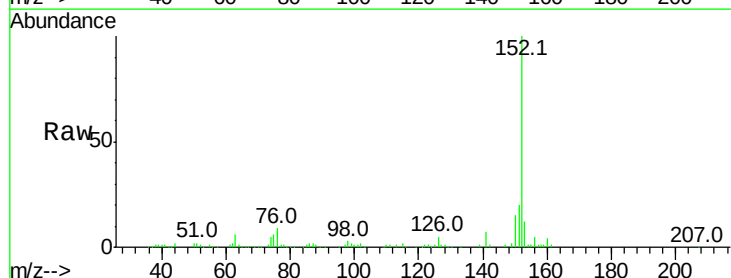
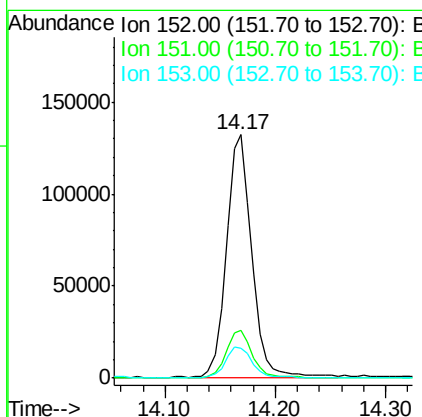
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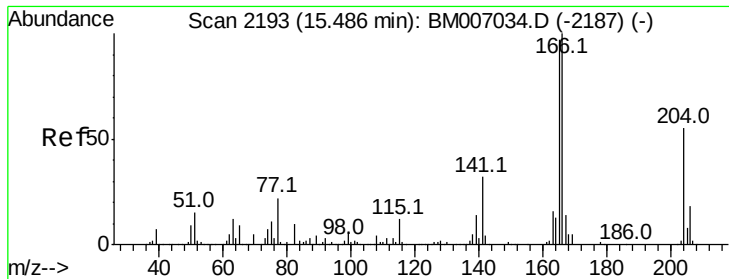
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#47
Acenaphthylene
Concen: 2.76 ng/ul
RT: 14.17 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BM007046.D
Acq: 12 Aug 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	210518		
151	19.9		16.0	24.0
153	12.4		11.0	16.6





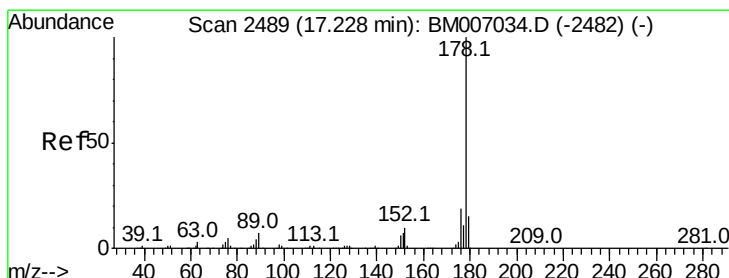
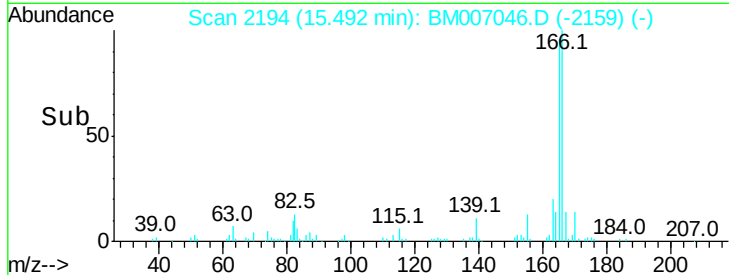
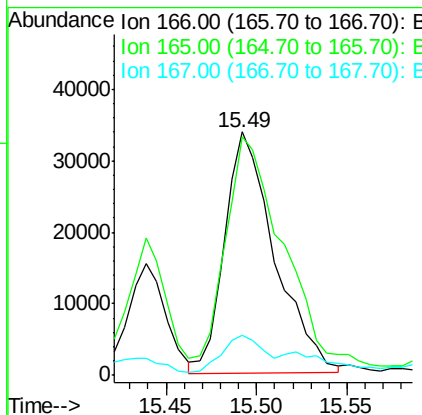
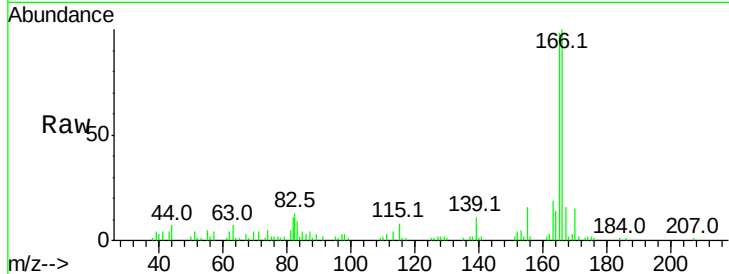
#58
 Fluorene
 Concen: 1.09 ng/ul
 RT: 15.49 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: BM007046.D
 Acq: 12 Aug 2016 16:38

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-0206-01

Tot Ion	Ratio	Resp	Lower	Upper
166	100	64795		
165	98.1	79.9	119.9	
167	16.4	10.5	15.7	

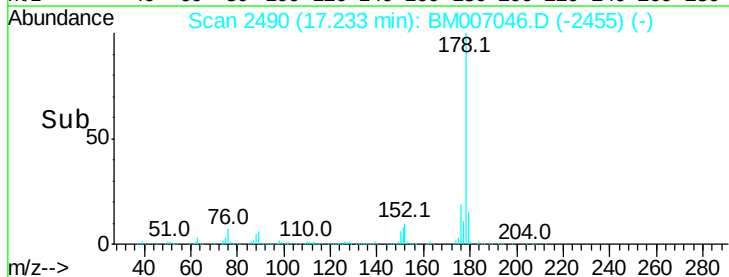
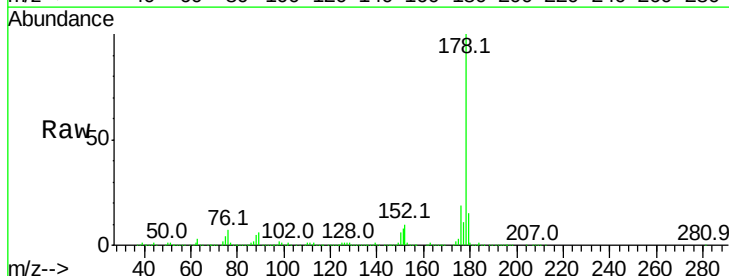
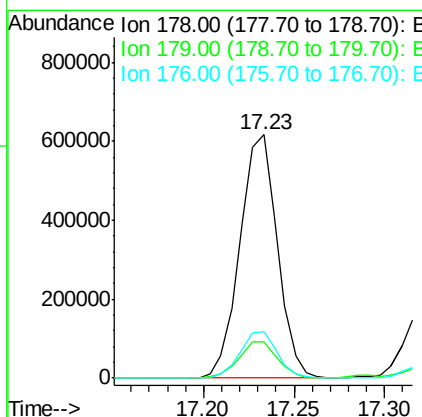
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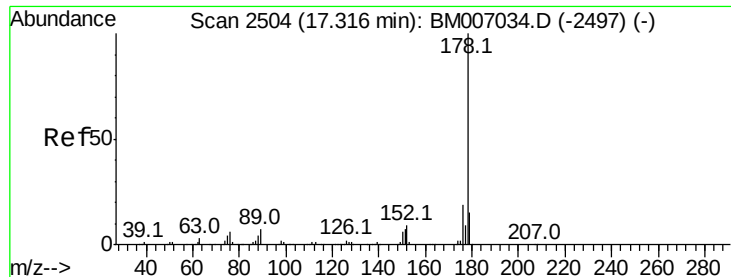
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#69
 Phenanthrene
 Concen: 10.91 ng/ul
 RT: 17.23 min Scan# 2490
 Delta R.T. 0.01 min
 Lab File: BM007046.D
 Acq: 12 Aug 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	883939		
179	15.1	12.2	18.2	
176	19.1	15.1	22.7	





#71

Anthracene

Concen: 2.70 ng/ul

RT: 17.32 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BM007046.D

Acq: 12 Aug 2016 16:38

Instrument :

BNA_M

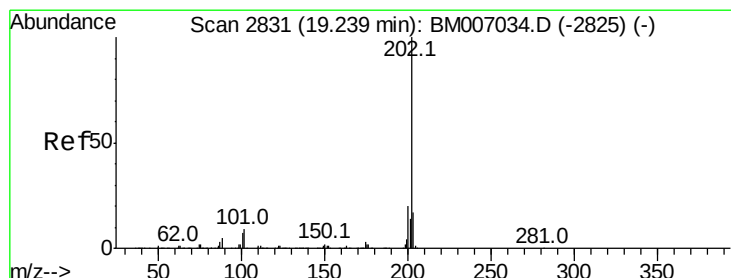
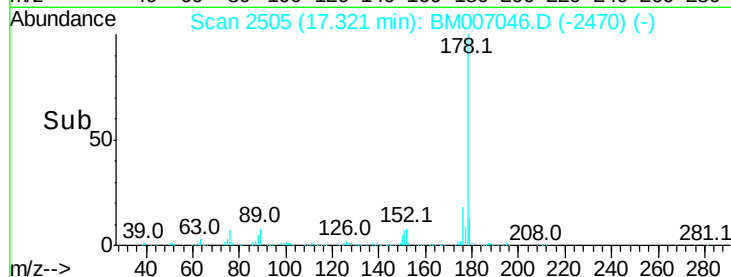
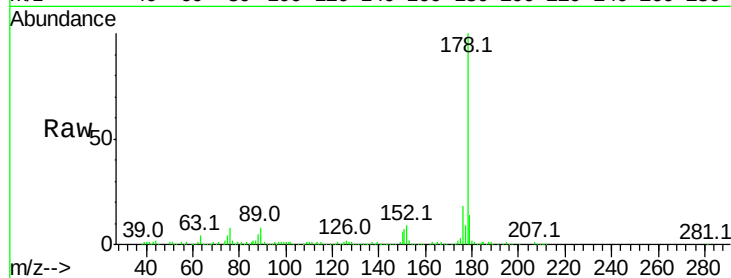
ClientSampleId :

P003-SS002-0206-01

Tot Ion:	178	Resp:	224691
Ion Ratio	Lower	Upper	
178	100		
179	13.7	12.1	18.1
176	18.3	14.5	21.7

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#74

Fluoranthene

Concen: 12.27 ng/ul

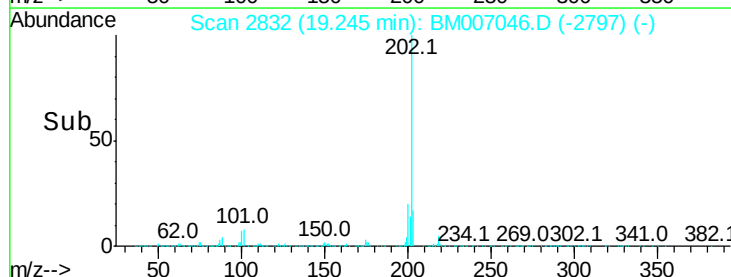
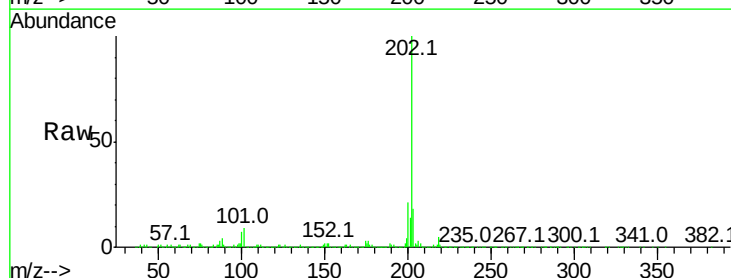
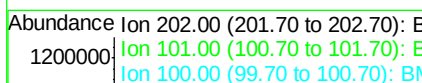
RT: 19.24 min Scan# 2832

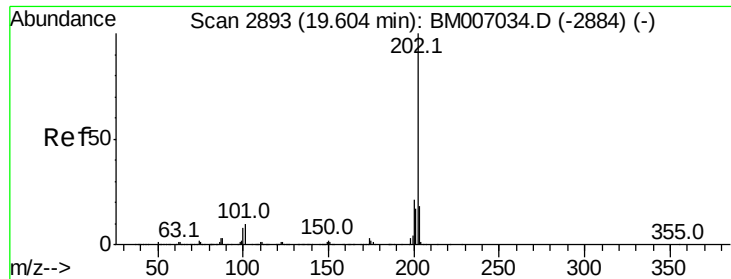
Delta R.T. 0.01 min

Lab File: BM007046.D

Acq: 12 Aug 2016 16:38

Tgt Ion:	202	Resp:	1205517
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.9	10.3
100	6.8	5.4	8.0





#77

Pvrene

Concen: 19.11 ng/ul

RT: 19.61 min Scan# 2894

Delta R.T. 0.01 min

Lab File: BM007046.D

Acq: 12 Aug 2016 16:38

Instrument :

BNA_M

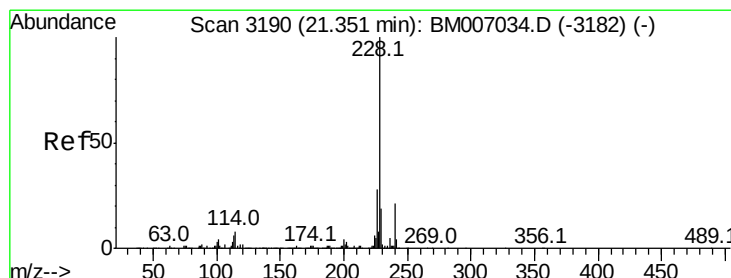
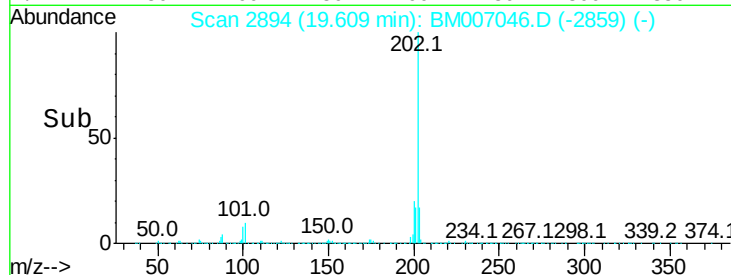
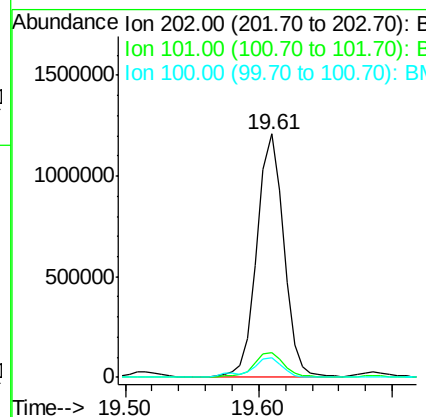
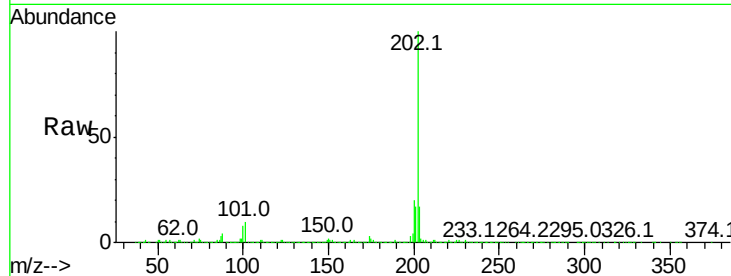
ClientSampleId :

P003-SS002-0206-01

Tot Ion:	202	Resp:	1661752
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.4	12.6
100	8.0	6.9	10.3

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#80

Benzo(a)anthracene

Concen: 7.95 ng/ul m

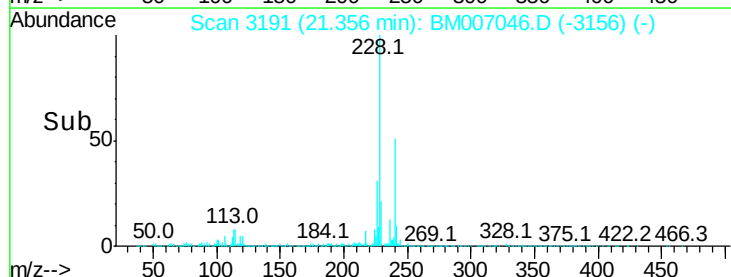
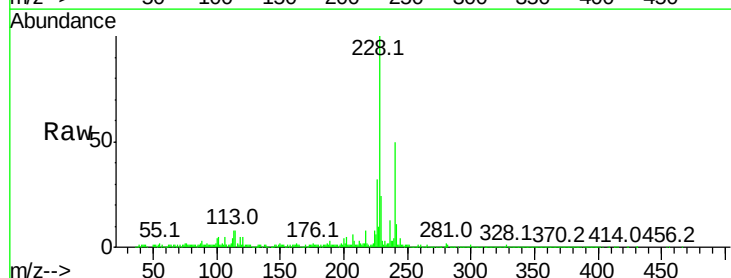
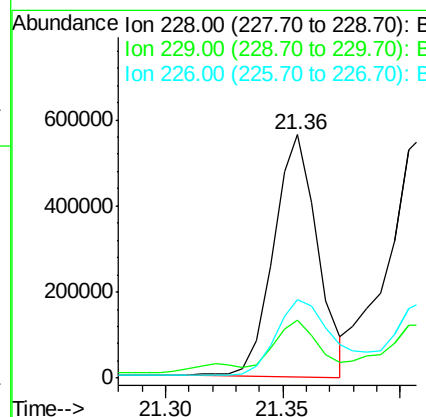
RT: 21.36 min Scan# 3191

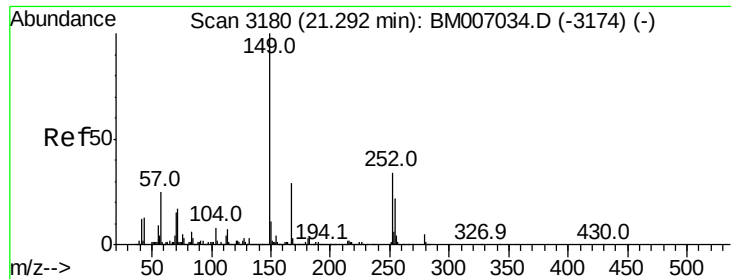
Delta R.T. 0.01 min

Lab File: BM007046.D

Acq: 12 Aug 2016 16:38

Tgt Ion:	228	Resp:	738847
Ion Ratio	Lower	Upper	
228	100		
229	23.8	15.6	23.4#
226	32.4	21.8	32.8





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.40 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM007046.D

Acq: 12 Aug 2016 16:38

Instrument :

BNA_M

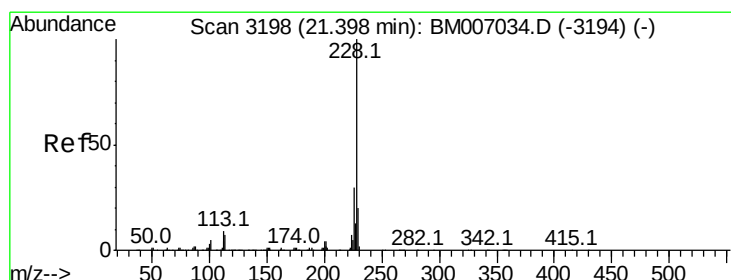
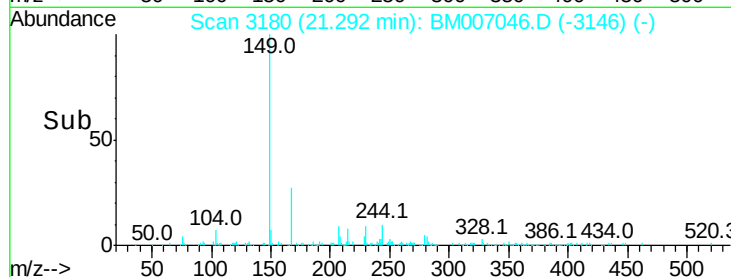
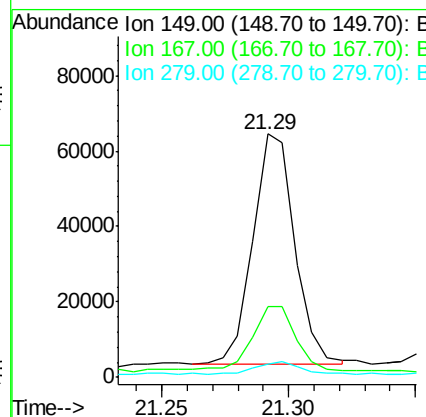
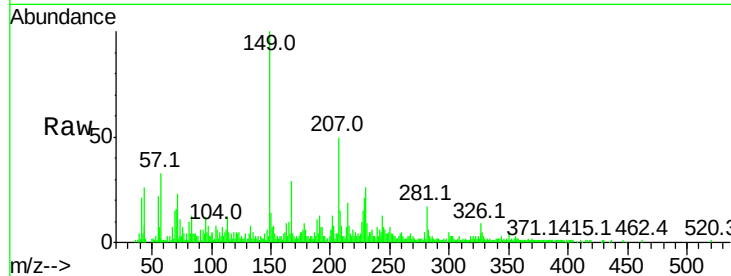
ClientSampleId :

P003-SS002-0206-01

Tot Ion:	149	Resp:	70207
Ion Ratio	Lower	Upper	
149	100		
167	29.0	23.2	34.8
279	5.3	4.1	6.1

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#82

Chrysene

Concen: 10.06 ng/ul

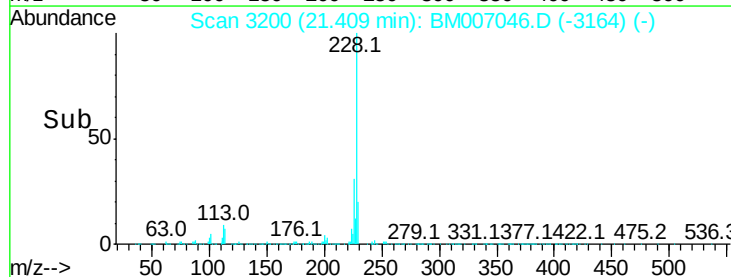
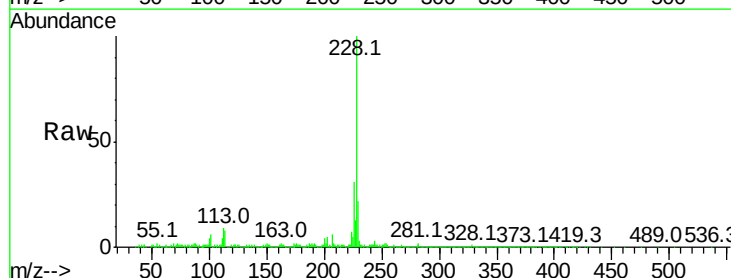
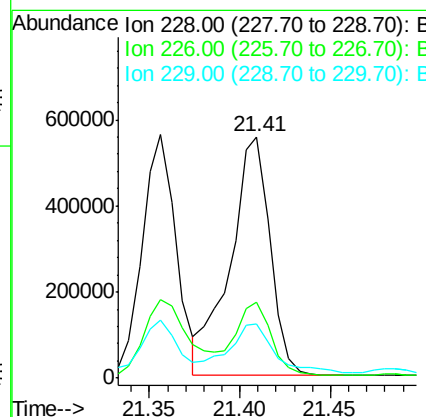
RT: 21.41 min Scan# 3200

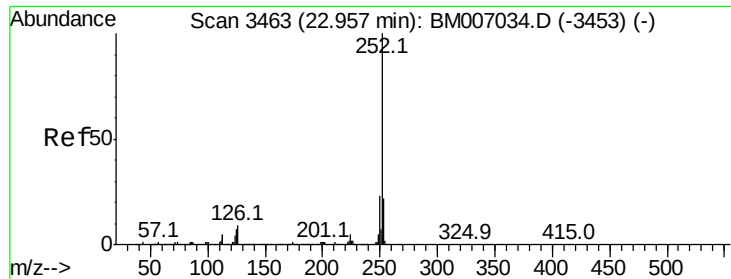
Delta R.T. 0.01 min

Lab File: BM007046.D

Acq: 12 Aug 2016 16:38

Tgt Ion:	228	Resp:	853829
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.2
229	22.4	15.5	23.3





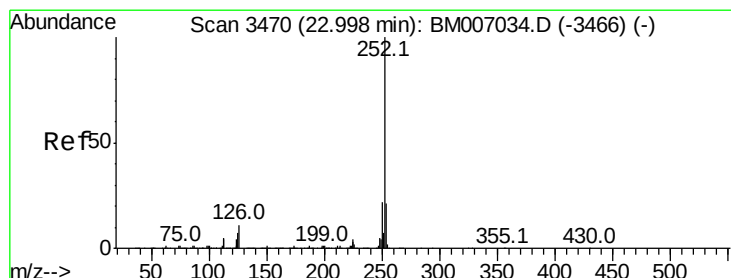
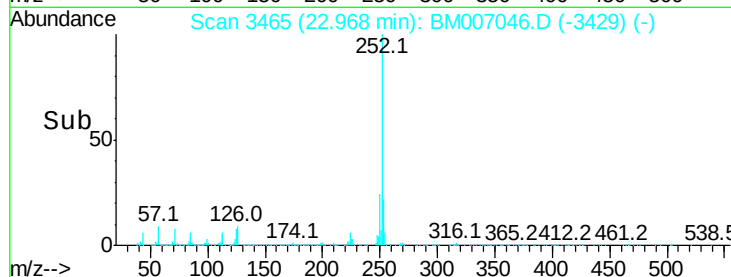
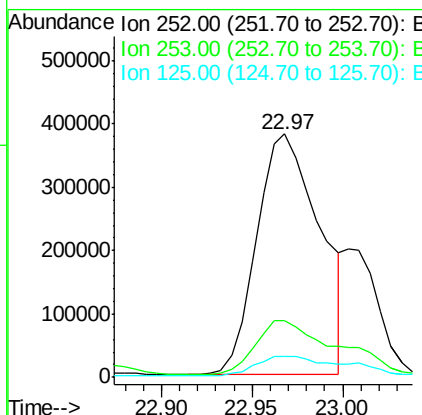
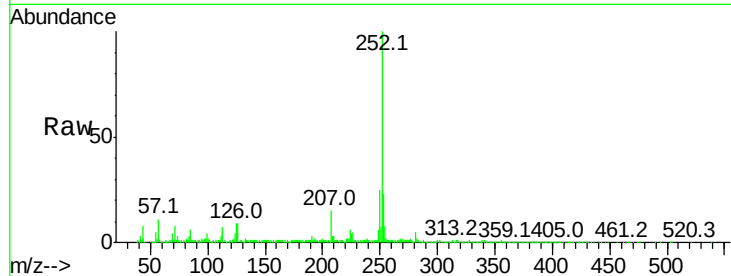
#85
Benzo(b)fluoranthene
Concen: 8.93 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM007046.D
Acq: 12 Aug 2016 16:38

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0206-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	8.7	5.8	8.8

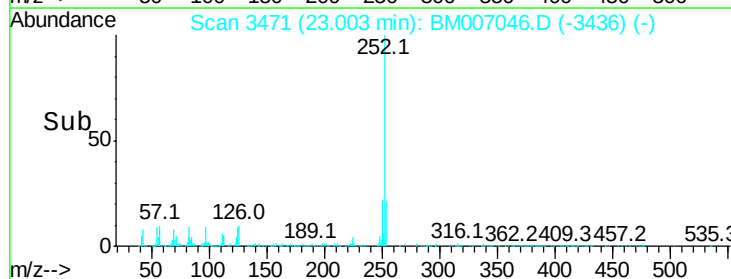
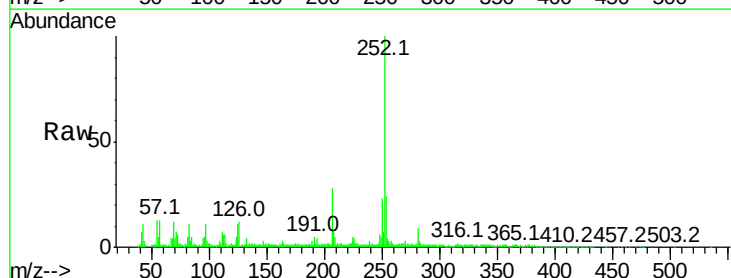
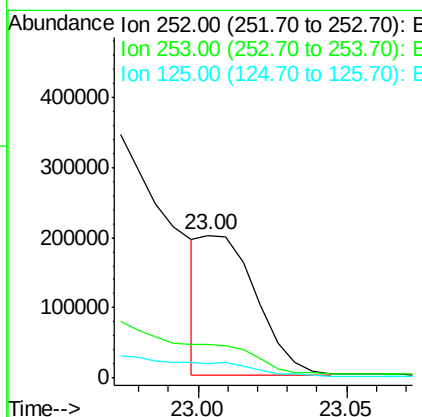
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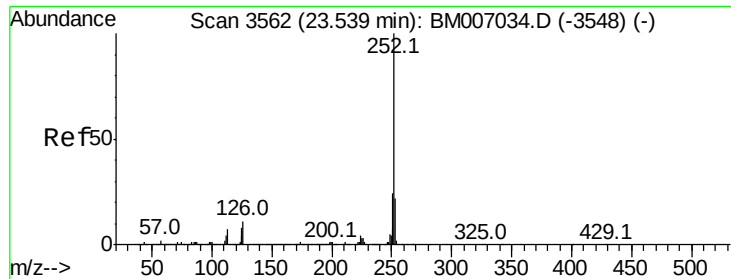
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#86
Benzo(k)fluoranthene
Concen: 2.65 ng/ul m
RT: 23.00 min Scan# 3471
Delta R.T. 0.01 min
Lab File: BM007046.D
Acq: 12 Aug 2016 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	10.6	5.7	8.5#





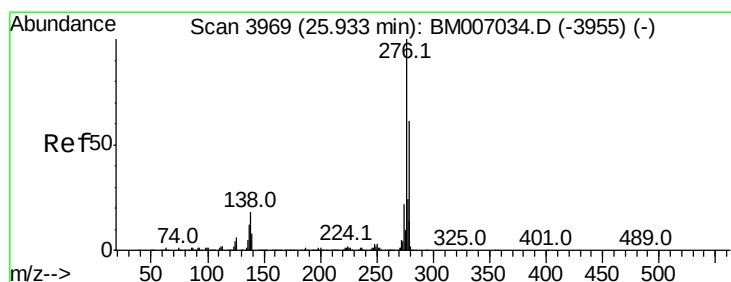
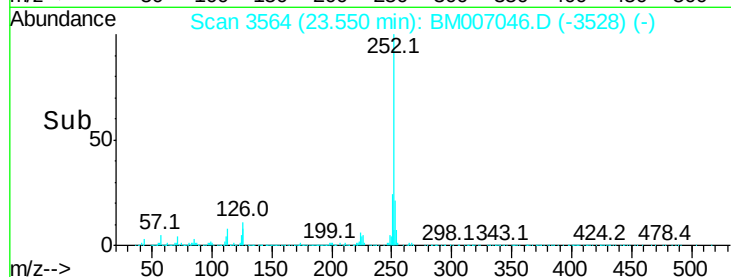
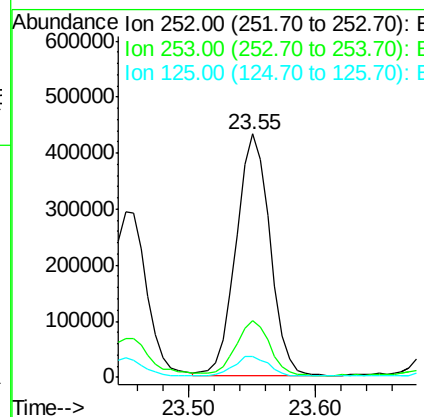
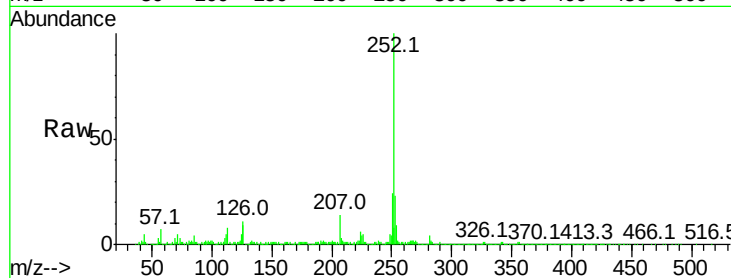
#88
Benzo(a)pyrene
Concen: 8.09 ng/ul
RT: 23.55 min Scan# 3564
Delta R.T. 0.01 min
Lab File: BM007046.D
Acq: 12 Aug 2016 16:38

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0206-01

Tot Ion	Ratio	Resp	Lower	Upper
252	100	792660		
253	23.1	17.7	26.5	
125	8.5	6.6	9.8	

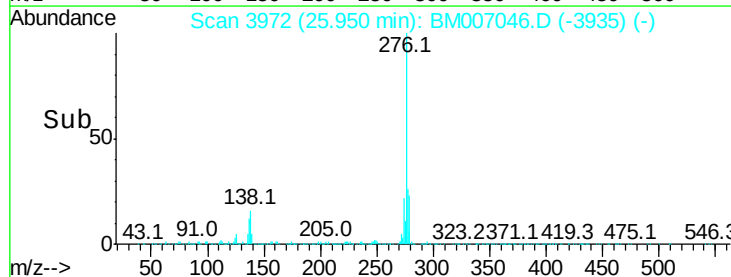
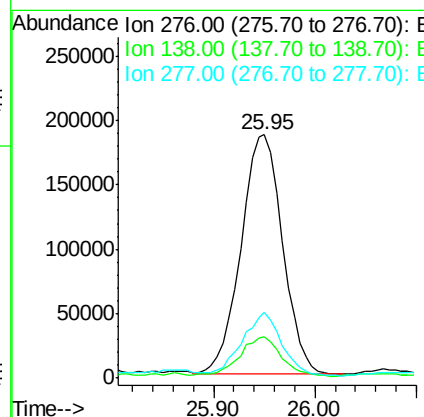
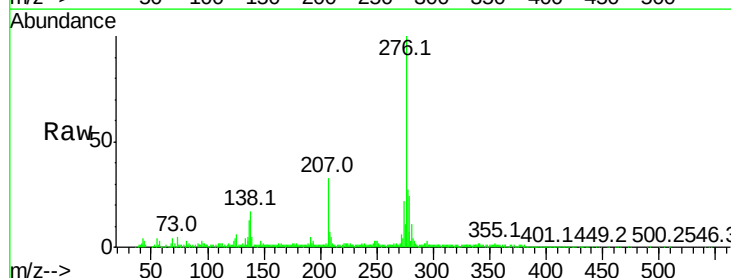
Manual Integrations
APPROVED

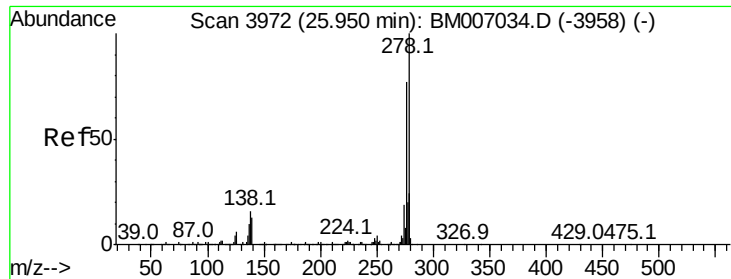
sohil
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#89
Indeno(1,2,3-cd)pyrene
Concen: 4.39 ng/ul
RT: 25.95 min Scan# 3972
Delta R.T. 0.02 min
Lab File: BM007046.D
Acq: 12 Aug 2016 16:38

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	527521		
138	16.8	13.9	20.9	
277	27.0	20.1	30.1	





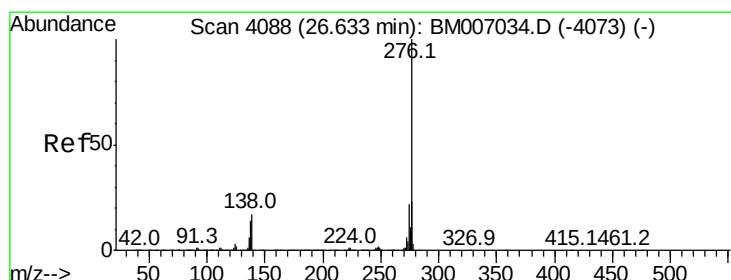
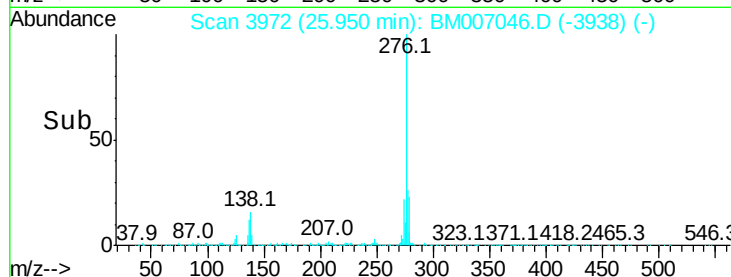
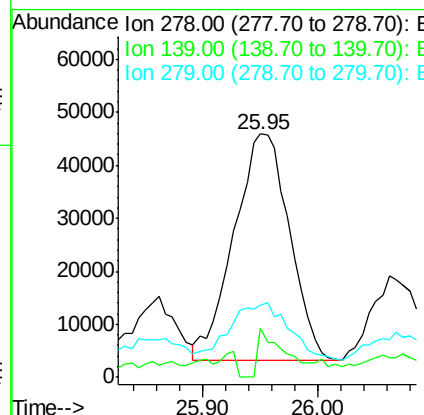
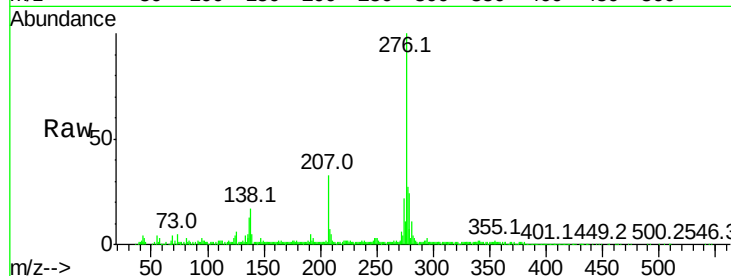
#90
Dibenzo(a,h)anthracene
Concen: 1.42 ng/ul
RT: 25.95 min Scan# 3972
Delta R.T. -0.00 min
Lab File: BM007046.D
Acq: 12 Aug 2016 16:38

Instrument :
BNA_M
ClientSampleId :
P003-SS002-0206-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.0	9.5	14.3#
279	29.8	19.1	28.7#

Manual Integrations
APPROVED

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#91
Benzo(g,h,i)perylene
Concen: 5.32 ng/ul
RT: 26.66 min Scan# 4092
Delta R.T. 0.02 min
Lab File: BM007046.D
Acq: 12 Aug 2016 16:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	13.5	20.3
277	25.7	19.3	28.9

