

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006626.D
 Acq On : 22 Jul 2016 15:25
 Operator : UM/SJ
 Sample : H4076-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YN7

Manual Integrations

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 7/25/2016 6:40:23 PM

Quant Time: Jul 23 00:53:47 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	174275	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	733358	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	410635	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	926173	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	998340	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1019174	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	5315	1.23	ng/uL	0.00
3) Phenol-d5	6.80	99	192251	12.97	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	149527	16.28	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	169085	14.27	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	101498	8.83	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	90375	16.28	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	92897	15.74	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	162504	14.57	ng/ul	0.00
12) 4-Chloroaniline-d4	10.55	131	100349	8.17	ng/ul	0.01
16) Dimethylphthalate-d6	13.68	166	514086	15.97	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	700601	17.05	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	46128	8.25	ng/ul	0.01
21) Fluorene-d10	15.27	176	497536	17.28	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	25047	5.21	ng/ul	0.00
26) Anthracene-d10	17.12	188	743742	16.91	ng/ul	0.00
30) Pyrene-d10	19.42	212	838607	18.43	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	812887	17.34	ng/ul	0.00

Target Compounds

					Qvalue
25) Phenanthrene	17.06	178	77826	1.49 ng/ul	97
28) Fluoranthene	19.09	202	186288	3.04 ng/ul#	97
31) Pyrene	19.45	202	169482	2.80 ng/ul	98
32) Benzo(a)anthracene	21.20	228	120965	2.00 ng/ul	97
33) Chrysene	21.26	228	136888	2.45 ng/ul	98
35) Benzo(b)fluoranthene	22.77	252	227543	3.72 ng/ul	98
36) Benzo(k)fluoranthene	22.80	252	82786m	1.40 ng/ul	
38) Benzo(a)pyrene	23.33	252	155179	2.61 ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.63	276	137947	2.00 ng/ul	99
41) Benzo(g,h,i)perylene	26.30	276	98589	1.67 ng/ul	97

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

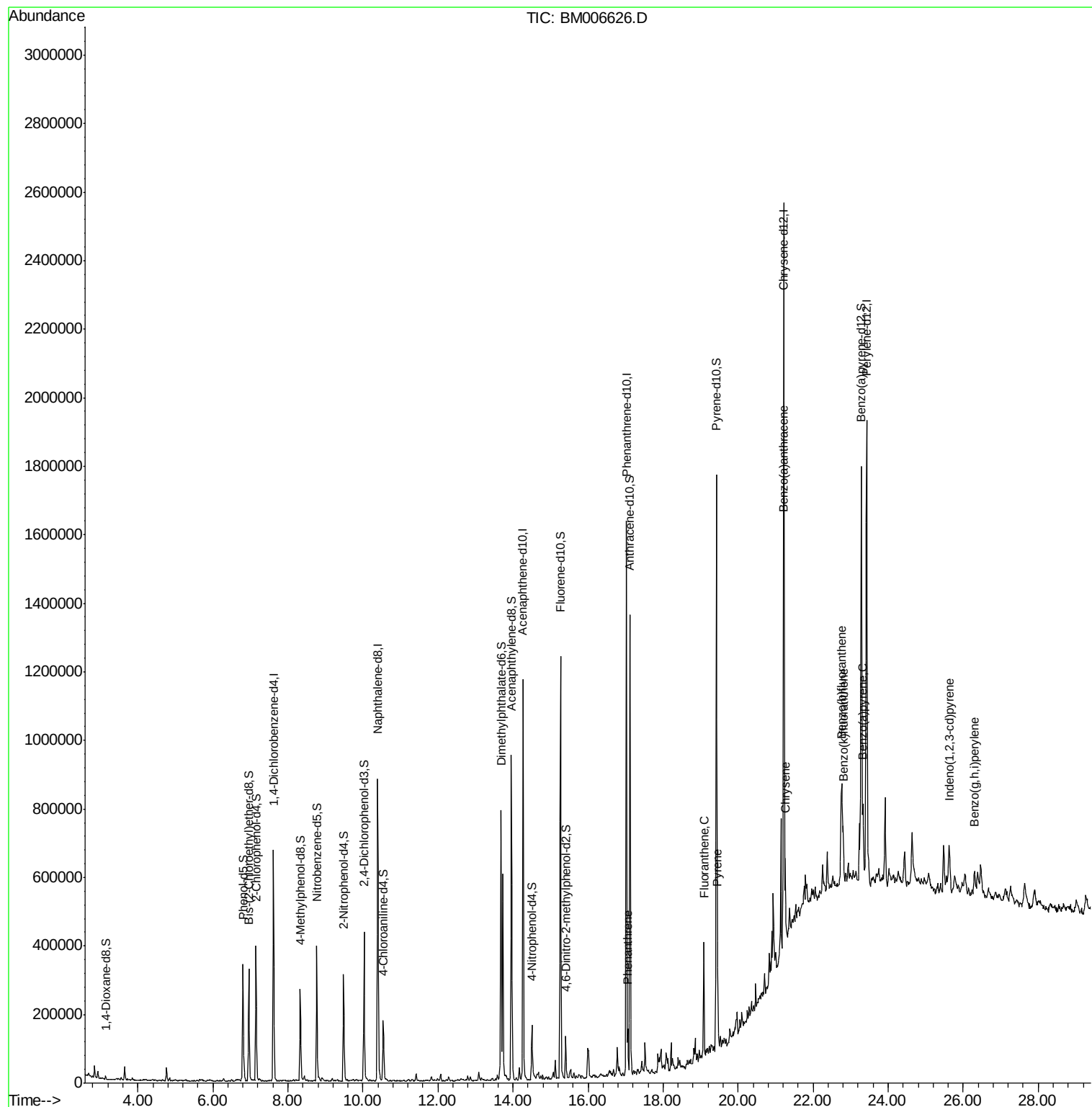
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006626.D
Acq On : 22 Jul 2016 15:25
Operator : UM/SJ
Sample : H4076-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

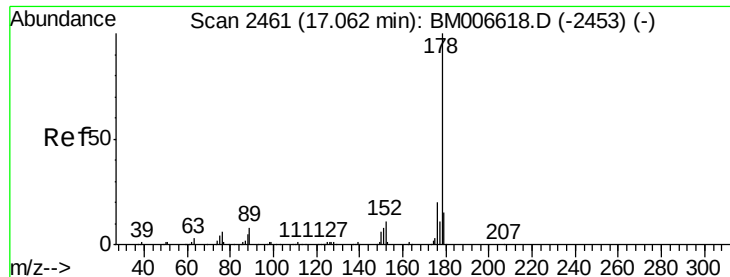
Instrument :
BNA_M
ClientSampleId :
D9YN7

Quant Time: Jul 23 00:53:47 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

Manual Integrations

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#25

Phenanthrene

Concen: 1.49 ng/ul

RT: 17.06 min Scan# 2461

Delta R.T. 0.00 min

Lab File: BM006626.D

Acq: 22 Jul 2016 15:25

Instrument :

BNA_M

ClientSampleId :

D9YN7

Tgt Ion:178 Resp: 77826

Ion Ratio Lower Upper

178 100

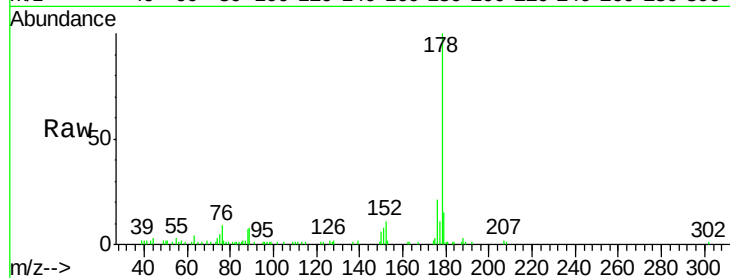
179 14.6 11.8 17.8

176 20.7 14.8 22.2

Manual Integrations

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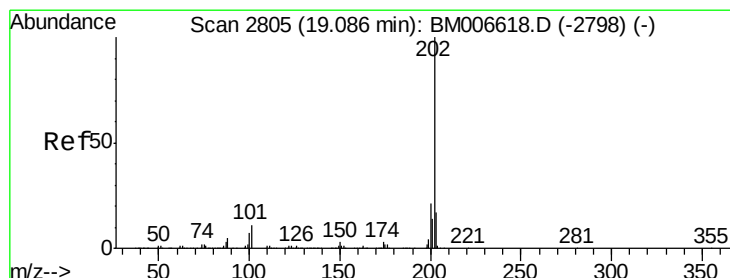
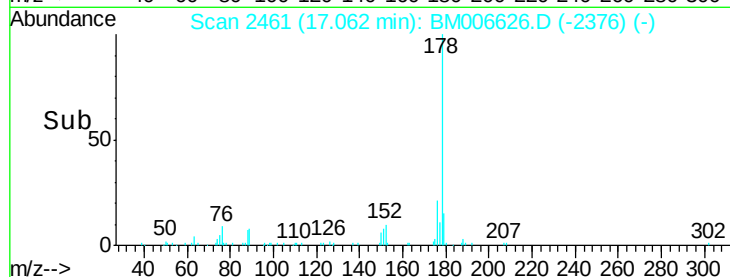
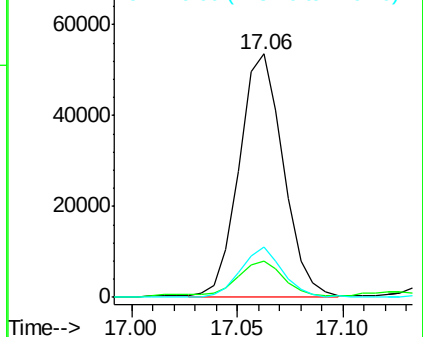
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#28

Fluoranthene

Concen: 3.04 ng/ul

RT: 19.09 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM006626.D

Acq: 22 Jul 2016 15:25

Tgt Ion:202 Resp: 186288

Ion Ratio Lower Upper

202 100

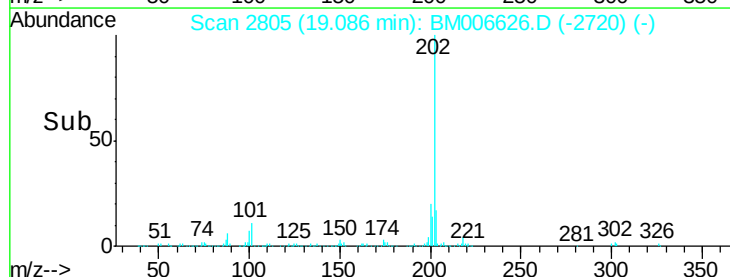
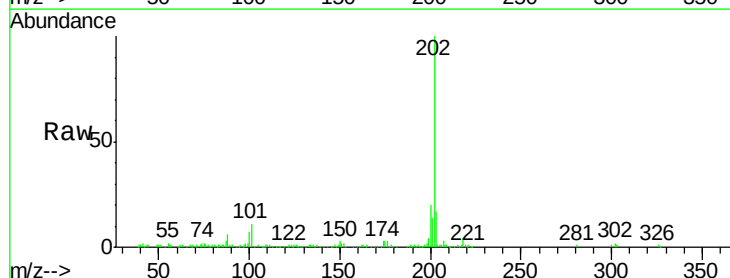
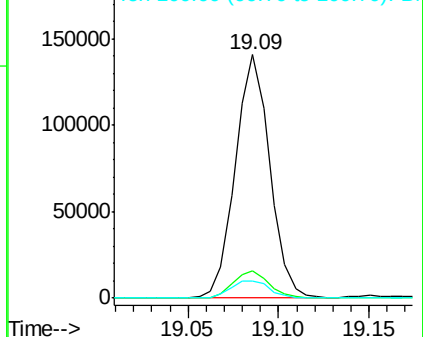
101 11.5 8.9 13.3

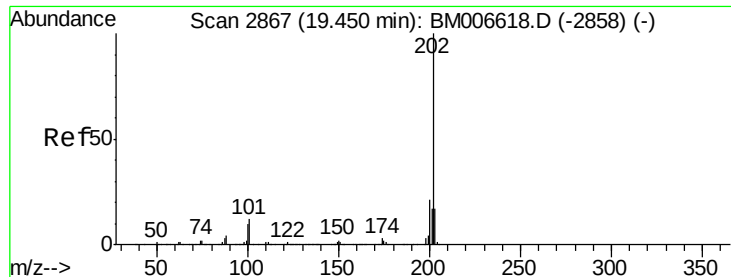
100 6.8 7.0 10.4#

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





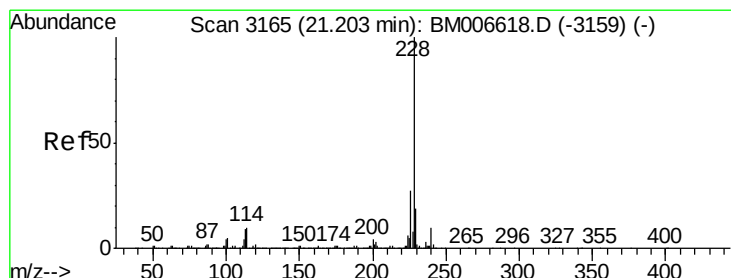
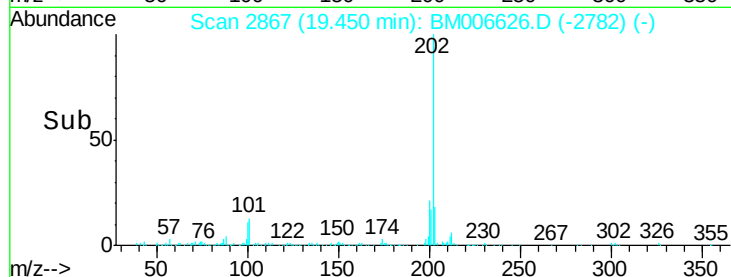
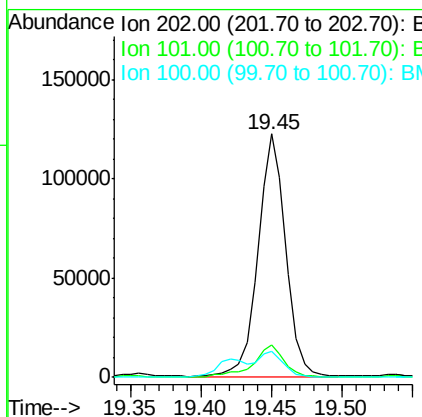
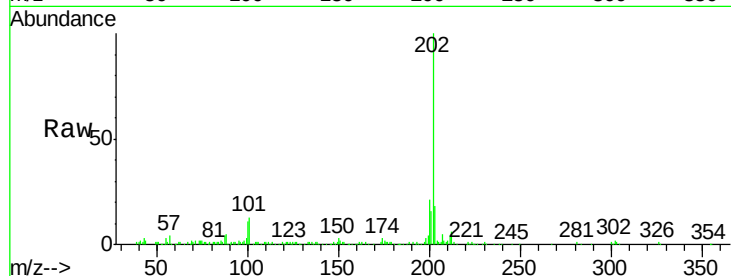
#31
Pyrene
Concen: 2.80 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BM006626.D
Acq: 22 Jul 2016 15:25

Instrument :
BNA_M
ClientSampleId :
D9YN7

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	169482		
101	13.4	9.8	14.8	
100	10.8	9.3	13.9	

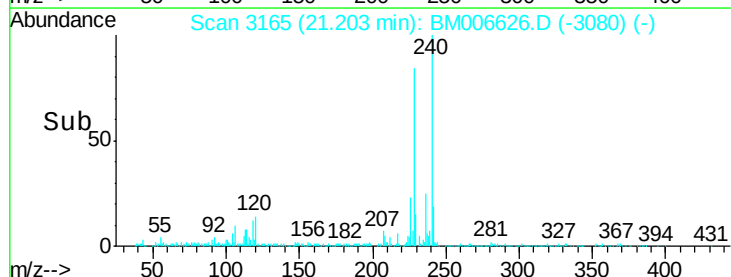
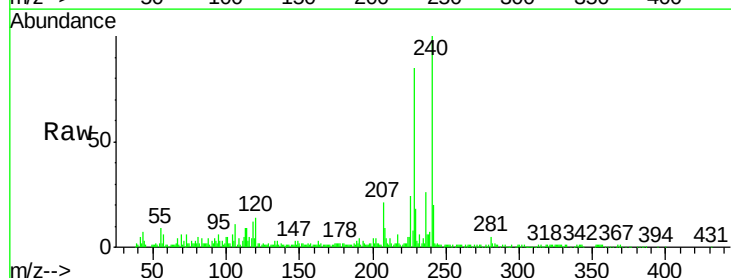
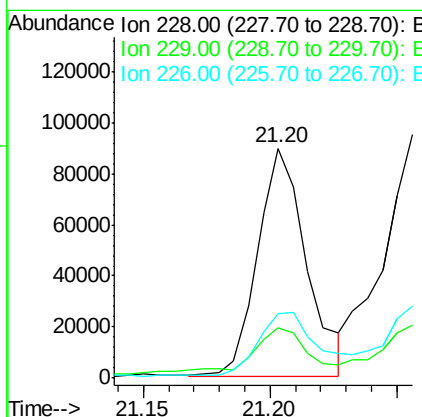
Manual Integrations

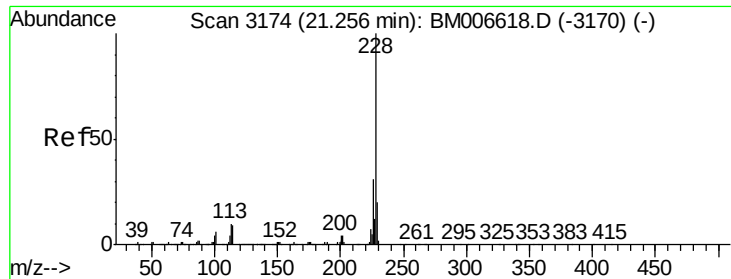
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7/25/2016 6:40:23 PM



#32
Benzo(a)anthracene
Concen: 2.00 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BM006626.D
Acq: 22 Jul 2016 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	120965		
229	21.7	16.6	25.0	
226	28.3	21.0	31.4	





#33

Chrysene

Concen: 2.45 ng/ul

RT: 21.26 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BM006626.D

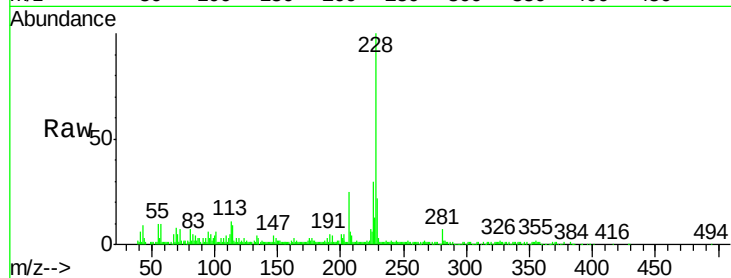
Acq: 22 Jul 2016 15:25

Instrument :

BNA_M

ClientSampleId :

D9YN7

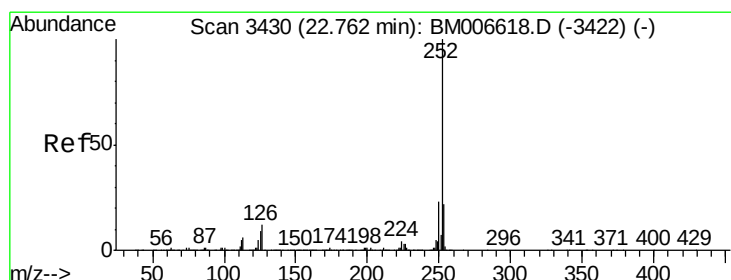
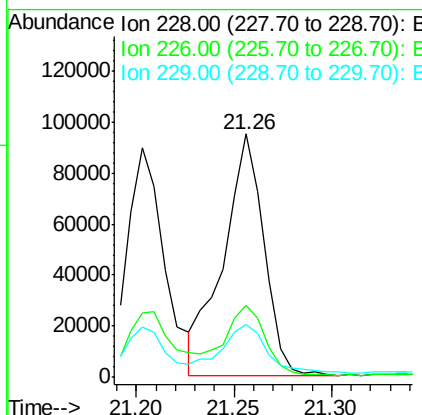
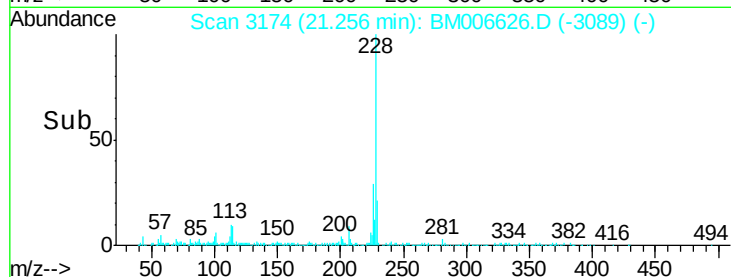


Tgt Ion:	228	Resp:	136888
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.2
229	21.6	16.2	24.2

Manual Integrations

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7/25/2016 6:40:23 PM



#35

Benzo(b)fluoranthene

Concen: 3.72 ng/ul

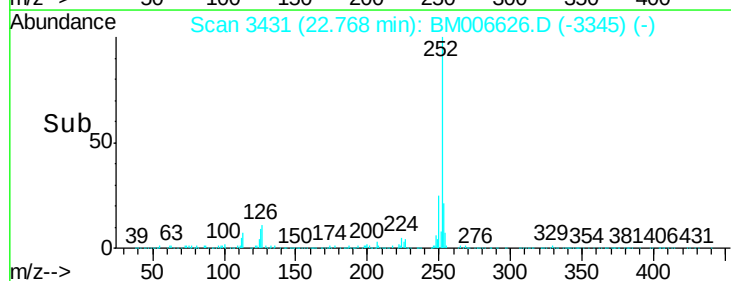
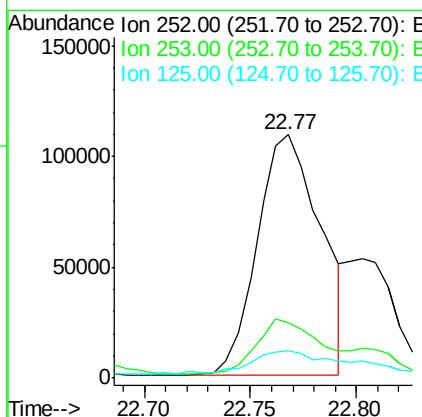
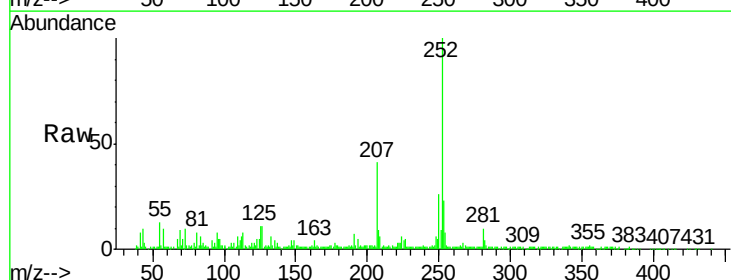
RT: 22.77 min Scan# 3431

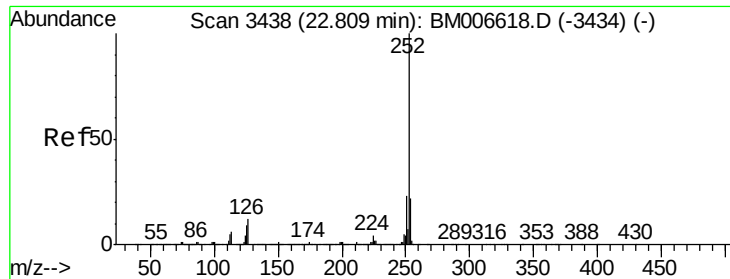
Delta R.T. 0.01 min

Lab File: BM006626.D

Acq: 22 Jul 2016 15:25

Tgt Ion:	252	Resp:	227543
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	11.0	7.6	11.4





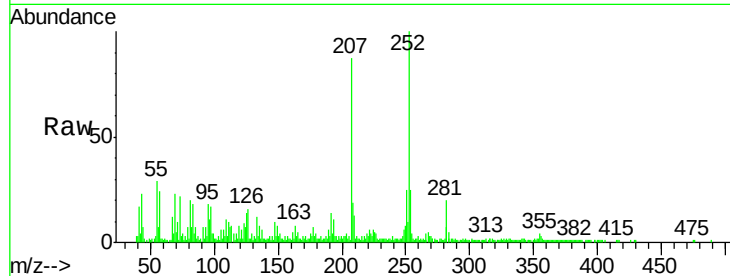
#36
Benzo(k)fluoranthene
Concen: 1.40 ng/ul m
RT: 22.80 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BM006626.D
Acq: 22 Jul 2016 15:25

Instrument :
BNA_M
ClientSampled :
D9YN7

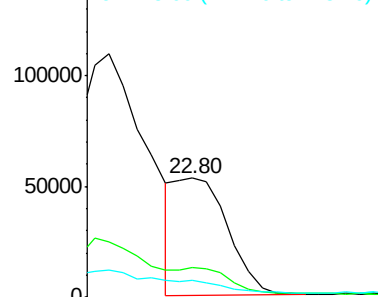
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.8
125	14.2	7.7	11.5#

Manual Integrations

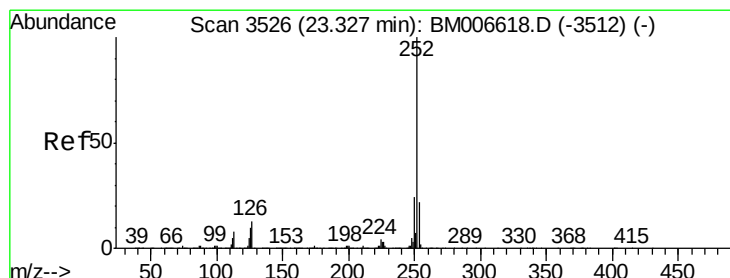
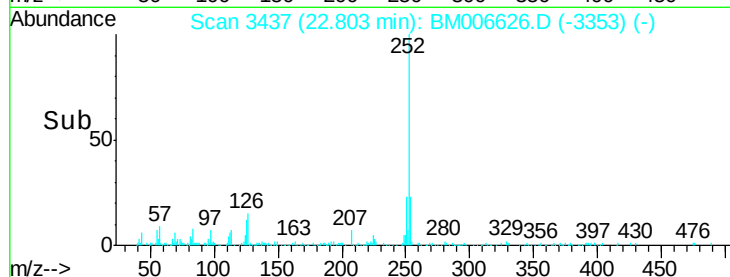
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



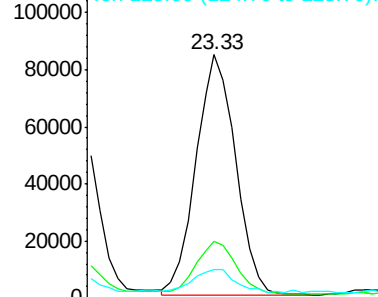
Time-->



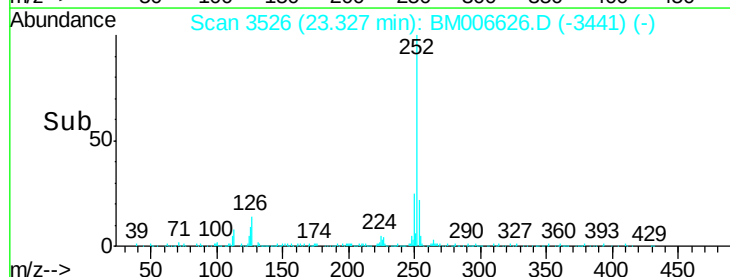
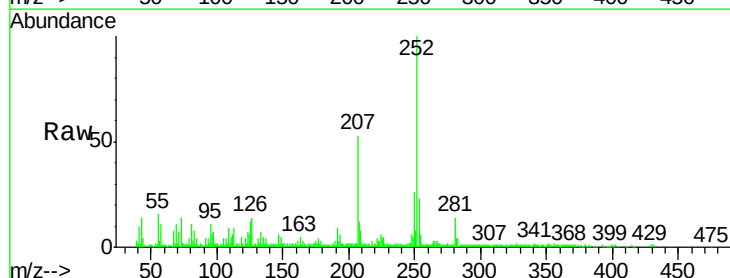
#38
Benzo(a)pyrene
Concen: 2.61 ng/ul
RT: 23.33 min Scan# 3526
Delta R.T. 0.00 min
Lab File: BM006626.D
Acq: 22 Jul 2016 15:25

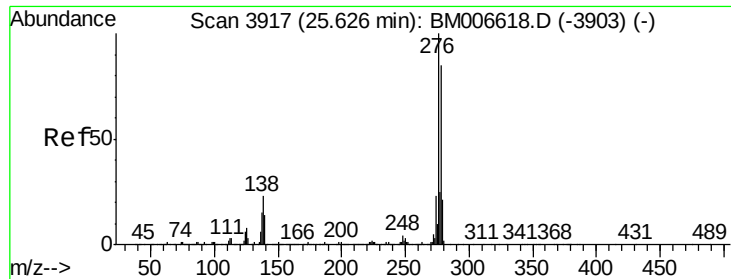
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	11.6	8.2	12.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





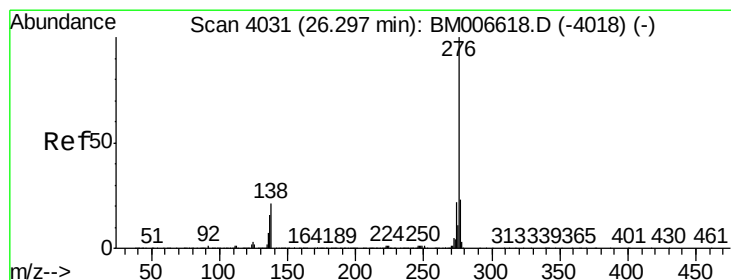
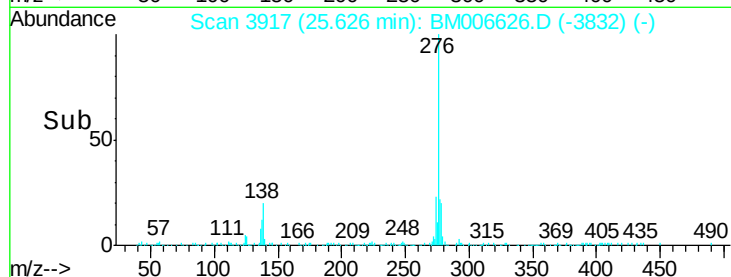
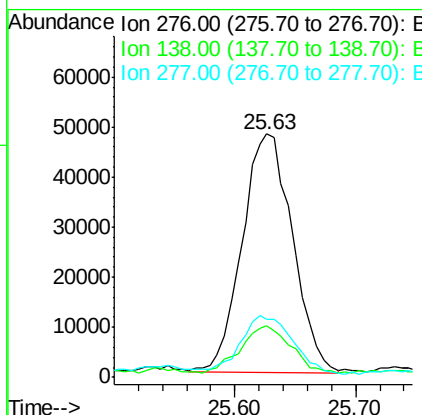
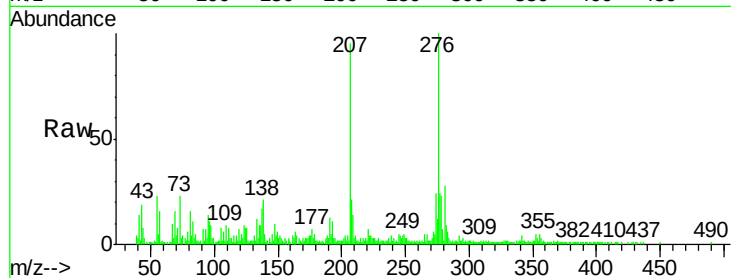
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 2.00 ng/ul
 RT: 25.63 min Scan# 3917
 Delta R.T. 0.00 min
 Lab File: BM006626.D
 Acq: 22 Jul 2016 15:25

Instrument :
 BNA_M
 ClientSampleId :
 D9YN7

Tgt Ion:	276	Resp:	137947
Ion Ratio	Lower	Upper	
276	100		
138	21.0	15.8	23.6
277	24.0	19.0	28.6

Manual Integrations

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 7/25/2016 6:40:23 PM



#41
 Benzo(g,h,i)perylene
 Concen: 1.67 ng/ul
 RT: 26.30 min Scan# 4032
 Delta R.T. 0.01 min
 Lab File: BM006626.D
 Acq: 22 Jul 2016 15:25

Tgt Ion:	276	Resp:	98589
Ion Ratio	Lower	Upper	
276	100		
138	20.8	13.9	20.9
277	24.8	19.8	29.6

