

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006625.D
 Acq On : 22 Jul 2016 14:48
 Operator : UM/SJ
 Sample : H4076-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YP8

Manual Integrations

sohil
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Quant Time: Jul 23 00:52:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 23 00:16:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	173603	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	751132	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	420223	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	941750	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1007400	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1037886	20.00	ng/ul	0.00

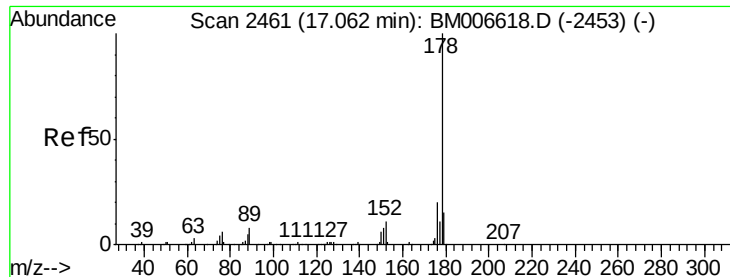
System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	10159	2.37	ng/uL	0.00
3) Phenol-d5	6.80	99	416001	28.17	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	254574	27.82	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	325607	27.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	312769	27.31	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	158892	27.95	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	174088	28.79	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	307489	26.91	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	358673	28.50	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	904500	27.45	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1176449	27.97	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	151691	26.51	ng/ul	0.00
21) Fluorene-d10	15.27	176	815902	27.69	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	81315	16.63	ng/ul	0.00
26) Anthracene-d10	17.12	188	1218186	27.24	ng/ul	0.00
30) Pyrene-d10	19.42	212	1336007	29.10	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	1259887	26.39	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.06	178	161864	3.06	ng/ul	99
28) Fluoranthene	19.09	202	445752	7.16	ng/ul	99
31) Pyrene	19.45	202	374136	6.13	ng/ul	98
32) Benzo(a)anthracene	21.20	228	240982	3.95	ng/ul	98
33) Chrysene	21.26	228	257709	4.58	ng/ul	95
35) Benzo(b)fluoranthene	22.77	252	417793	6.72	ng/ul	99
36) Benzo(k)fluoranthene	22.80	252	130191m	2.16	ng/ul	
38) Benzo(a)pyrene	23.33	252	241905	3.99	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.63	276	210589	3.00	ng/ul	98
40) Dibenzo(a,h)anthracene	25.63	278	58278	1.00	ng/ul#	81

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



#25

Phenanthrene

Concen: 3.06 ng/ul

RT: 17.06 min Scan# 2461

Delta R.T. 0.00 min

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Instrument :

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Tgt Ion:178 Resp: 161864

Ion Ratio Lower Upper

178 100

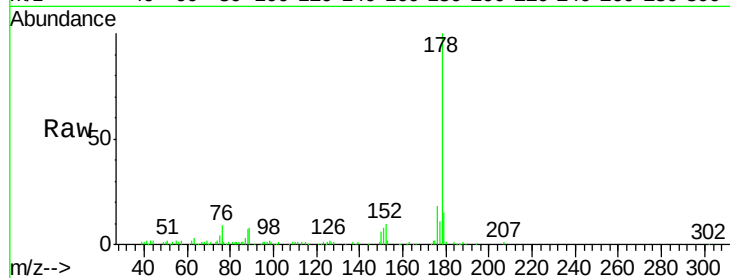
179 14.7 11.8 17.8

176 17.5 14.8 22.2

Manual Integrations

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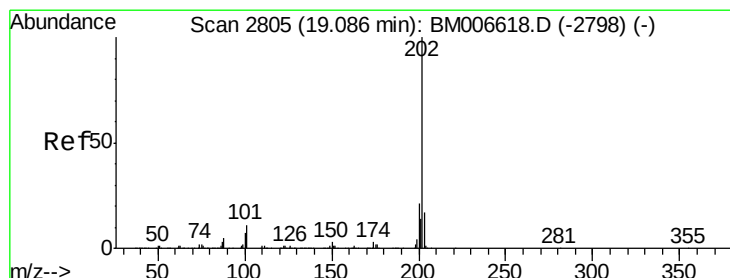
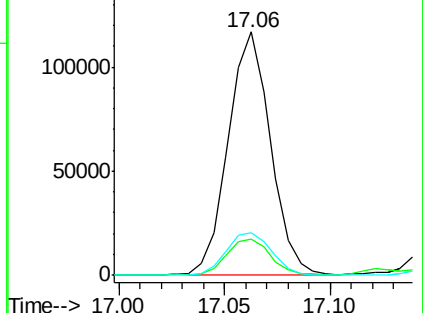
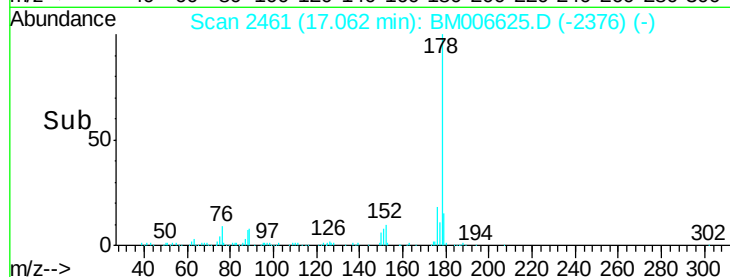
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 7.16 ng/ul

RT: 19.09 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM006625.D

Acq: 22 Jul 2016 14:48

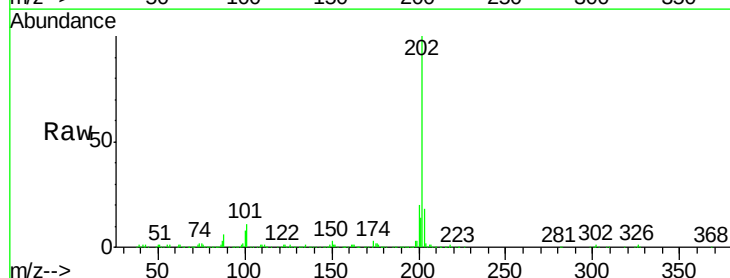
Tgt Ion:202 Resp: 445752

Ion Ratio Lower Upper

202 100

101 11.1 8.9 13.3

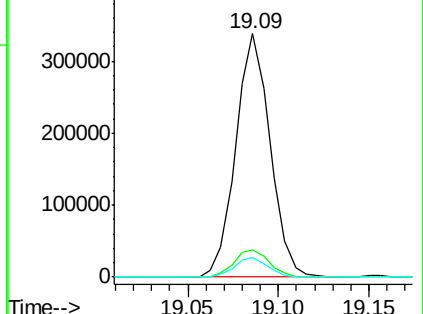
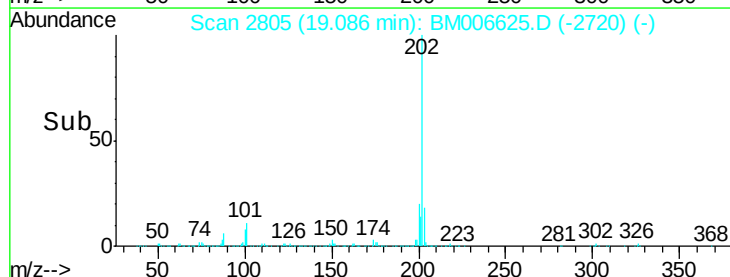
100 8.1 7.0 10.4

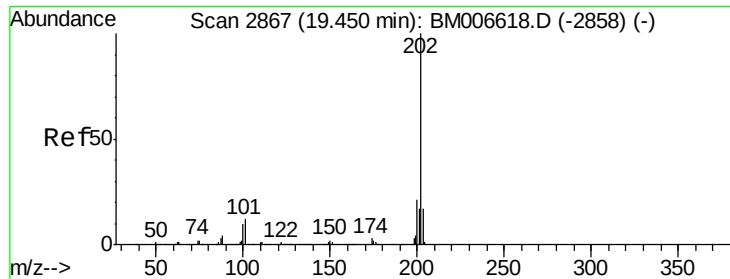


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





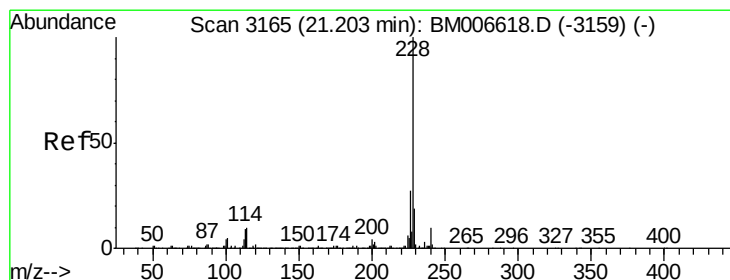
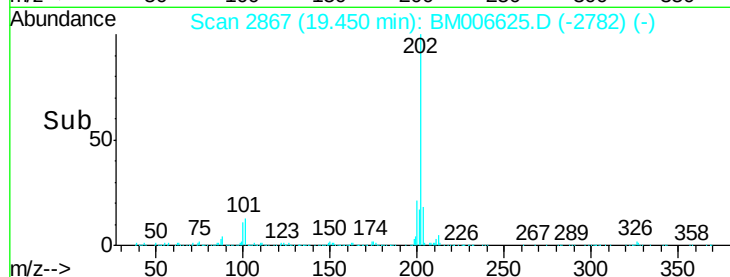
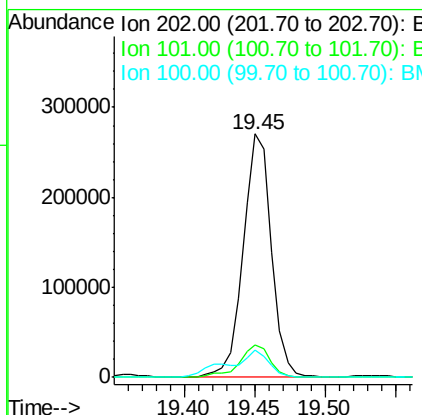
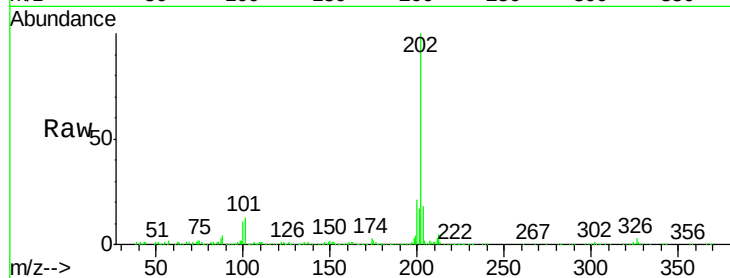
#31
Pyrene
Concen: 6.13 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BM006625.D
Acq: 22 Jul 2016 14:48

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	374136		
101	13.2	9.8	14.8	
100	11.0	9.3	13.9	

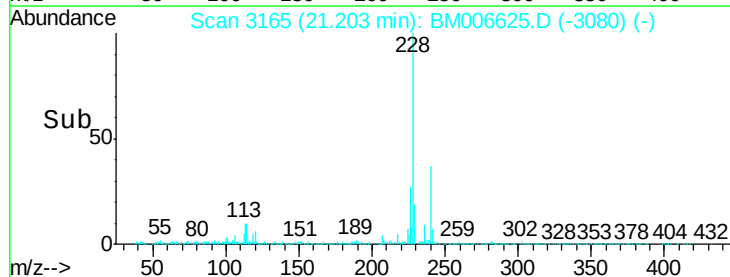
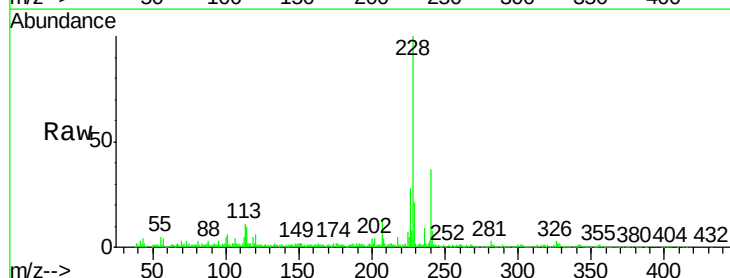
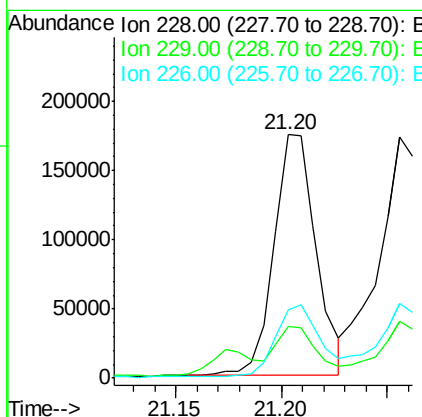
Manual Integrations

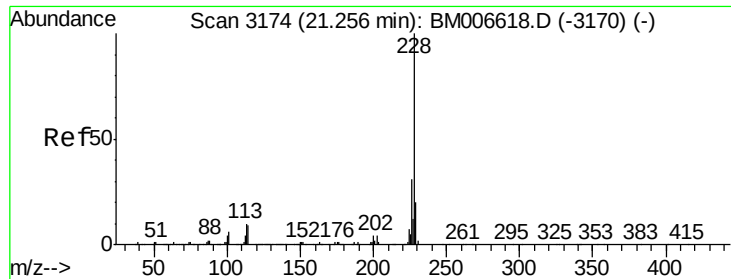
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#32
Benzo(a)anthracene
Concen: 3.95 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BM006625.D
Acq: 22 Jul 2016 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	240982		
229	21.1	16.6	25.0	
226	27.8	21.0	31.4	





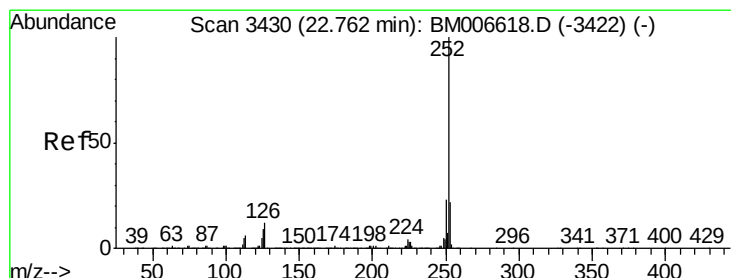
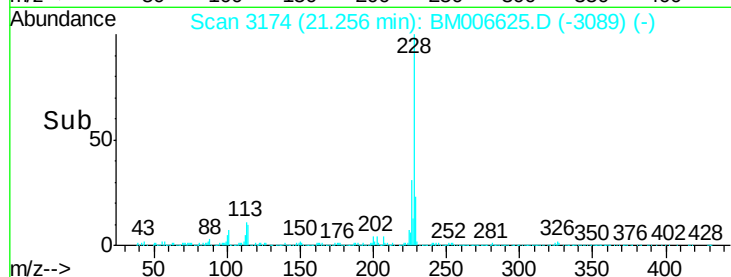
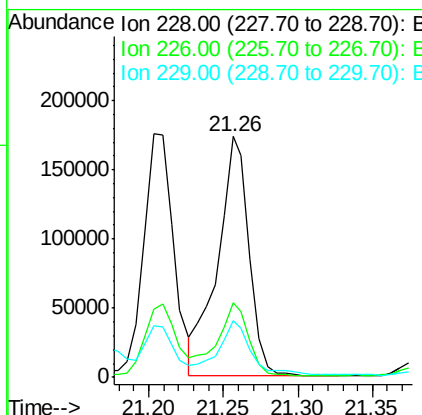
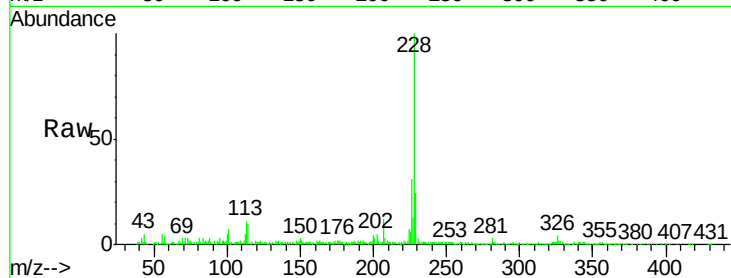
#33
Chrysene
Concen: 4.58 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BM006625.D
Acq: 22 Jul 2016 14:48

Instrument :
BNA_M
ClientSampleId :
D9YP8

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	23.7	16.2	24.2

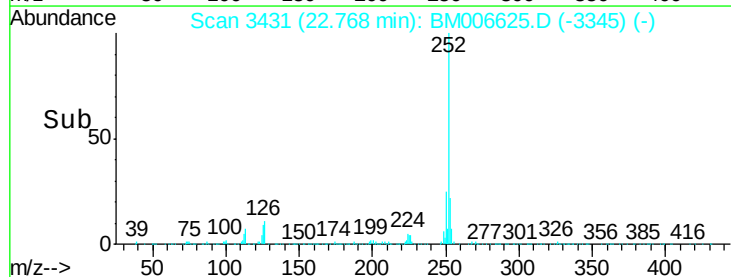
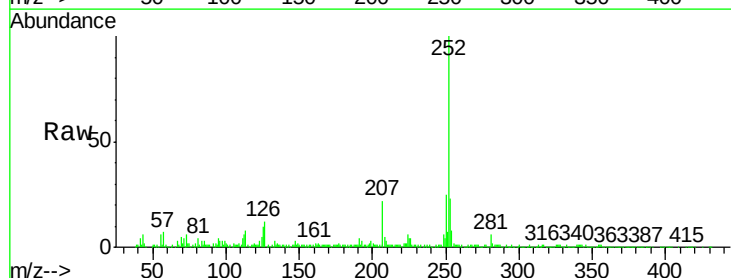
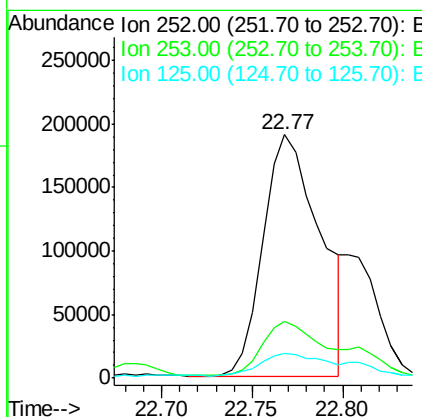
Manual Integrations

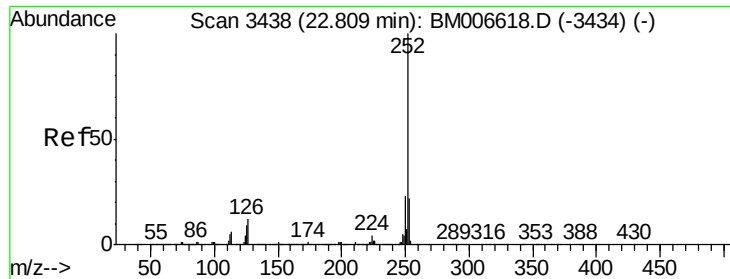
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#35
Benzo(b)fluoranthene
Concen: 6.72 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. 0.01 min
Lab File: BM006625.D
Acq: 22 Jul 2016 14:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	10.1	7.6	11.4





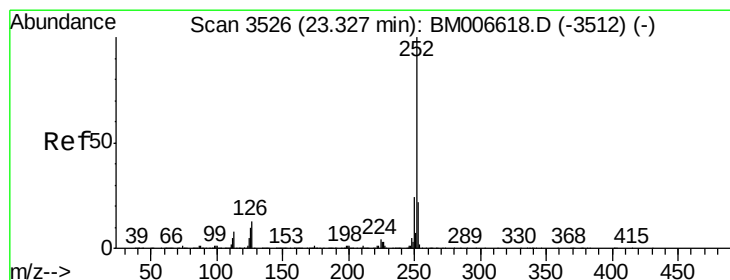
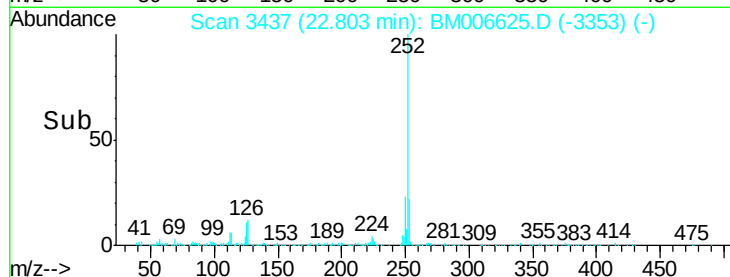
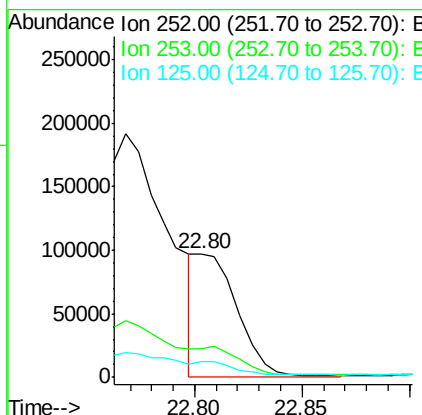
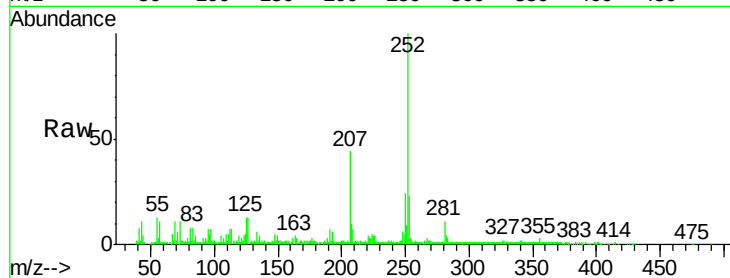
#36
Benzo(k)fluoranthene
Concen: 2.16 ng/ul m
RT: 22.80 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BM006625.D
Acq: 22 Jul 2016 14:48

Instrument :
BNA_M
ClientSampled :
D9YP8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.7	7.7	11.5#

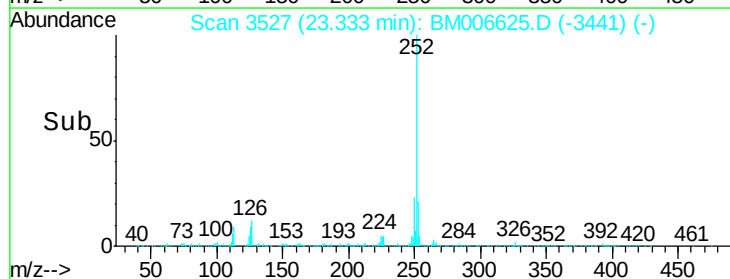
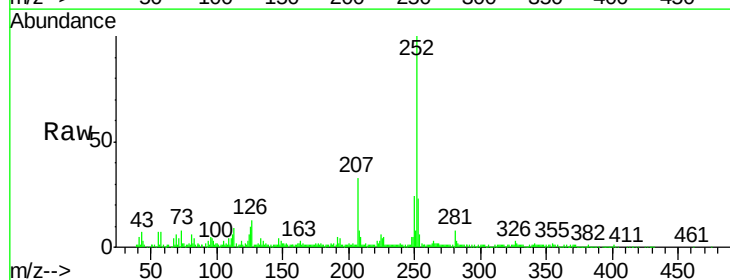
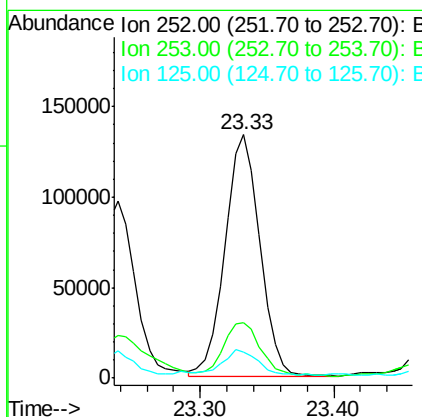
Manual Integrations

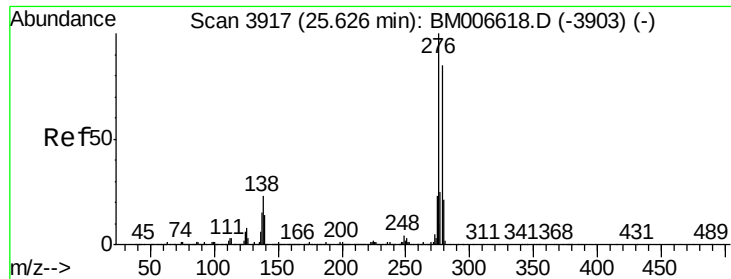
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#38
Benzo(a)pyrene
Concen: 3.99 ng/ul
RT: 23.33 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BM006625.D
Acq: 22 Jul 2016 14:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	10.4	8.2	12.2





#39

Indeno(1,2,3-cd)pyrene

Concen: 3.00 ng/ul

RT: 25.63 min Scan# 3918

Delta R.T. 0.01 min

Lab File: BM006625.D

Acq: 22 Jul 2016 14:48

Instrument :

BNA_M

ClientSampled :

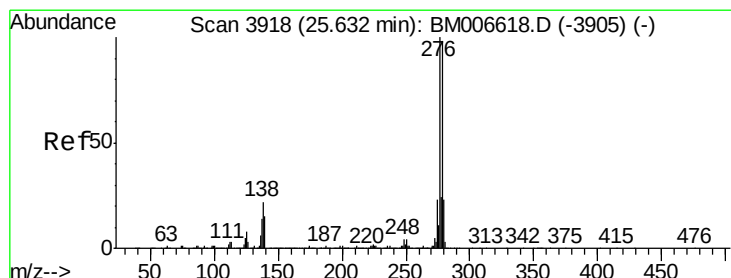
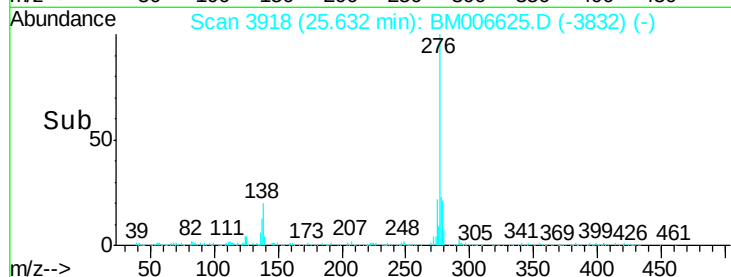
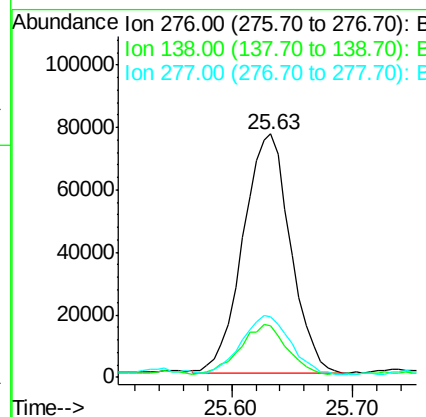
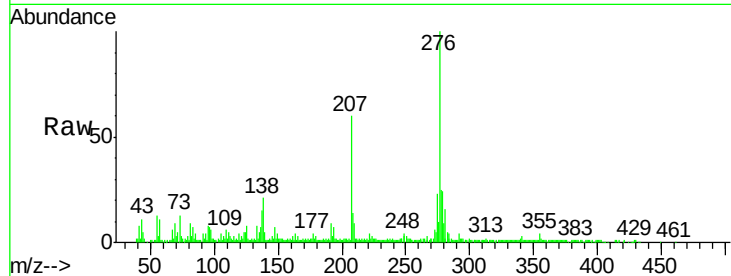
D9YP8

Tgt Ion:	276	Resp:	210589
Ion Ratio	Lower	Upper	
276	100		
138	21.2	15.8	23.6
277	24.6	19.0	28.6

Manual Integrations

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#40

Dibenzo(a,h)anthracene

Concen: 1.00 ng/ul

RT: 25.63 min Scan# 3917

Delta R.T. -0.01 min

Lab File: BM006625.D

Acq: 22 Jul 2016 14:48

Tgt Ion:	278	Resp:	58278
Ion Ratio	Lower	Upper	
278	100		
139	24.6	12.1	18.1#
279	33.4	19.8	29.8#

