

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060717\
 Data File : BM010431.D
 Acq On : 07 Jun 2017 13:31
 Operator : SJ/MA
 Sample : I3446-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDC46

Manual Integrations
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Quant Time: Jun 08 01:48:07 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 08 01:22:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	235795	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	779235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	492032	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1137565	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1657472	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1852090	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	22200	3.86	ng/uL	0.00
5) Phenol-d5	7.10	99	350259	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	201452	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	319821	22.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	293070	20.33	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	140185	24.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	163122	24.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.34	165	327684	24.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	337430	25.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	1030013	25.20	ng/ul	0.00
46) Acenaphthylene-d8	14.25	160	1146782	24.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	99423	16.26	ng/ul	0.00
57) Fluorene-d10	15.54	176	872150	24.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	152788	18.96	ng/ul	0.00
70) Anthracene-d10	17.39	188	1390222	25.12	ng/ul	0.00
76) Pyrene-d10	19.68	212	1733401	25.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.65	264	2105493	24.42	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	14.00	163	327755	8.152	ng/ul	99
69) Phenanthrene	17.33	178	353264	5.817	ng/ul	98
74) Fluoranthene	19.34	202	855959	11.462	ng/ul#	97
77) Pyrene	19.71	202	681278	7.976	ng/ul#	95
80) Benzo(a)anthracene	21.44	228	305052	3.264	ng/ul	98
82) Chrysene	21.49	228	379847m	4.496	ng/ul	
85) Benzo(b)fluoranthene	23.09	252	515455	4.783	ng/ul	97
86) Benzo(k)fluoranthene	23.13	252	170067	1.652	ng/ul	95
88) Benzo(a)pyrene	23.70	252	338128	3.165	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.19	276	257979	1.911	ng/ul	97
91) Benzo(g,h,i)perylene	26.93	276	223609	2.011	ng/ul#	87

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

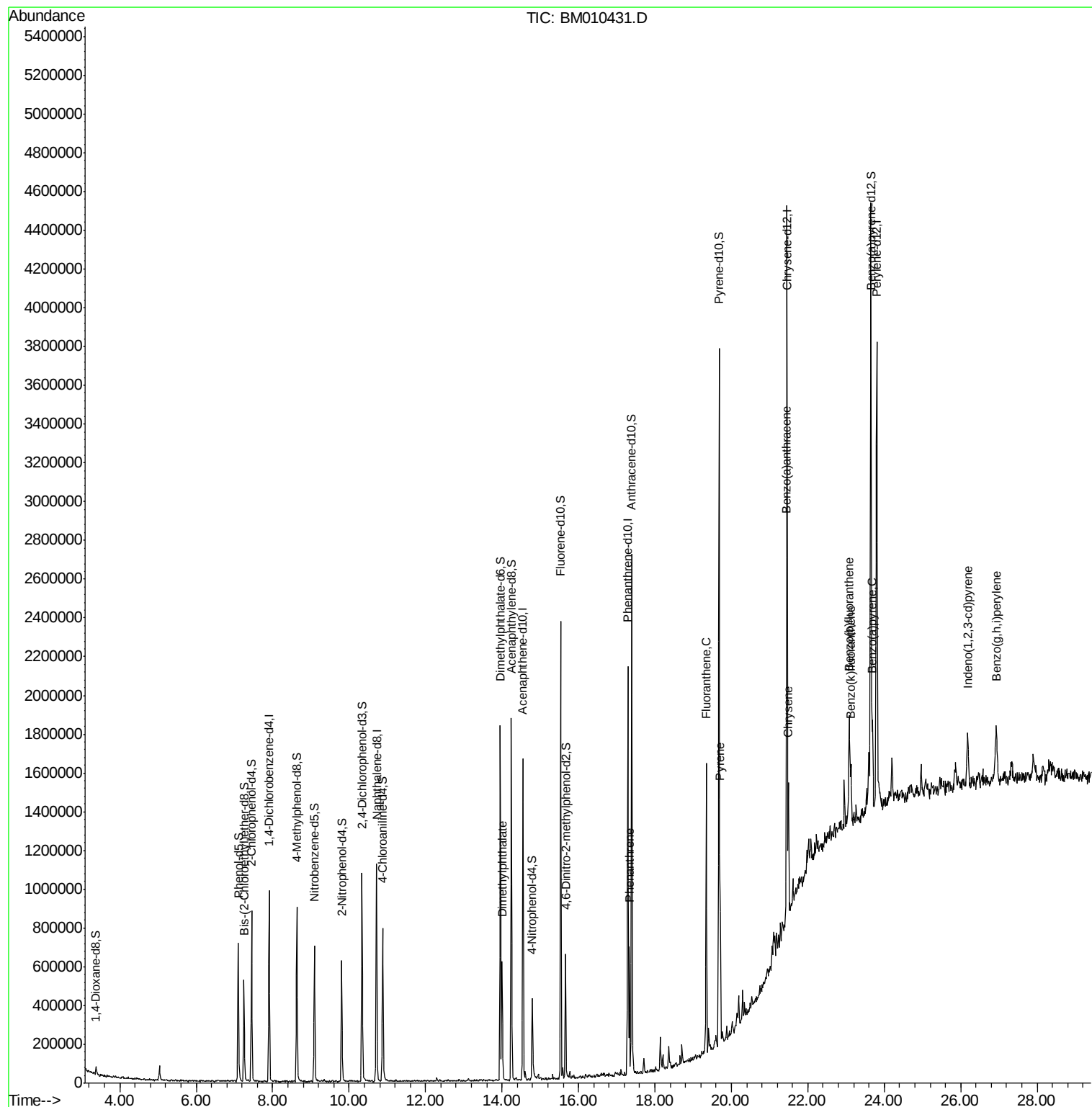
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060717\
Data File : BM010431.D
Acq On : 07 Jun 2017 13:31
Operator : SJ/MA
Sample : I3446-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

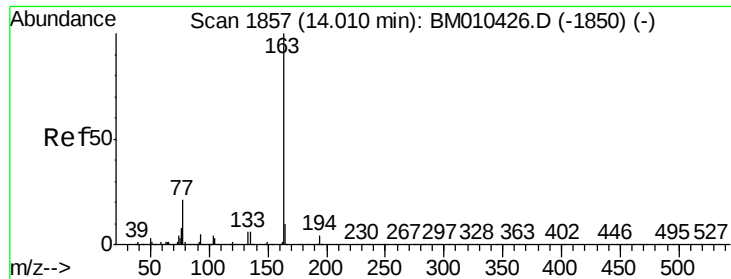
Instrument :
BNA_M
ClientSampleId :
BDC46

Quant Time: Jun 08 01:48:07 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 08 01:22:27 2017
Response via : Initial Calibration

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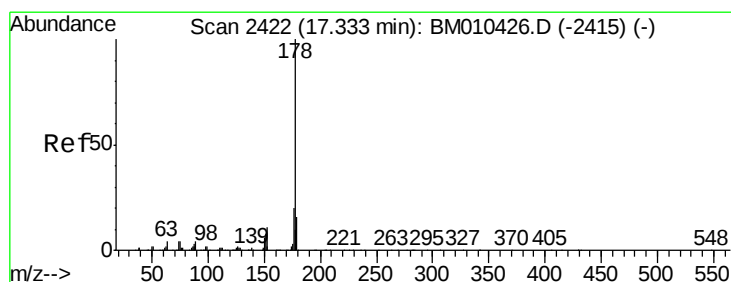
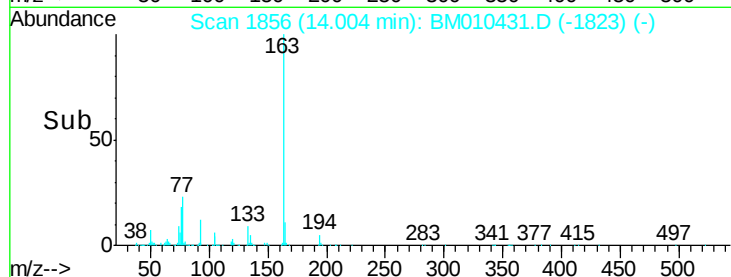
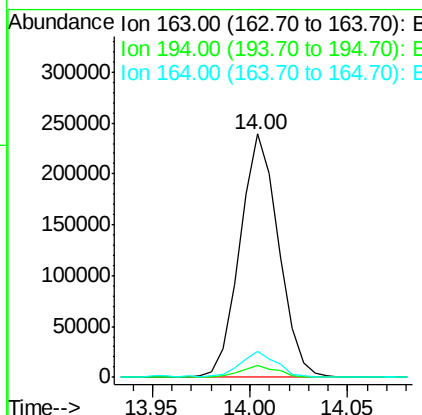
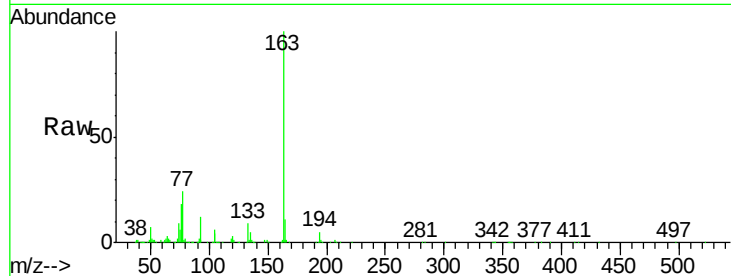
#44
Dimethylphthalate
Concen: 8.152 ng/ul
RT: 14.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM010431.D
Acq: 07 Jun 2017 13:31

Instrument :
BNA_M
ClientSampleId :
BDC46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.7	8.2	12.4

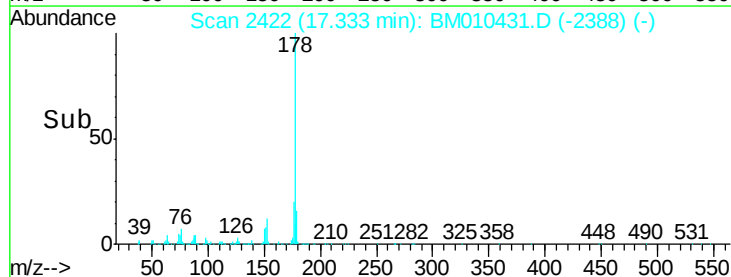
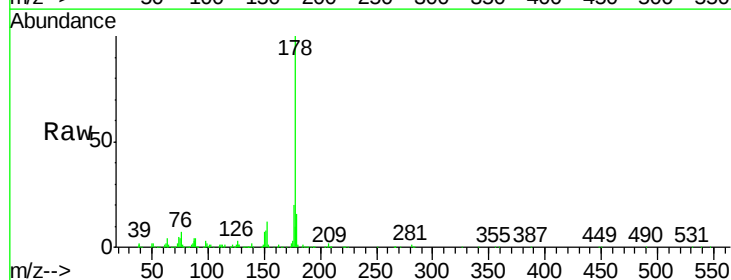
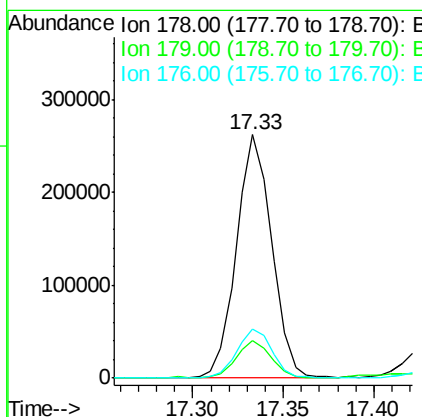
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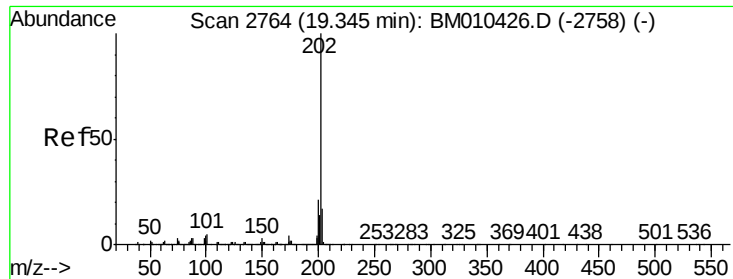
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#69
Phenanthrene
Concen: 5.817 ng/ul
RT: 17.33 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BM010431.D
Acq: 07 Jun 2017 13:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	20.0	14.9	22.3





#74

Fluoranthene

Concen: 11.462 ng/ul

RT: 19.34 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

Instrument :

BNA_M

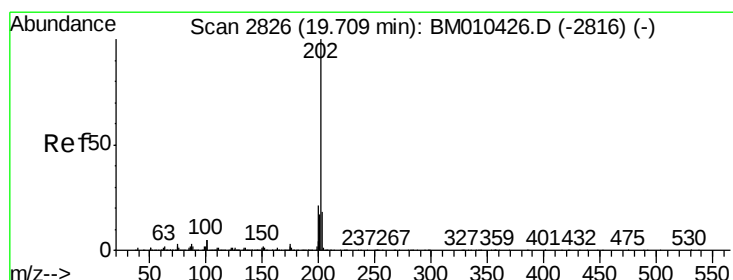
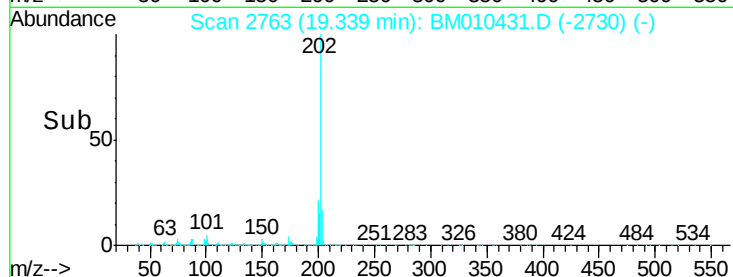
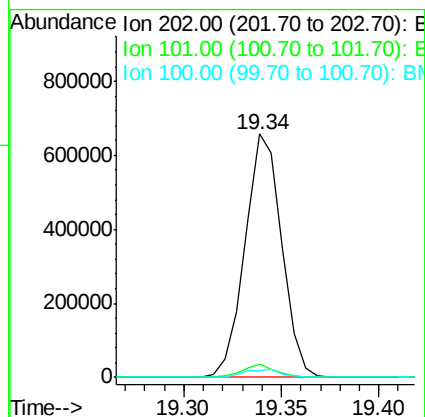
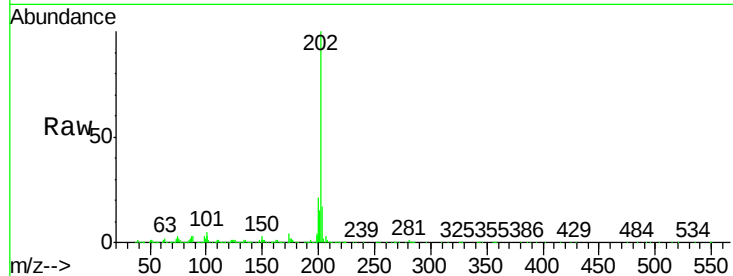
ClientSampleId :

BDC46

Tgt Ion:	202	Resp:	855959
Ion Ratio	Lower	Upper	
202	100		
101	5.2	4.6	7.0
100	3.0	3.4	5.2#

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#77

Pyrene

Concen: 7.976 ng/ul

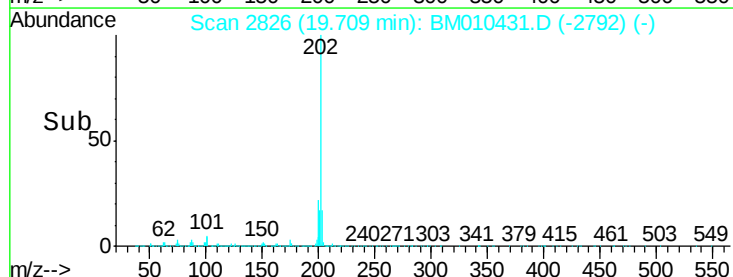
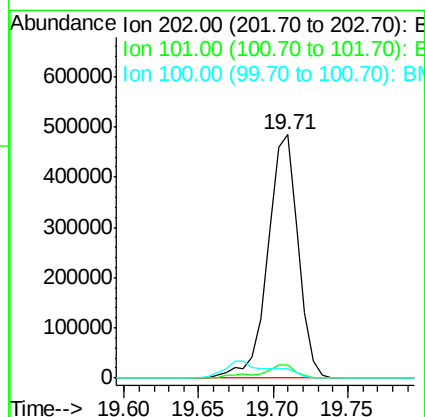
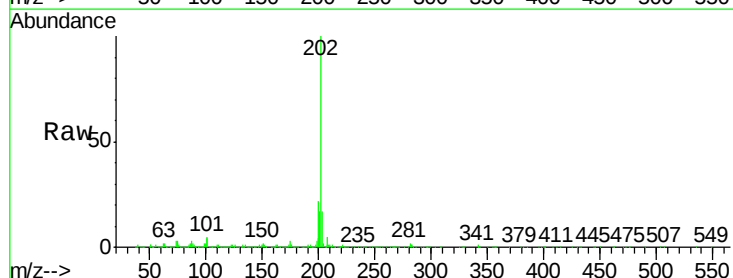
RT: 19.71 min Scan# 2826

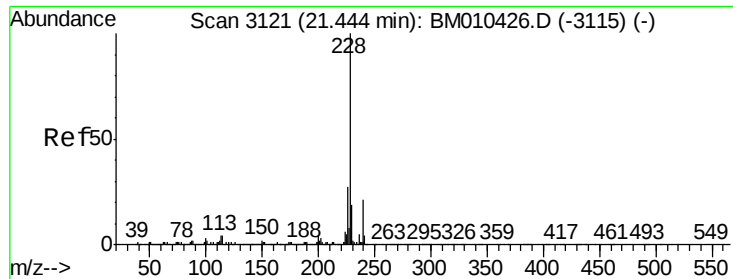
Delta R.T. 0.00 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

Tgt Ion:	202	Resp:	681278
Ion Ratio	Lower	Upper	
202	100		
101	5.2	5.1	7.7
100	4.0	4.9	7.3#





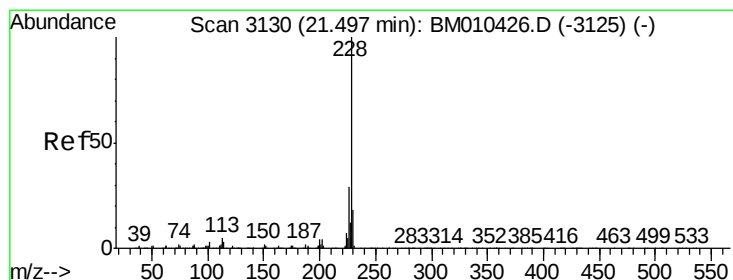
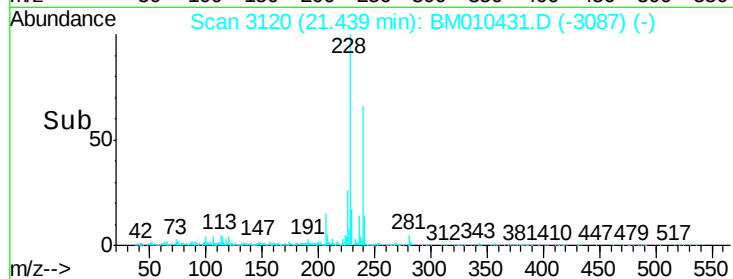
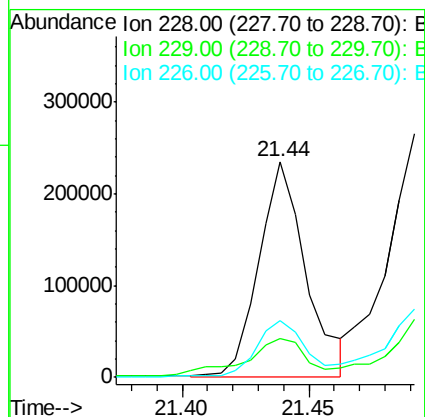
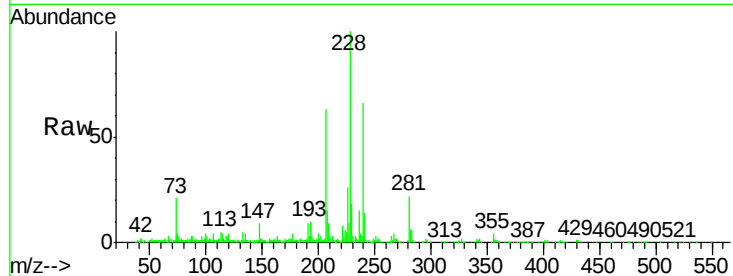
#80
Benzo(a)anthracene
Concen: 3.264 ng/ul
RT: 21.44 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM010431.D
Acq: 07 Jun 2017 13:31

Instrument :
BNA_M
ClientSampleId :
BDC46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.7	15.4	23.0
226	26.3	21.4	32.0

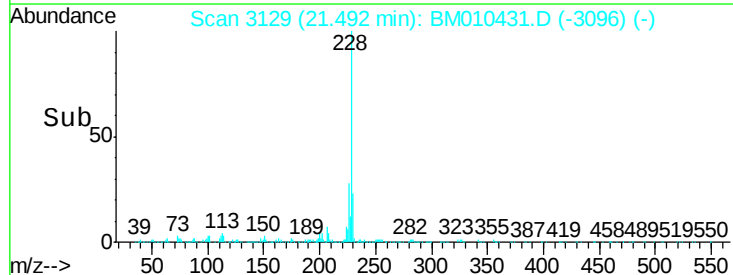
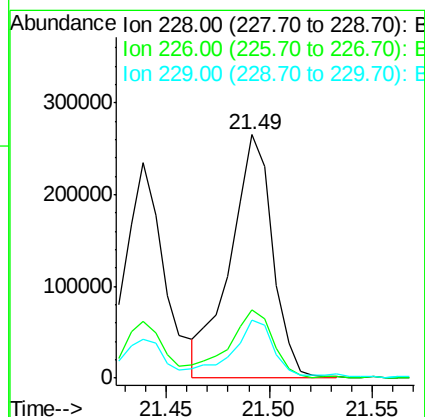
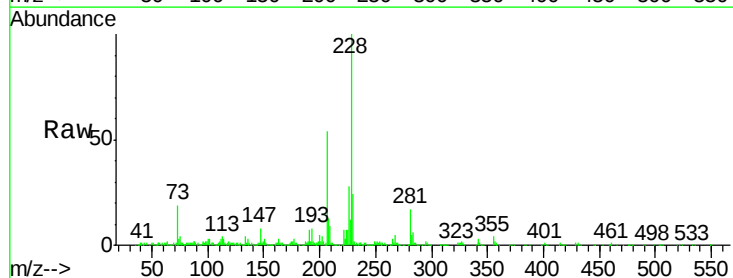
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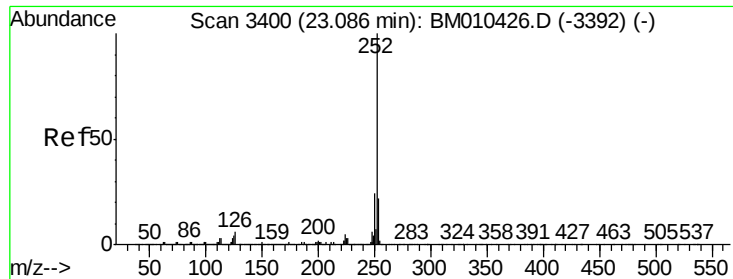
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#82
Chrysene
Concen: 4.496 ng/ul m
RT: 21.49 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM010431.D
Acq: 07 Jun 2017 13:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	23.9	15.5	23.3#





#85

Benzo(b)fluoranthene

Concen: 4.783 ng/u1

RT: 23.09 min Scan# 3400

Delta R.T. 0.00 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

Instrument :

BNA_M

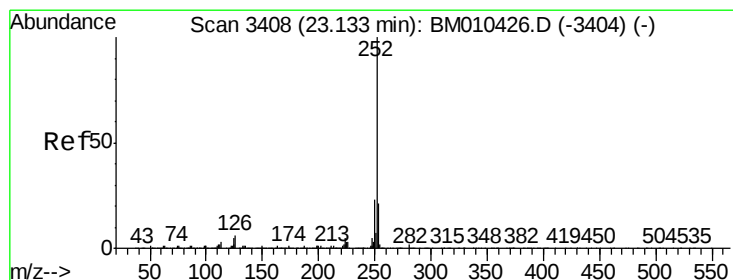
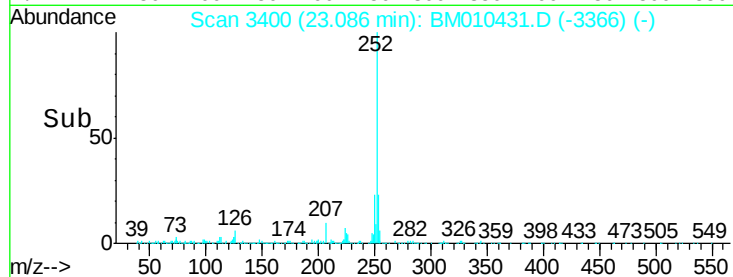
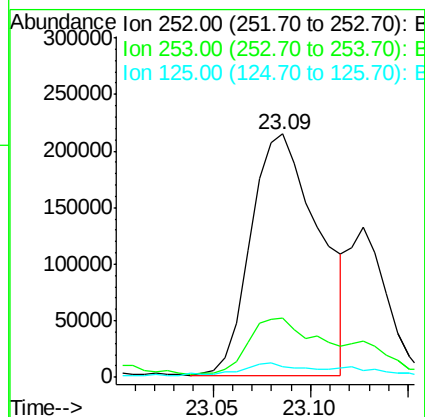
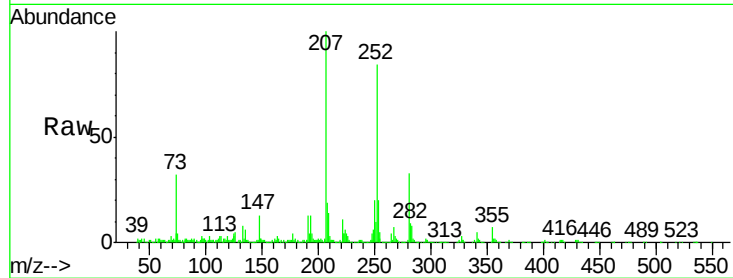
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	515455		
253	24.2	17.9	26.9	
125	4.3	3.6	5.4	

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#86

Benzo(k)fluoranthene

Concen: 1.652 ng/u1

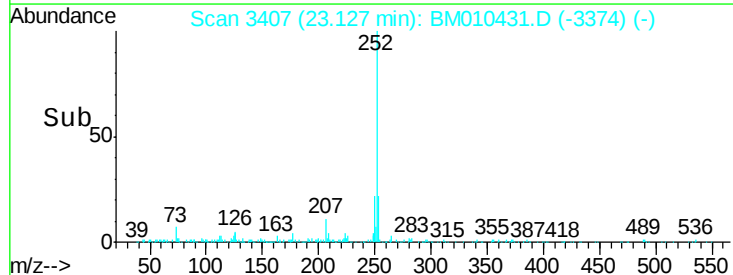
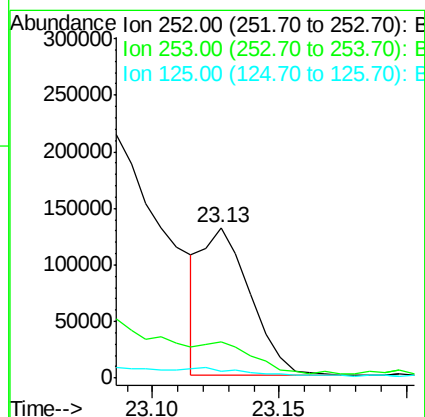
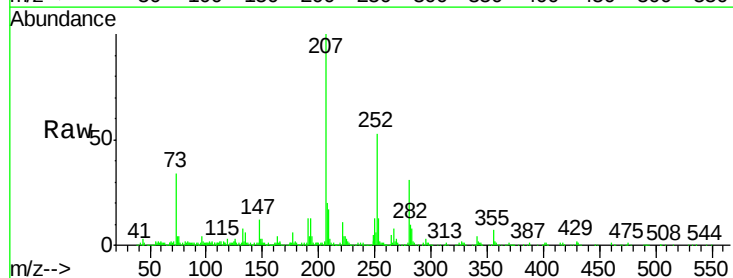
RT: 23.13 min Scan# 3407

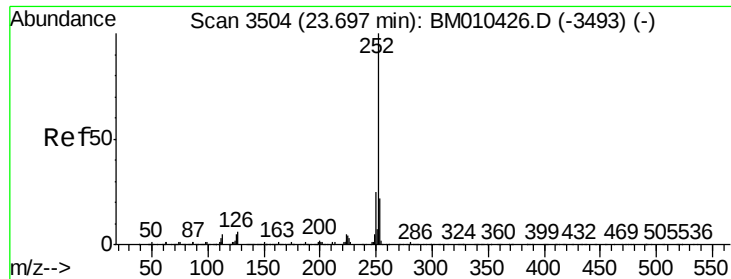
Delta R.T. -0.01 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	170067		
253	24.2	17.1	25.7	
125	4.6	3.4	5.2	





#88

Benzo(a)pyrene

Concen: 3.165 ng/ul

RT: 23.70 min Scan# 3504

Delta R.T. 0.00 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

Instrument :

BNA_M

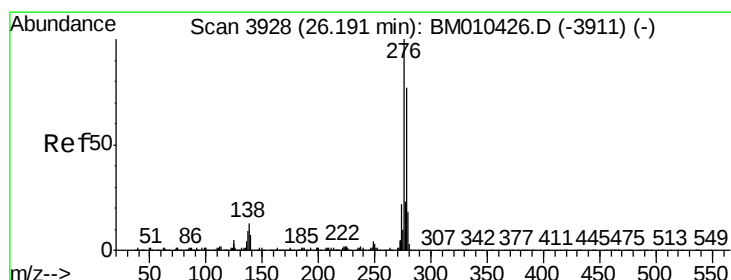
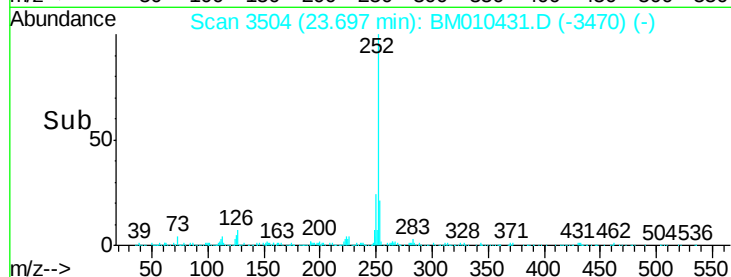
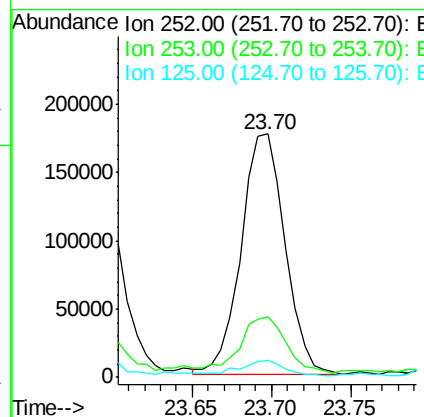
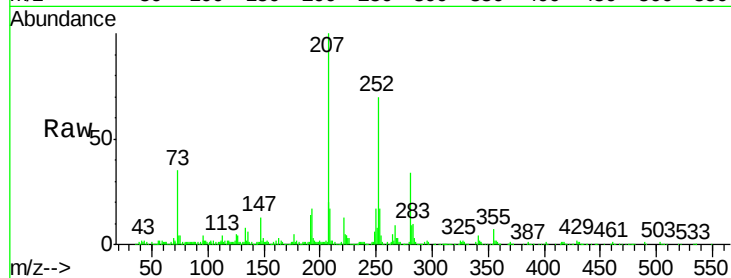
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	338128		
253	24.9	18.2	27.2	
125	6.9	4.0	6.0	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.911 ng/ul

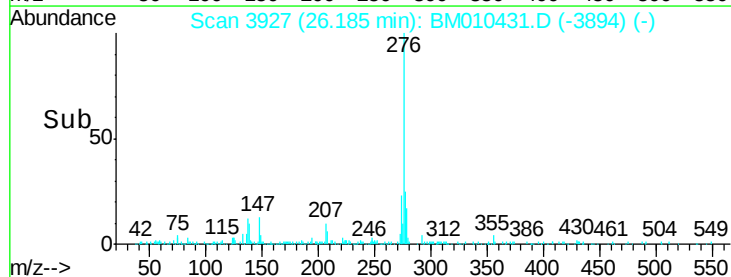
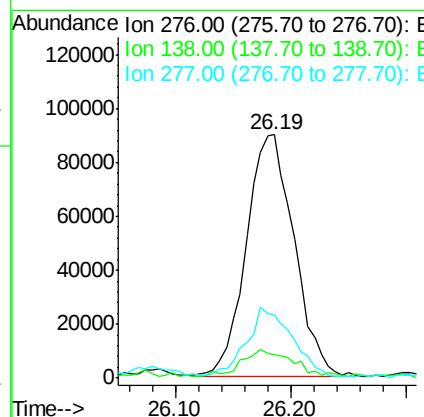
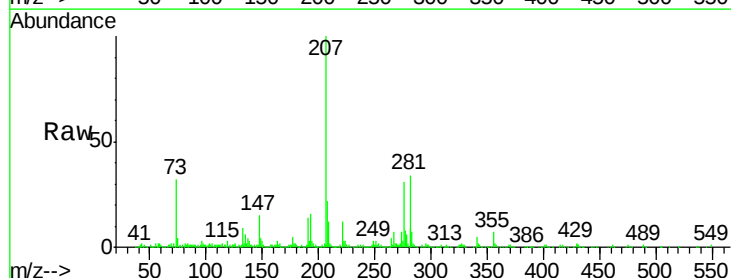
RT: 26.19 min Scan# 3927

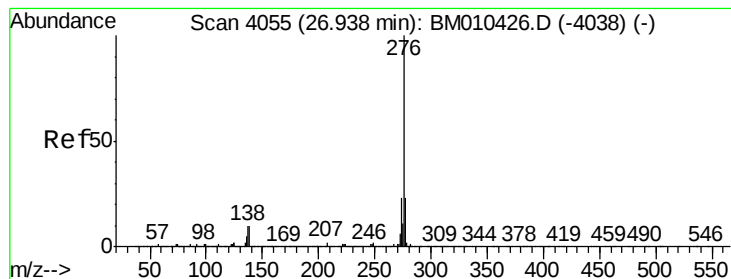
Delta R.T. -0.01 min

Lab File: BM010431.D

Acq: 07 Jun 2017 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	257979		
138	9.8	9.3	13.9	
277	25.9	19.9	29.9	





#91

Benzo(g,h,i)perylene

Concen: 2.011 ng/ul

RT: 26.93 min Scan# 4053

Delta R.T. -0.01 min

Lab File: BM010431.D

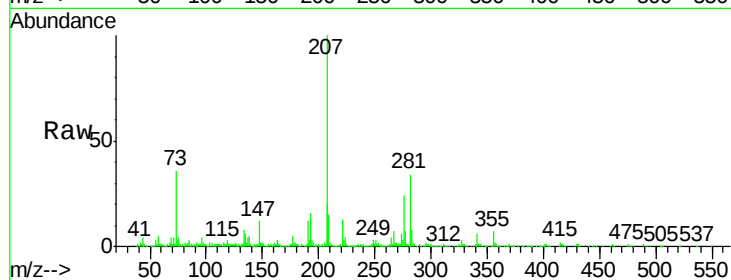
Acq: 07 Jun 2017 13:31

Instrument :

BNA_M

ClientSampleId :

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Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
138	19.2	8.5	12.7#		
277	27.2	18.6	28.0		

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