

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
 Data File : BM005685.D
 Acq On : 07 Jun 2016 00:34
 Operator : UM/SJ
 Sample : H3412-19 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XT8

Manual Integrations
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Quant Time: Jun 07 11:58:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 07 04:25:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	108460	20.00	ng/ul	0.00
7) Naphthalene-d8	10.56	136	430189	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	191959	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.15	188	376183	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	385060	20.00	ng/ul	0.00
34) Perylene-d12	23.60	264	396191	20.00	ng/ul	0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.22	96	2317	0.90	ng/uL	0.00
3) Phenol-d5	6.95	99	100100	10.50	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.10	67	62814	10.83	ng/ul	0.00
5) 2-Chlorophenol-d4	7.30	132	84616	10.76	ng/ul	0.00
6) 4-Methylphenol-d8	8.48	113	64432	8.54	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	37033	11.21	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	36918	10.44	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.19	165	67019	10.67	ng/ul	0.00
12) 4-Chloroaniline-d4	10.70	131	13051m	1.75	ng/ul	0.01
16) Dimethylphthalate-d6	13.81	166	179996	12.20	ng/ul	0.00
17) Acenaphthylene-d8	14.10	160	229945	11.98	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	19235	9.10	ng/ul	0.02
21) Fluorene-d10	15.40	176	154222	12.17	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	3654	2.06	ng/ul	0.00
26) Anthracene-d10	17.24	188	219535	12.29	ng/ul	0.00
30) Pyrene-d10	19.54	212	235458	12.17	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.46	264	223369	12.25	ng/ul	0.01

Target Compounds

						Qvalue
25) Phenanthrene	17.19	178	20866	1.00	ng/ul	94
28) Fluoranthene	19.21	202	52858	2.49	ng/ul	98
31) Pyrene	19.57	202	50959	2.10	ng/ul	97
32) Benzo(a)anthracene	21.32	228	30613	1.36	ng/ul#	85
33) Chrysene	21.37	228	35698	1.67	ng/ul#	85
35) Benzo(b)fluoranthene	22.91	252	55094	2.31	ng/ul#	73
38) Benzo(a)pyrene	23.50	252	33608	1.46	ng/ul#	59
39) Indeno(1,2,3-cd)pyrene	25.90	276	29897	1.10	ng/ul#	66
41) Benzo(g,h,i)perylene	26.61	276	33768	1.48	ng/ul#	67

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

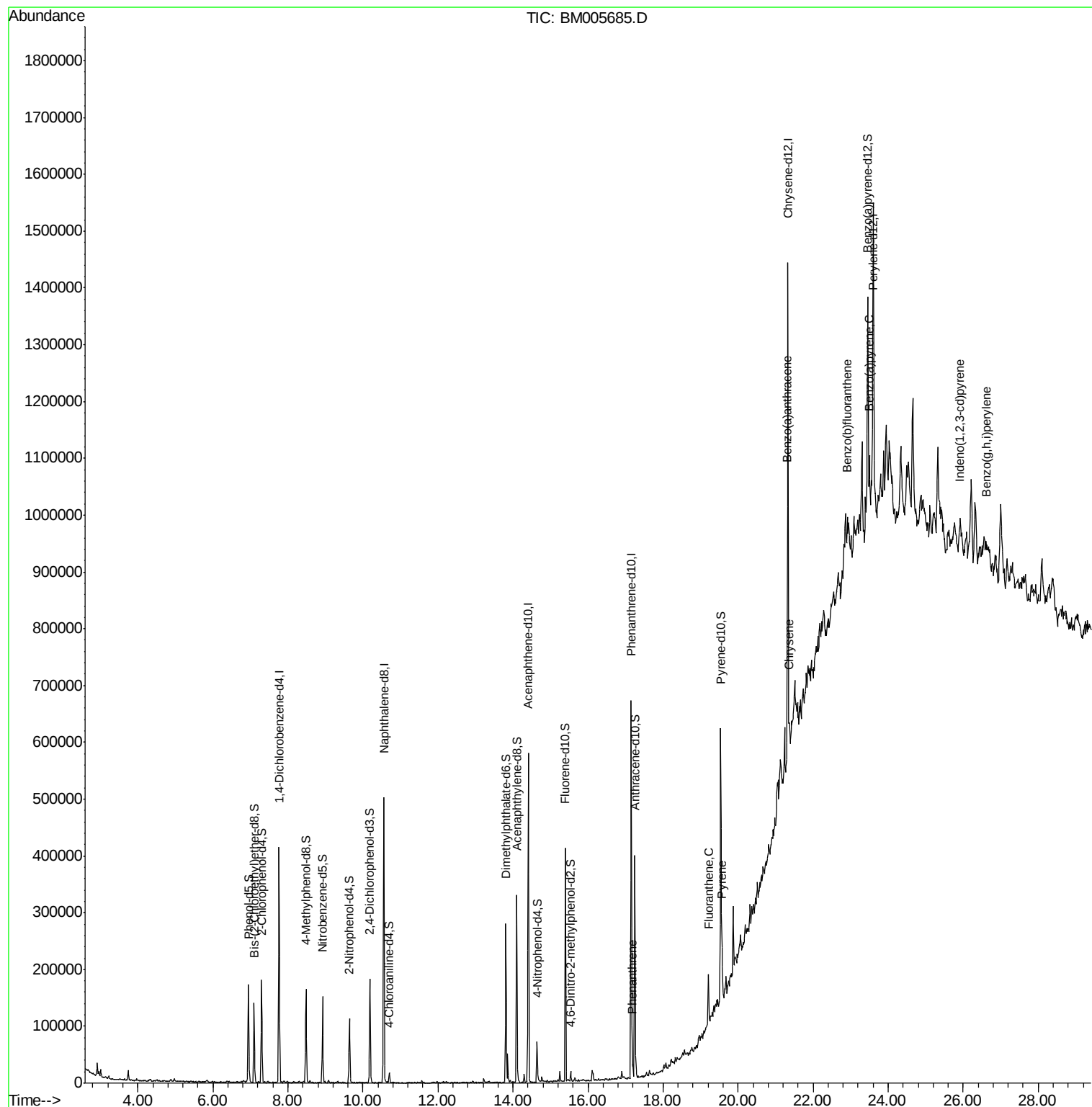
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
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ALS Vial : 24 Sample Multiplier: 1

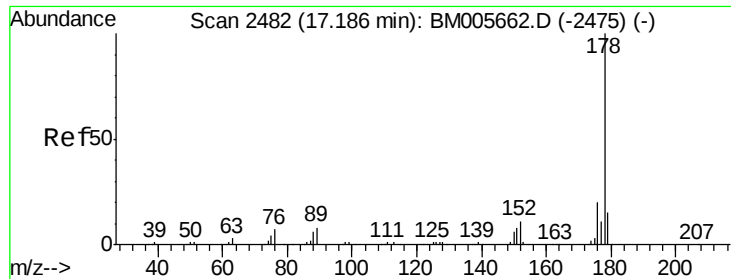
Instrument :
BNA_M
ClientSampleId :
D9XT8

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Quant Time: Jun 07 11:58:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration





#25

Phenanthrene

Concen: 1.00 ng/ul

RT: 17.19 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BM005685.D

Acq: 07 Jun 2016 00:34

Instrument :

BNA_M

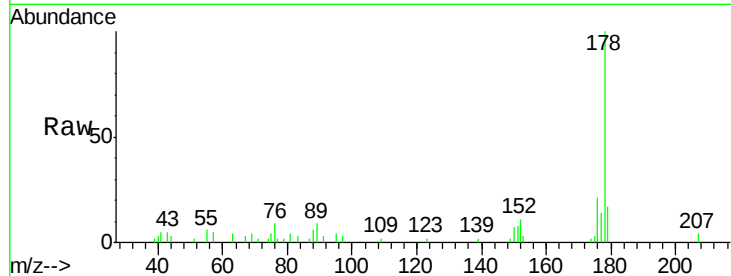
ClientSampleId :

D9XT8

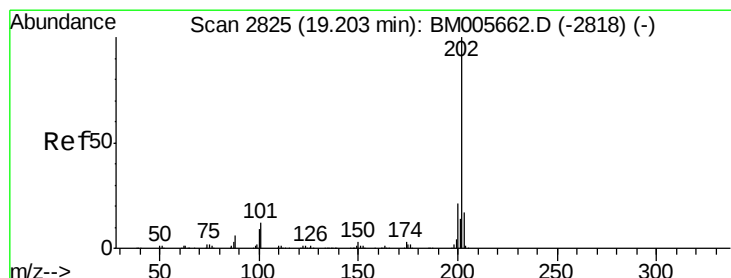
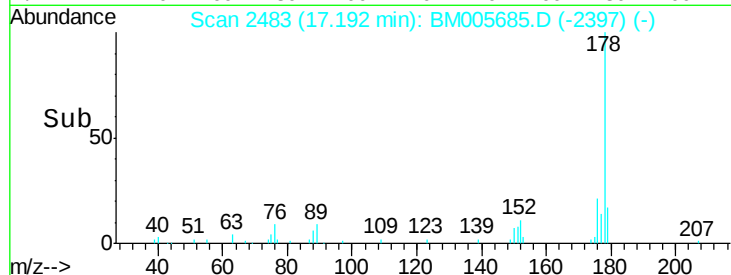
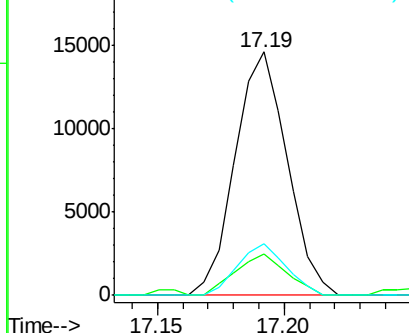
Tgt Ion:	178	Resp:	20866
Ion Ratio	Lower	Upper	
178	100		
179	17.2	11.8	17.8
176	21.1	14.8	22.2

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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: 2.49 ng/ul

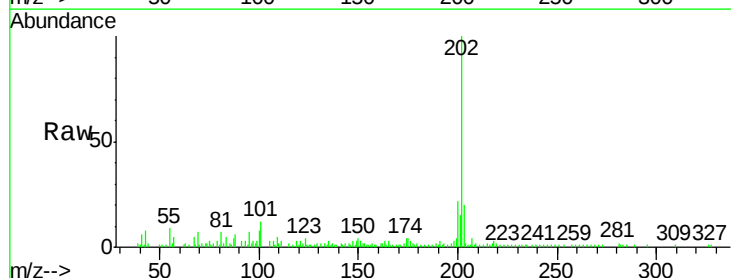
RT: 19.21 min Scan# 2826

Delta R.T. 0.01 min

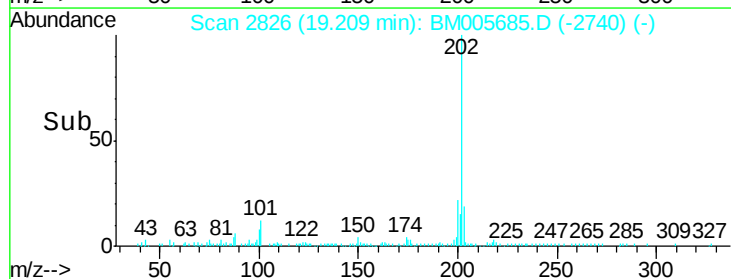
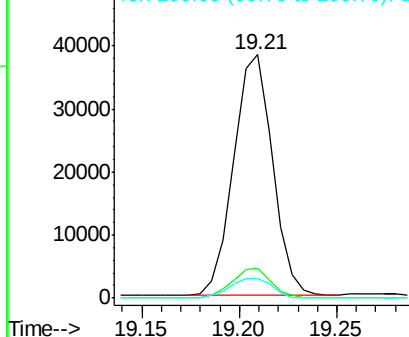
Lab File: BM005685.D

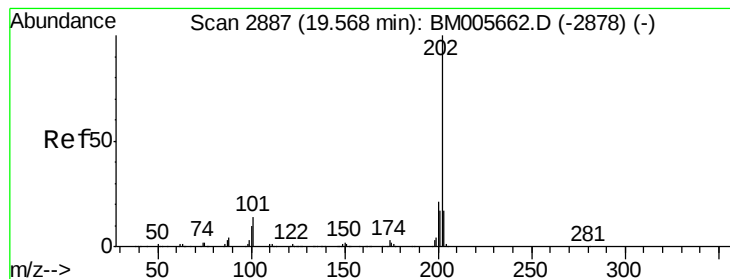
Acq: 07 Jun 2016 00:34

Tgt Ion:	202	Resp:	52858
Ion Ratio	Lower	Upper	
202	100		
101	12.0	8.9	13.3
100	8.2	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: 2.10 ng/ul

RT: 19.57 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BM005685.D

Acq: 07 Jun 2016 00:34

Instrument :

BNA_M

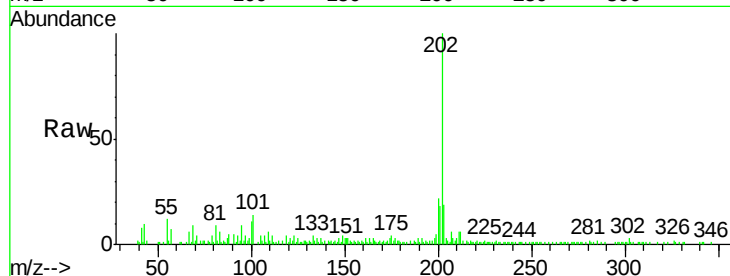
ClientSampleId :

D9XT8

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	50959		
101	14.2	9.8	14.8	
100	10.9	9.3	13.9	

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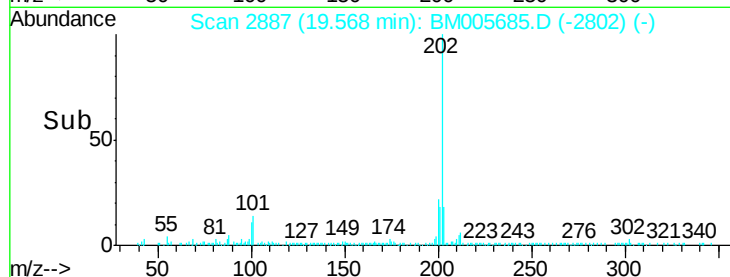


Abundance Ion 202.00 (201.70 to 202.70): E

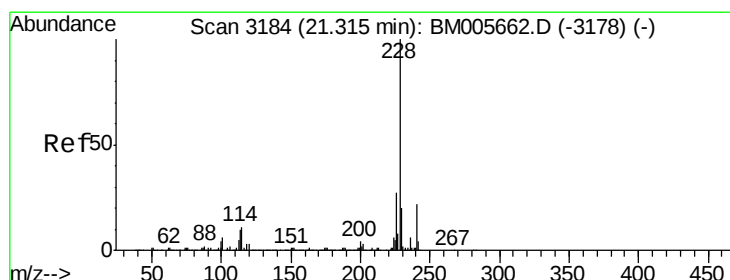
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#32

Benzo(a)anthracene

Concen: 1.36 ng/ul

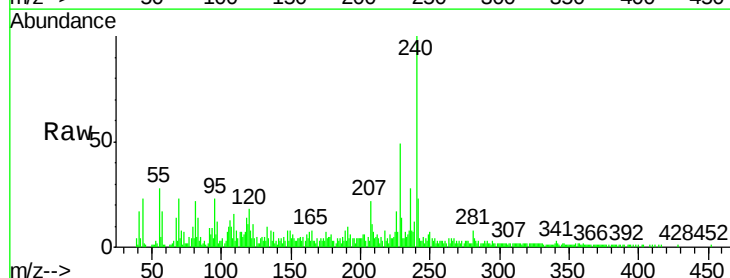
RT: 21.32 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BM005685.D

Acq: 07 Jun 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	30613		
229	27.8	16.6	25.0#	
226	33.7	21.0	31.4#	

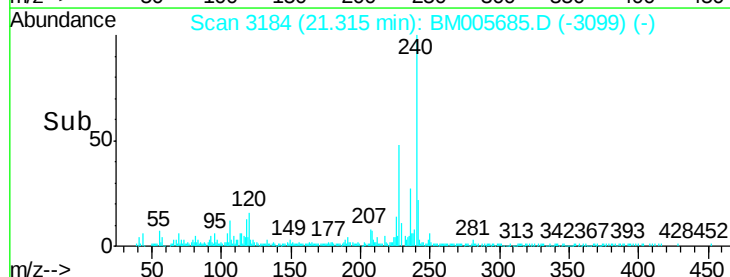


Abundance Ion 228.00 (227.70 to 228.70): E

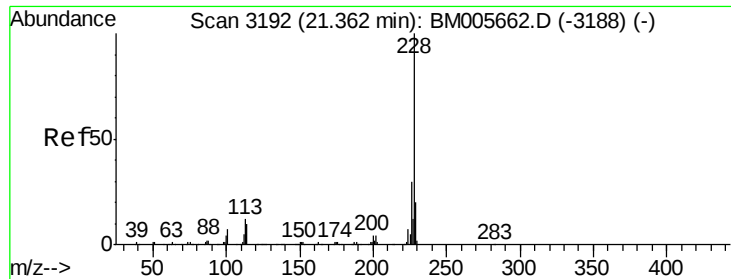
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



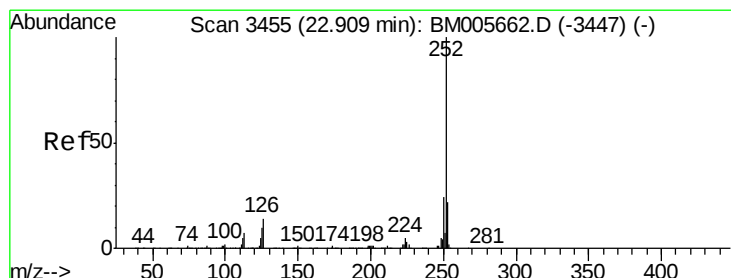
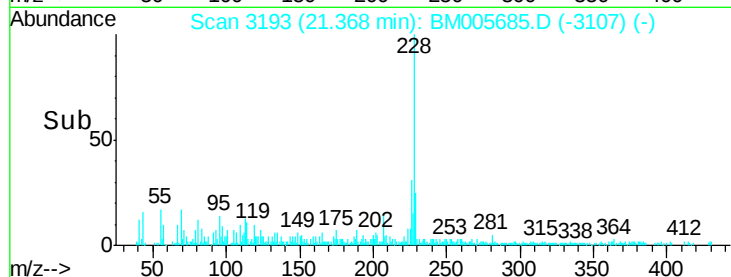
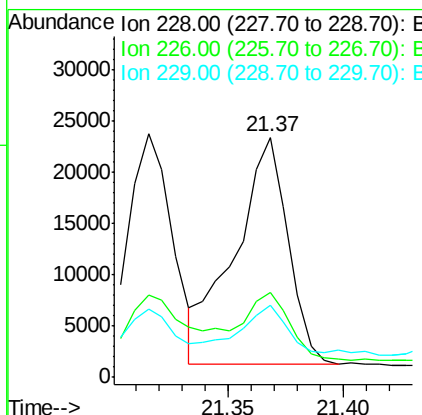
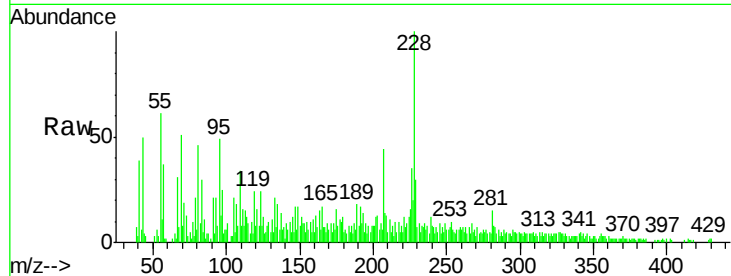
#33
Chrysene
Concen: 1.67 ng/ul
RT: 21.37 min Scan# 3193
Delta R.T. 0.01 min
Lab File: BM005685.D
Acq: 07 Jun 2016 00:34

Instrument :
BNA_M
ClientSampleId :
D9XT8

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	35698		
226	35.2	23.4	35.2#	
229	30.1	16.2	24.2#	

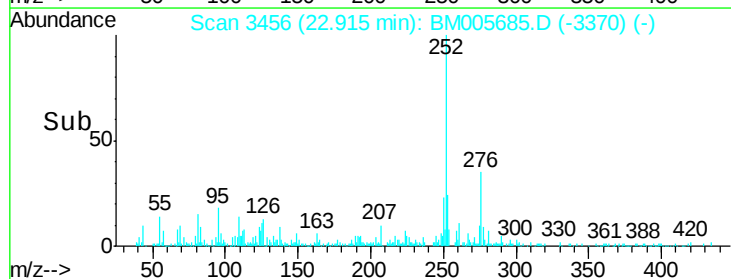
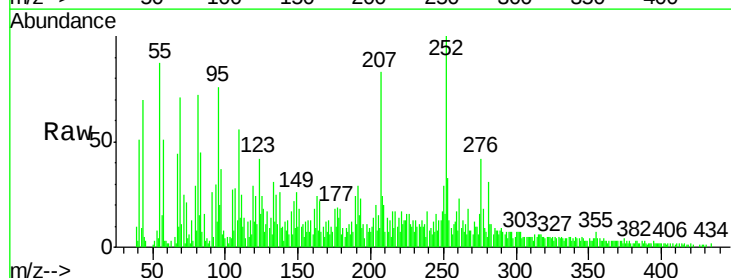
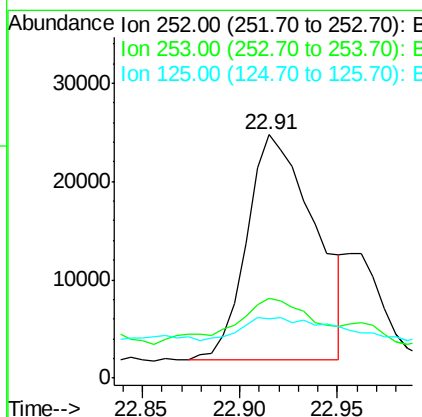
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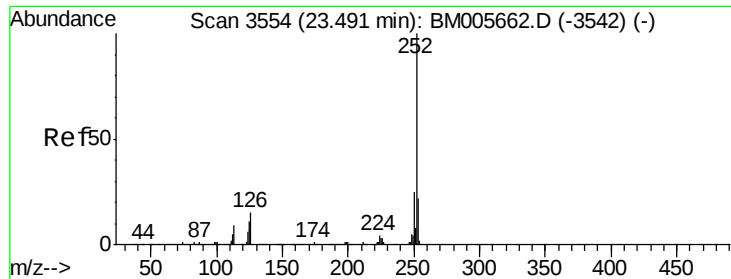
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#35
Benzo(b)fluoranthene
Concen: 2.31 ng/ul
RT: 22.91 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM005685.D
Acq: 07 Jun 2016 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	55094		
253	33.0	18.1	27.1#	
125	24.3	7.6	11.4#	





#38

Benzo(a)pyrene

Concen: 1.46 ng/ul

RT: 23.50 min Scan# 3555

Delta R.T. 0.01 min

Lab File: BM005685.D

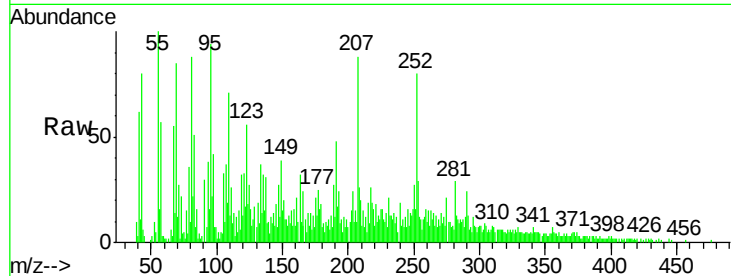
Acq: 07 Jun 2016 00:34

Instrument :

BNA_M

ClientSampled :

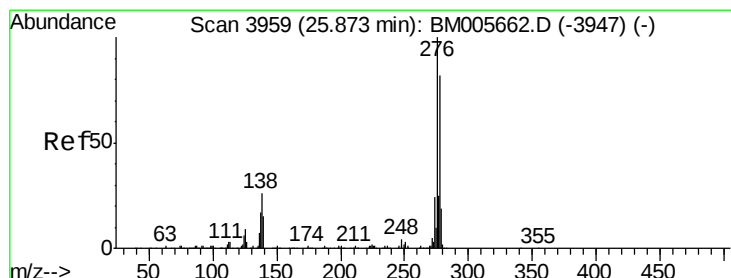
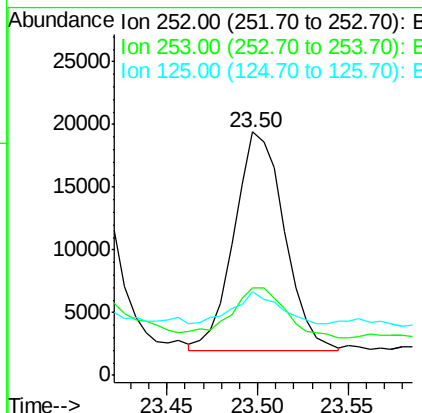
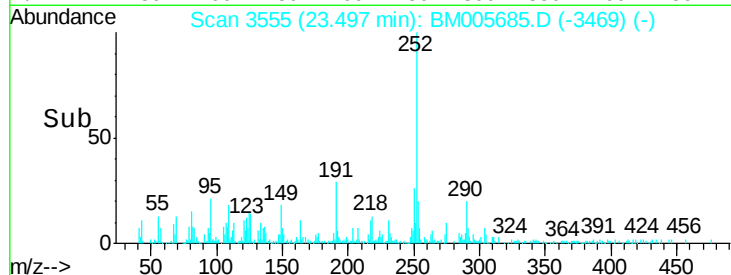
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.8	17.4	26.0#
125	34.3	8.2	12.2#

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#39

Indeno(1,2,3-cd)pyrene

Concen: 1.10 ng/ul

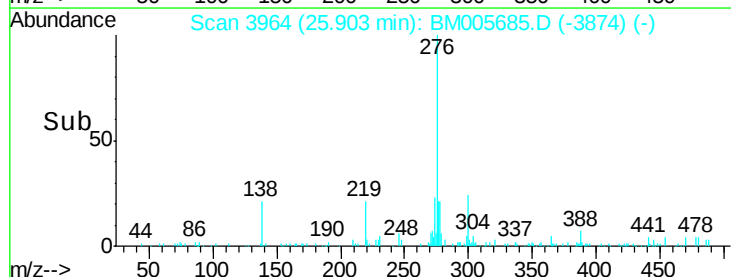
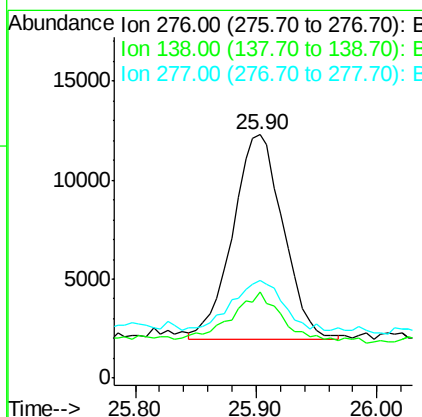
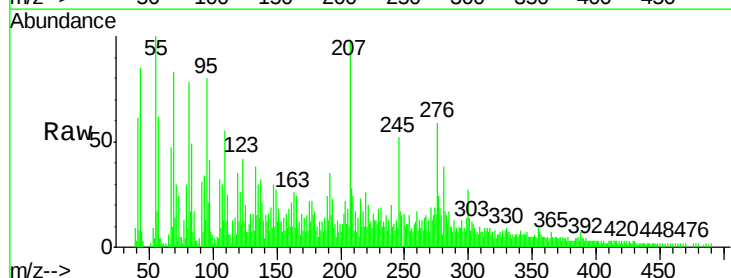
RT: 25.90 min Scan# 3964

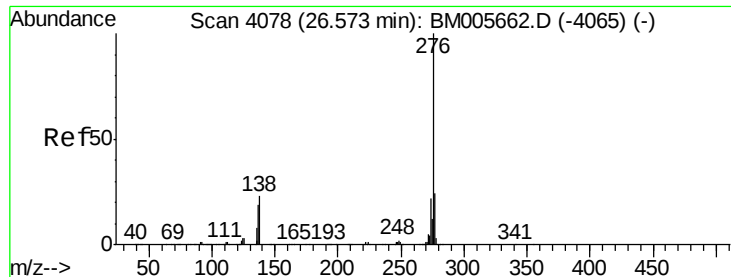
Delta R.T. 0.03 min

Lab File: BM005685.D

Acq: 07 Jun 2016 00:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.6	15.8	23.6#
277	40.0	19.0	28.6#





#41
 Benzo(g,h,i)perylene
 Concen: 1.48 ng/ul
 RT: 26.61 min Scan# 4084
 Delta R.T. 0.04 min
 Lab File: BM005685.D
 Acq: 07 Jun 2016 00:34

Instrument :
 BNA_M
 ClientSampleId :
 D9XT8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.4	13.9	20.9#
277	39.5	19.8	29.6#

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