

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
 Data File : BM010743.D
 Acq On : 24 Jun 2017 23:04
 Operator : SJ/JU
 Sample : I3653-02MEDL 25X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B19MEDL

Manual Integrations
 APPROVED

mohammad
 6/28/2017 7:44:59 AM

Quant Time: Jun 30 16:53:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 26 04:54:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	52348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	228314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	161194	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	413441	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	463918	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	367874	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	3652	0.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	1973	0.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	2698	0.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	2944	0.71	ng/ul	-0.01
19) Nitrobenzene-d5	8.60	128	804	0.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	1255	0.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	3494	0.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	4261	1.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	14106	1.00	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	14523	0.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1300	0.52	ng/ul	0.00
57) Fluorene-d10	15.11	176	13104	1.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1374	0.54	ng/ul	0.00
70) Anthracene-d10	16.96	188	18906m	0.95	ng/ul	0.00
76) Pyrene-d10	19.27	212	23647	1.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	16673	0.94	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.27	128	331102	29.14	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	61730	6.76	ng/ul	99
40) 1,1'-Biphenyl	12.93	154	19039	1.51	ng/ul	92
49) Acenaphthene	14.17	153	62521	5.91	ng/ul	93
53) Dibenzofuran	14.51	168	75742	4.73	ng/ul	90
58) Fluorene	15.16	166	80677	6.02	ng/ul	95
69) Phenanthrene	16.90	178	355697	16.18	ng/ul	99
71) Anthracene	17.00	178	61164	2.70	ng/ul	95
72) Carbazole	17.27	167	41780	2.11	ng/ul#	96
74) Fluoranthene	18.93	202	231712	8.18	ng/ul#	97
77) Pyrene	19.30	202	153987	5.75	ng/ul#	97
80) Benzo(a)anthracene	21.06	228	47225	1.75	ng/ul#	96
82) Chrysene	21.11	228	35790	1.49	ng/ul#	92

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

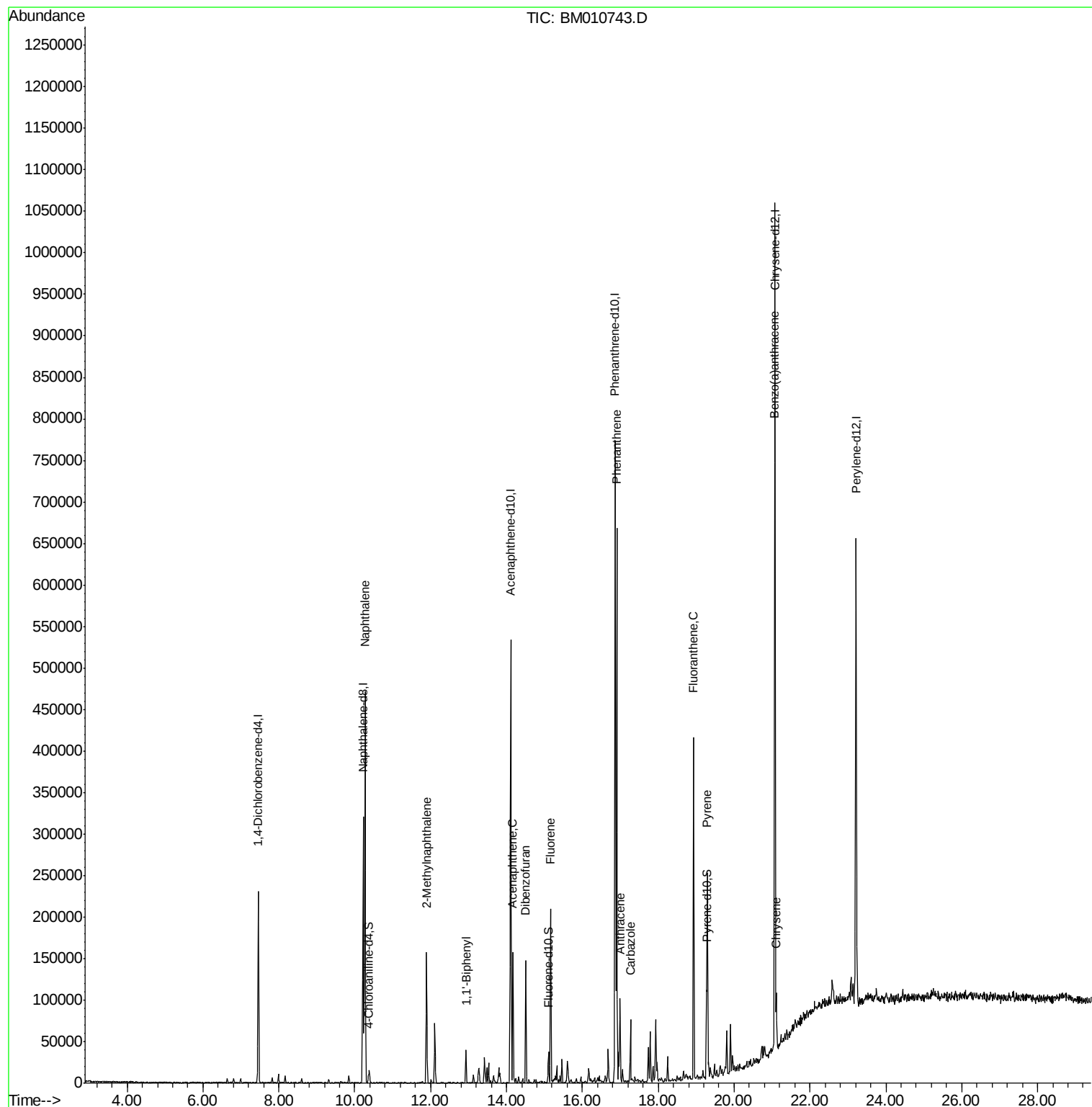
Data Path : Z:\HPCHEM1\BNA M\DATA\BM062317\
Data File : BM010743.D
Acq On : 24 Jun 2017 23:04
Operator : SJ/JU
Sample : I3653-02MEDL 25X
Misc :
ALS Vial : 58 Sample Multiplier: 1

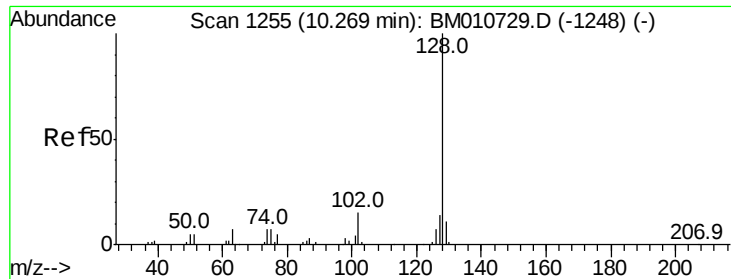
Instrument :
BNA_M
ClientSampleId :
F5B19MEDL

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Quant Time: Jun 30 16:53:27 2017
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Quant Title : SVOA CALIBRATION
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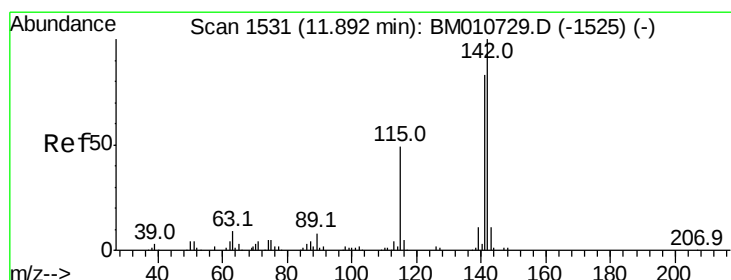
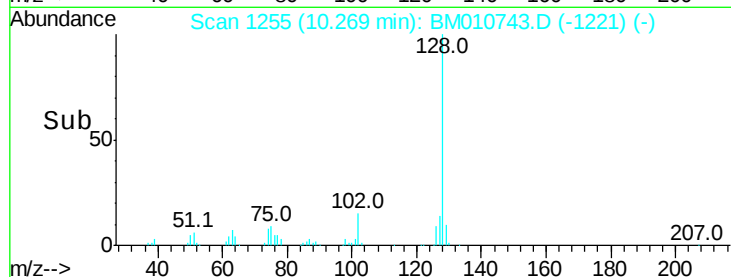
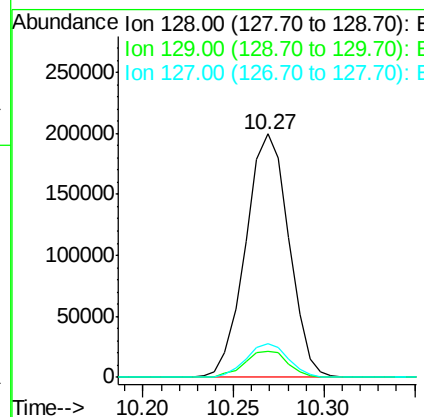
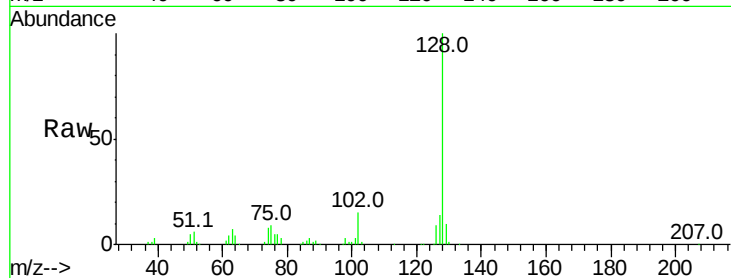
#28
Naphthalene
Concen: 29.14 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM010743.D
Acq: 24 Jun 2017 23:04

Instrument :
BNA_M
ClientSampleId :
F5B19MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	14.0	10.6	16.0

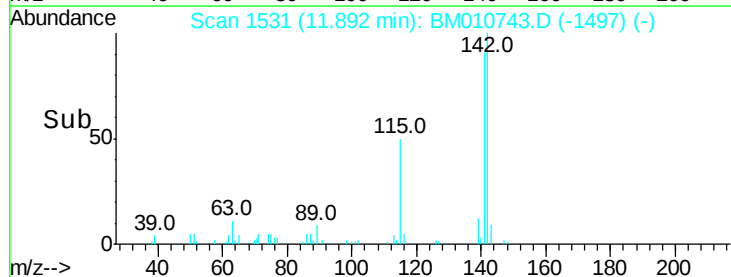
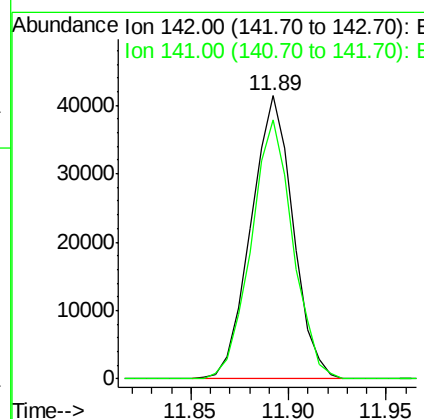
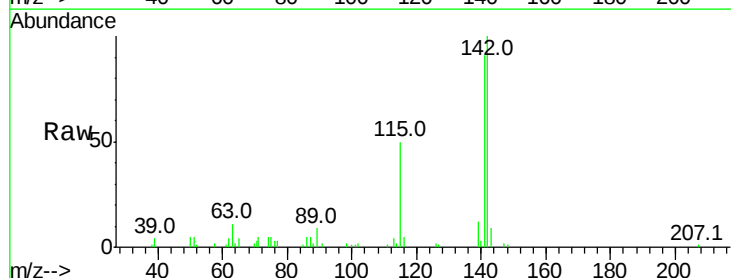
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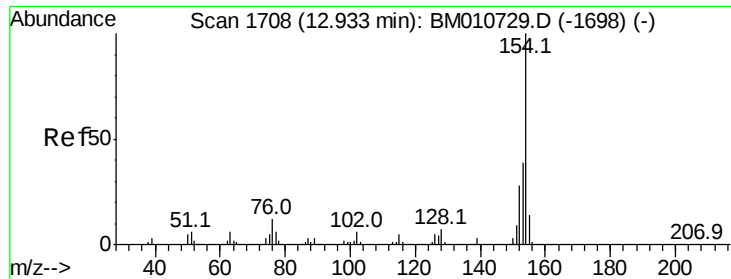
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#34
2-Methylnaphthalene
Concen: 6.76 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BM010743.D
Acq: 24 Jun 2017 23:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.1	111.1





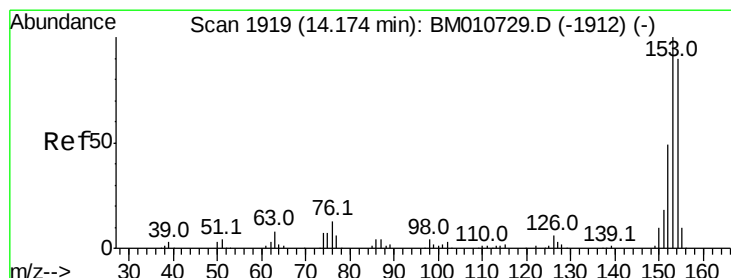
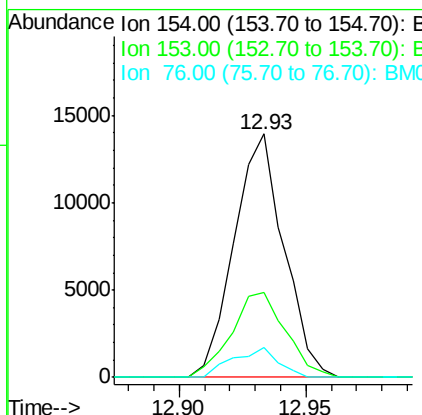
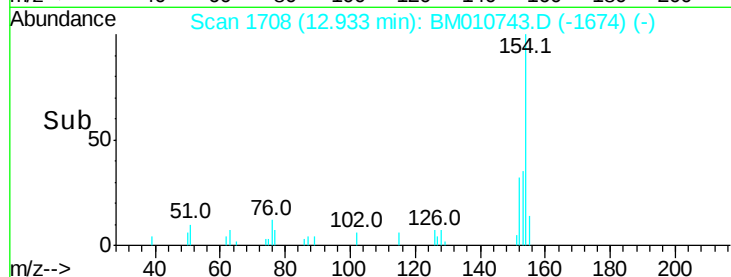
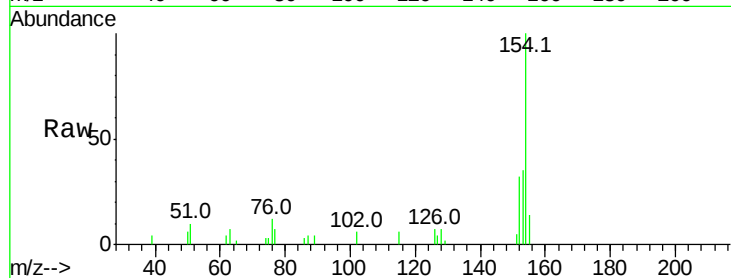
#40
1,1'-Biphenyl
Concen: 1.51 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BM010743.D
Acq: 24 Jun 2017 23:04

Instrument :
BNA_M
ClientSampleId :
F5B19MEDL

Tot Ion:	154	Resp:	19039
Ion Ratio	Lower	Upper	
154	100		
153	34.6	32.6	48.8
76	12.0	8.5	12.7

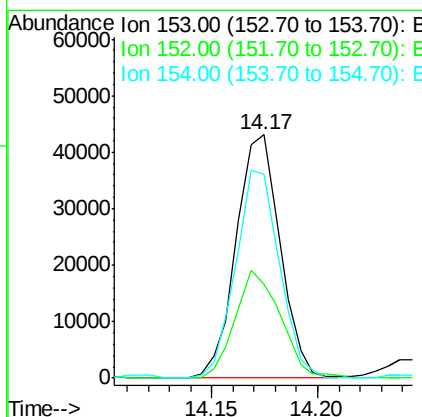
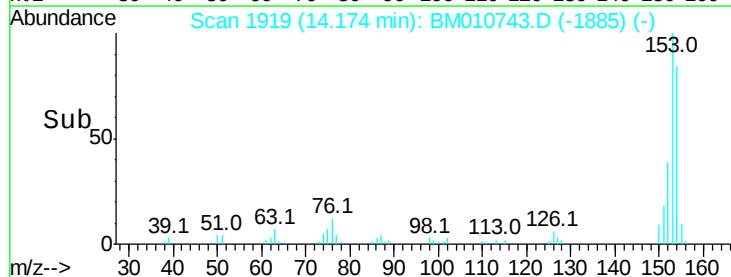
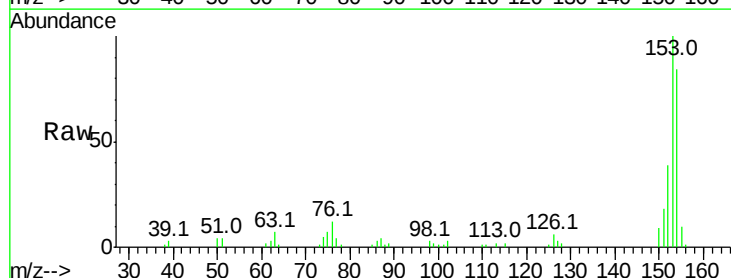
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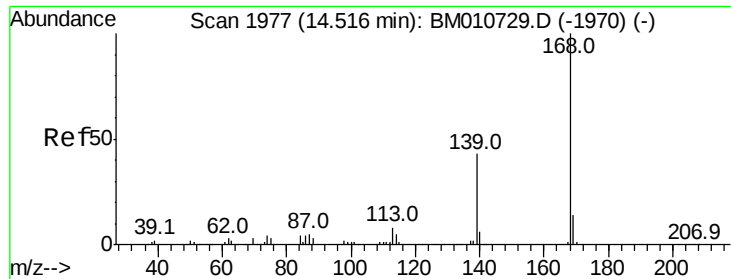
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#49
Acenaphthene
Concen: 5.91 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM010743.D
Acq: 24 Jun 2017 23:04

Tgt Ion:	153	Resp:	62521
Ion Ratio	Lower	Upper	
153	100		
152	38.7	37.6	56.4
154	83.8	70.4	105.6





#53

Dibenzenofuran

Concen: 4.73 ng/ul

RT: 14.51 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

Instrument :

BNA_M

ClientSampleId :

F5B19MEDL

Tot Ion:168 Resp: 75742

Ion Ratio Lower Upper

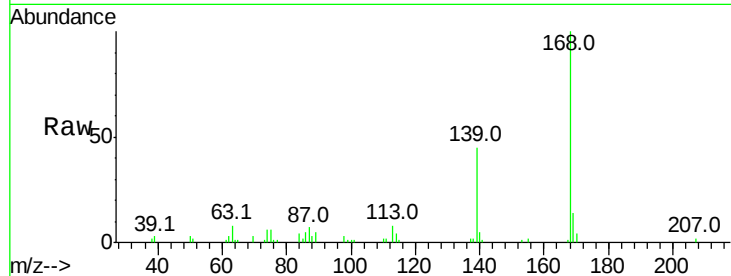
168 100

139 44.8 30.8 46.2

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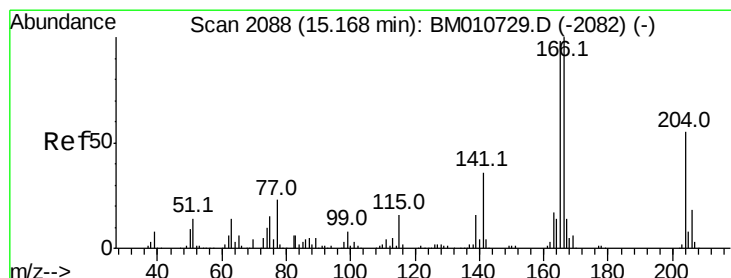
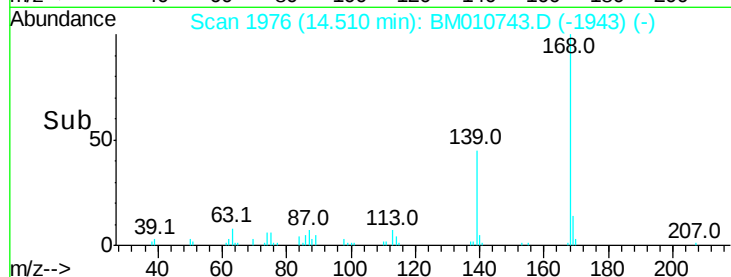
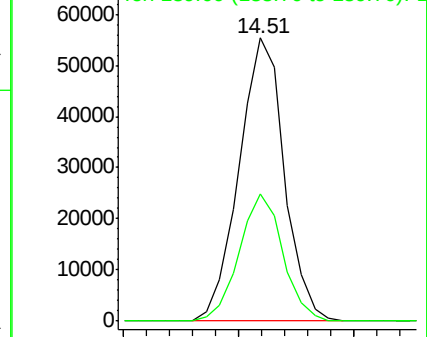
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 6.02 ng/ul

RT: 15.16 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

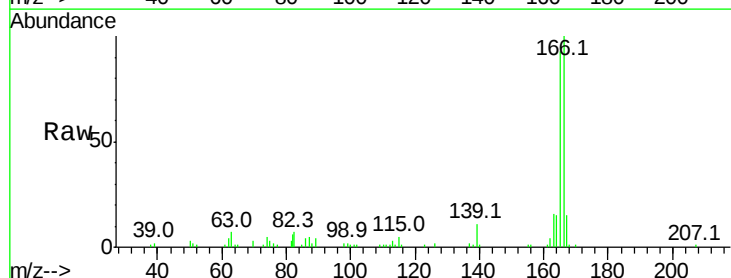
Tgt Ion:166 Resp: 80677

Ion Ratio Lower Upper

166 100

165 92.7 77.9 116.9

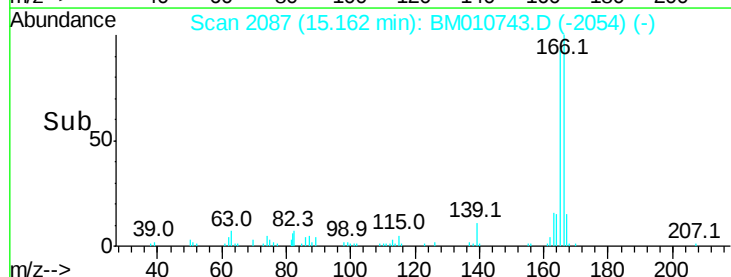
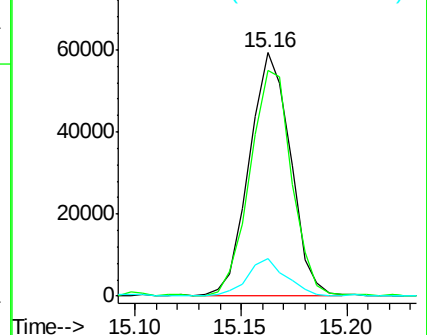
167 15.4 10.6 16.0

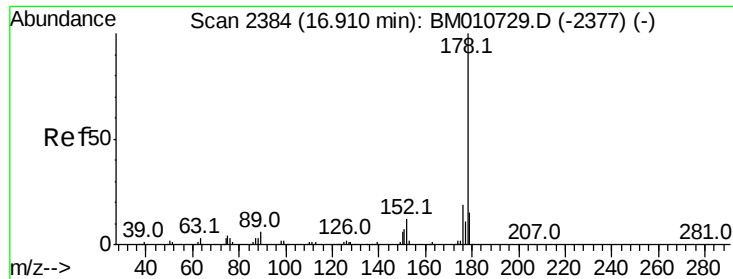


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





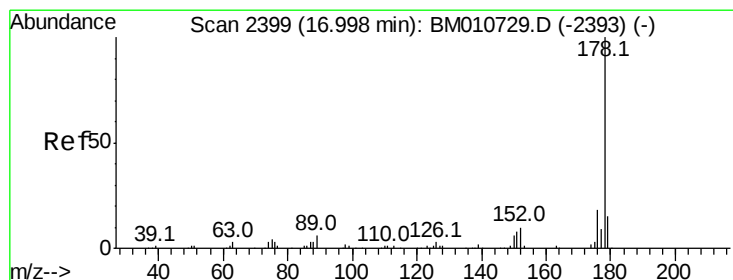
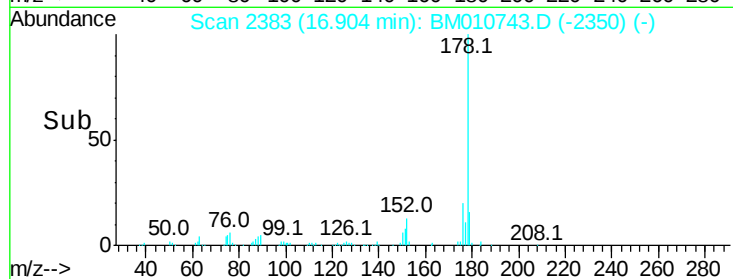
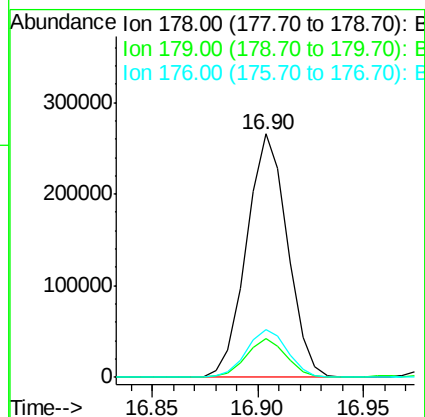
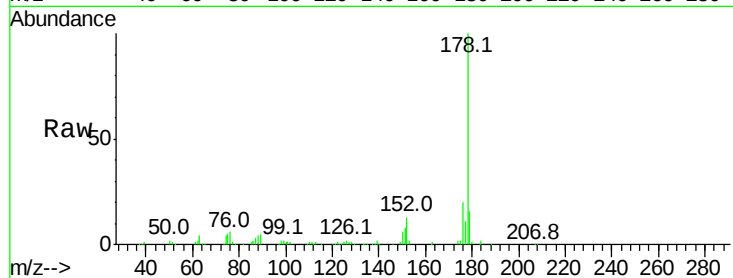
#69
Phenanthrene
Concen: 16.18 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM010743.D
Acq: 24 Jun 2017 23:04

Instrument :
BNA_M
ClientSampleId :
F5B19MEDL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	19.5	14.9	22.3

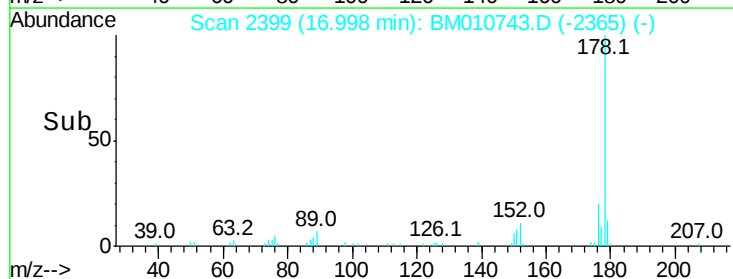
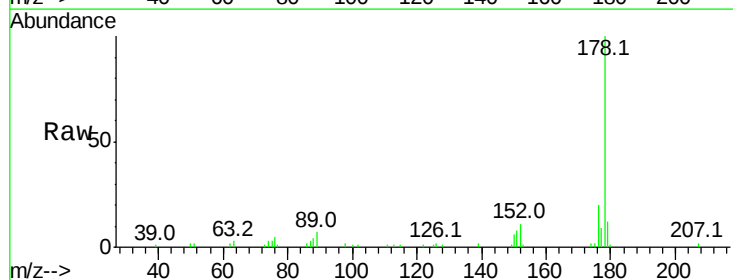
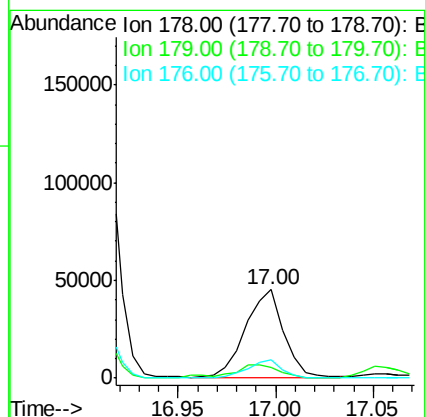
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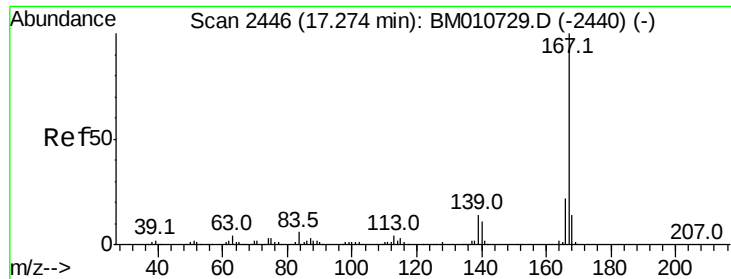
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#71
Anthracene
Concen: 2.70 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM010743.D
Acq: 24 Jun 2017 23:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	12.3	11.7	17.5
176	20.1	14.6	21.8





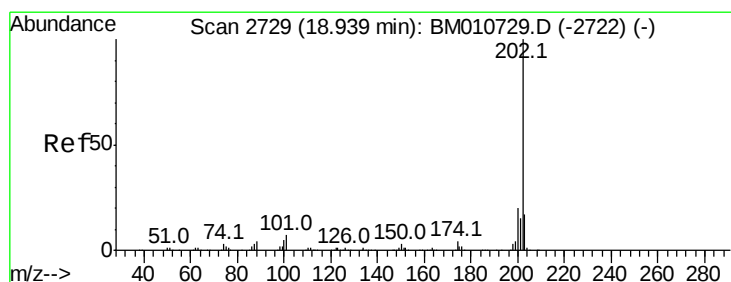
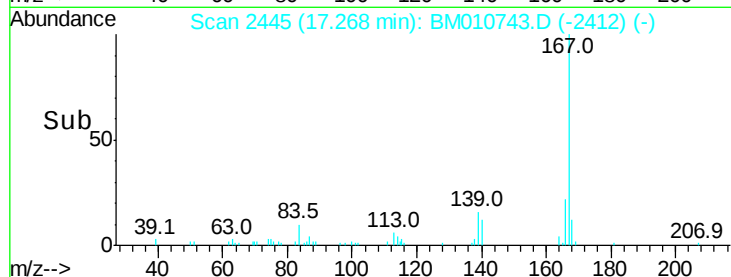
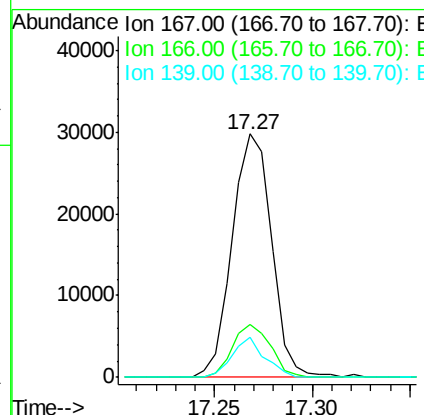
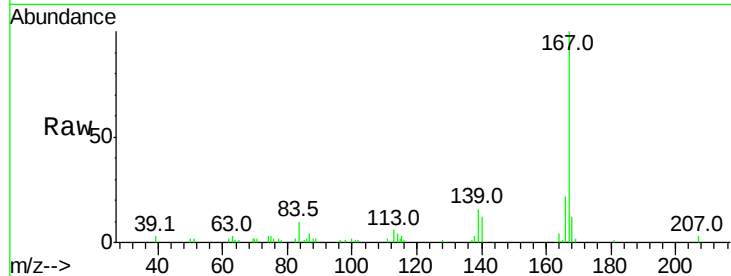
#72
 Carbazole
 Concen: 2.11 ng/ul
 RT: 17.27 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BM010743.D
 Acq: 24 Jun 2017 23:04

Instrument :
 BNA_M
 ClientSampleId :
 F5B19MEDL

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	21.6	17.1	25.7
139	16.3	10.0	15.0#

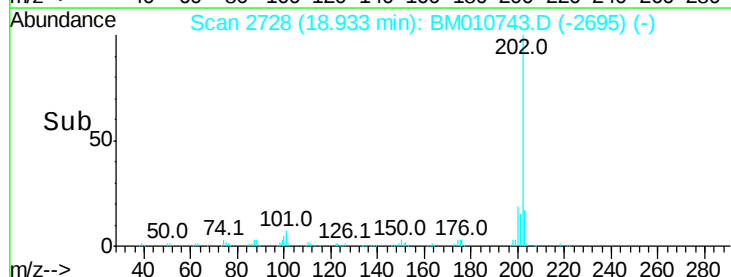
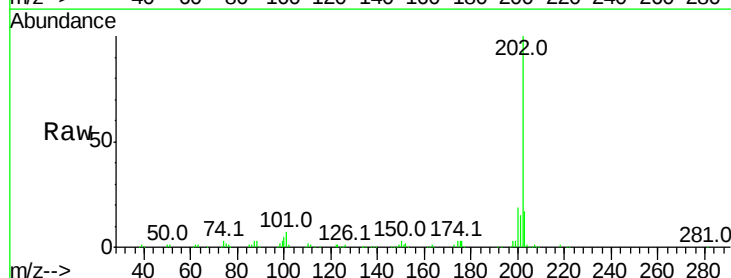
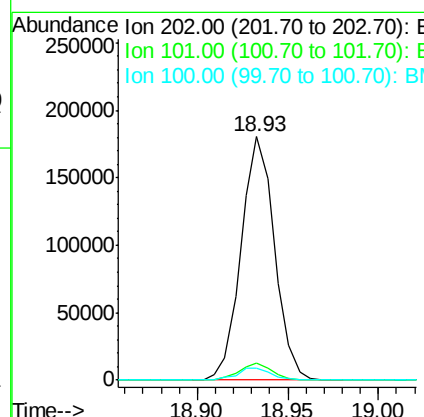
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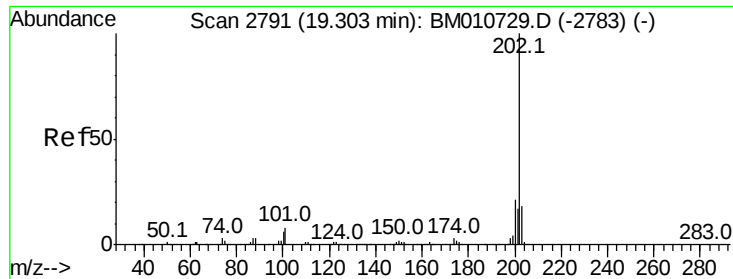
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#74
 Fluoranthene
 Concen: 8.18 ng/ul
 RT: 18.93 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BM010743.D
 Acq: 24 Jun 2017 23:04

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	4.6	7.0#
100	4.8	3.4	5.2





#77

Pvrene

Concen: 5.75 ng/ul

RT: 19.30 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

Instrument :

BNA_M

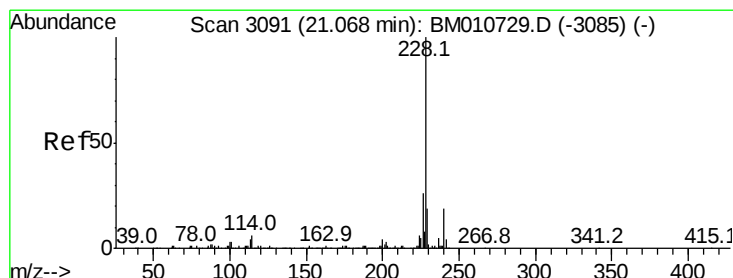
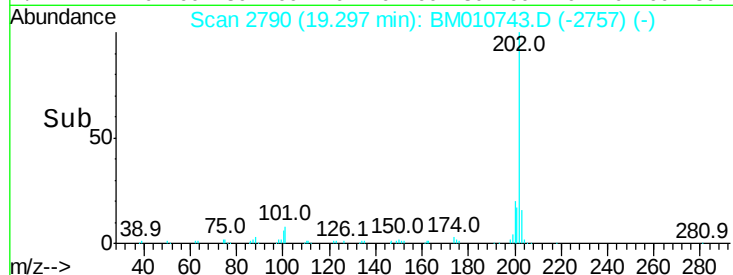
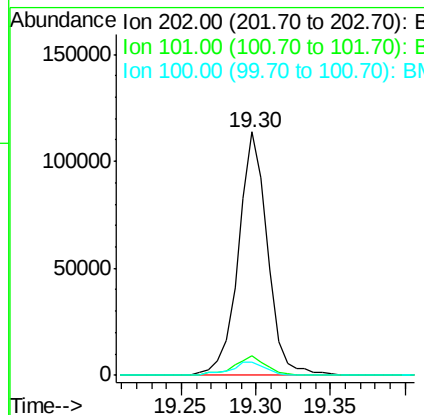
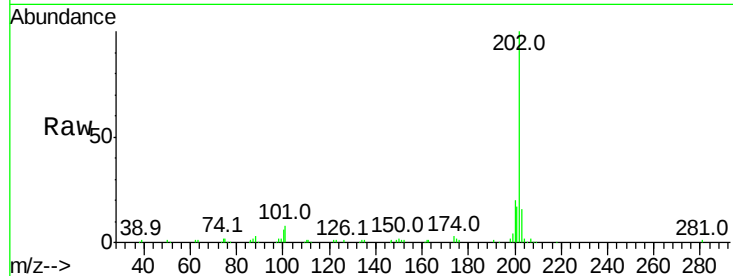
ClientSampleId :

F5B19MEDL

Tot Ion:	202	Resp:	153987
Ion Ratio	Lower	Upper	
202	100		
101	8.1	5.1	7.7#
100	5.5	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 1.75 ng/ul

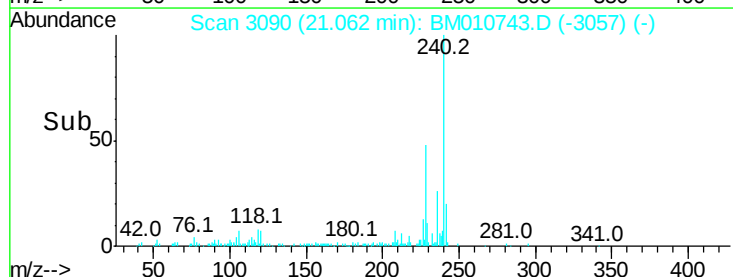
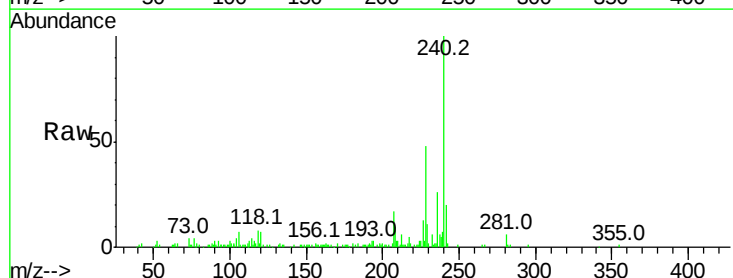
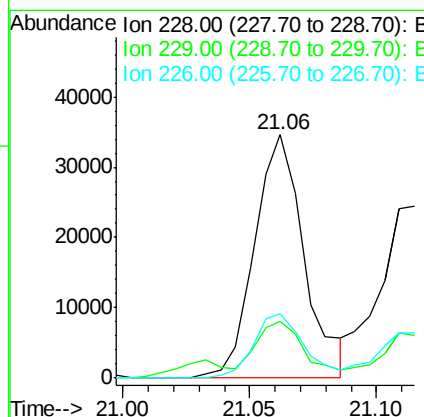
RT: 21.06 min Scan# 3090

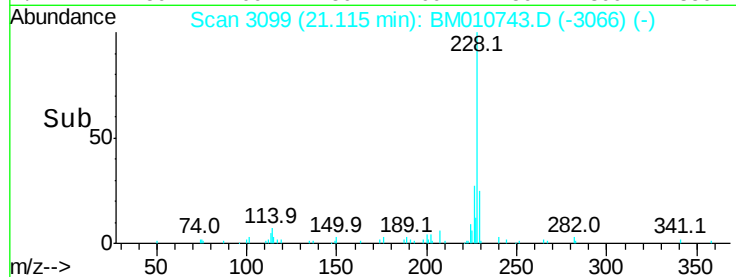
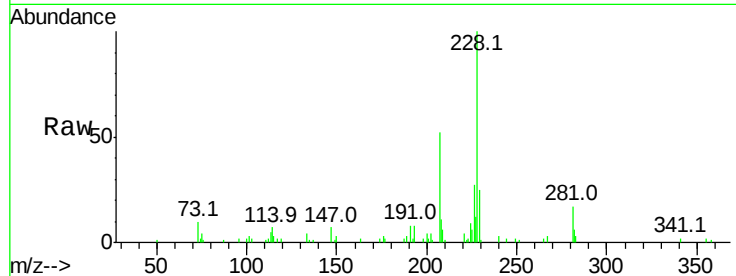
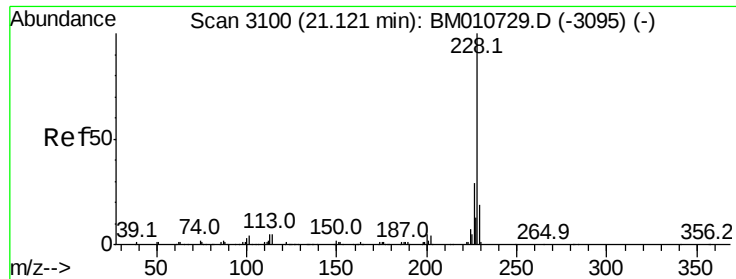
Delta R.T. -0.01 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

Tgt Ion:	228	Resp:	47225
Ion Ratio	Lower	Upper	
228	100		
229	23.6	15.4	23.0#
226	26.5	21.4	32.0





#82

Chrysene

Concen: 1.49 ng/ul

RT: 21.11 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM010743.D

Acq: 24 Jun 2017 23:04

Instrument :

BNA_M

ClientSampleId :

F5B19MEDL

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	26.6	23.4	35.2
229	24.9	15.5	23.3

Manual Integrations
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