

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
 Data File : BM004371.D
 Acq On : 24 Feb 2016 03:59
 Operator : SJ/UM
 Sample : H1542-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 0311-S33-0312

Manual Integrations
 APPROVED

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Quant Time: Feb 24 05:51:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 24 02:51:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	30718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	142261	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	81964	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	169588	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	129598	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	125687	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2649	4.55	ng/uL	0.00
5) Phenol-d5	6.81	99	60702m	23.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	32969	25.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	55587	25.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	43829	19.04	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	27375	25.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	31318	25.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	55066m	24.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	55337m	19.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	182456	25.96	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	223925	27.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	17822	15.77	ng/ul	0.00
58) Fluorene-d10	15.28	176	157786	26.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	18671	17.92	ng/ul	0.00
71) Anthracene-d10	17.13	188	225497	27.14	ng/ul	0.00
79) Pyrene-d10	19.44	212	208414	33.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	182363	27.65	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	13.74	163	66323	9.05	ng/ul	99
77) Fluoranthene	19.11	202	21216	1.84	ng/ul	98
80) Pyrene	19.47	202	20036	2.37	ng/ul	99
83) Benzo(a)anthracene	21.23	228	13187	1.58	ng/ul	93
85) Chrysene	21.28	228	13615	1.70	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	17884	2.11	ng/ul#	90
91) Benzo(a)pyrene	23.37	252	14040m	1.78	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.71	276	10431m	1.41	ng/ul	
94) Benzo(g,h,i)perylene	26.39	276	11335	1.87	ng/ul	94

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

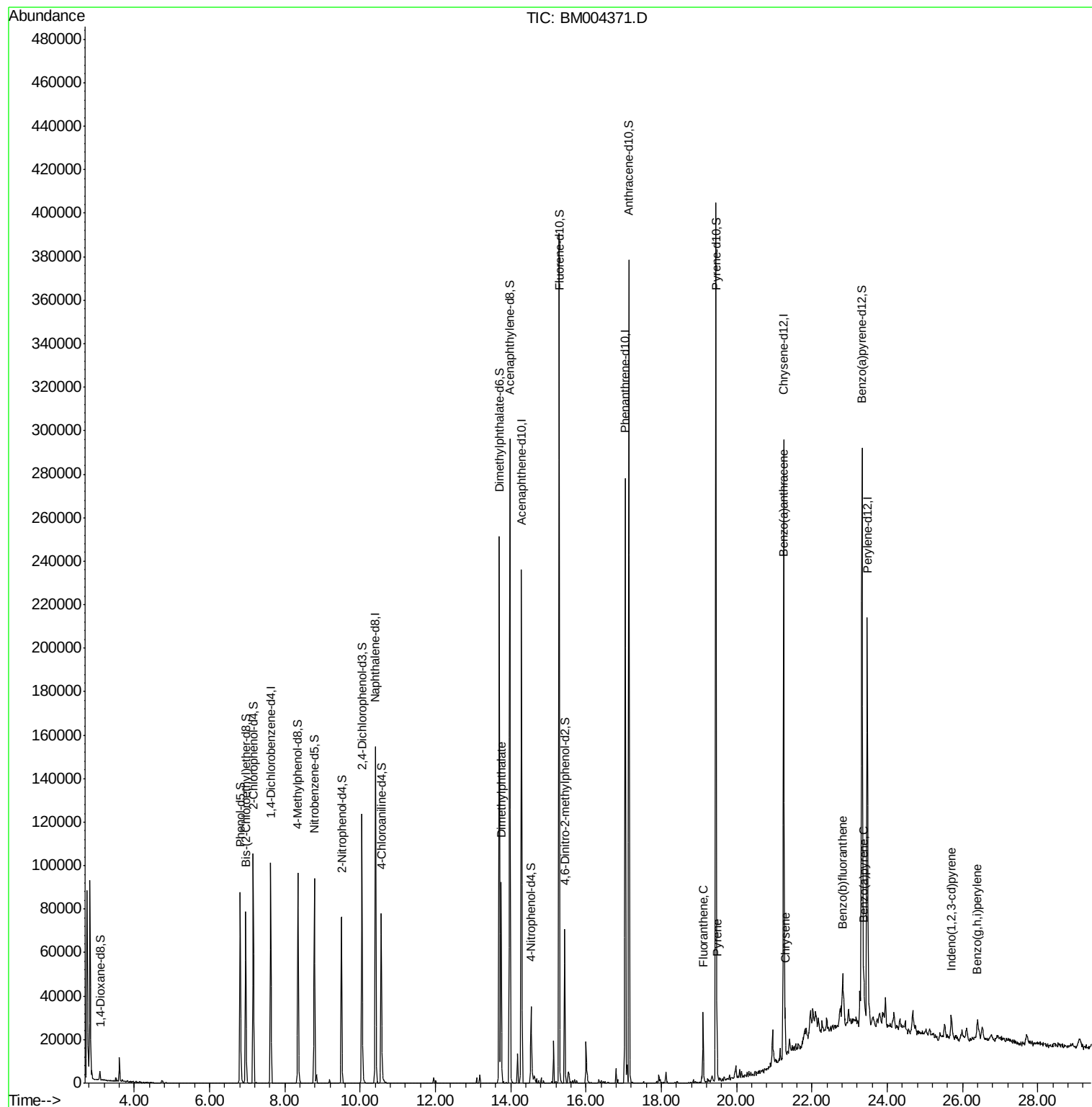
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022316\
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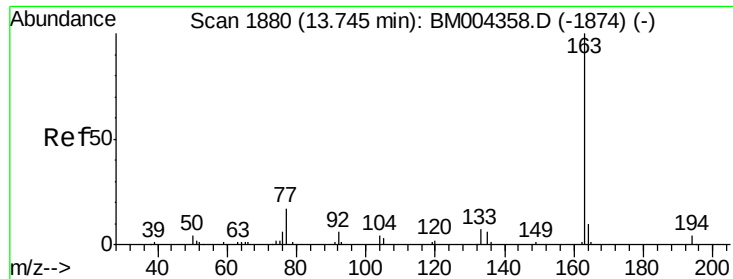
Instrument :
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Quant Time: Feb 24 05:51:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





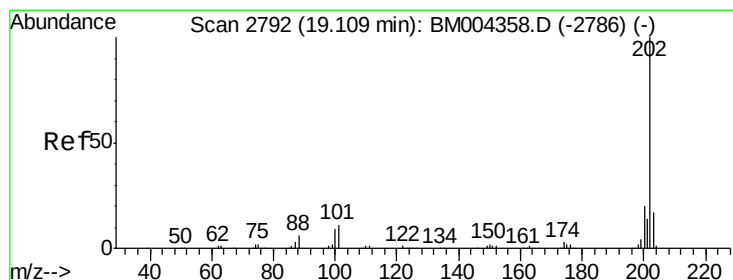
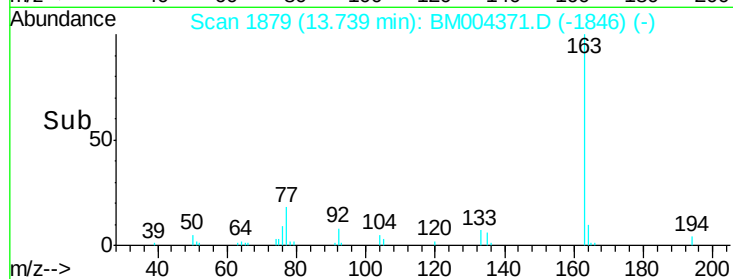
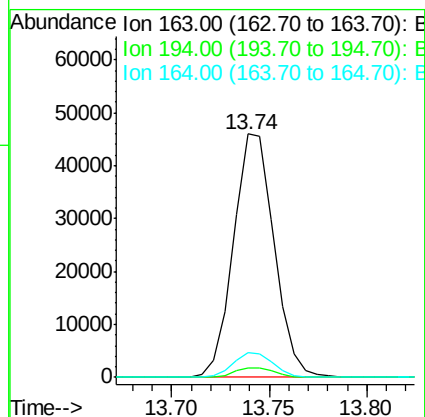
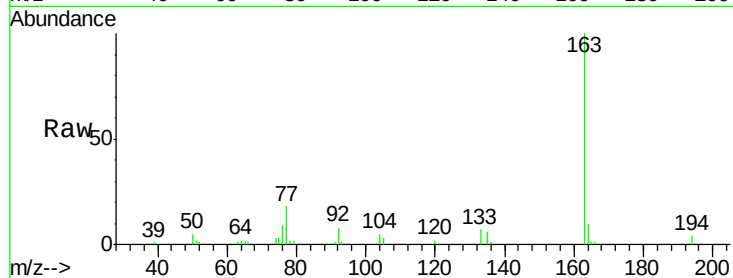
#45
Dimethylphthalate
Concen: 9.05 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BM004371.D
Acq: 24 Feb 2016 03:59

Instrument :
BNA_M
ClientSampleId :
0311-S33-0312

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.2	4.8
164	10.4	7.8	11.8

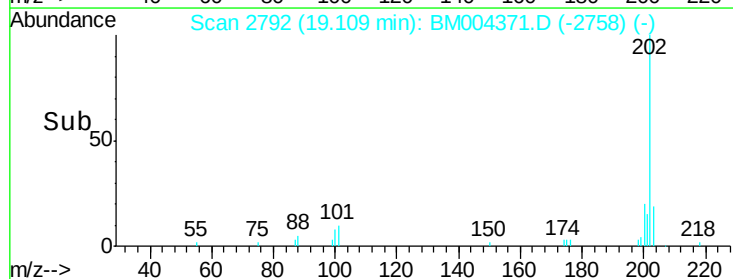
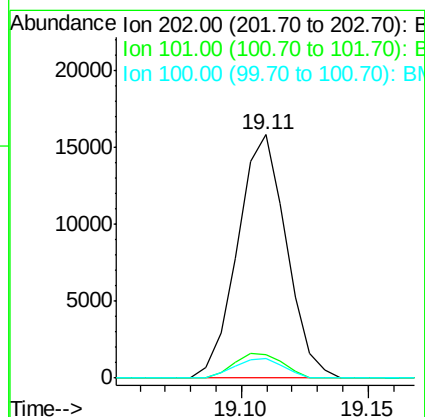
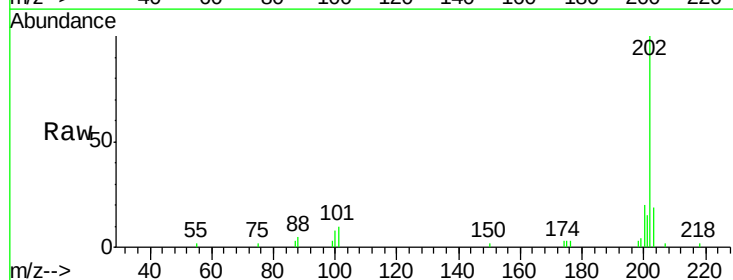
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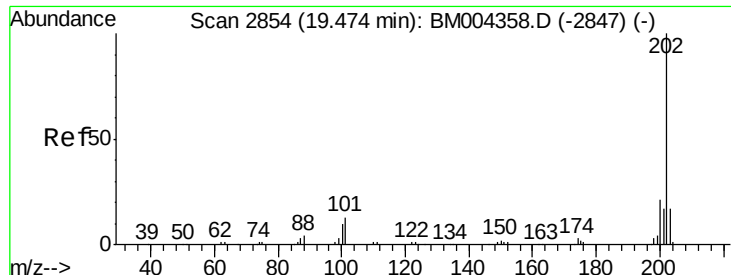
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#77
Fluoranthene
Concen: 1.84 ng/ul
RT: 19.11 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM004371.D
Acq: 24 Feb 2016 03:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.7	8.8	13.2
100	7.9	6.6	9.8





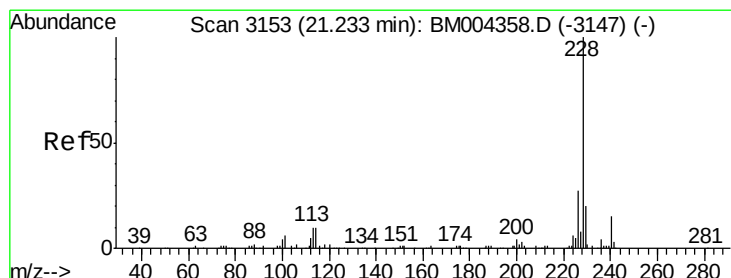
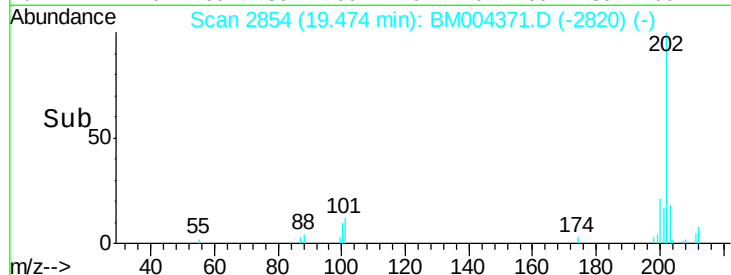
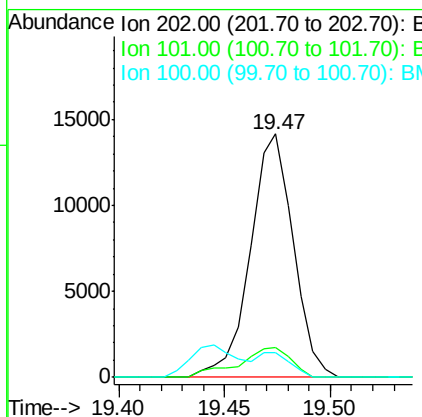
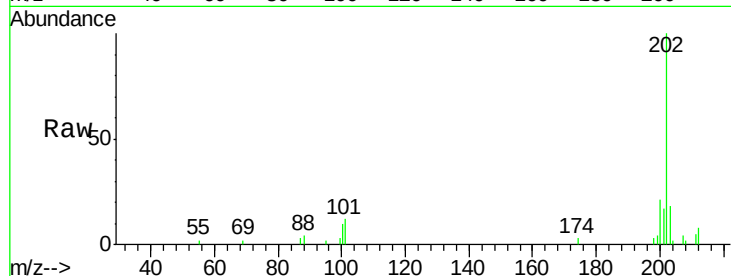
#80
 Pyrene
 Concen: 2.37 ng/ul
 RT: 19.47 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BM004371.D
 Acq: 24 Feb 2016 03:59

Instrument :
 BNA_M
 ClientSampleId :
 0311-S33-0312

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	20036		
101	12.2	10.2	15.2	
100	10.0	8.5	12.7	

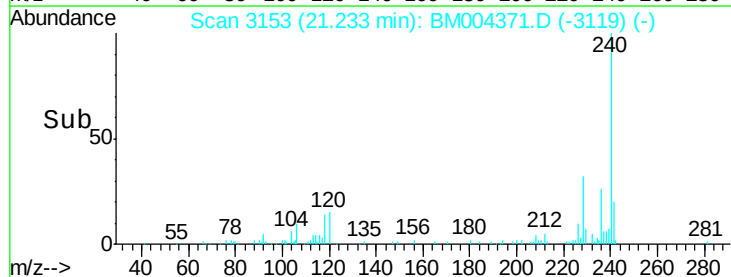
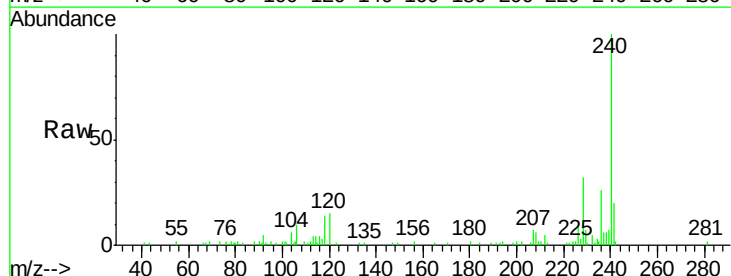
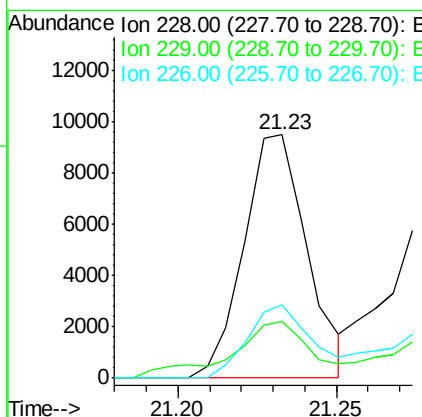
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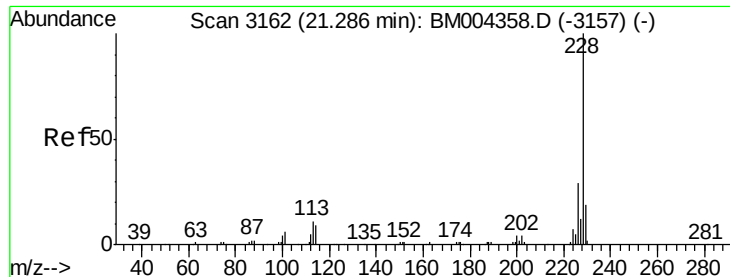
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#83
 Benzo(a)anthracene
 Concen: 1.58 ng/ul
 RT: 21.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BM004371.D
 Acq: 24 Feb 2016 03:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	13187		
229	23.2	15.7	23.5	
226	30.2	21.8	32.6	





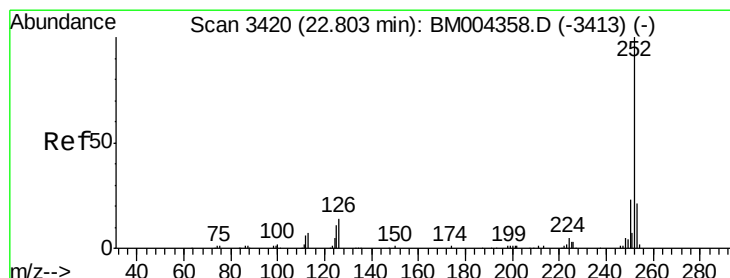
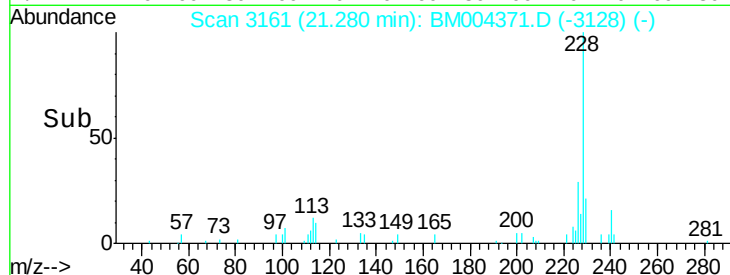
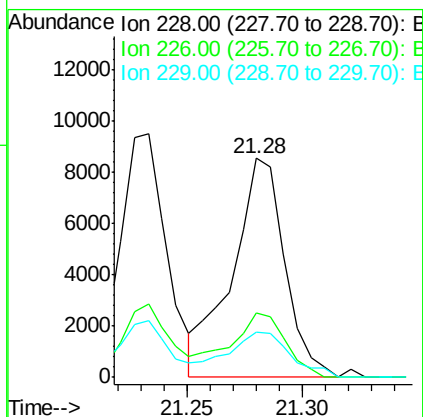
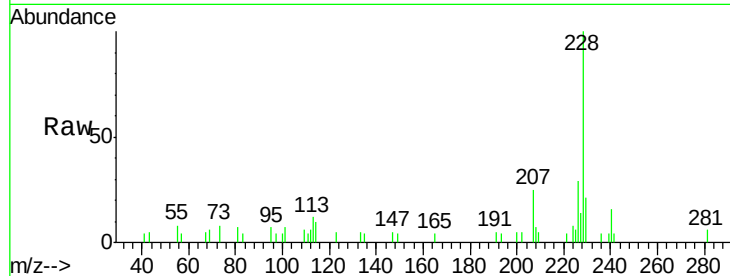
#85
Chrysene
Concen: 1.70 ng/ul
RT: 21.28 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BM004371.D
Acq: 24 Feb 2016 03:59

Instrument :
BNA_M
ClientSampleId :
0311-S33-0312

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	13615		
226	29.2	24.0	36.0	
229	20.9	15.6	23.4	

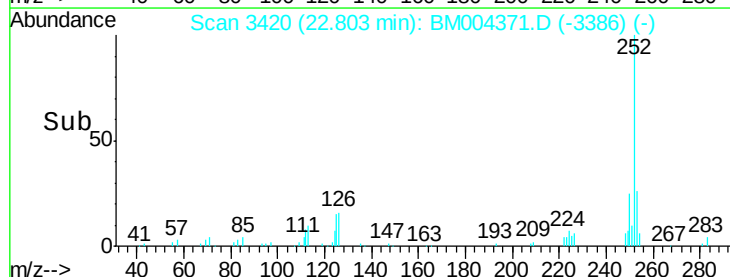
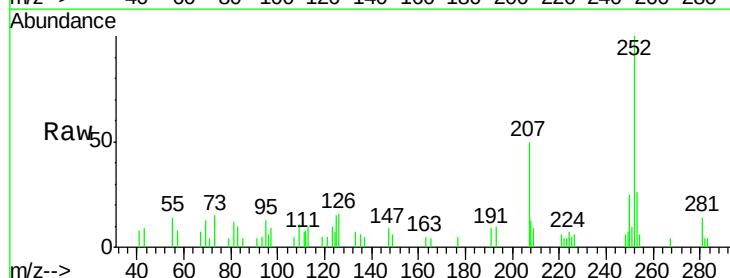
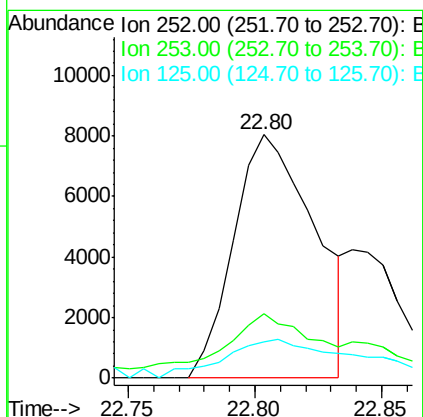
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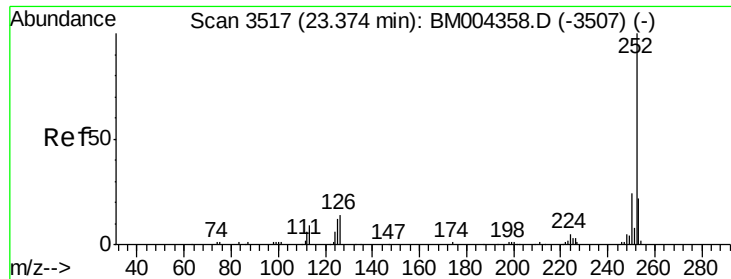
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#88
Benzo(b)fluoranthene
Concen: 2.11 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. 0.00 min
Lab File: BM004371.D
Acq: 24 Feb 2016 03:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	17884		
253	26.4	17.5	26.3#	
125	14.7	8.5	12.7#	





#91

Benzo(a)pyrene

Concen: 1.78 ng/ul m

RT: 23.37 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM004371.D

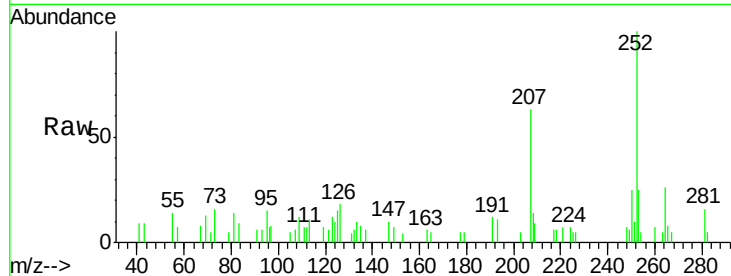
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Instrument :

BNA_M

ClientSampleId :

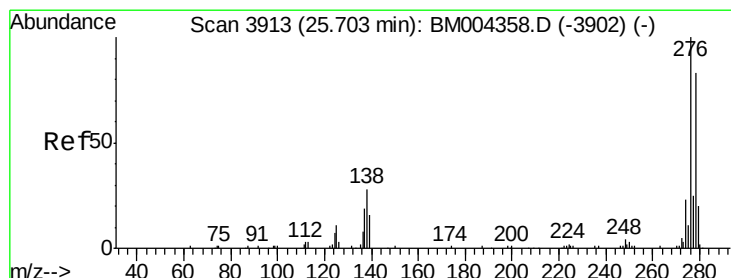
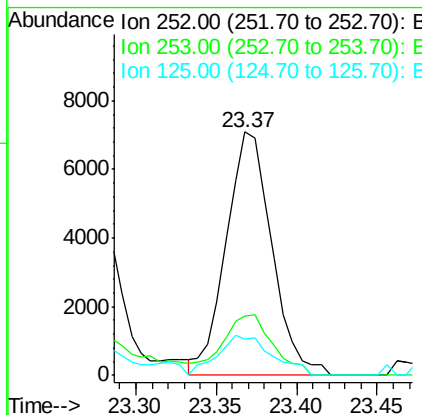
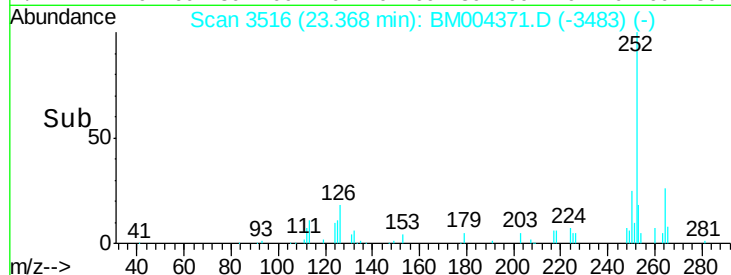
0311-S33-0312



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	14.9	9.0	13.6#

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#92

Indeno(1,2,3-cd)pyrene

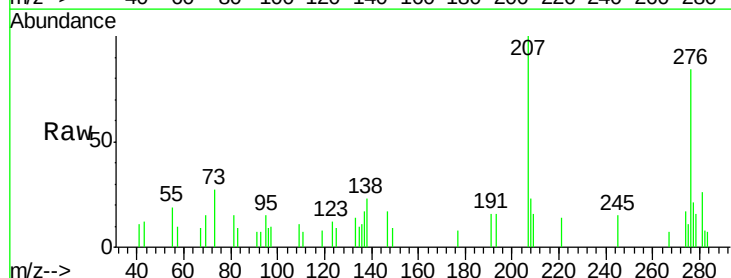
Concen: 1.41 ng/ul m

RT: 25.71 min Scan# 3914

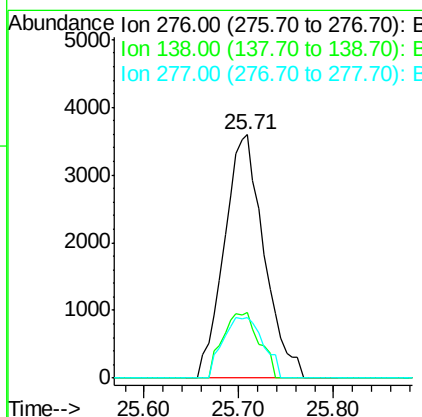
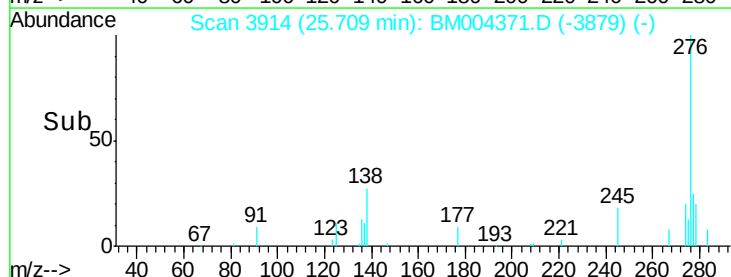
Delta R.T. 0.01 min

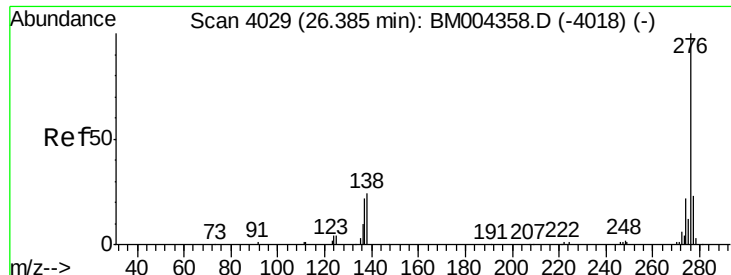
Lab File: BM004371.D

Acq: 24 Feb 2016 03:59



Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	22.3	33.5
277	24.7	20.2	30.2





#94

Benzo(g,h,i)perylene

Concen: 1.87 ng/ul

RT: 26.39 min Scan# 4030

Delta R.T. 0.01 min

Lab File: BM004371.D

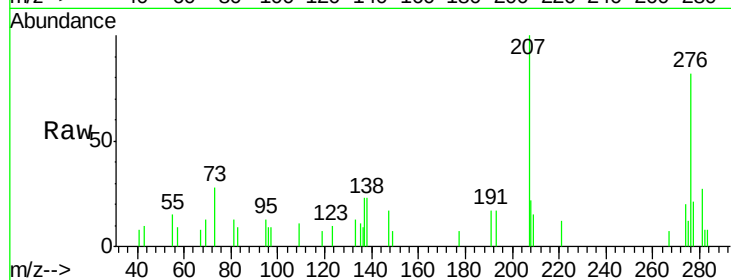
Acq: 24 Feb 2016 03:59

Instrument :

BNA_M

ClientSampleId :

0311-S33-0312



Tgt Ion:	276	Resp:	11335
Ion Ratio	Lower	Upper	
276	100		
138	27.6	18.9	28.3
277	26.1	19.2	28.8

Manual Integrations
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