

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
 Data File : BM007037.D
 Acq On : 12 Aug 2016 11:09
 Operator : UM/SJ
 Sample : H4387-20 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS001-0206-01

Manual Integrations
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Quant Time: Aug 12 17:03:05 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 01:51:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	346009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1487313	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	827989	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1827912	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1964026	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2055127	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	12373	1.56	ng/uL	0.00
5) Phenol-d5	6.98	99	262194	9.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	162247	10.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	213981	9.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	189558	8.22	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	105580	9.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	104564	9.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	219589	9.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	189499	6.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	672765	9.83	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	838290	10.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	69699	5.68	ng/ul	0.00
57) Fluorene-d10	15.43	176	597074	9.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	38855	3.85	ng/ul	0.00
70) Anthracene-d10	17.28	188	886563	10.47	ng/ul	0.00
76) Pyrene-d10	19.57	212	952769	11.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	978852	10.41	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	13.90	163	600639	8.78	ng/ul	100
47) Acenaphthylene	14.16	152	101629	1.20	ng/ul	99
69) Phenanthrene	17.23	178	1113826	11.33	ng/ul	100
71) Anthracene	17.32	178	179986	1.78	ng/ul	99
72) Carbazole	17.59	167	94201	1.08	ng/ul	99
74) Fluoranthene	19.24	202	2363193	19.82	ng/ul	100
77) Pyrene	19.60	202	2256901	20.78	ng/ul	100
80) Benzo(a)anthracene	21.35	228	1054357	9.09	ng/ul	98
82) Chrysene	21.40	228	1153726	10.88	ng/ul	96
85) Benzo(b)fluoranthene	22.96	252	1532150	12.38	ng/ul	97
86) Benzo(k)fluoranthene	23.00	252	502586m	4.32	ng/ul	
88) Benzo(a)pyrene	23.54	252	1083558	9.23	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	811309	5.64	ng/ul	97
90) Dibenzo(a,h)anthracene	25.94	278	188292	1.56	ng/ul#	91
91) Benzo(g,h,i)perylene	26.64	276	737672	6.07	ng/ul	98

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

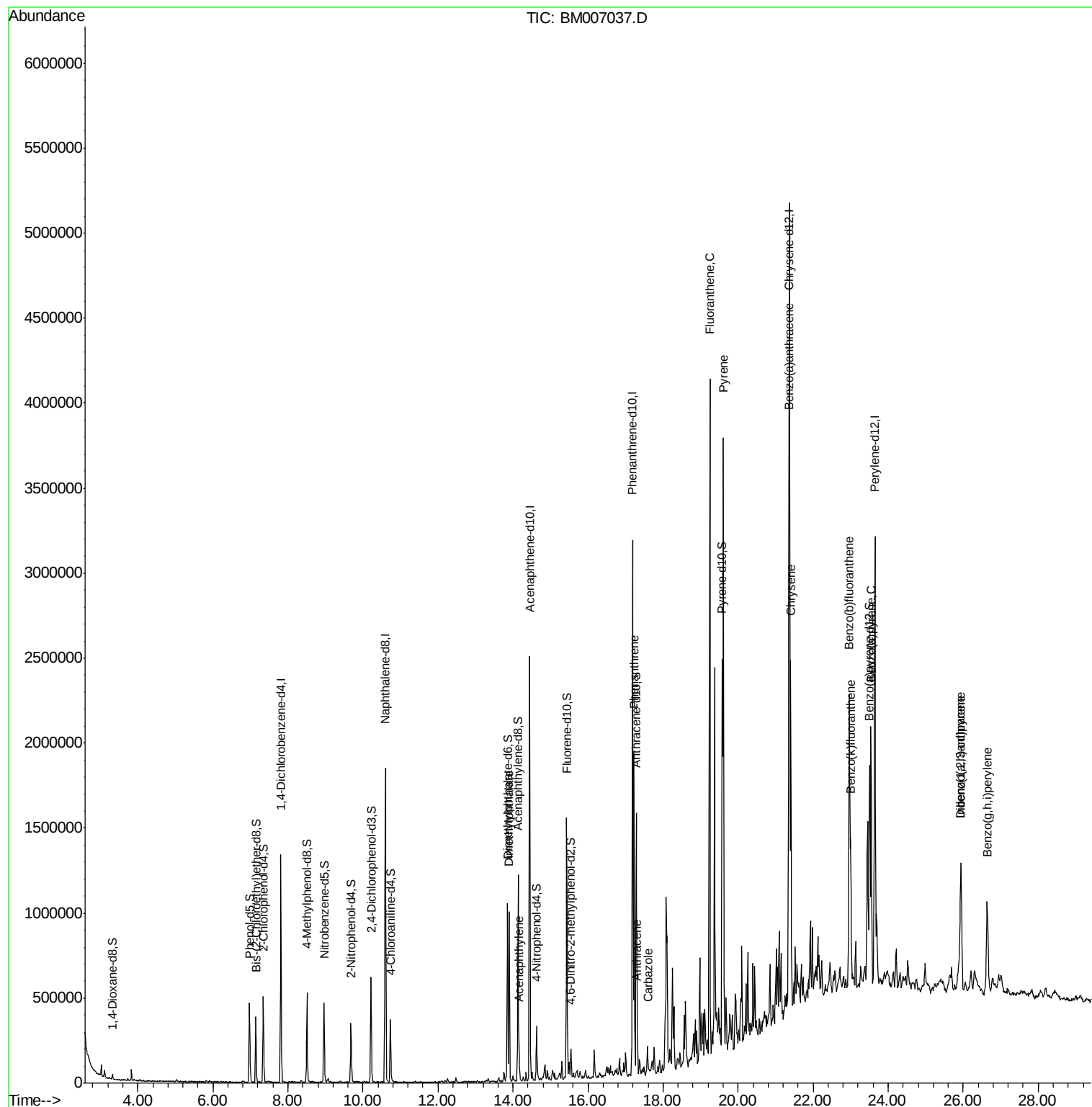
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081216\
Data File : BM007037.D
Acq On : 12 Aug 2016 11:09
Operator : UM/SJ
Sample : H4387-20 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

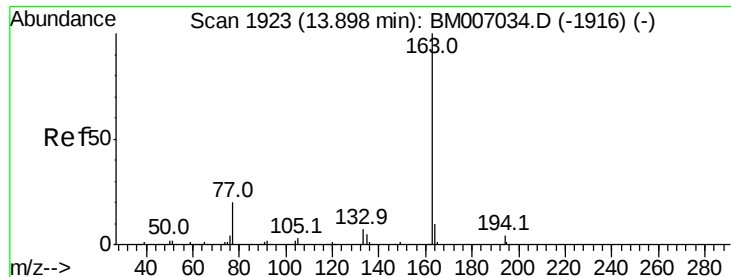
Instrument :
BNA_M
ClientSampleId :
PR002-SS001-0206-01

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Quant Time: Aug 12 17:03:05 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
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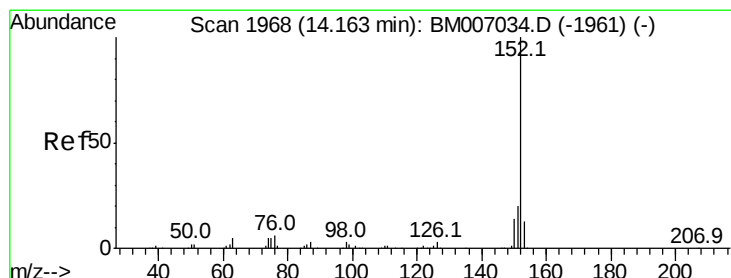
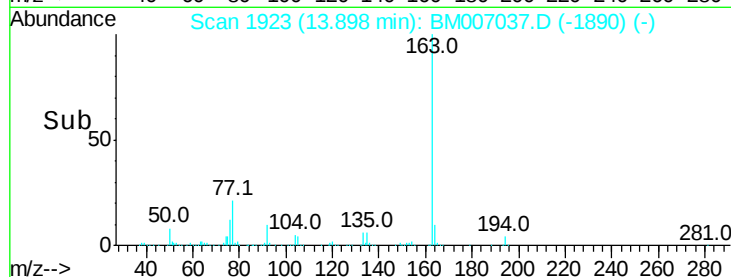
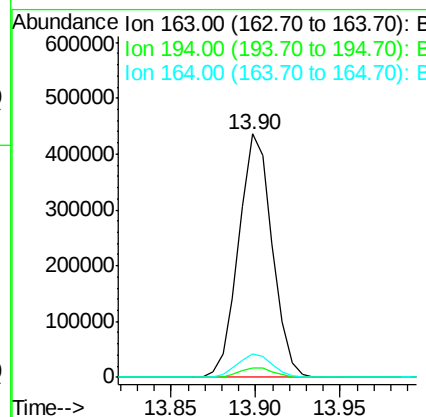
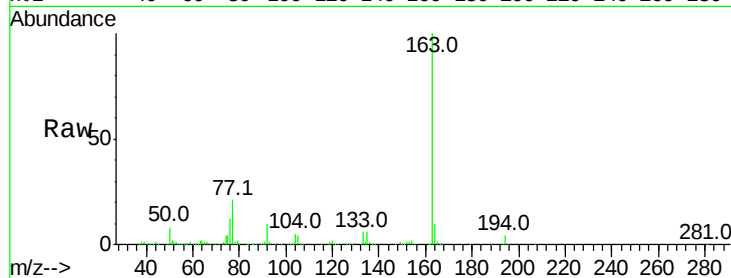
#44
Dimethylphthalate
Concen: 8.78 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007037.D
Acq: 12 Aug 2016 11:09

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-0206-01

Tot Ion	Ratio	Resp	Lower	Upper
163	100	600639		
194	4.0		3.4	5.2
164	9.7		7.8	11.8

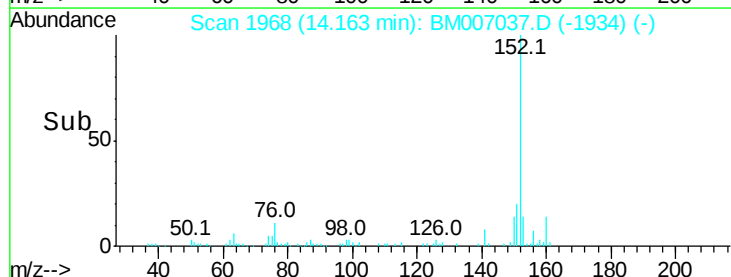
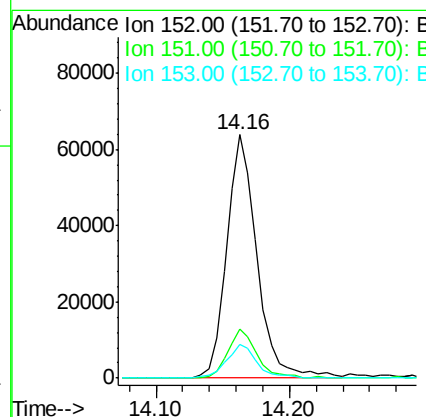
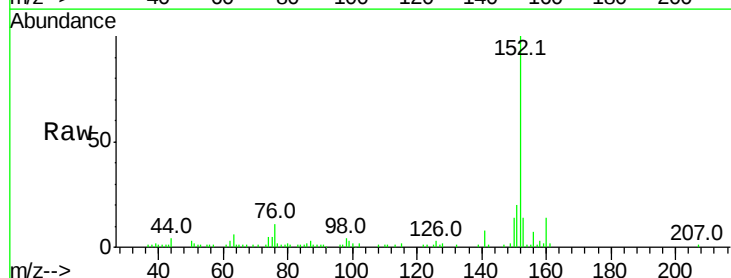
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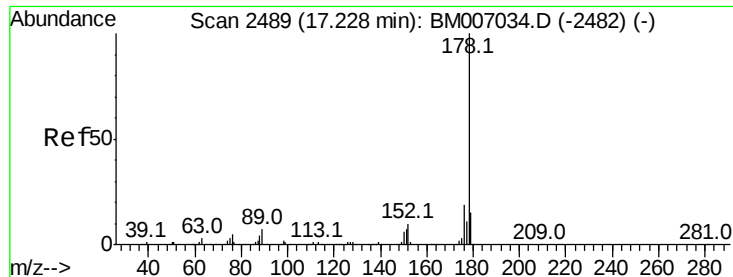
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#47
Acenaphthylene
Concen: 1.20 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BM007037.D
Acq: 12 Aug 2016 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	101629		
151	20.4		16.0	24.0
153	13.6		11.0	16.6





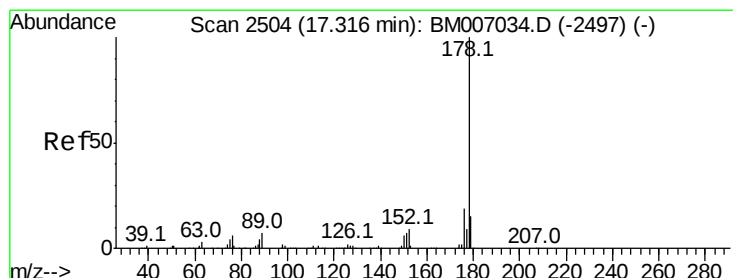
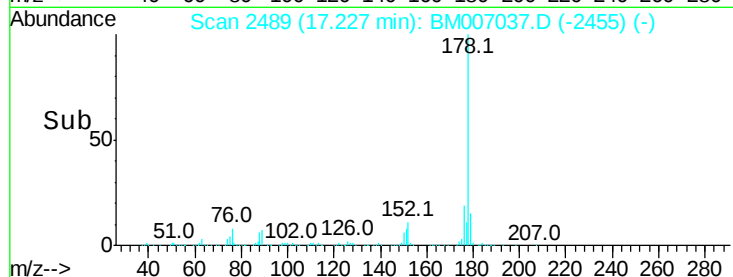
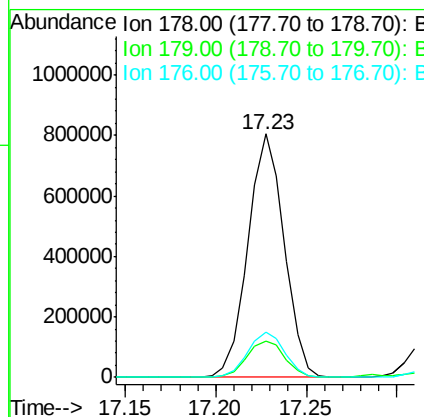
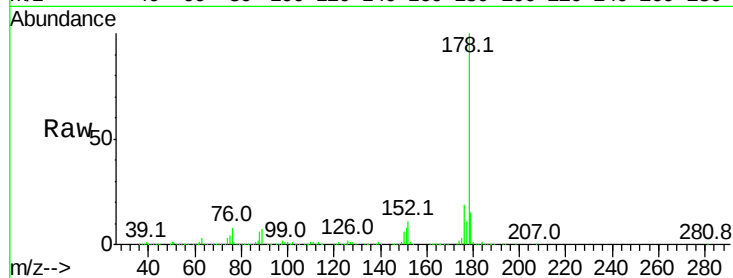
#69
Phenanthrene
Concen: 11.33 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. 0.00 min
Lab File: BM007037.D
Acq: 12 Aug 2016 11:09

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-0206-01

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.8	15.1	22.7

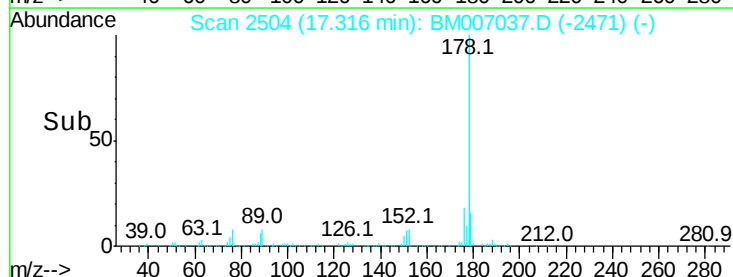
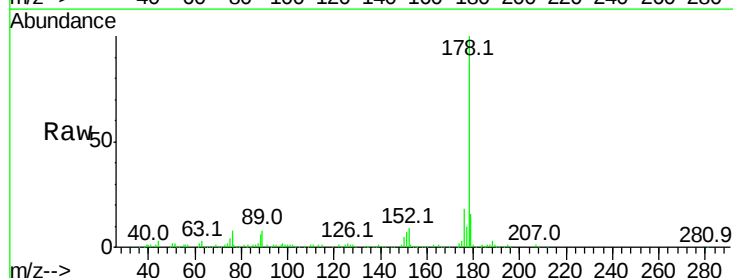
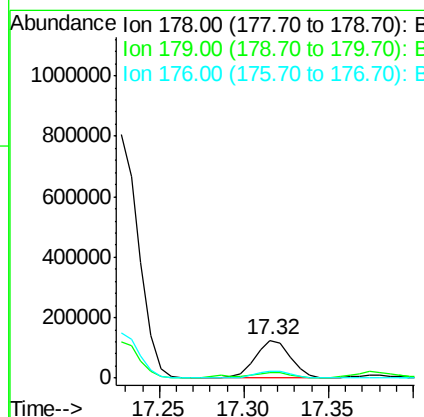
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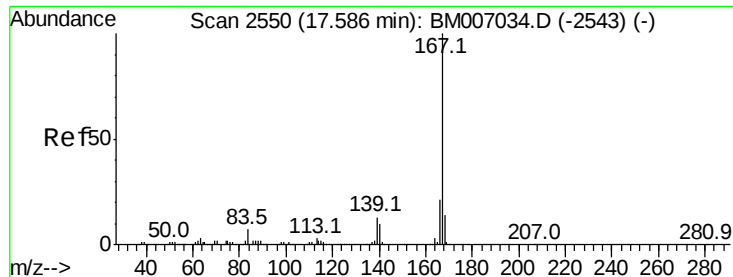
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#71
Anthracene
Concen: 1.78 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM007037.D
Acq: 12 Aug 2016 11:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	18.3	14.5	21.7





#72

Carbazole

Concen: 1.08 ng/ul

RT: 17.59 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BM007037.D

Acq: 12 Aug 2016 11:09

Instrument :

BNA_M

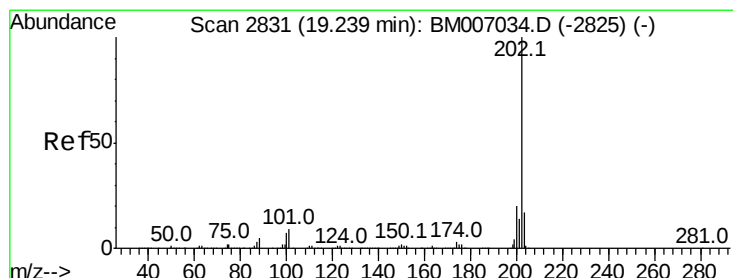
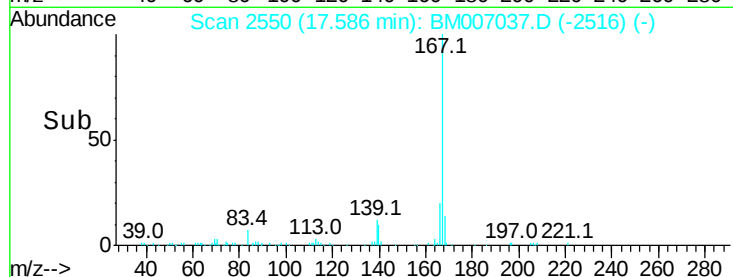
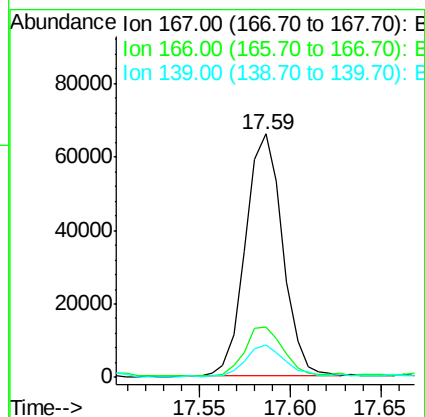
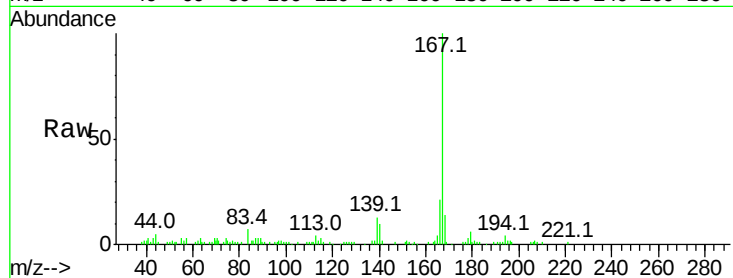
ClientSampleId :

PR002-SS001-0206-01

Tot Ion:	167	Resp:	94201
Ion Ratio	Lower	Upper	
167	100		
166	20.7	16.6	25.0
139	13.2	10.2	15.4

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#74

Fluoranthene

Concen: 19.82 ng/ul

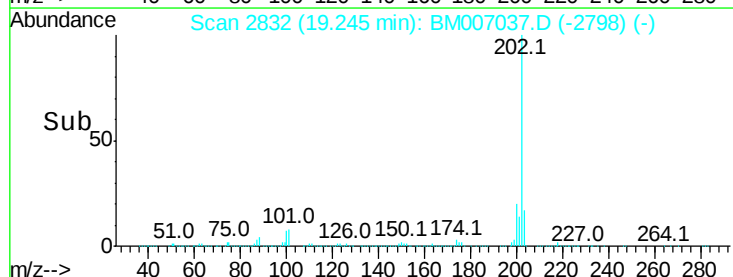
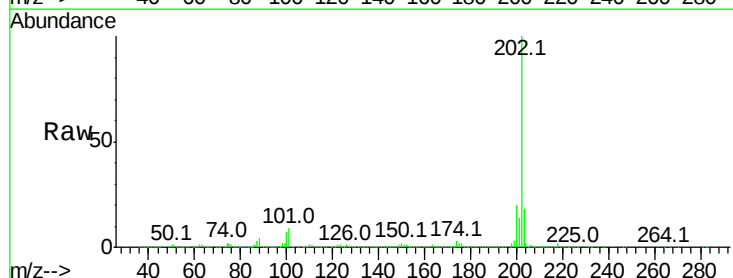
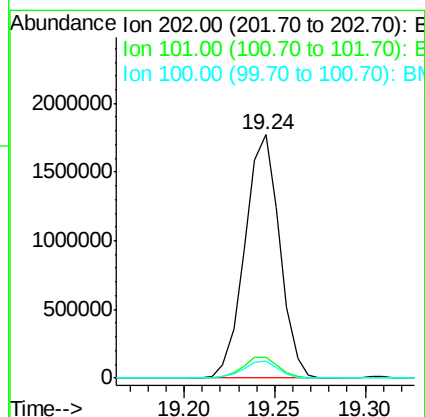
RT: 19.24 min Scan# 2832

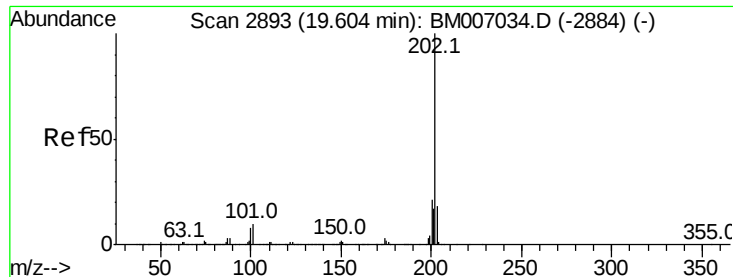
Delta R.T. 0.00 min

Lab File: BM007037.D

Acq: 12 Aug 2016 11:09

Tgt Ion:	202	Resp:	2363193
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.9	10.3
100	6.8	5.4	8.0





#77

Pvrene

Concen: 20.78 ng/ul

RT: 19.60 min Scan# 2893

Delta R.T. 0.00 min

Lab File: BM007037.D

Acq: 12 Aug 2016 11:09

Instrument :

BNA_M

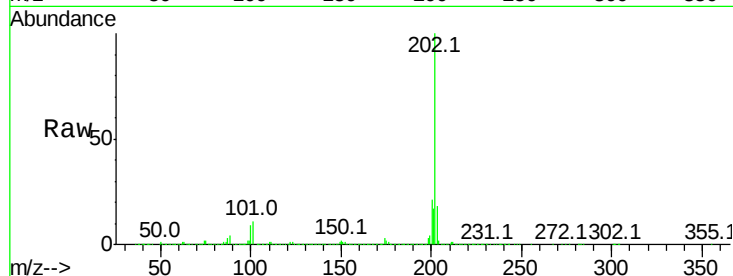
ClientSampleId :

PR002-SS001-0206-01

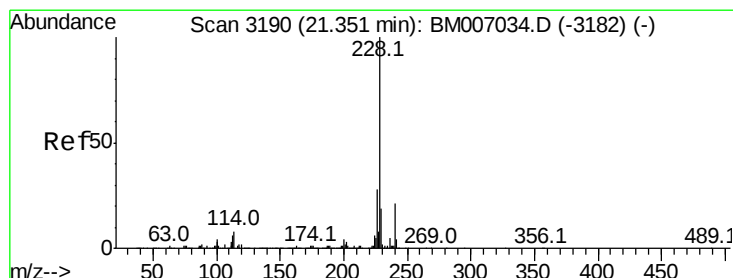
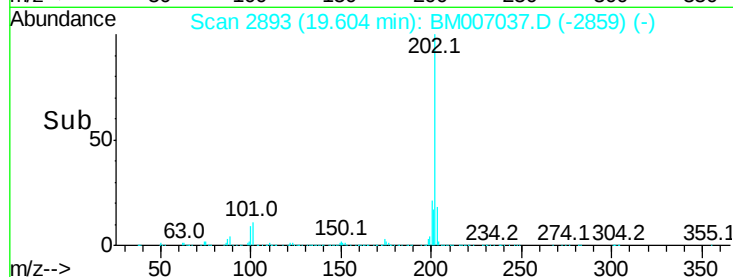
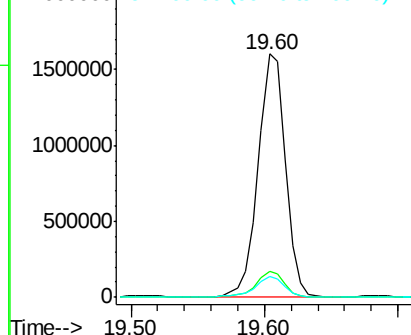
Tot Ion:	202	Resp:	2256901
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.4	12.6
100	8.5	6.9	10.3

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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): E



#80

Benzo(a)anthracene

Concen: 9.09 ng/ul

RT: 21.35 min Scan# 3190

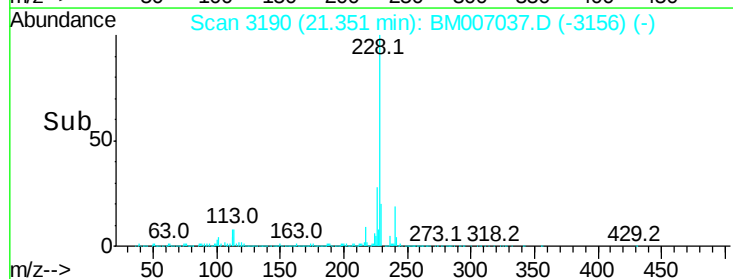
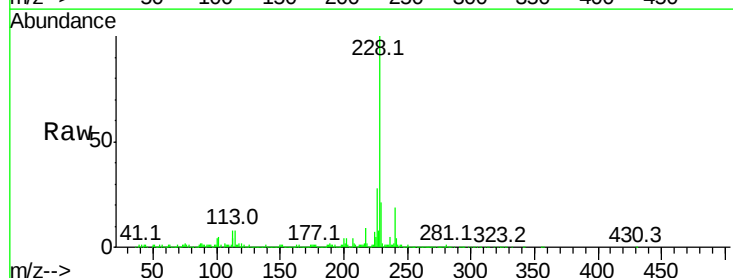
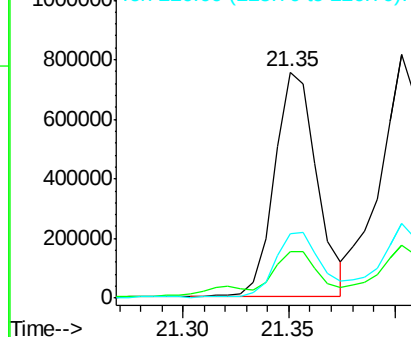
Delta R.T. 0.00 min

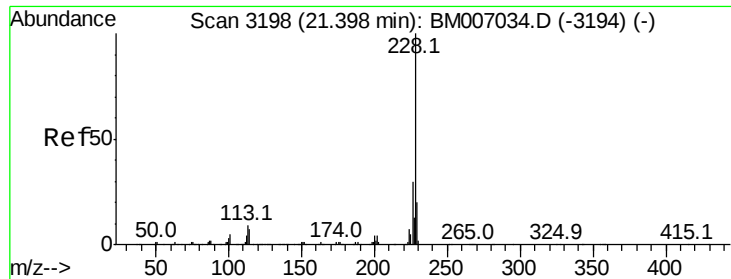
Lab File: BM007037.D

Acq: 12 Aug 2016 11:09

Tgt Ion:	228	Resp:	1054357
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.6	23.4
226	28.4	21.8	32.8

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





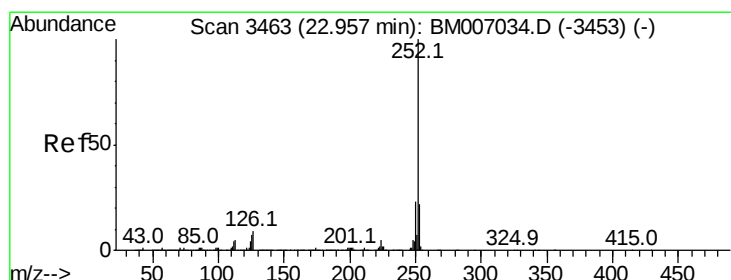
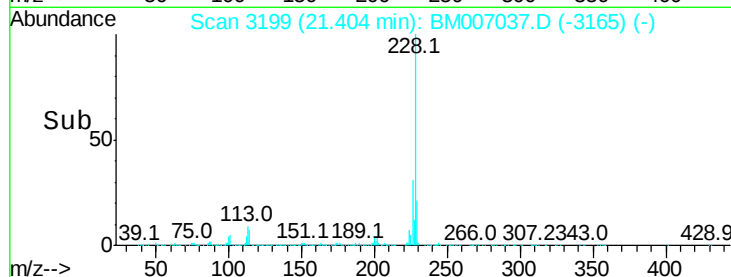
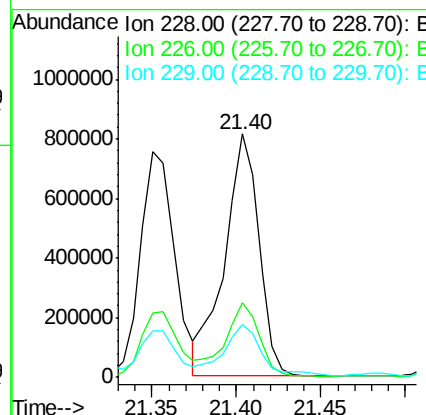
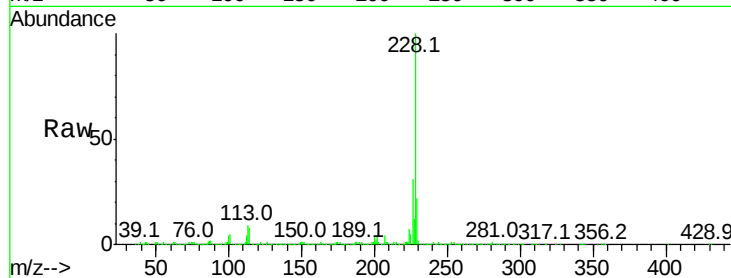
#82
Chrysene
Concen: 10.88 ng/ul
RT: 21.40 min Scan# 3199
Delta R.T. 0.00 min
Lab File: BM007037.D
Acq: 12 Aug 2016 11:09

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-0206-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	21.5	15.5	23.3

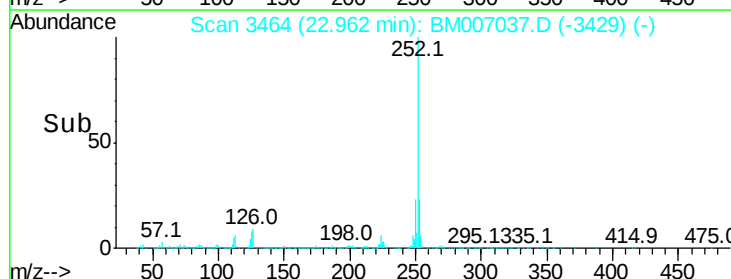
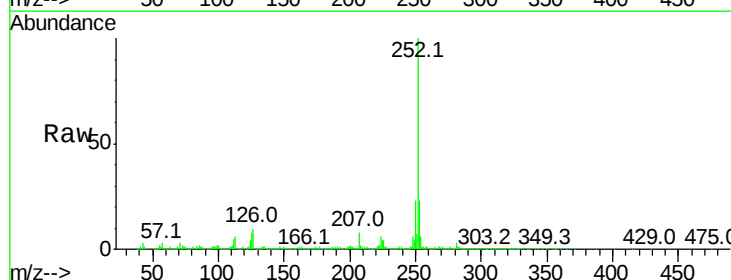
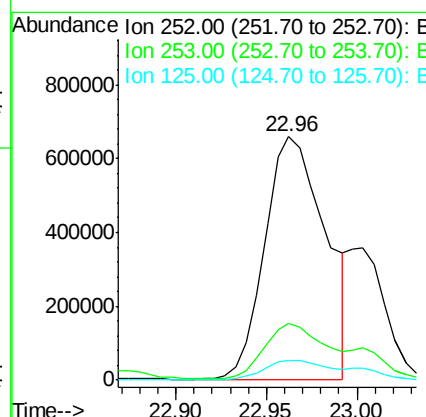
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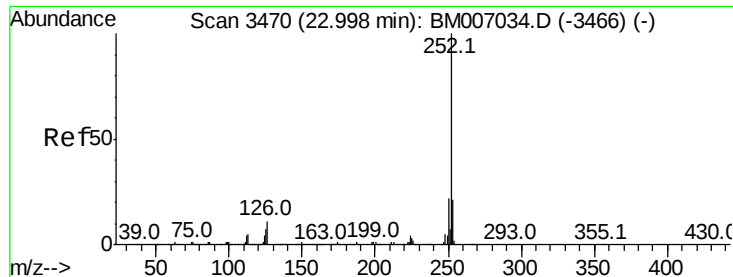
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#85
Benzo(b)fluoranthene
Concen: 12.38 ng/ul
RT: 22.96 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM007037.D
Acq: 12 Aug 2016 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	7.9	5.8	8.8





#86

Benzo(k)fluoranthene

Concen: 4.32 ng/ul m

RT: 23.00 min Scan# 3471

Delta R.T. 0.00 min

Lab File: BM007037.D

Acq: 12 Aug 2016 11:09

Instrument :

BNA_M

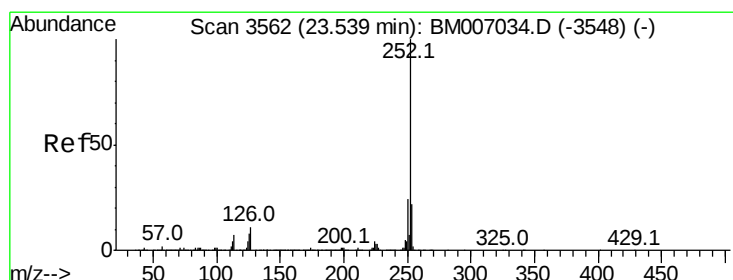
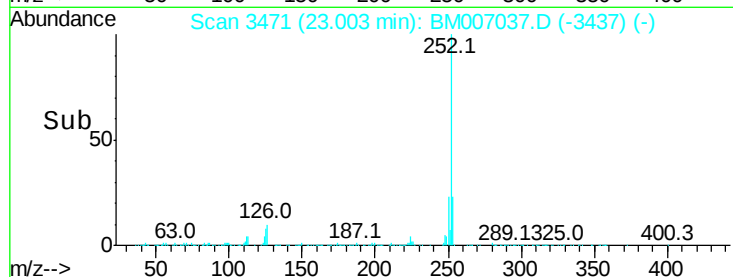
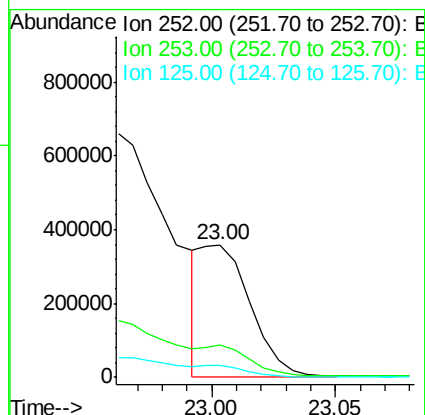
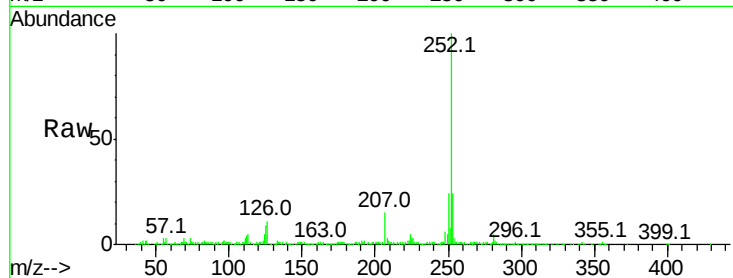
ClientSampleId :

PR002-SS001-0206-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	8.6	5.7	8.5#

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#88

Benzo(a)pyrene

Concen: 9.23 ng/ul

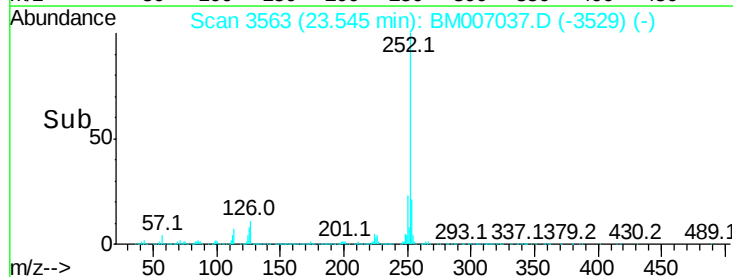
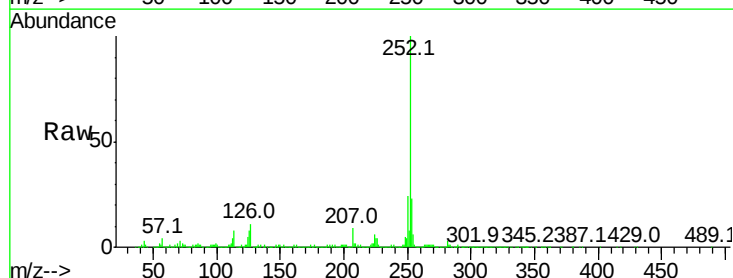
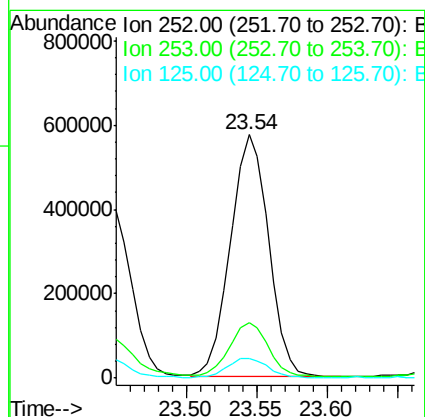
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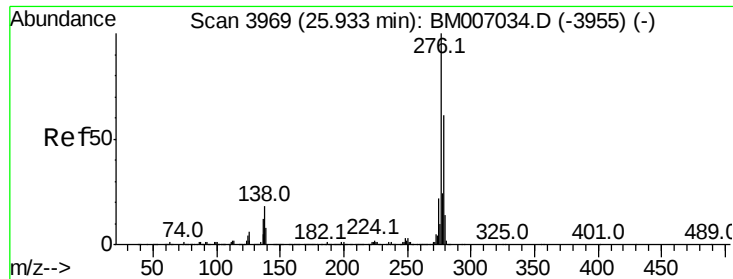
Delta R.T. 0.00 min

Lab File: BM007037.D

Acq: 12 Aug 2016 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	8.1	6.6	9.8





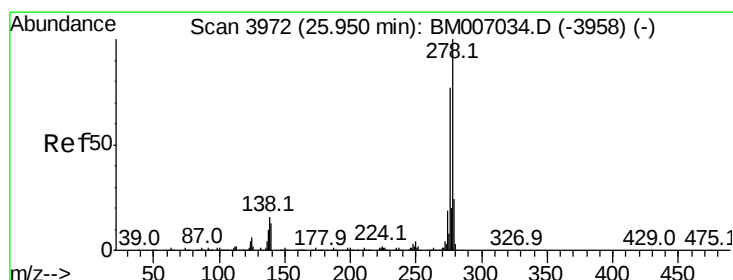
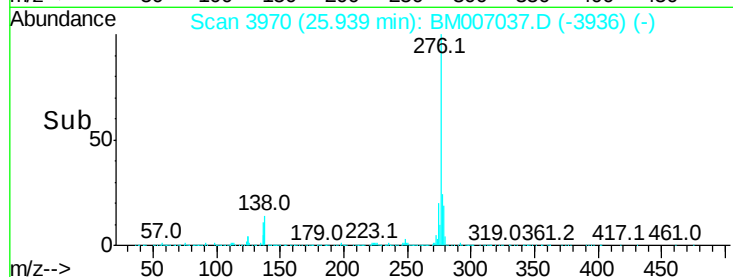
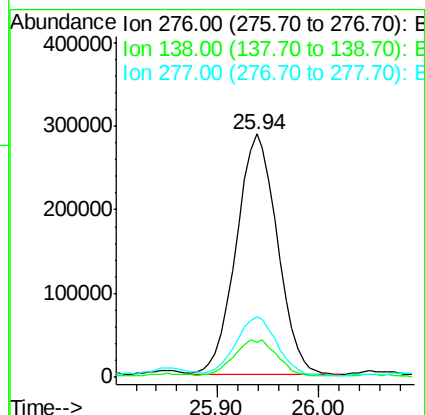
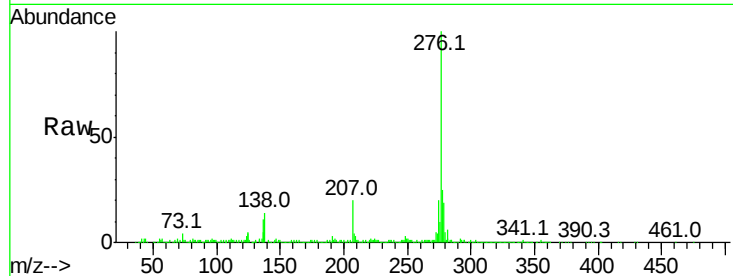
#89
Indeno(1,2,3-cd)pyrene
Concen: 5.64 ng/ul
RT: 25.94 min Scan# 3970
Delta R.T. 0.00 min
Lab File: BM007037.D
Acq: 12 Aug 2016 11:09

Instrument :
BNA_M
ClientSampleId :
PR002-SS001-0206-01

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.2	13.9	20.9
277	24.8	20.1	30.1

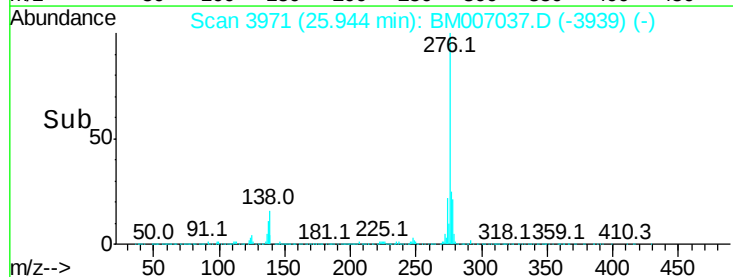
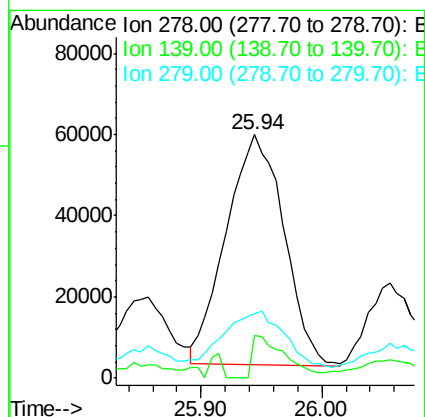
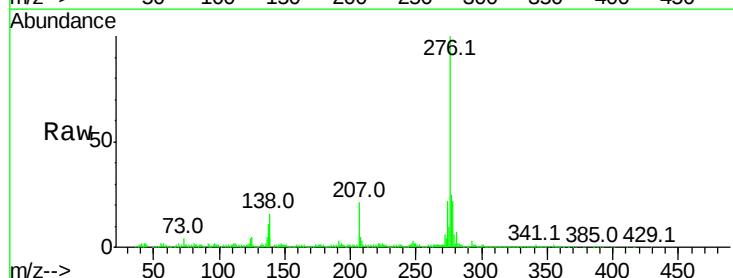
Manual Integrations
APPROVED

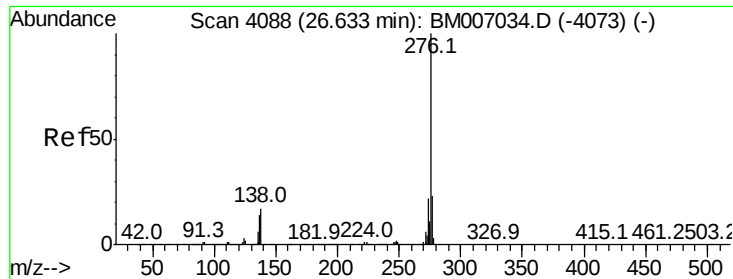
sohil
8/15/2016 6:51:43 PM



#90
Dibenzo(a,h)anthracene
Concen: 1.56 ng/ul
RT: 25.94 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM007037.D
Acq: 12 Aug 2016 11:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	9.5	14.3#
279	26.7	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 6.07 ng/ul
 RT: 26.64 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: BM007037.D
 Acq: 12 Aug 2016 11:09

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS001-0206-01

Tot Ion:	276	Resp:	737672
Ion Ratio	Lower	Upper	
276	100		
138	15.8	13.5	20.3
277	25.0	19.3	28.9

Manual Integrations
 APPROVED

sohil
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