

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
 Data File : BM010474.D
 Acq On : 10 Jun 2017 03:27
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B71

Manual Integrations
 APPROVED

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 6/12/2017 11:18:37 AM

Quant Time: Jun 10 04:23:15 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 10 02:32:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	283327	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	1082161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	730889	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1764485	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1856694	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1757234	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	17485	2.53	ng/uL	0.00
5) Phenol-d5	7.09	99	304263	14.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	174103	14.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	268184	15.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	266579	15.39	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	131477	16.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	159602	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	319205	16.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	319493	17.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1107293	18.23	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1214735	17.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	90465m	9.96	ng/ul	0.00
57) Fluorene-d10	15.53	176	949795	17.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	154082	12.33	ng/ul	0.00
70) Anthracene-d10	17.39	188	1498164	17.45	ng/ul	0.00
76) Pyrene-d10	19.67	212	1659089	21.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1401216	17.13	ng/ul	0.00
Target Compounds						
44) Dimethylphthalate	14.00	163	532827	8.922	ng/ul	98
74) Fluoranthene	19.33	202	199757	1.724	ng/ul#	97
77) Pyrene	19.70	202	288989	3.020	ng/ul#	92
80) Benzo(a)anthracene	21.43	228	226429	2.163	ng/ul	99
82) Chrysene	21.49	228	269281	2.845	ng/ul	96
85) Benzo(b)fluoranthene	23.07	252	640071	6.260	ng/ul	98
86) Benzo(k)fluoranthene	23.12	252	218648m	2.238	ng/ul	
88) Benzo(a)pyrene	23.69	252	323812	3.195	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.17	276	299972	2.343	ng/ul#	98
91) Benzo(g,h,i)perylene	26.91	276	248988	2.360	ng/ul	99

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

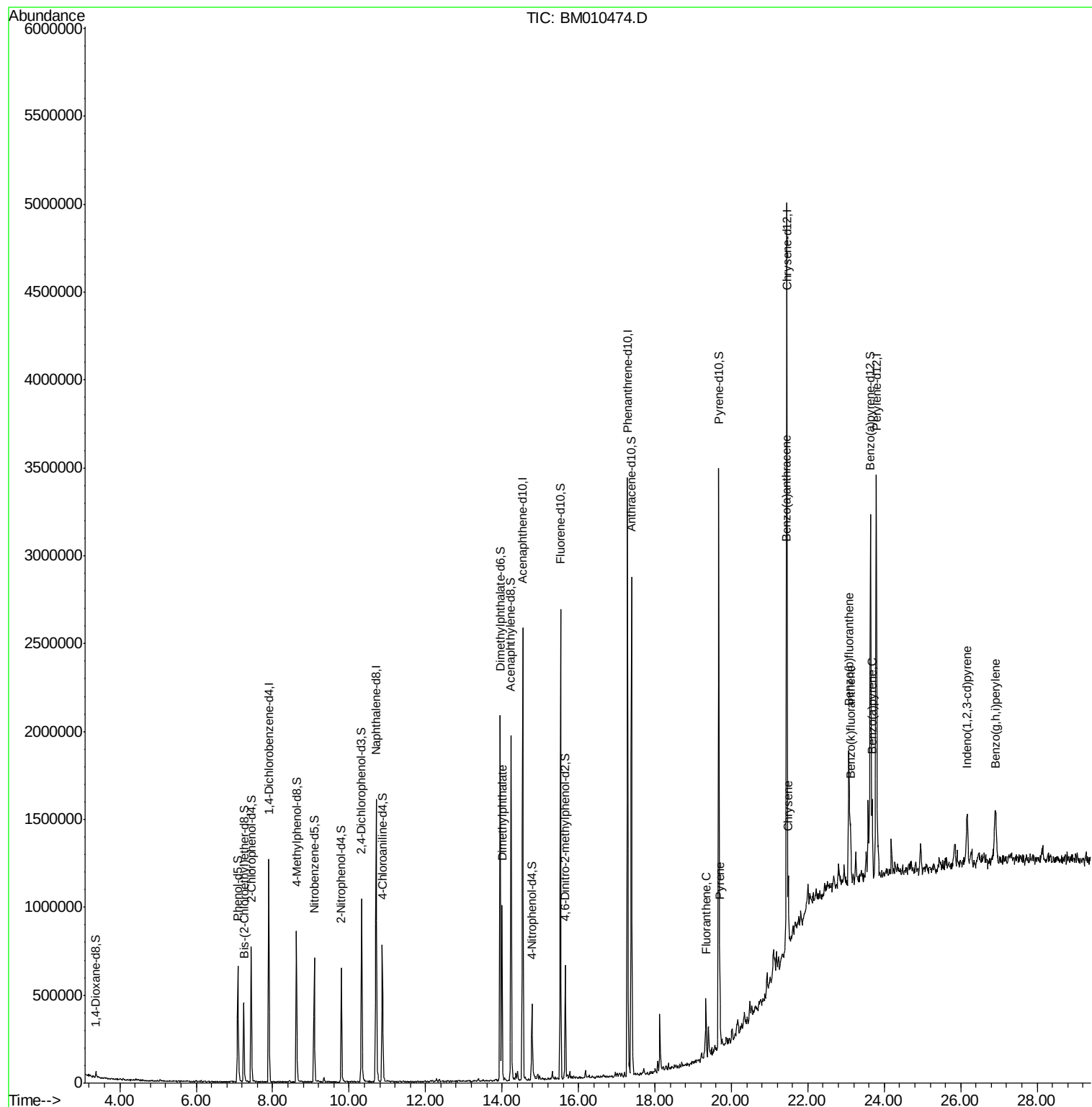
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010474.D
Acq On : 10 Jun 2017 03:27
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ALS Vial : 29 Sample Multiplier: 1

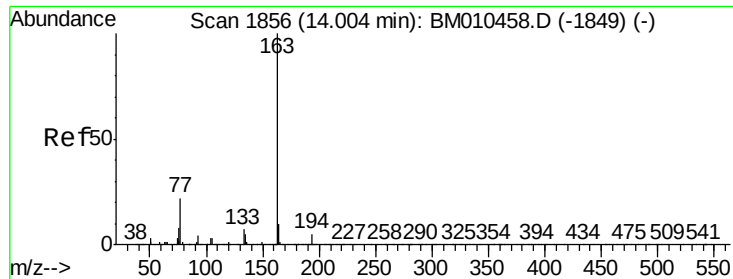
Instrument :
BNA_M
ClientSampled :
F5B71

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Quant Time: Jun 10 04:23:15 2017
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Quant Title : SVOA CALIBRATION
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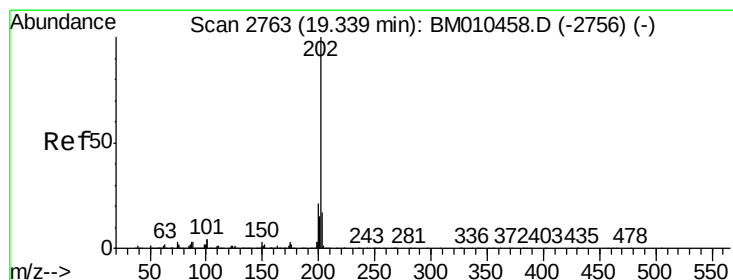
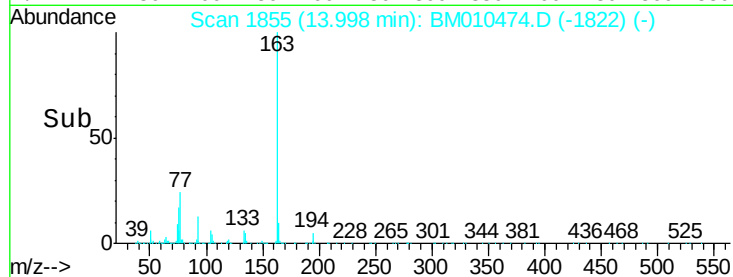
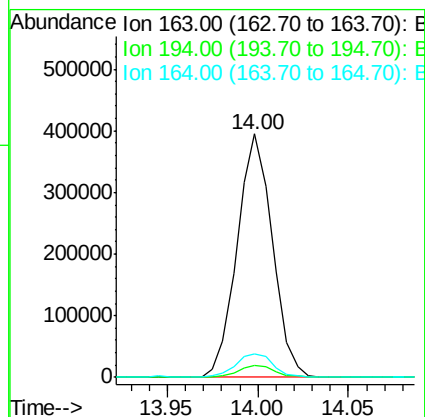
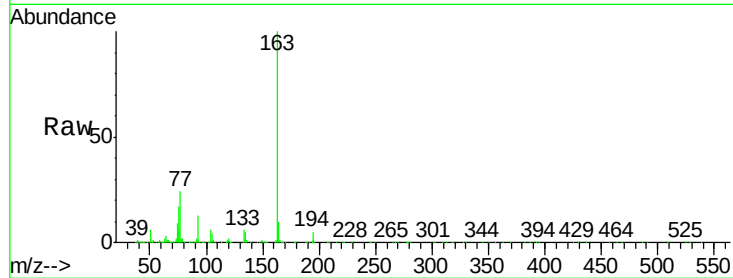
#44
Dimethylphthalate
Concen: 8.922 ng/ul
RT: 14.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM010474.D
Acq: 10 Jun 2017 03:27

Instrument :
BNA_M
ClientSampleId :
F5B71

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	5.0	3.5	5.3
164	9.6	8.2	12.4

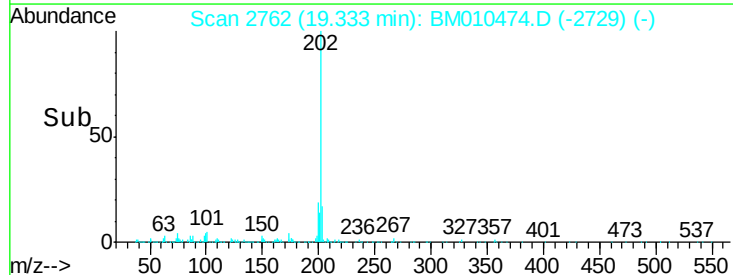
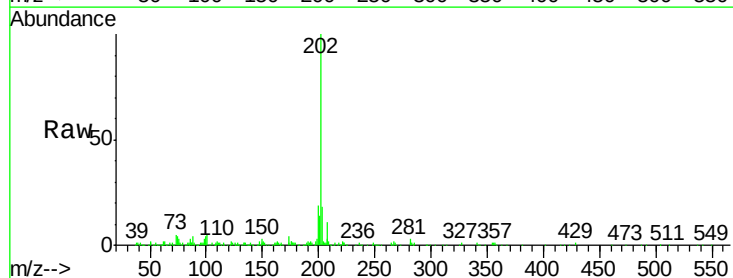
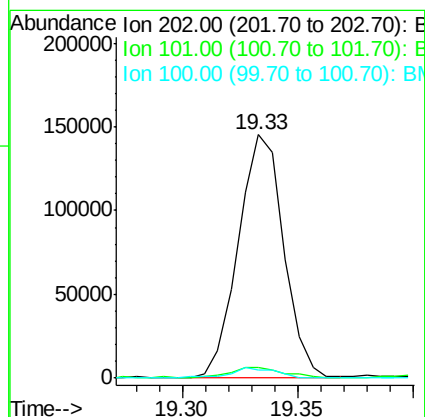
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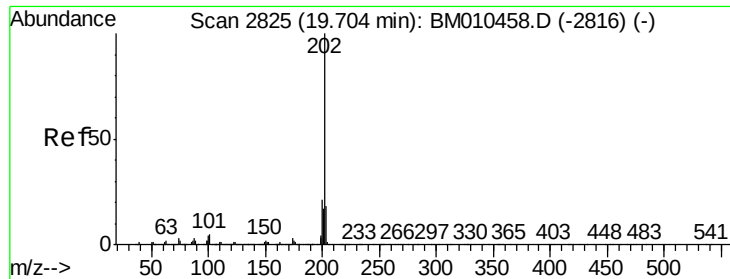
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#74
Fluoranthene
Concen: 1.724 ng/ul
RT: 19.33 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM010474.D
Acq: 10 Jun 2017 03:27

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	4.6	4.6	7.0#
100	3.5	3.4	5.2





#77

Pyrene

Concen: 3.020 ng/ul

RT: 19.70 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

Instrument :

BNA_M

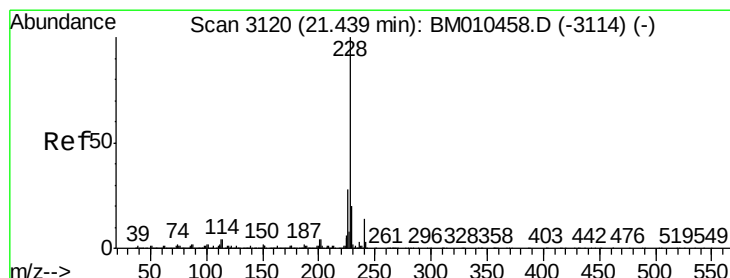
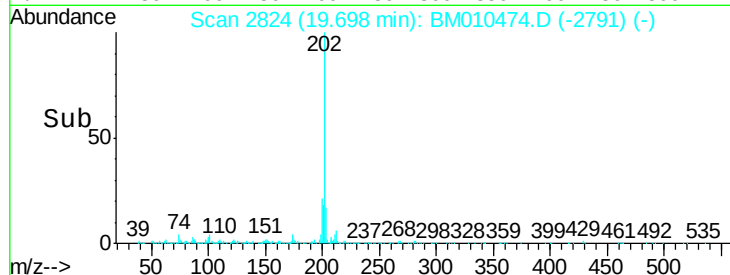
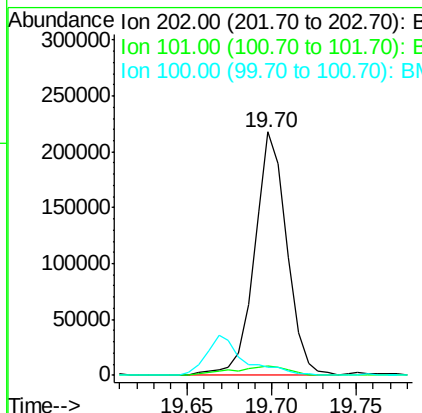
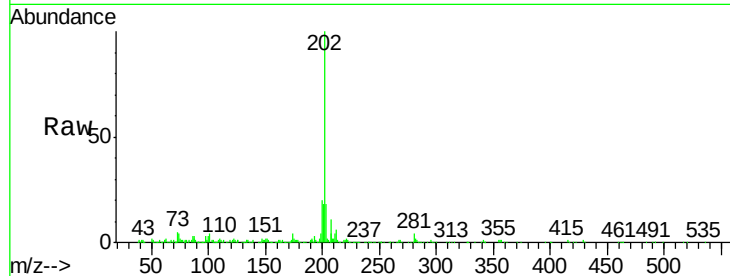
ClientSampled :

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	4.0	5.1	7.7#
100	3.4	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 2.163 ng/ul

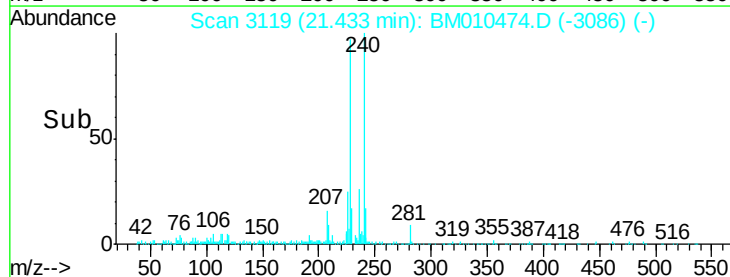
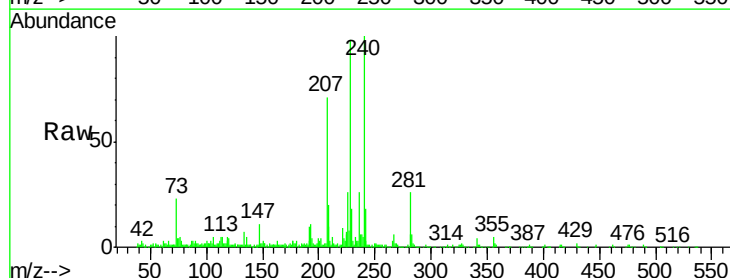
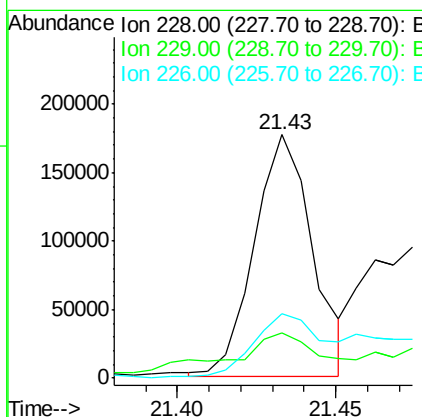
RT: 21.43 min Scan# 3119

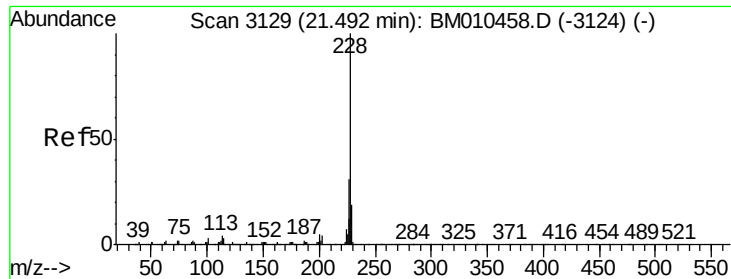
Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	18.6	15.4	23.0
226	26.7	21.4	32.0





#82

Chrysene

Concen: 2.845 ng/ul

RT: 21.49 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

Instrument :

BNA_M

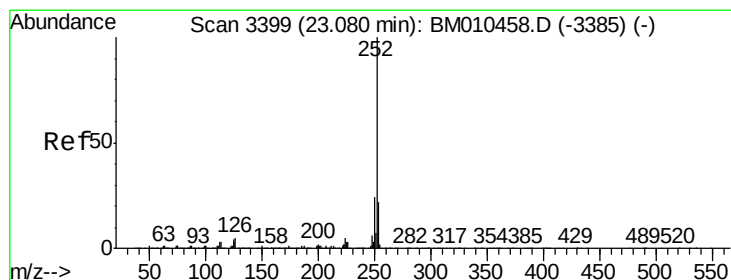
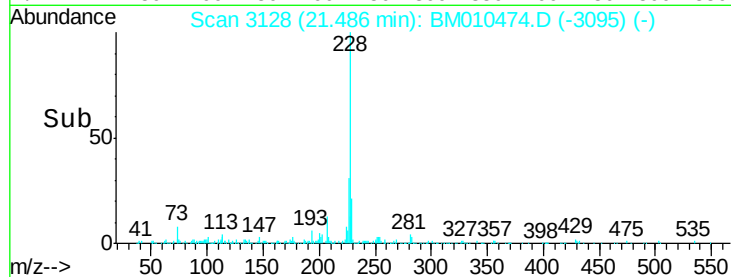
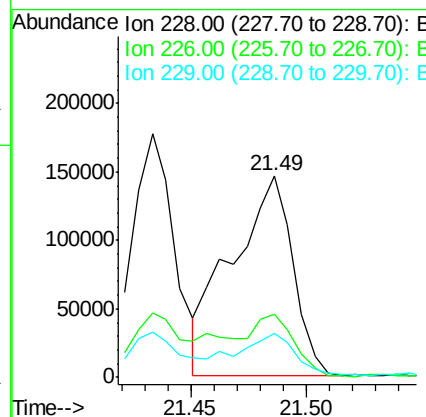
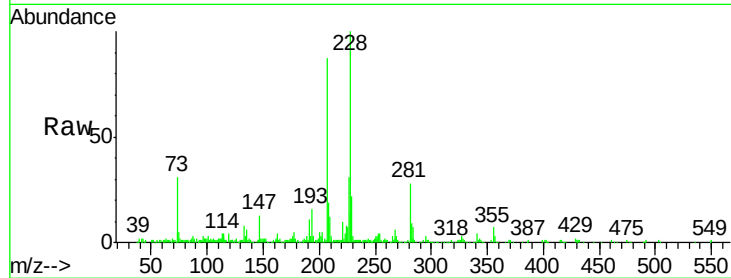
ClientSampleId :

F5B71

Tgt Ion:	228	Resp:	269281
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.2
229	21.7	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 6.260 ng/ul

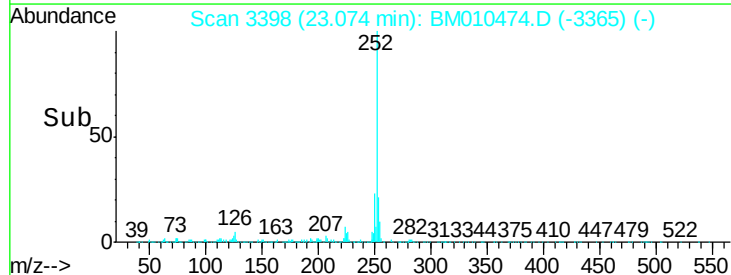
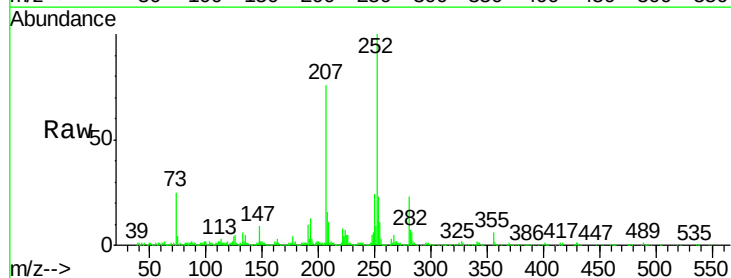
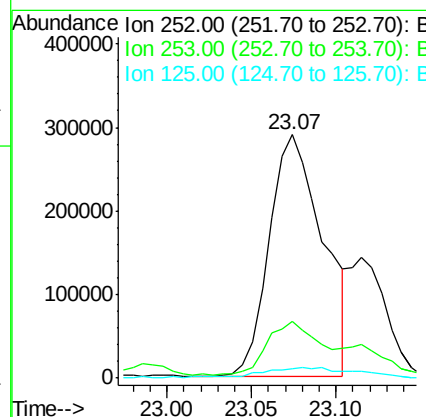
RT: 23.07 min Scan# 3398

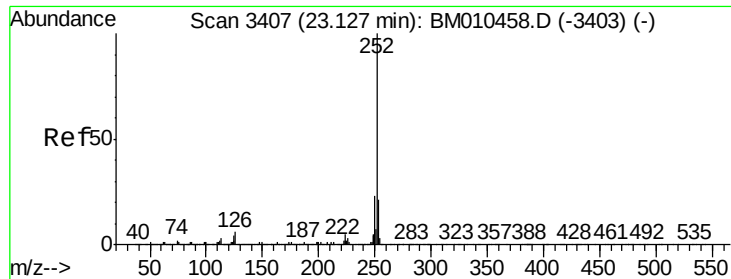
Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

Tgt Ion:	252	Resp:	640071
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.9	26.9
125	3.7	3.6	5.4





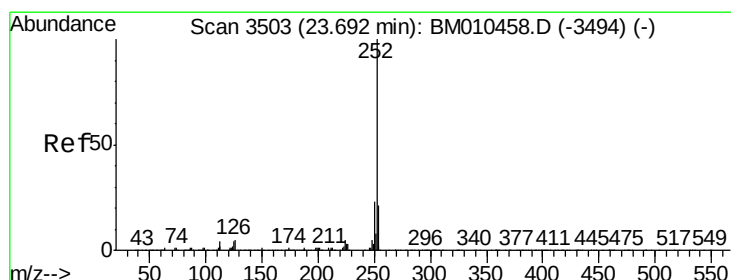
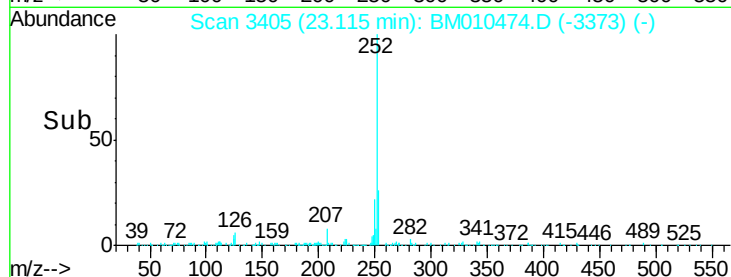
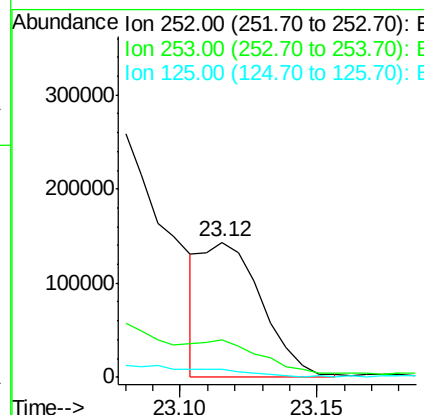
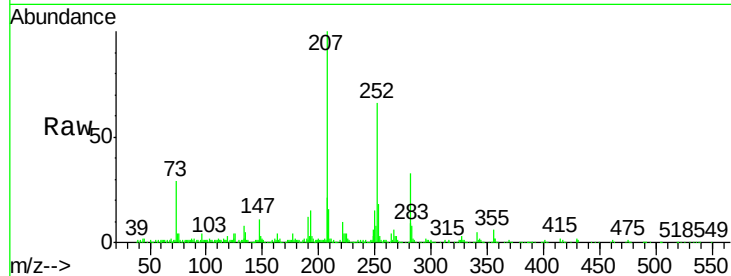
#86
Benzo(k)fluoranthene
Concen: 2.238 ng/ul m
RT: 23.12 min Scan# 3405
Delta R.T. -0.01 min
Lab File: BM010474.D
Acq: 10 Jun 2017 03:27

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	218648		
253	27.7	17.1	25.7#	
125	6.0	3.4	5.2#	

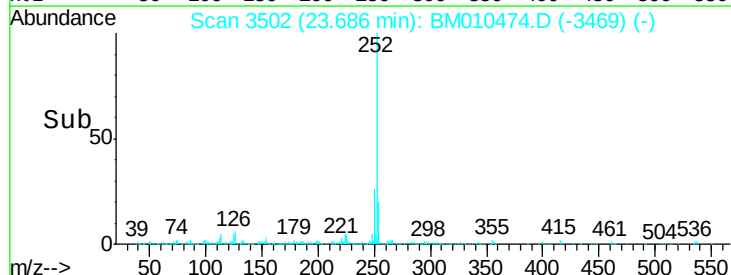
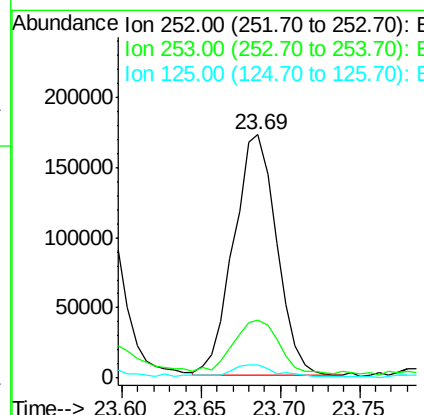
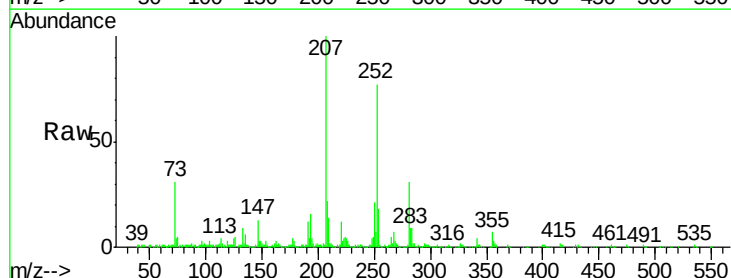
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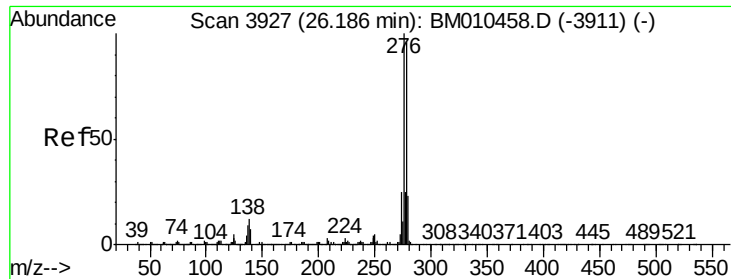
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#88
Benzo(a)pyrene
Concen: 3.195 ng/ul
RT: 23.69 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BM010474.D
Acq: 10 Jun 2017 03:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	323812		
253	23.7	18.2	27.2	
125	5.4	4.0	6.0	





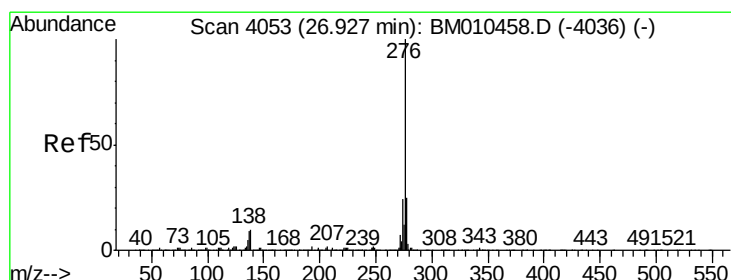
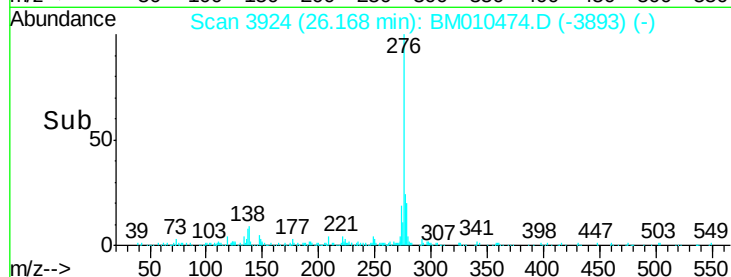
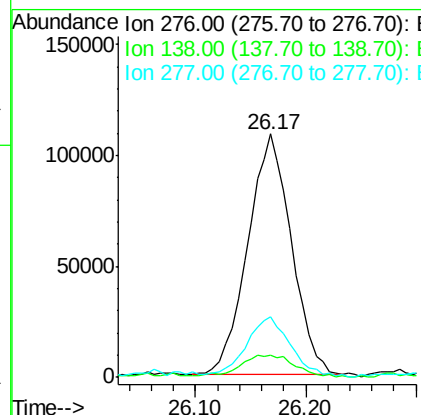
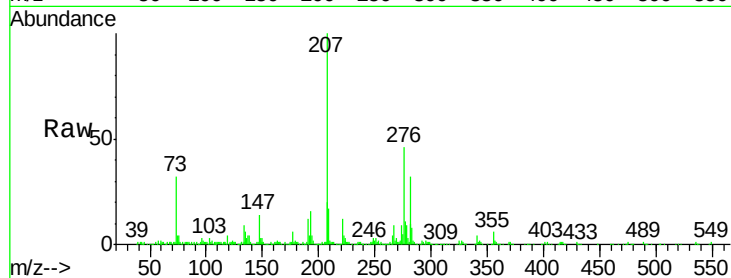
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.343 ng/ul
 RT: 26.17 min Scan# 3924
 Delta R.T. -0.02 min
 Lab File: BM010474.D
 Acq: 10 Jun 2017 03:27

Instrument :
 BNA_M
 ClientSampleId :
 F5B71

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	9.2	9.3	13.9#
277	24.8	19.9	29.9

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#91
 Benzo(g,h,i)perylene
 Concen: 2.360 ng/ul
 RT: 26.91 min Scan# 4050
 Delta R.T. -0.02 min
 Lab File: BM010474.D
 Acq: 10 Jun 2017 03:27

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	11.1	8.5	12.7
277	23.7	18.6	28.0

