

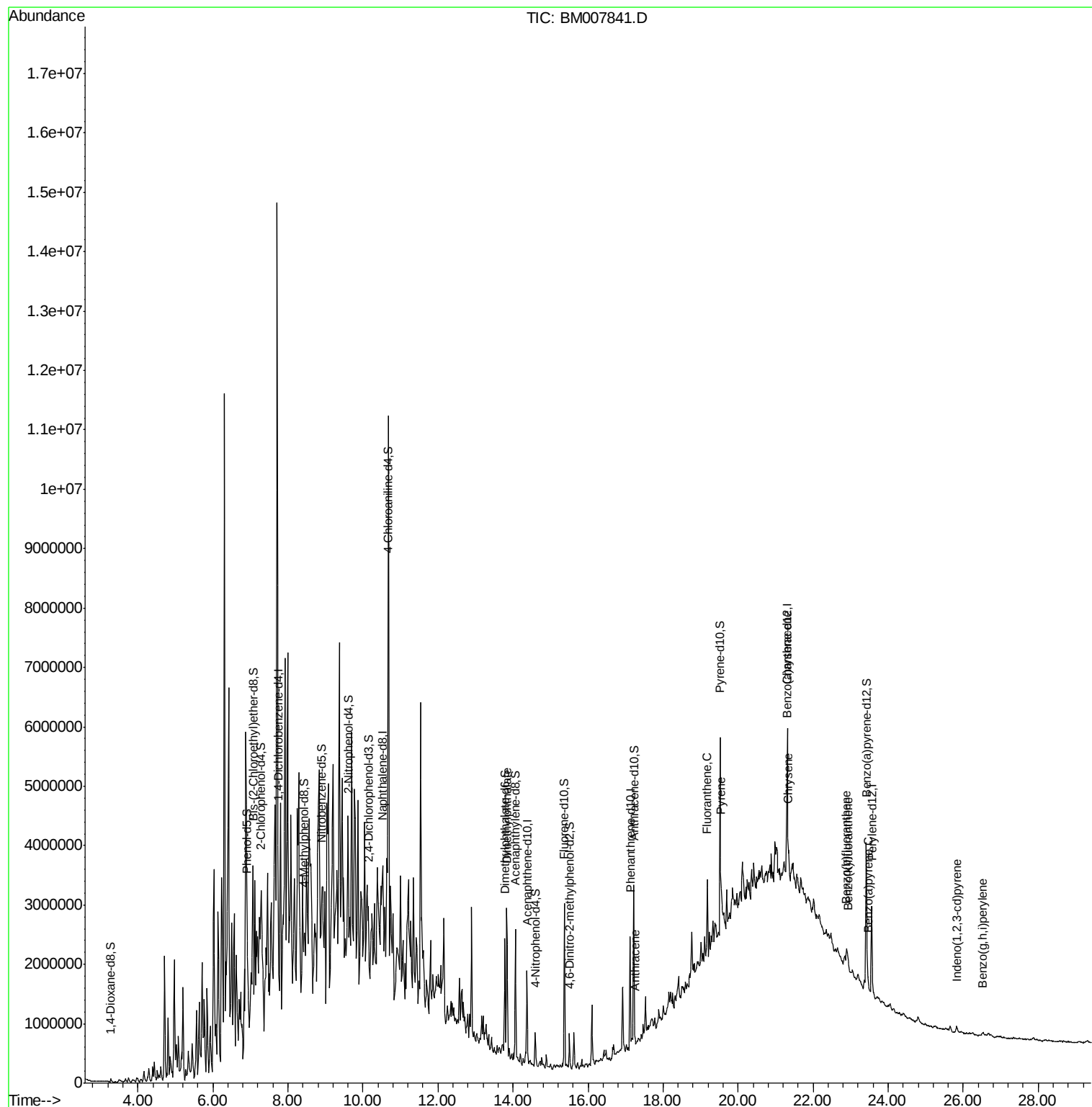
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007841.D
Acq On : 12 Nov 2016 00:16
Operator : UM/SJ
Sample : H5610-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

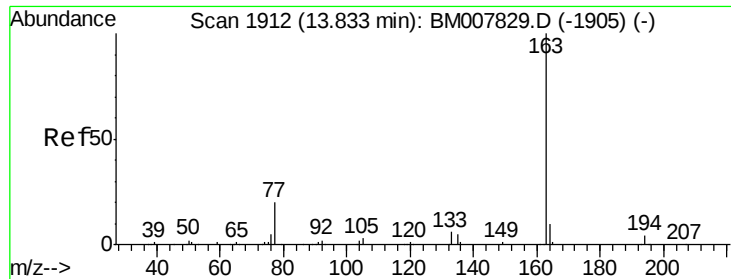
Instrument :
BNA_M
ClientSampleId :
BD4M6

Manual Integrations
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11/14/2016 6:38:51 PM

Quant Time: Nov 12 04:39:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 12 03:12:55 2016
Response via : Initial Calibration





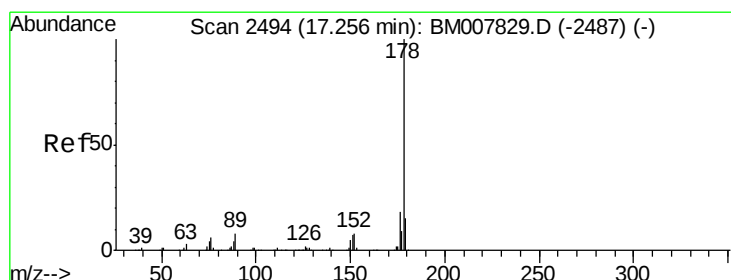
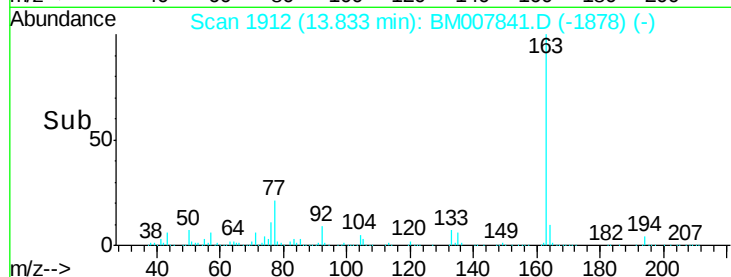
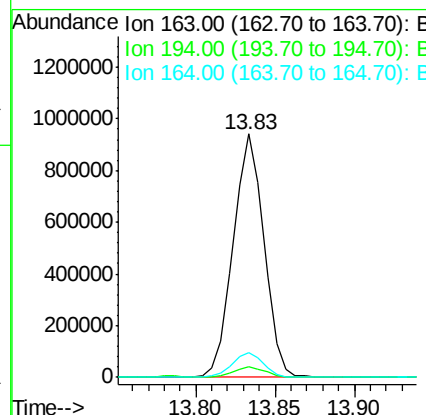
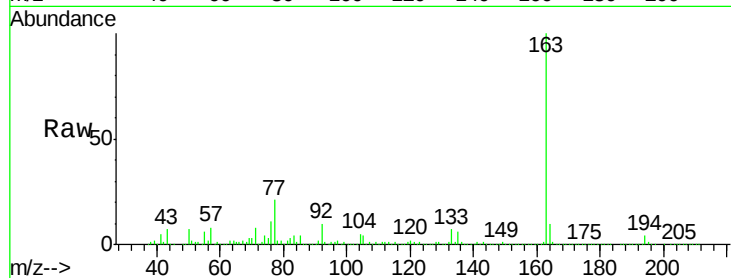
#44
Dimethylphthalate
Concen: 35.96 ng/ul
RT: 13.83 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM007841.D
Acq: 12 Nov 2016 00:16

Instrument :
BNA_M
ClientSampleId :
BD4M6

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	7.8	11.8

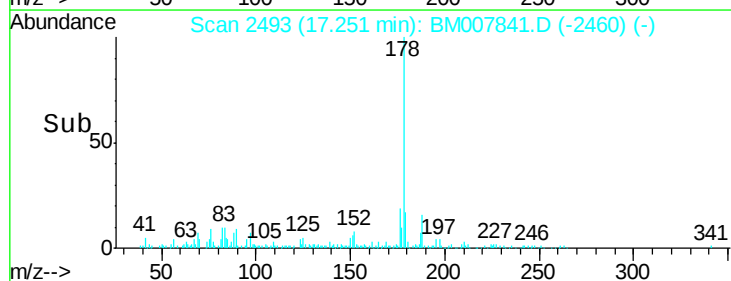
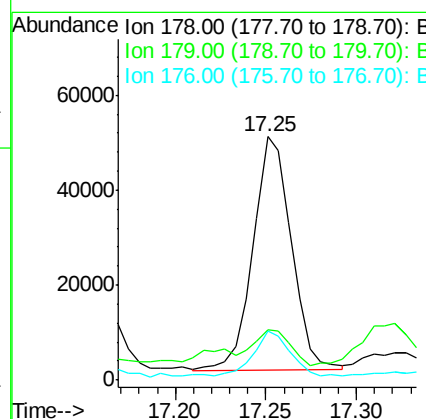
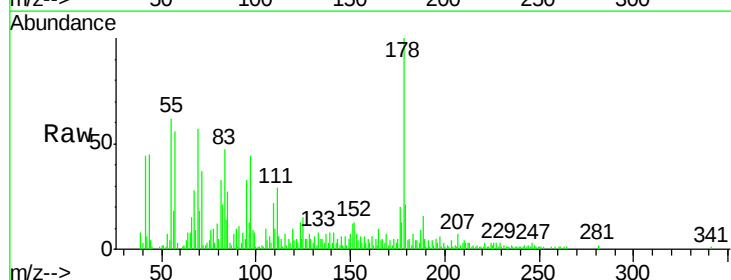
Manual Integrations
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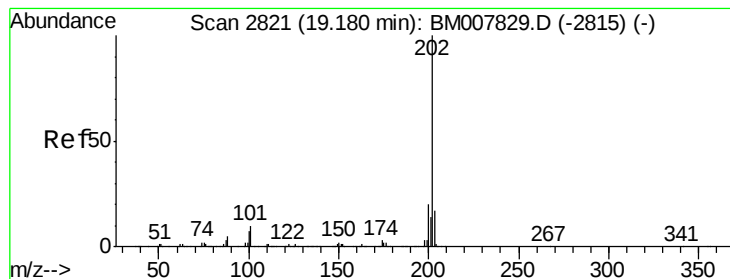
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#71
Anthracene
Concen: 1.35 ng/ul
RT: 17.25 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BM007841.D
Acq: 12 Nov 2016 00:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.7	12.1	18.1#
176	20.1	14.5	21.7





#74

Fluoranthene

Concen: 12.83 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM007841.D

Acq: 12 Nov 2016 00:16

Instrument :

BNA_M

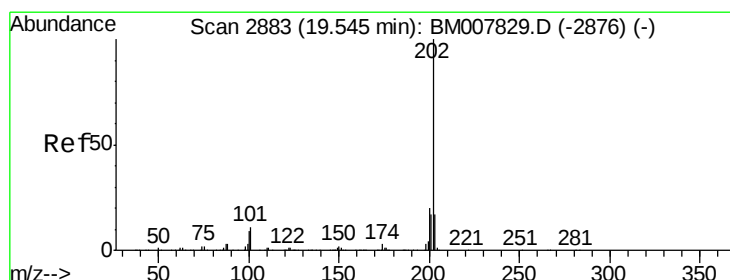
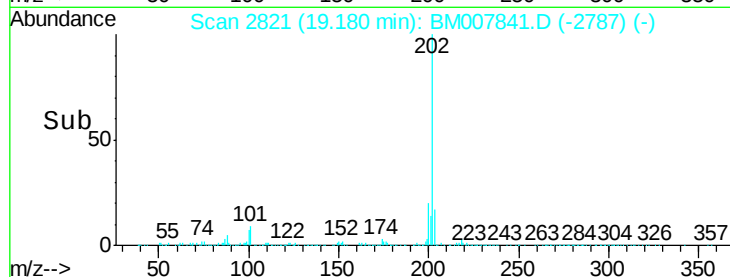
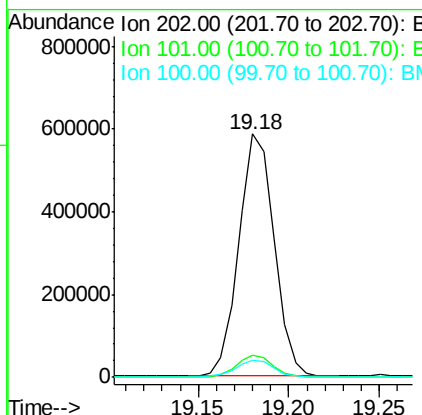
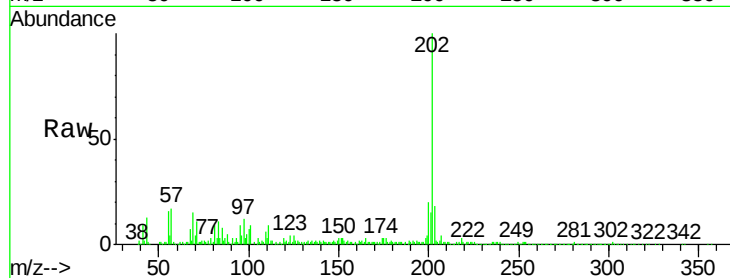
ClientSampleId :

BD4M6

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		795202		
101	9.3	6.9	10.3		
100	7.0	5.4	8.0		

Manual Integrations
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#77

Pyrene

Concen: 12.70 ng/ul

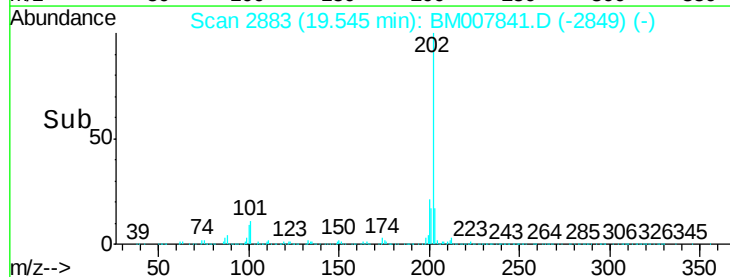
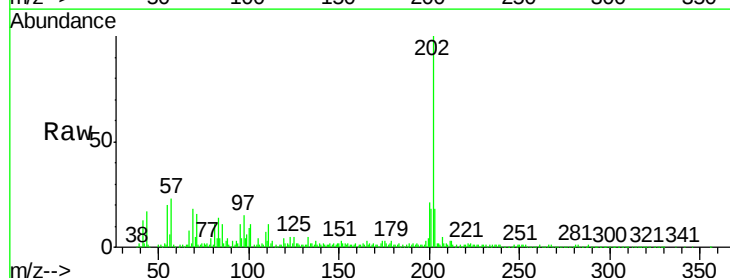
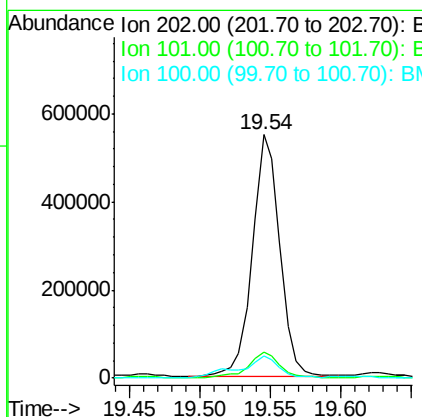
RT: 19.54 min Scan# 2883

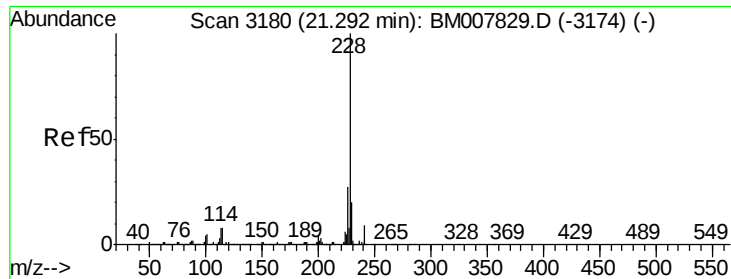
Delta R.T. 0.00 min

Lab File: BM007841.D

Acq: 12 Nov 2016 00:16

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		745775		
101	10.9	8.4	12.6		
100	8.9	6.9	10.3		





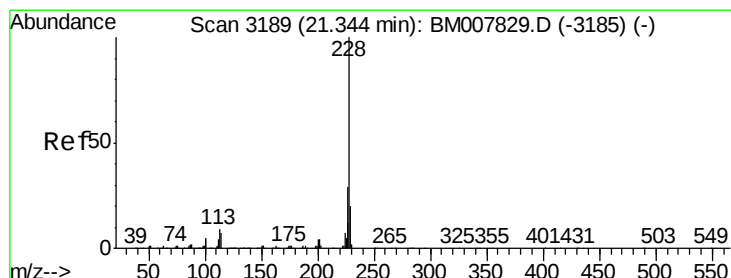
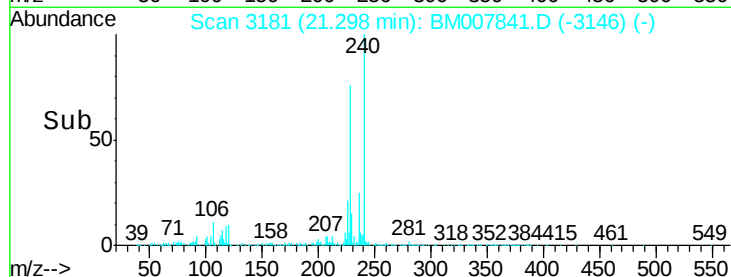
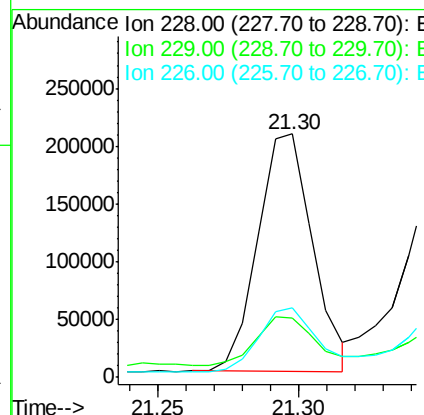
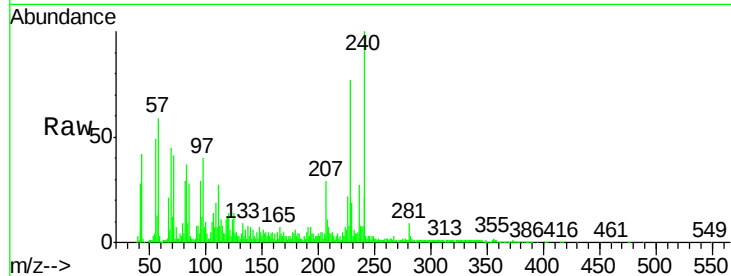
#80
Benzo(a)anthracene
Concen: 4.55 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BM007841.D
Acq: 12 Nov 2016 00:16

Instrument :
BNA_M
ClientSampleId :
BD4M6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.6	23.4#
226	28.7	21.8	32.8

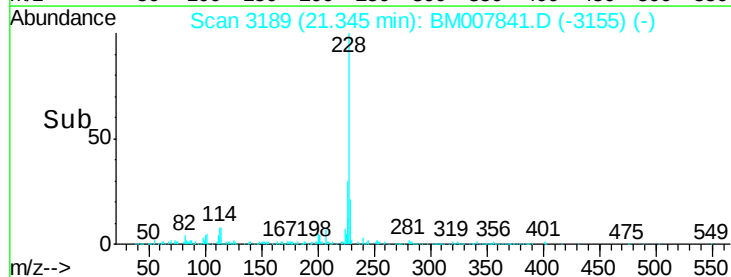
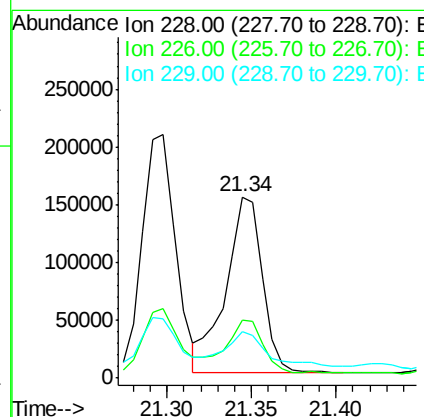
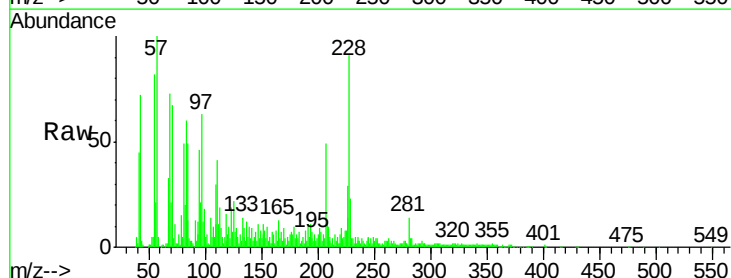
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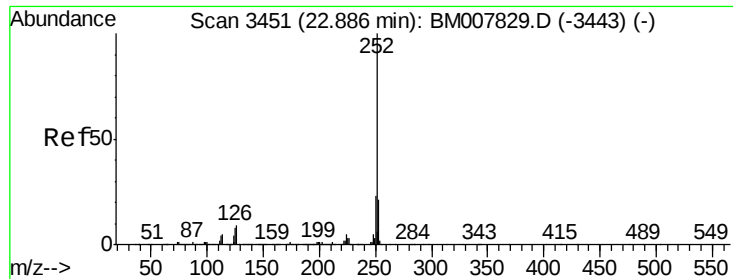
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#82
Chrysene
Concen: 3.92 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.00 min
Lab File: BM007841.D
Acq: 12 Nov 2016 00:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.2
229	25.4	15.5	23.3#





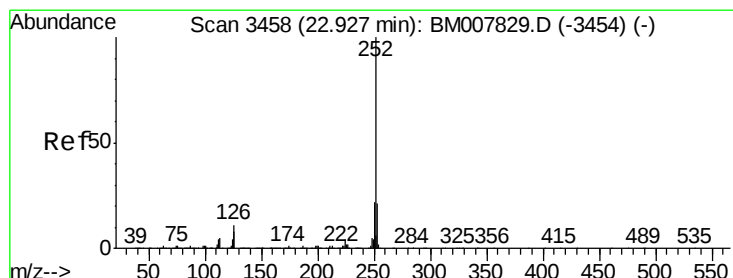
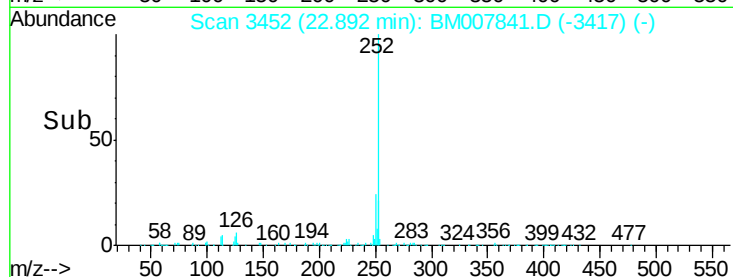
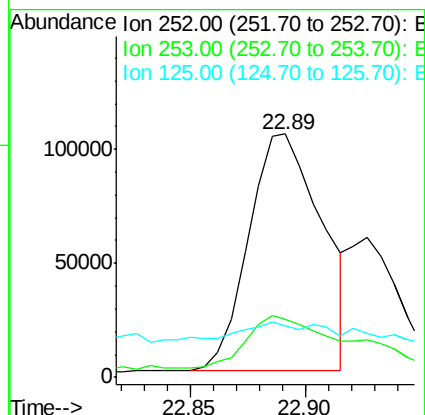
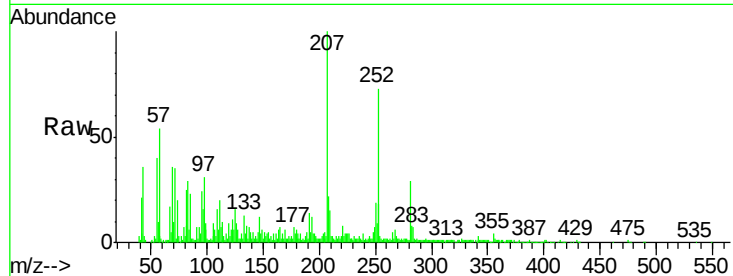
#85
Benzo(b)fluoranthene
Concen: 3.38 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM007841.D
Acq: 12 Nov 2016 00:16

Instrument :
BNA_M
ClientSampleId :
BD4M6

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.9	17.1	25.7
125	21.4	5.8	8.8#

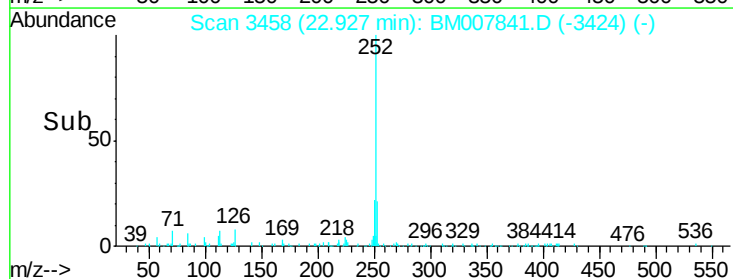
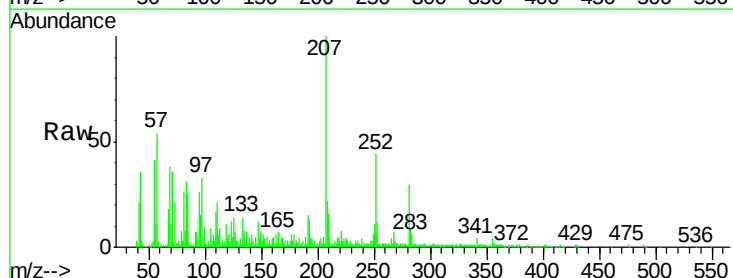
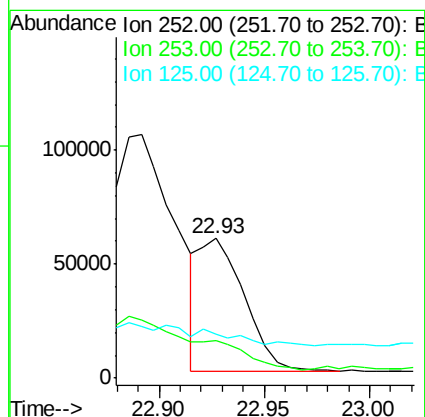
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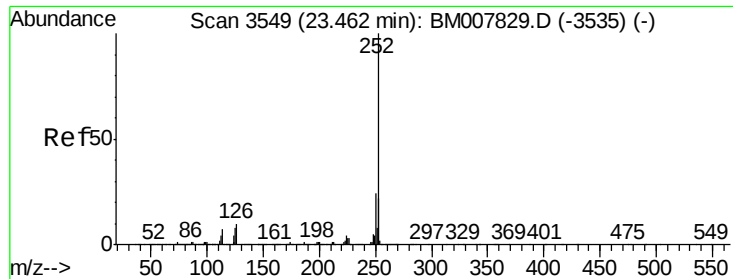
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#86
Benzo(k)fluoranthene
Concen: 1.39 ng/ul m
RT: 22.93 min Scan# 3458
Delta R.T. 0.00 min
Lab File: BM007841.D
Acq: 12 Nov 2016 00:16

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.2	17.6	26.4#
125	31.3	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 2.53 ng/ul

RT: 23.47 min Scan# 3550

Delta R.T. 0.01 min

Lab File: BM007841.D

Acq: 12 Nov 2016 00:16

Instrument :

BNA_M

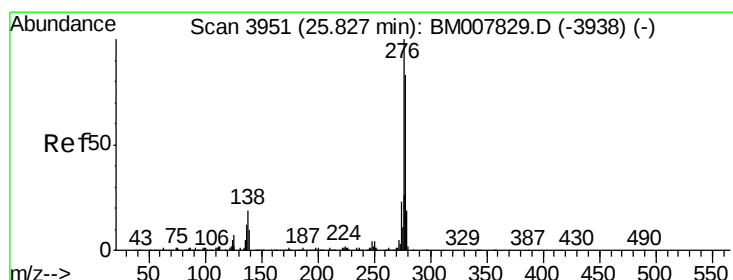
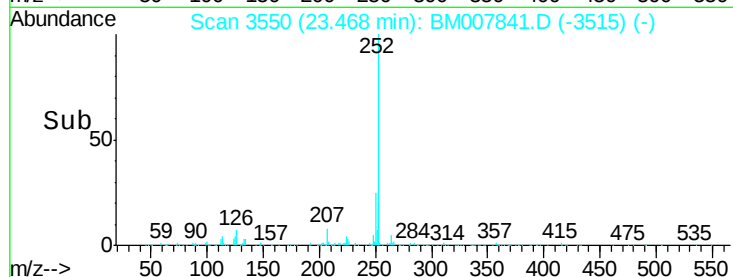
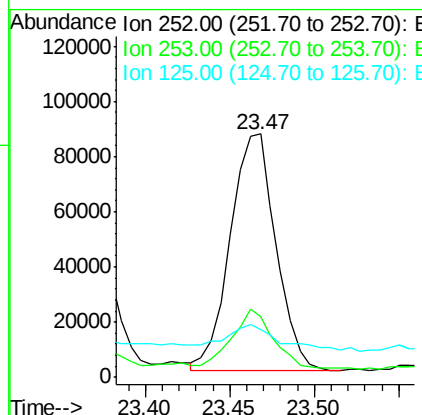
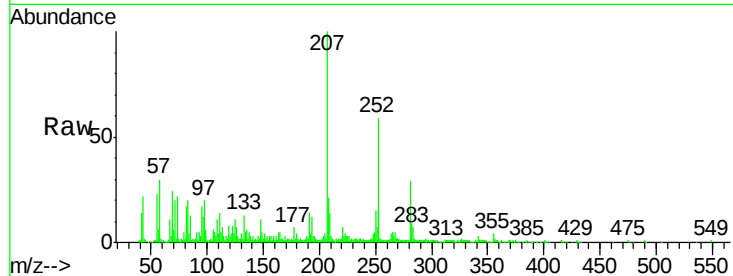
ClientSampleId :

BD4M6

Tgt Ion:	252	Resp:	161945
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.7	26.5
125	19.4	6.6	9.8#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.08 ng/ul

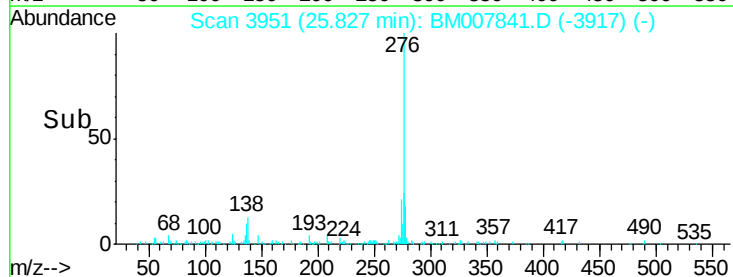
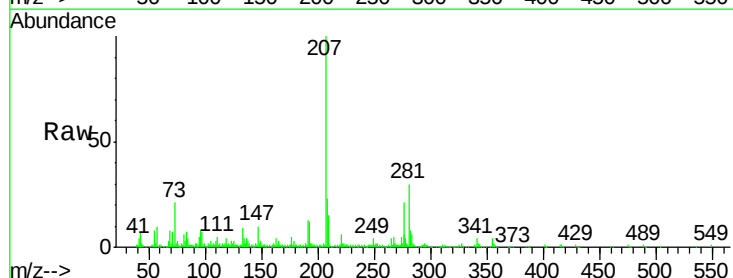
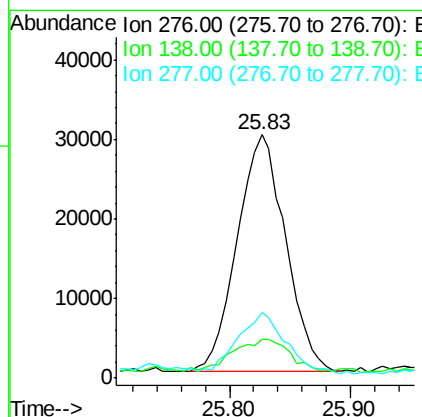
RT: 25.83 min Scan# 3951

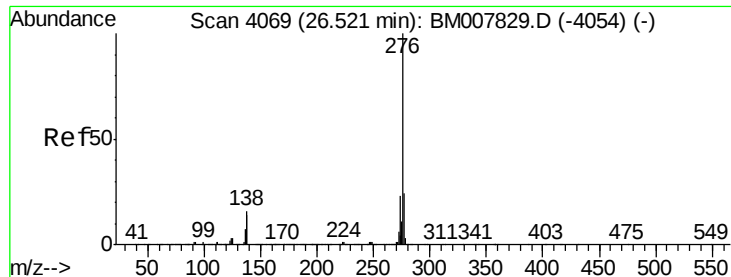
Delta R.T. 0.00 min

Lab File: BM007841.D

Acq: 12 Nov 2016 00:16

Tgt Ion:	276	Resp:	82950
Ion Ratio	Lower	Upper	
276	100		
138	16.1	13.9	20.9
277	26.7	20.1	30.1





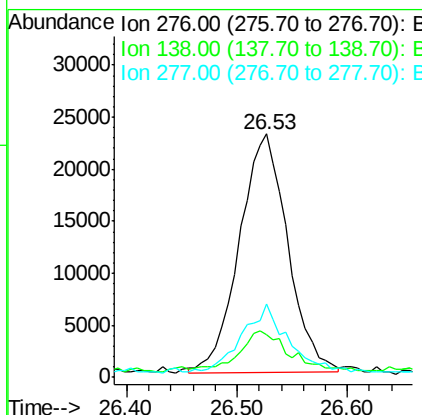
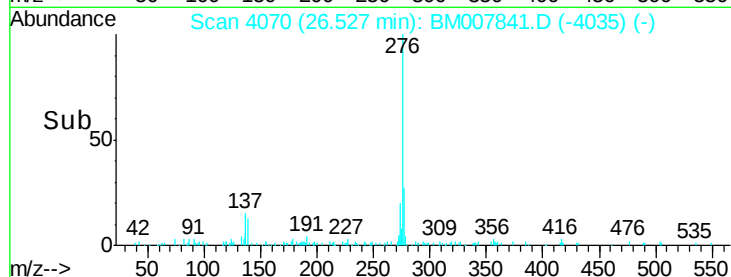
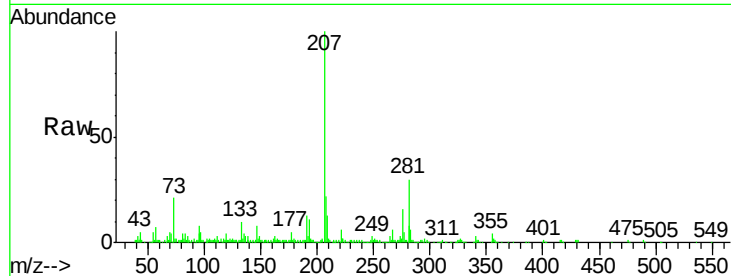
#91
 Benzo(g,h,i)perylene
 Concen: 1.10 ng/ul
 RT: 26.53 min Scan# 4070
 Delta R.T. 0.01 min
 Lab File: BM007841.D
 Acq: 12 Nov 2016 00:16

Instrument :
 BNA_M
 ClientSampleId :
 BD4M6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.5	20.3
277	30.0	19.3	28.9

Manual Integrations
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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
 Data File : BM007841.D
 Acq On : 12 Nov 2016 00:16
 Operator : UM/SJ
 Sample : H5610-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4M6

Manual Integrations
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Quant Time: Nov 12 04:39:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 12 03:12:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	202273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	801658	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	527946	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	997000	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1136581	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1189072	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	28339	6.00	ng/uL	0.00
5) Phenol-d5	6.92	99	535812	34.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	531037	57.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	413736	34.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	242120	19.82	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	207561	35.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	225623	36.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	388271	32.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	345456	25.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1240874	34.52	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1503548	34.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	165673	29.15	ng/ul	0.00
57) Fluorene-d10	15.37	176	1083720	34.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	145267	24.52	ng/ul	0.00
70) Anthracene-d10	17.22	188	1571702	34.98	ng/ul	0.00
76) Pyrene-d10	19.52	212	1716058	36.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1812149	34.91	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.83	163	1255439	35.96	ng/ul	99
71) Anthracene	17.25	178	72877	1.35	ng/ul#	91
74) Fluoranthene	19.18	202	795202	12.83	ng/ul	99
77) Pyrene	19.54	202	745775	12.70	ng/ul	99
80) Benzo(a)anthracene	21.30	228	276571	4.55	ng/ul#	94
82) Chrysene	21.34	228	229027	3.92	ng/ul#	92
85) Benzo(b)fluoranthene	22.89	252	229601	3.38	ng/ul#	86
86) Benzo(k)fluoranthene	22.93	252	86930m	1.39	ng/ul	
88) Benzo(a)pyrene	23.47	252	161945	2.53	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	25.83	276	82950	1.08	ng/ul	97
91) Benzo(g,h,i)perylene	26.53	276	70583	1.10	ng/ul#	93

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