

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042016\
 Data File : BM005018.D
 Acq On : 21 Apr 2016 08:21
 Operator : UM/SJ
 Sample : H2567-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7Z1

Manual Integrations
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Quant Time: Apr 27 06:53:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	59315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	216826	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.45	164	138932	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	282801	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	301368	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	294742	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	2567	2.32	ng/uL	0.00
5) Phenol-d5	6.97	99	54106	12.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	104770	43.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	127317	35.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	86145	24.63	ng/ul	-0.01
19) Nitrobenzene-d5	8.97	128	77017	53.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	86515	53.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	139524	47.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	24888	7.53	ng/ul	0.02
43) Dimethylphthalate-d6	13.86	166	409859	43.37	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	510772	44.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	19229	11.92	ng/ul	0.00
57) Fluorene-d10	15.44	176	352403	43.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	41764	34.14	ng/ul	0.00
70) Anthracene-d10	17.29	188	504141	44.86	ng/ul	0.00
76) Pyrene-d10	19.59	212	541531	43.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	534125	47.06	ng/ul	0.00

Target Compounds

						Qvalue
16) 4-Methylphenol	8.57	108	8017	2.15	ng/ul	95
28) Naphthalene	10.73	128	13527211	1400.26	ng/ul	97
34) 2-Methylnaphthalene	12.27	142	1704490	242.13	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	477755	47.94	ng/ul	99
47) Acenaphthylene	14.17	152	388850	31.60	ng/ul	99
49) Acenaphthene	14.52	153	1026538	128.14	ng/ul	99
53) Dibenzofuran	14.85	168	1235710	106.57	ng/ul	94
58) Fluorene	15.50	166	839905	94.19	ng/ul	99
69) Phenanthrene	17.24	178	1376339	104.29	ng/ul	98
71) Anthracene	17.33	178	160902	12.05	ng/ul	99
72) Carbazole	17.60	167	1463842	130.25	ng/ul	97
74) Fluoranthene	19.25	202	335549	24.68	ng/ul	97
77) Pyrene	19.62	202	216642	13.60	ng/ul	98
80) Benzo(a)anthracene	21.36	228	38253	2.58	ng/ul	99
82) Chrysene	21.42	228	24820m	1.76	ng/ul	
85) Benzo(b)fluoranthene	22.97	252	21894	1.50	ng/ul	98

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

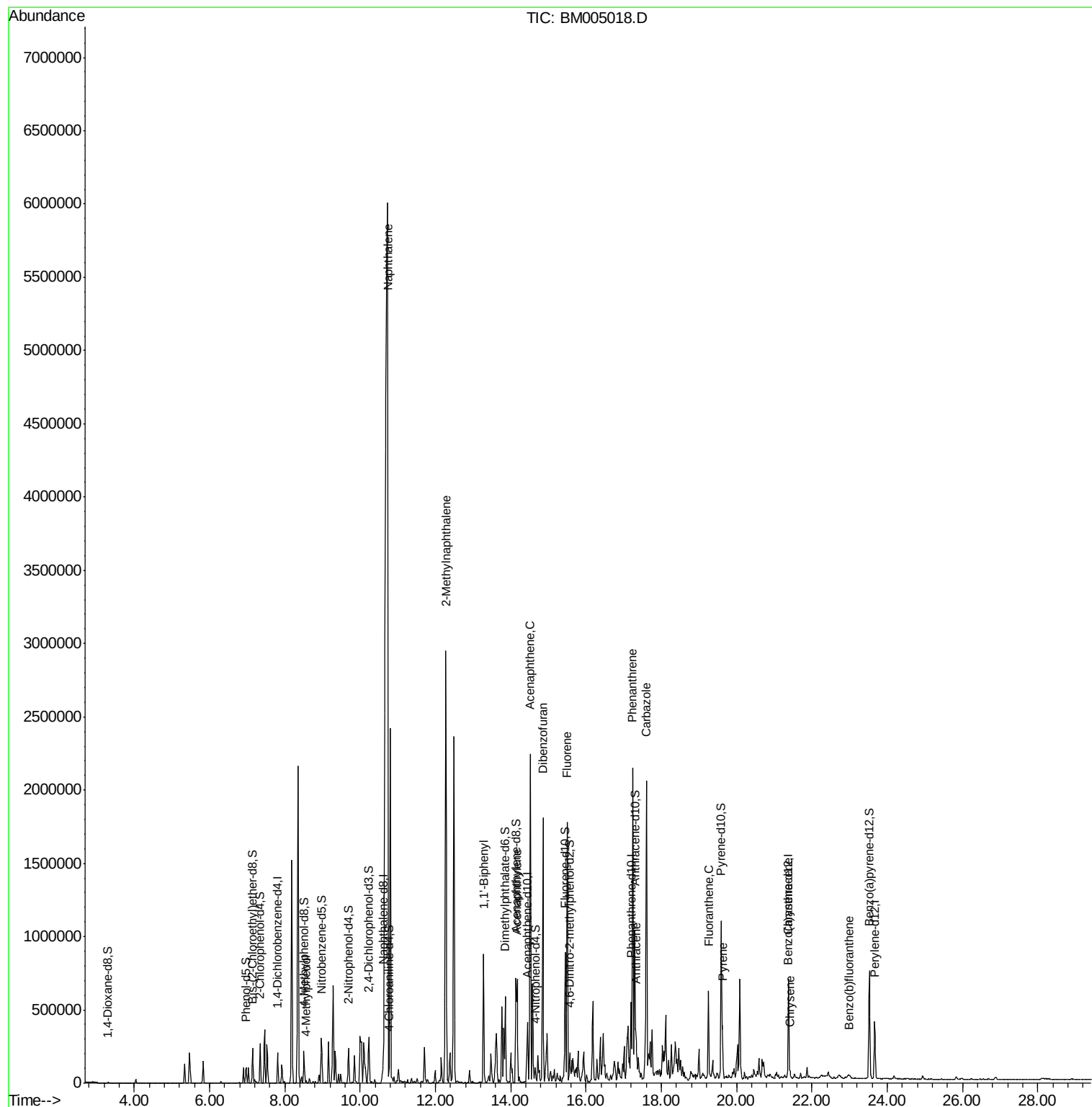
Data Path : Z:\HPCHEM1\BNA_M\Data\BM042016\
Data File : BM005018.D
Acq On : 21 Apr 2016 08:21
Operator : UM/SJ
Sample : H2567-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

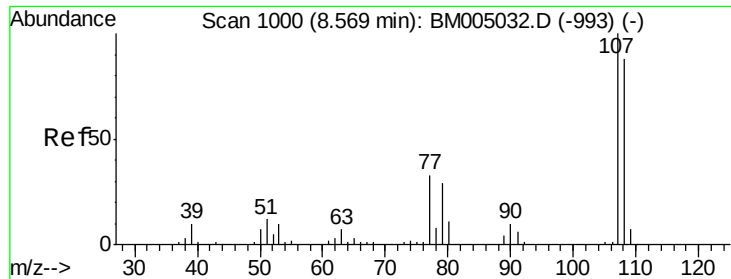
Instrument :
BNA_M
ClientSampleId :
BC7Z1

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Quant Time: Apr 27 06:53:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





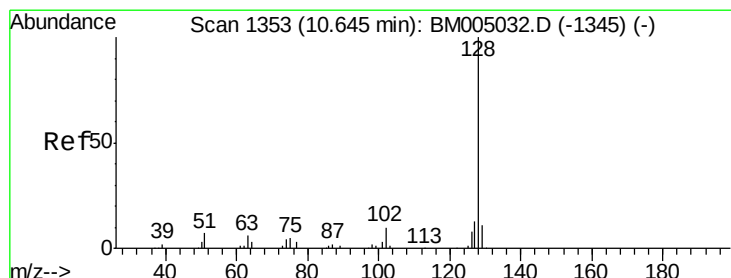
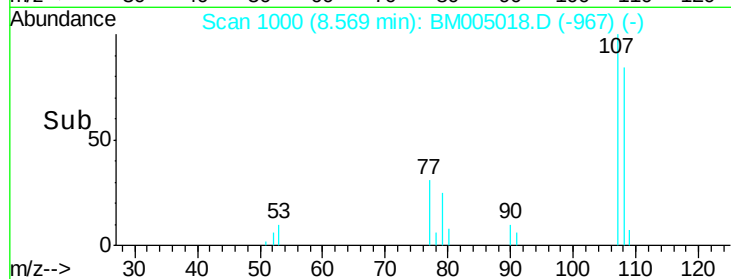
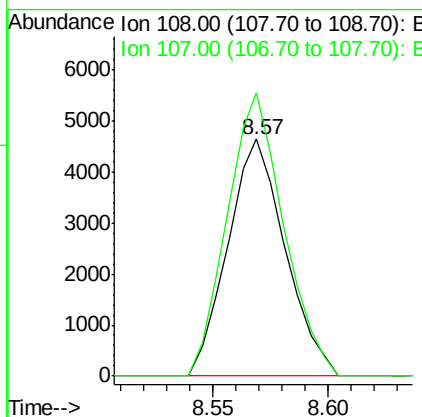
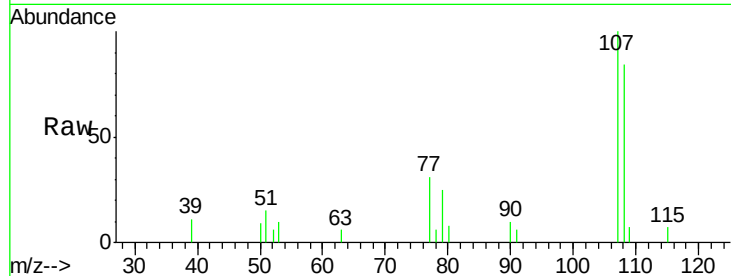
#16
4-Methylphenol
Concen: 2.15 ng/ul
RT: 8.57 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BM005018.D
Acq: 21 Apr 2016 08:21

Instrument :
BNA_M
ClientSampleId :
BC7Z1

Tgt Ion:108 Resp: 8017
Ion Ratio Lower Upper
108 100
107 119.4 91.0 136.6

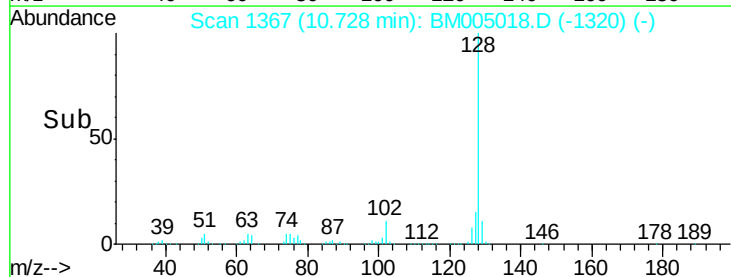
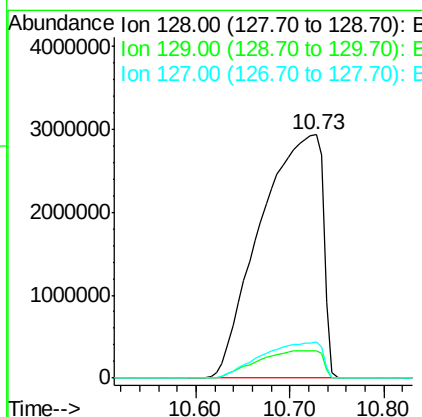
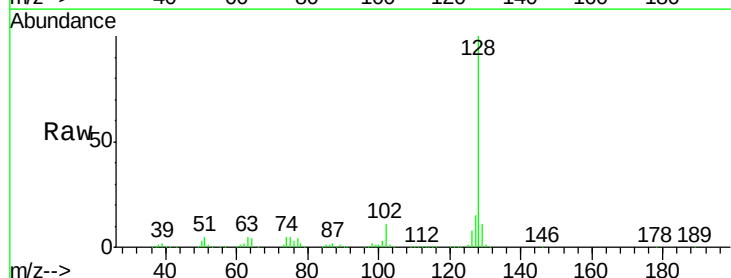
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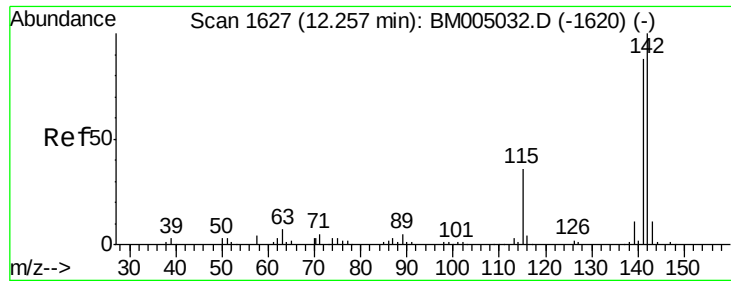
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#28
Naphthalene
Concen: 1400.26 ng/ul
RT: 10.73 min Scan# 1367
Delta R.T. 0.08 min
Lab File: BM005018.D
Acq: 21 Apr 2016 08:21

Tgt Ion:128 Resp:13527211
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 14.7 10.6 15.8





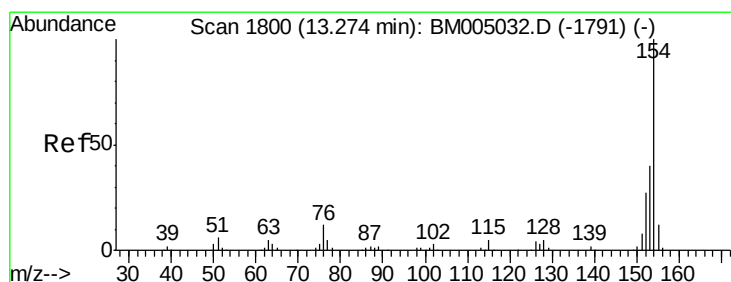
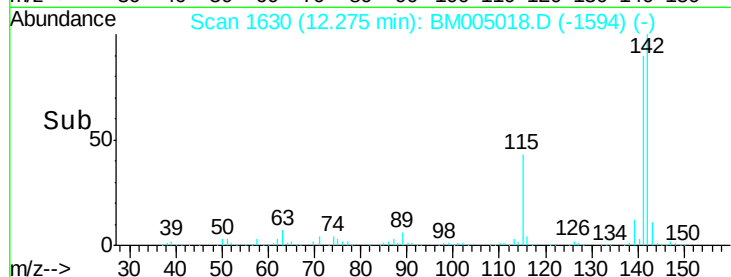
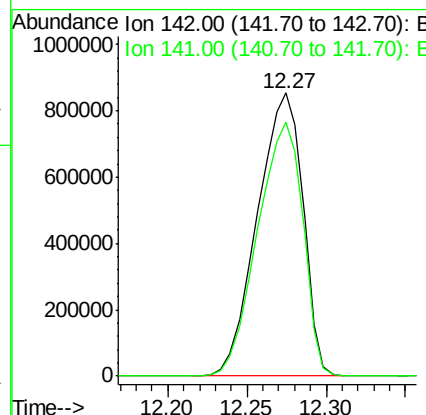
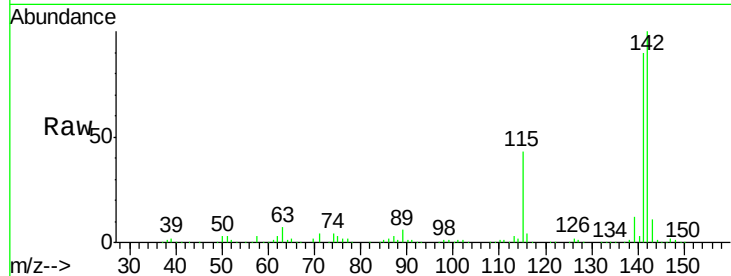
#34
 2-Methylnaphthalene
 Concen: 242.13 ng/ul
 RT: 12.27 min Scan# 1630
 Delta R.T. 0.01 min
 Lab File: BM005018.D
 Acq: 21 Apr 2016 08:21

Instrument :
 BNA_M
 ClientSampleId :
 BC7Z1

Tgt Ion:142 Resp: 1704490
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.3 105.5

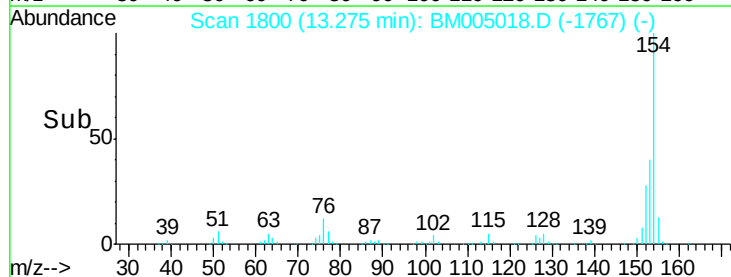
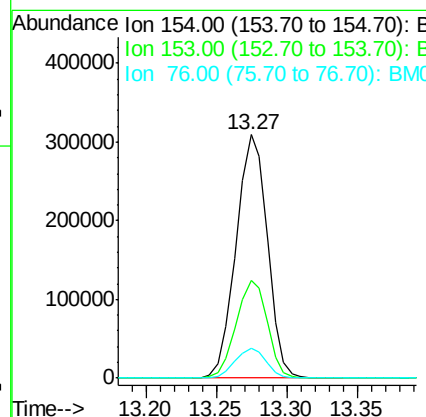
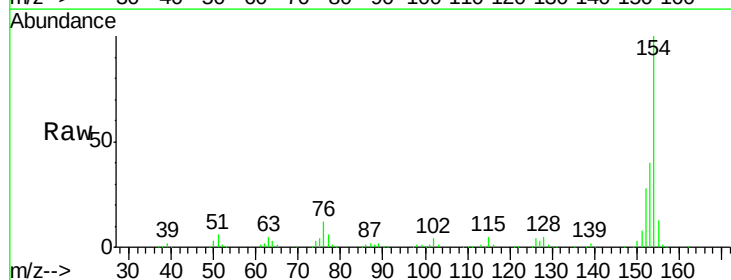
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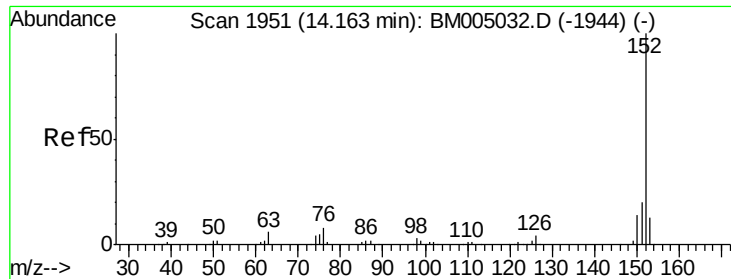
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#40
 1,1'-Biphenyl
 Concen: 47.94 ng/ul
 RT: 13.27 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BM005018.D
 Acq: 21 Apr 2016 08:21

Tgt Ion:154 Resp: 477755
 Ion Ratio Lower Upper
 154 100
 153 40.2 31.5 47.3
 76 12.1 10.1 15.1





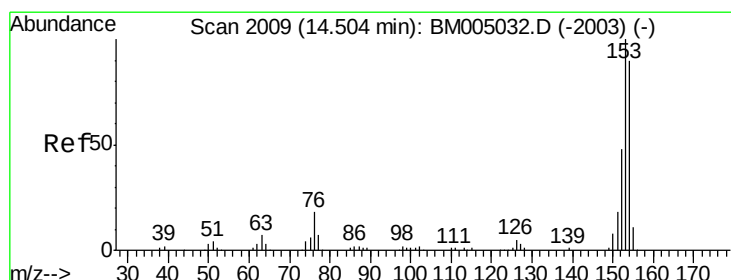
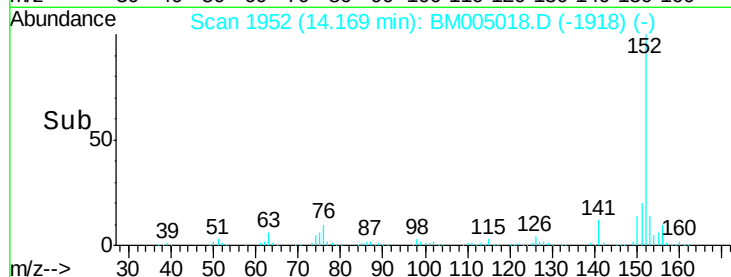
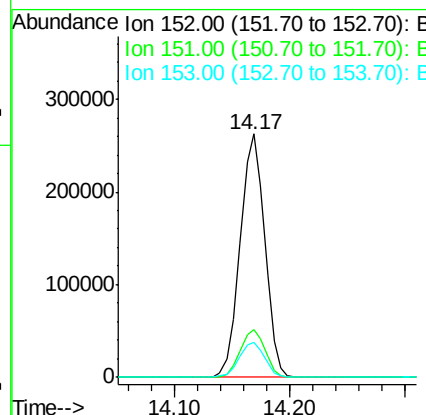
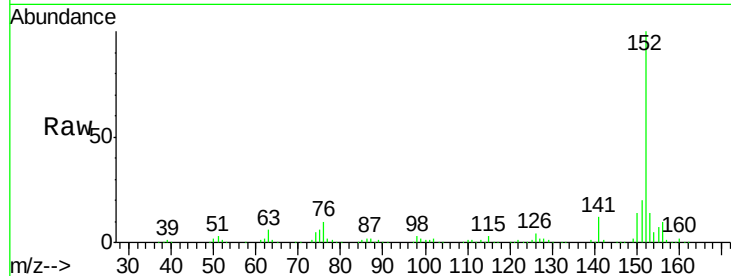
#47
Acenaphthylene
Concen: 31.60 ng/ul
RT: 14.17 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM005018.D
Acq: 21 Apr 2016 08:21

Instrument :
BNA_M
ClientSampleId :
BC7Z1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	388850		
151	19.8	15.8	23.8	
153	14.1	10.3	15.5	

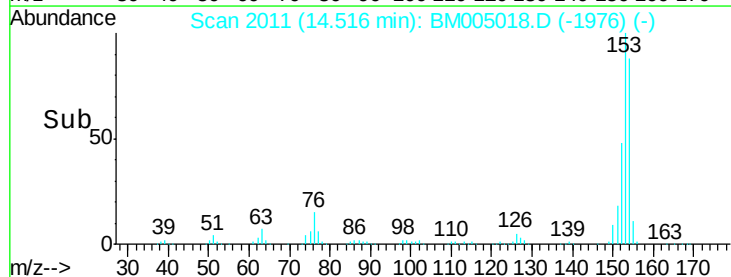
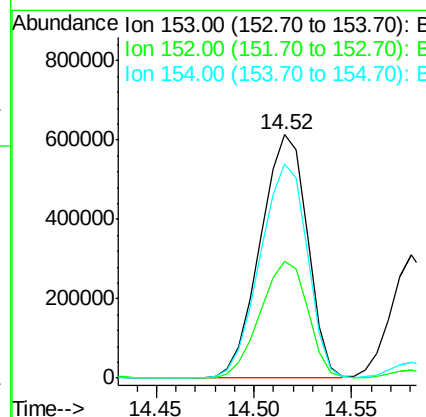
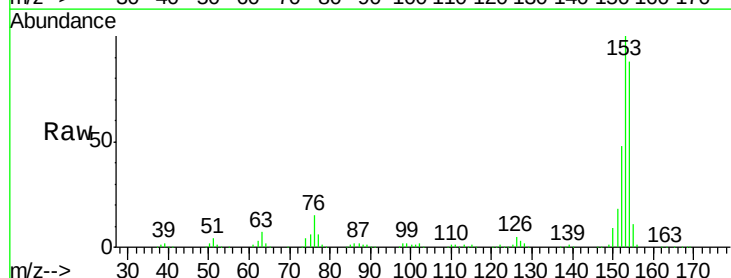
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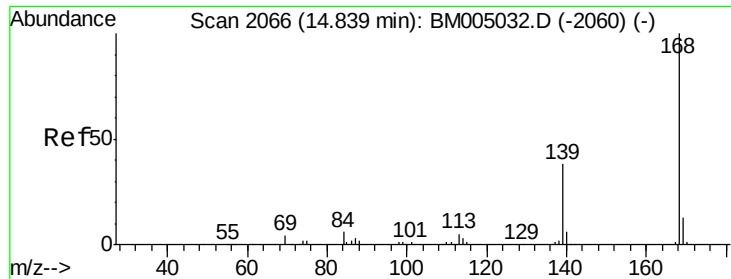
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#49
Acenaphthene
Concen: 128.14 ng/ul
RT: 14.52 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BM005018.D
Acq: 21 Apr 2016 08:21

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1026538		
152	48.2	37.7	56.5	
154	88.2	71.4	107.2	





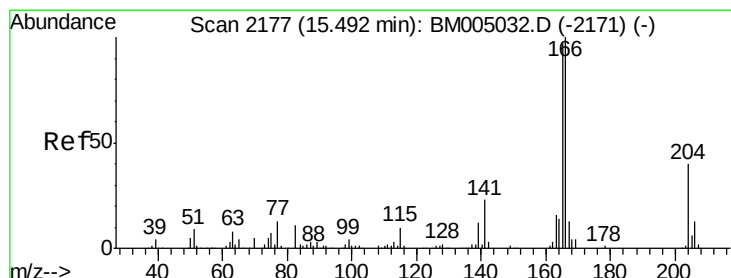
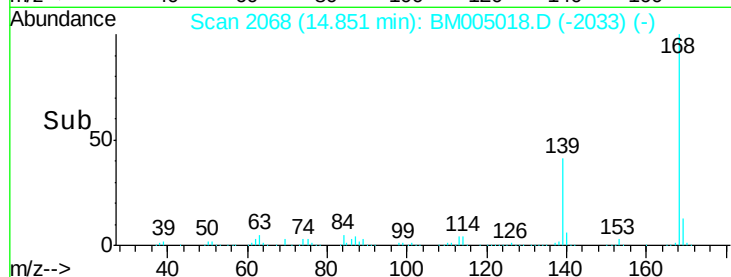
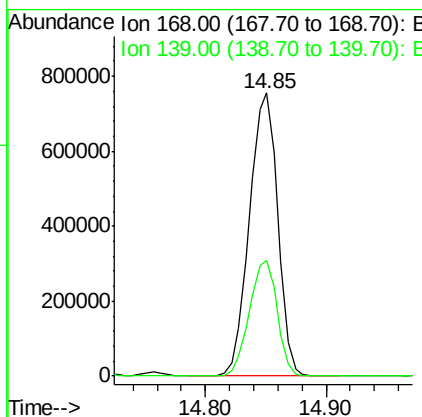
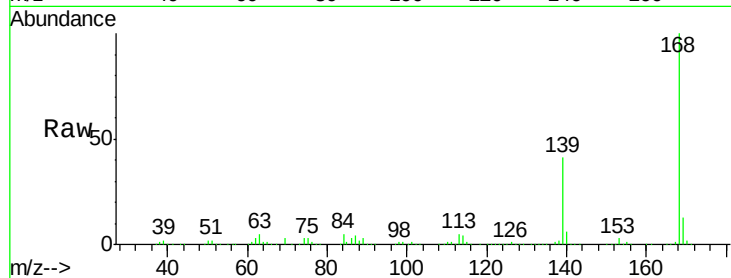
#53
Dibenzenofuran
Concen: 106.57 ng/ul
RT: 14.85 min Scan# 2068
Delta R.T. 0.01 min
Lab File: BM005018.D
Acq: 21 Apr 2016 08:21

Instrument :
BNA_M
ClientSampleId :
BC7Z1

Tgt Ion:168 Resp: 1235710
Ion Ratio Lower Upper
168 100
139 40.8 29.9 44.9

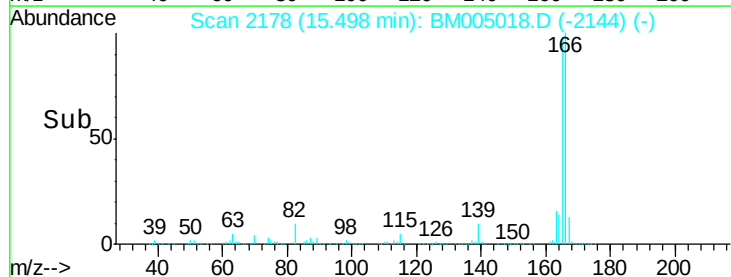
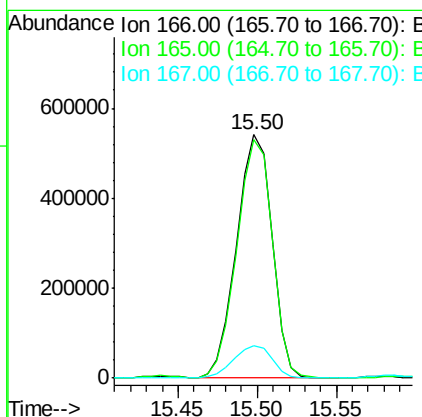
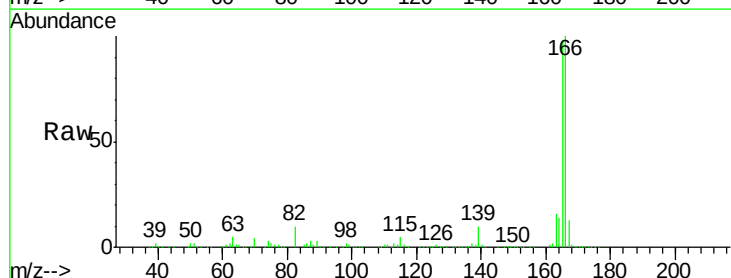
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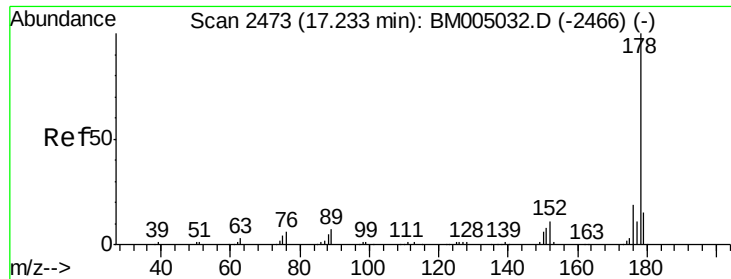
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#58
Fluorene
Concen: 94.19 ng/ul
RT: 15.50 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BM005018.D
Acq: 21 Apr 2016 08:21

Tgt Ion:166 Resp: 839905
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 13.5 10.9 16.3





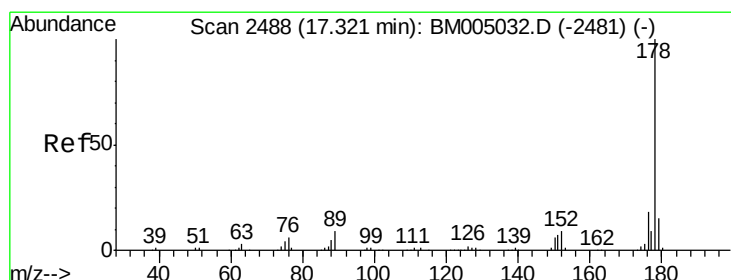
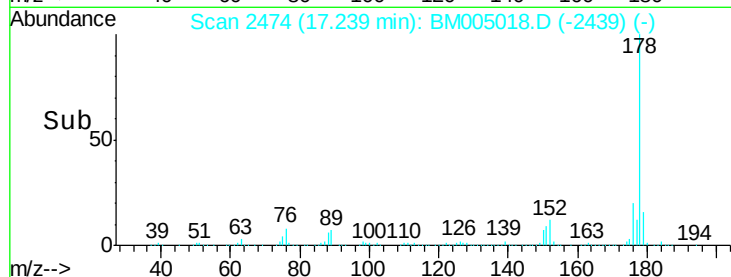
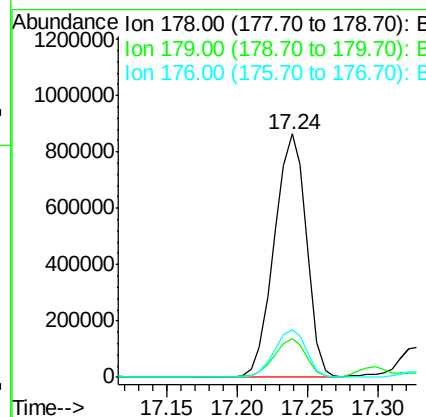
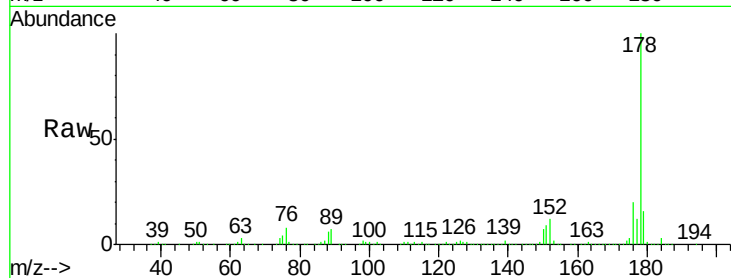
#69
 Phenanthrene
 Concen: 104.29 ng/ul
 RT: 17.24 min Scan# 2474
 Delta R.T. 0.01 min
 Lab File: BM005018.D
 Acq: 21 Apr 2016 08:21

Instrument :
 BNA_M
 ClientSampled :
 BC7Z1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	19.8	15.2	22.8

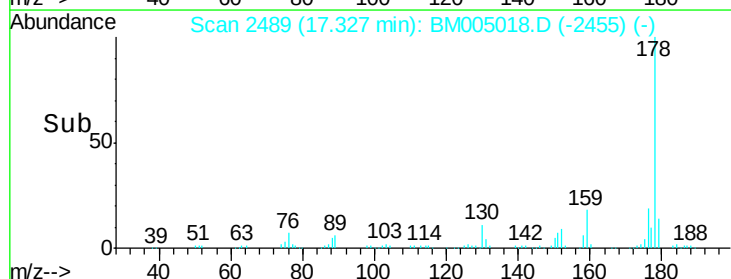
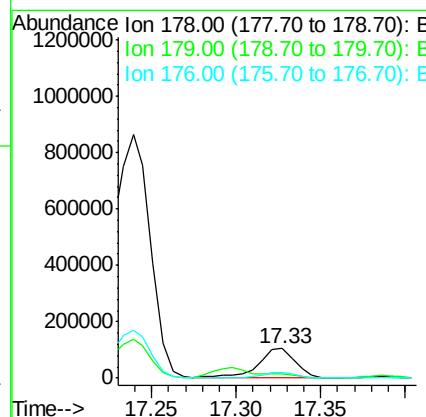
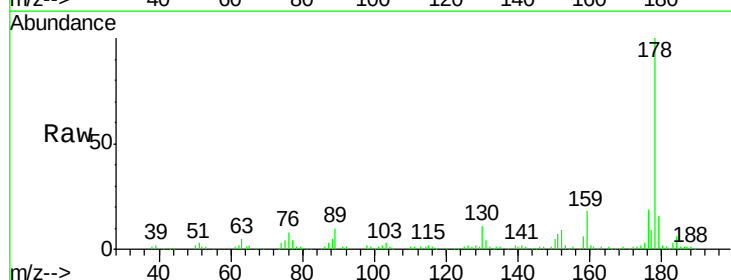
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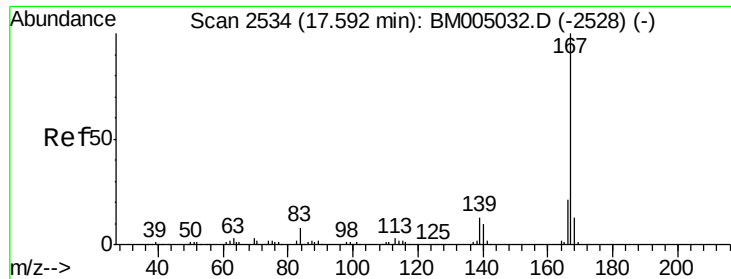
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#71
 Anthracene
 Concen: 12.05 ng/ul
 RT: 17.33 min Scan# 2489
 Delta R.T. 0.00 min
 Lab File: BM005018.D
 Acq: 21 Apr 2016 08:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.1	18.1
176	18.5	14.6	22.0





#72

Carbazole

Concen: 130.25 ng/ul

RT: 17.60 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BM005018.D

Acq: 21 Apr 2016 08:21

Instrument :

BNA_M

ClientSampleId :

BC7Z1

Tgt Ion:167 Resp: 1463842

Ion Ratio Lower Upper

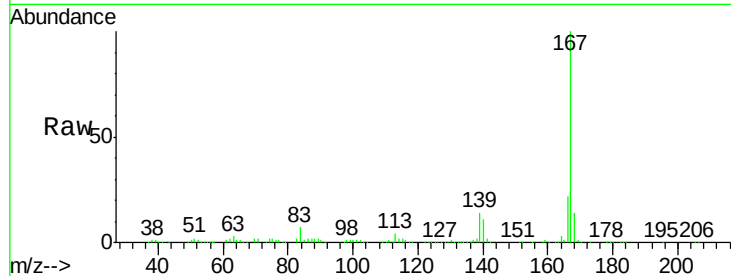
167 100

166 21.7 16.6 25.0

139 14.2 10.2 15.4

Manual Integrations
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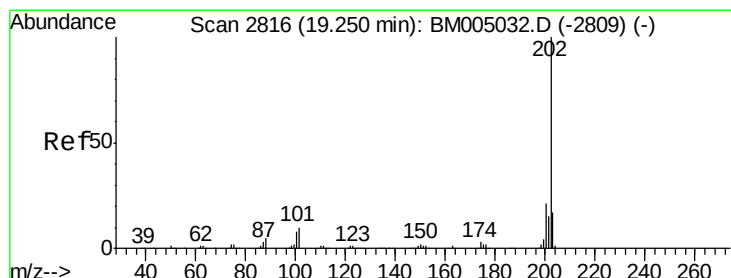
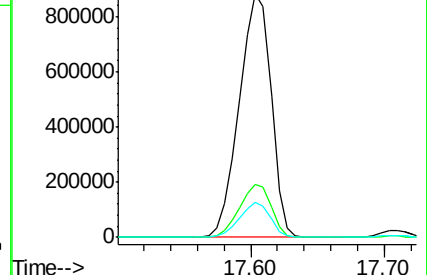
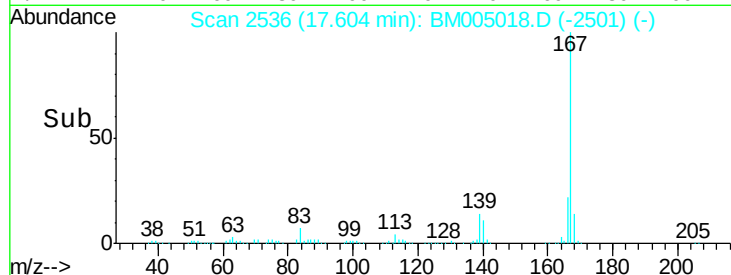
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 24.68 ng/ul

RT: 19.25 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM005018.D

Acq: 21 Apr 2016 08:21

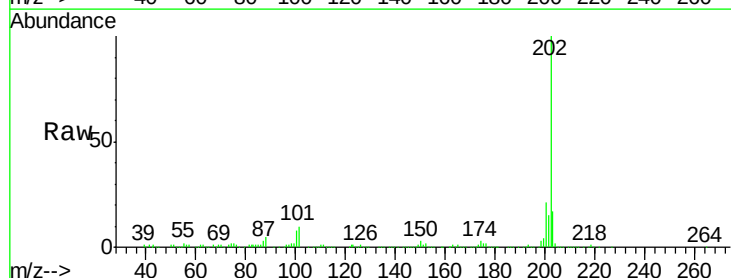
Tgt Ion:202 Resp: 335549

Ion Ratio Lower Upper

202 100

101 10.1 9.0 13.4

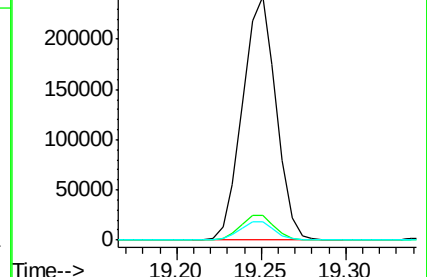
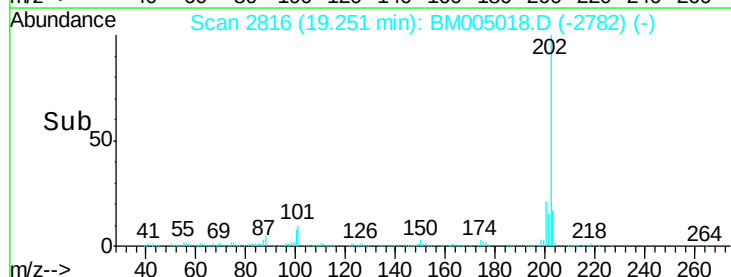
100 7.5 6.6 10.0

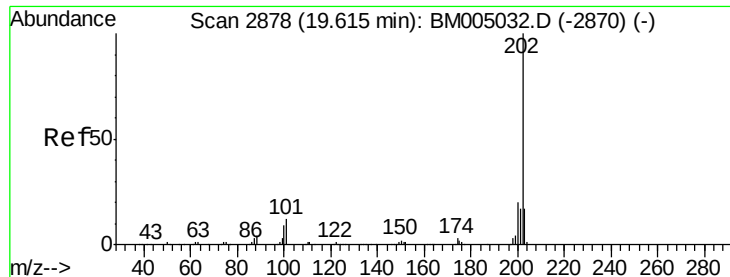


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 13.60 ng/ul

RT: 19.62 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BM005018.D

Acq: 21 Apr 2016 08:21

Instrument :

BNA_M

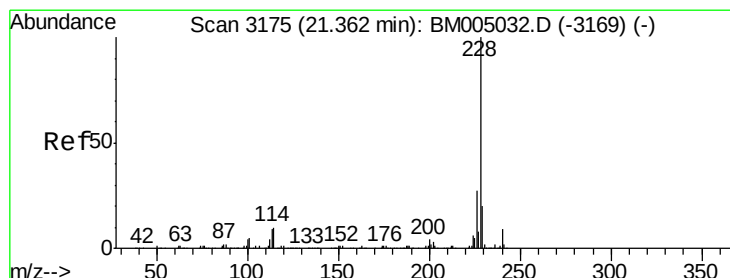
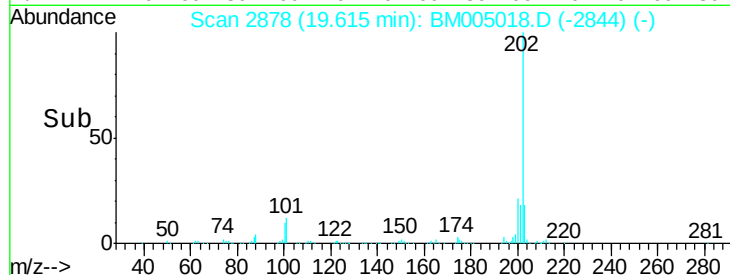
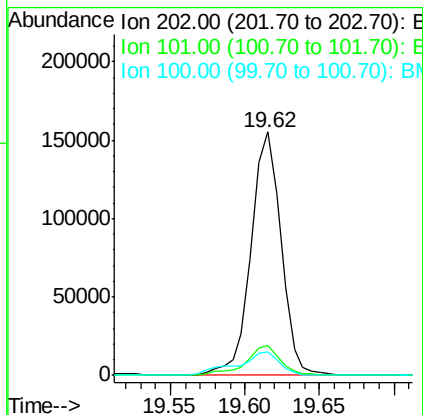
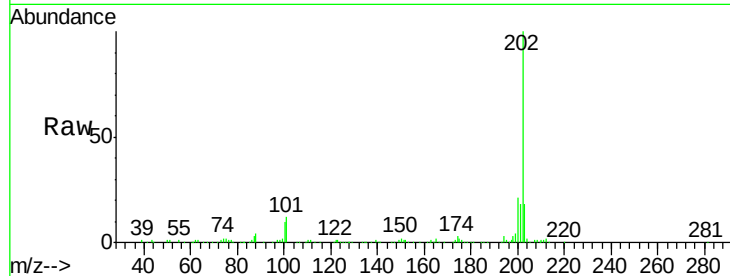
ClientSampleId :

BC7Z1

Tgt Ion:	202	Resp:	216642
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.5	15.7
100	9.7	8.2	12.2

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#80

Benzo(a)anthracene

Concen: 2.58 ng/ul

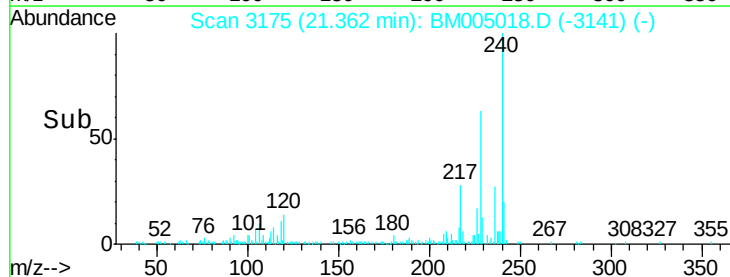
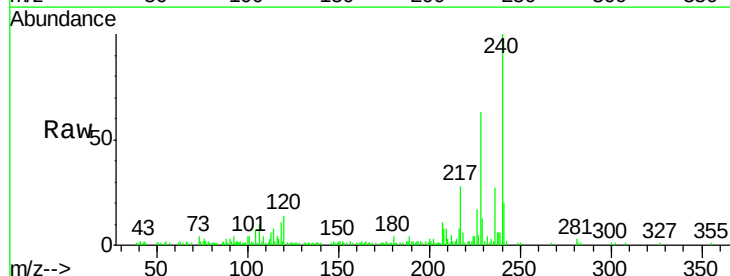
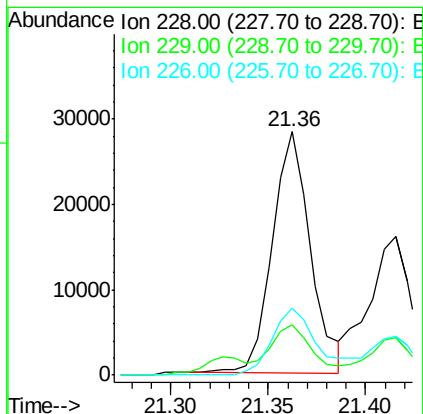
RT: 21.36 min Scan# 3175

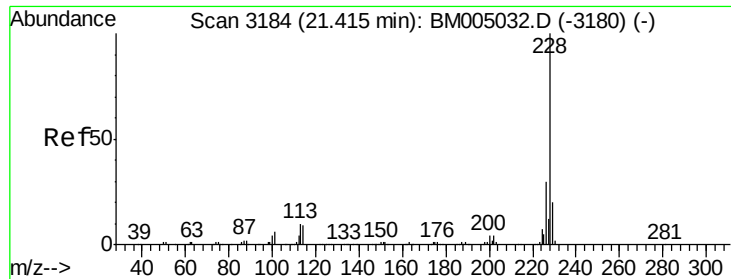
Delta R.T. 0.00 min

Lab File: BM005018.D

Acq: 21 Apr 2016 08:21

Tgt Ion:	228	Resp:	38253
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.8	23.6
226	27.3	21.5	32.3





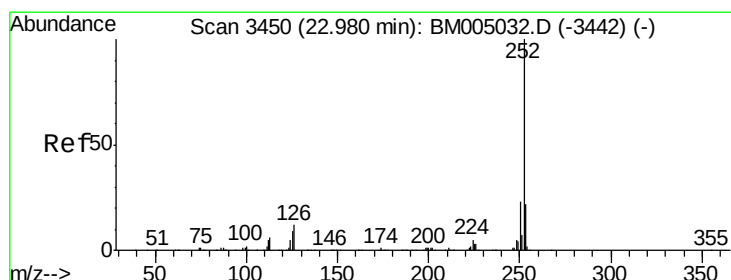
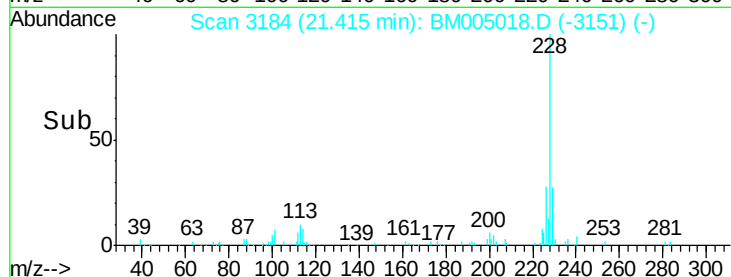
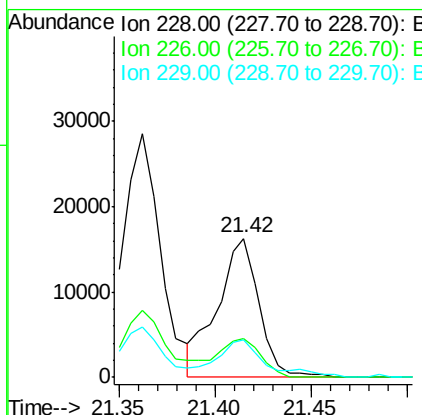
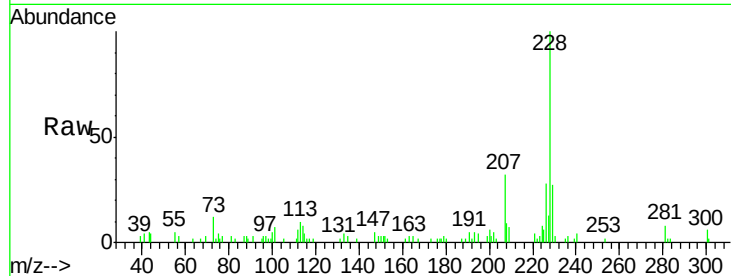
#82
Chrysene
Concen: 1.76 ng/ul m
RT: 21.42 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BM005018.D
Acq: 21 Apr 2016 08:21

Instrument :
BNA_M
ClientSampled :
BC7Z1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.2	36.2
229	26.7	15.5	23.3

Manual Integrations
APPROVED

sohil
4/21/2016 7:04:36 PM



#85
Benzo(b)fluoranthene
Concen: 1.50 ng/ul
RT: 22.97 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BM005018.D
Acq: 21 Apr 2016 08:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.9	7.8	11.6

