

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005590.D
 Acq On : 22 May 2016 17:13
 Operator : UM/SJ
 Sample : H3087-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGK1

Manual Integrations
 APPROVED

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Quant Time: May 23 05:58:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 23 05:32:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	37618	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	187558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	130921	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	334846	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	463375	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	521852	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	2731	3.18	ng/uL	0.00
5) Phenol-d5	6.98	99	69407	22.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	42742	23.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	57271	22.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	62594	24.77	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	30078	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	34856	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	62831	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	90167	30.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	252118	23.59	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	290950	21.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	41325	20.44	ng/ul	0.00
57) Fluorene-d10	15.44	176	218895	23.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	29619	15.38	ng/ul	0.00
70) Anthracene-d10	17.29	188	365715	22.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	452883	21.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	548545	22.51	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.90	163	154314	14.61	ng/ul	99
69) Phenanthrene	17.23	178	36024	1.92	ng/ul	99
74) Fluoranthene	19.24	202	74140	3.52	ng/ul	99
77) Pyrene	19.60	202	70988	2.66	ng/ul	97
80) Benzo(a)anthracene	21.34	228	30818	1.13	ng/ul	97
82) Chrysene	21.40	228	37073m	1.43	ng/ul	
85) Benzo(b)fluoranthene	22.95	252	41117	1.34	ng/ul#	79
88) Benzo(a)pyrene	23.54	252	31416	1.05	ng/ul#	78

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

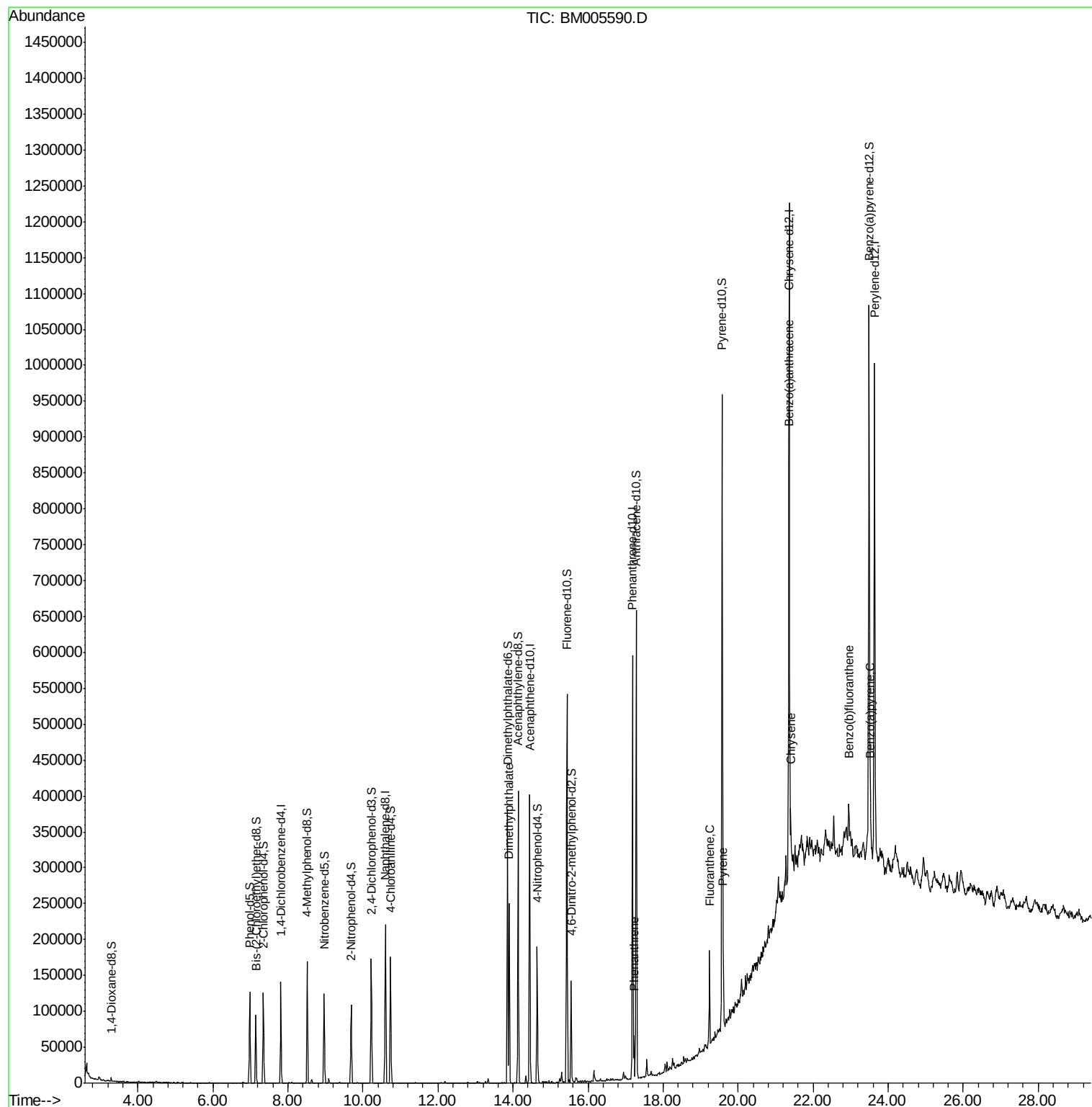
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
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ALS Vial : 9 Sample Multiplier: 1

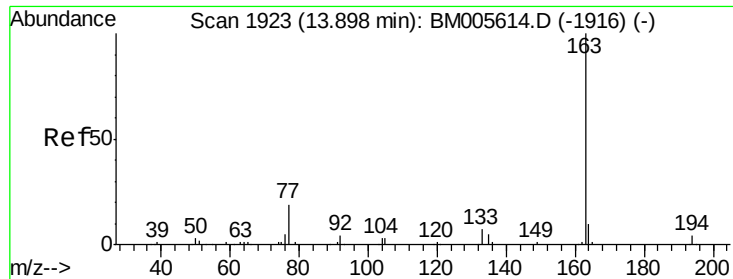
Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 14.61 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM005590.D

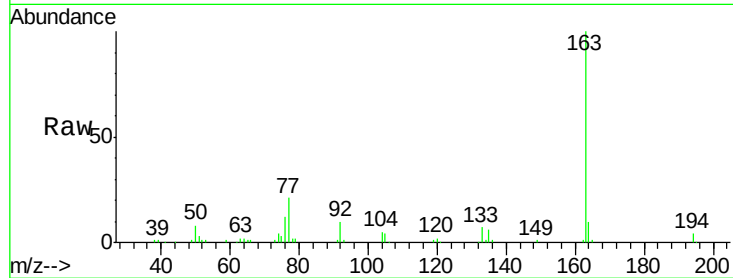
Acq: 22 May 2016 17:13

Instrument :

BNA_M

ClientSampled :

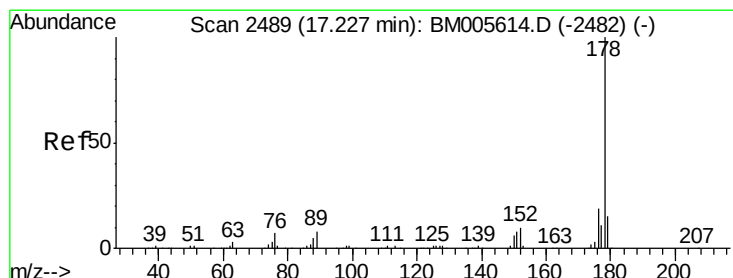
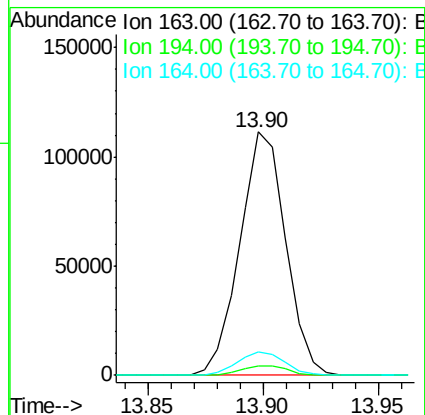
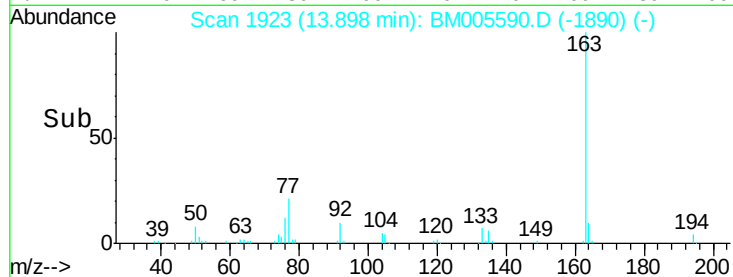
JHGK1



Tgt Ion:	163	Resp:	154314
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	9.7	8.0	12.0

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#69

Phenanthrene

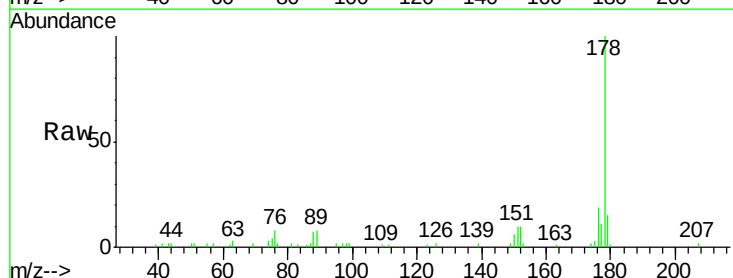
Concen: 1.92 ng/ul

RT: 17.23 min Scan# 2489

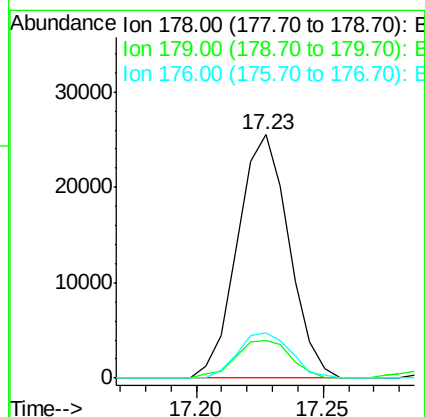
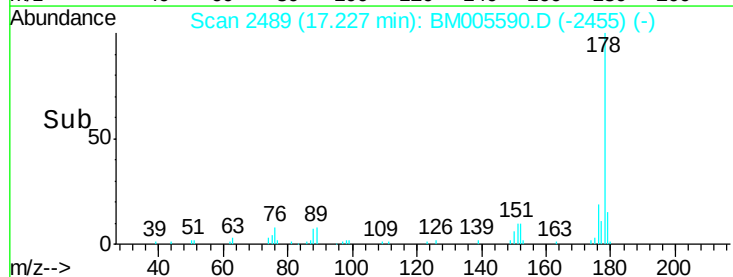
Delta R.T. -0.00 min

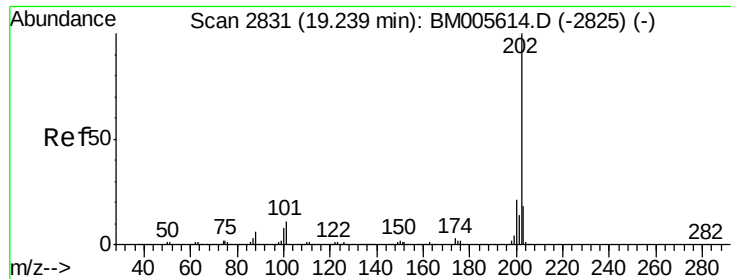
Lab File: BM005590.D

Acq: 22 May 2016 17:13



Tgt Ion:	178	Resp:	36024
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.2
176	18.7	15.8	23.6





#74

Fluoranthene

Concen: 3.52 ng/ul

RT: 19.24 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BM005590.D

Acq: 22 May 2016 17:13

Instrument :

BNA_M

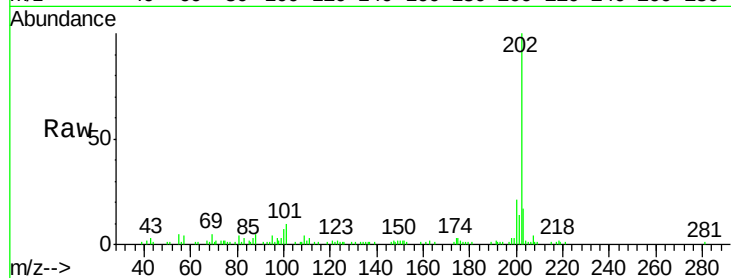
ClientSampleId :

JHGK1

Tgt Ion:	202	Resp:	74140
Ion Ratio	Lower	Upper	
202	100		
101	10.1	7.9	11.9
100	6.7	5.6	8.4

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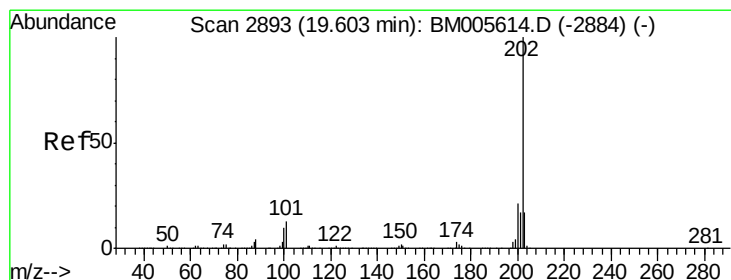
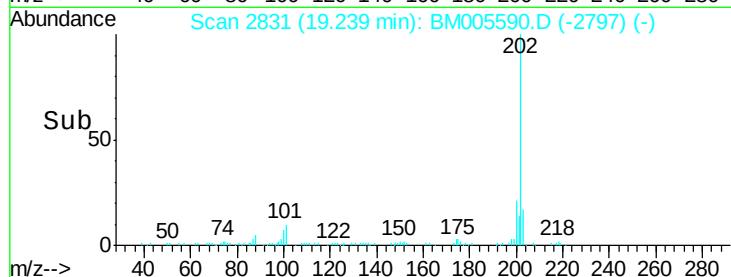
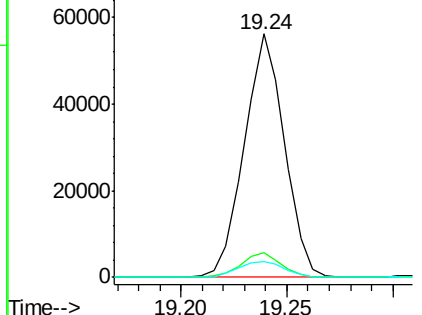
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 2.66 ng/ul

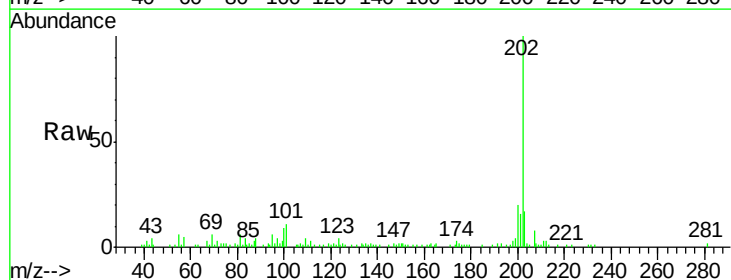
RT: 19.60 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BM005590.D

Acq: 22 May 2016 17:13

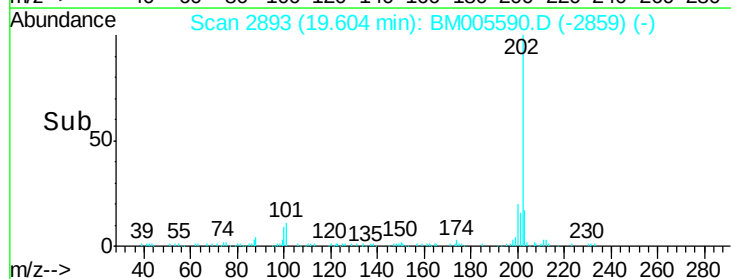
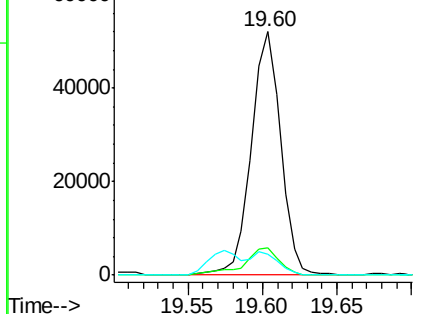
Tgt Ion:	202	Resp:	70988
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.6	14.4
100	8.6	7.8	11.6

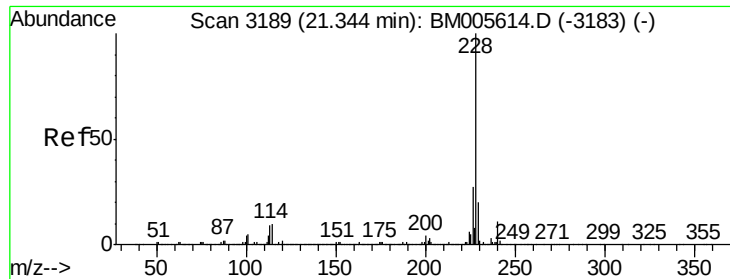


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.13 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BM005590.D

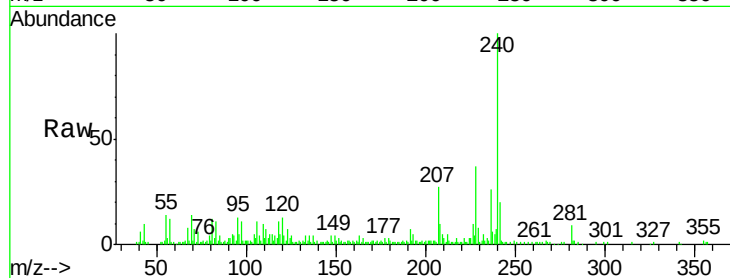
Acq: 22 May 2016 17:13

Instrument :

BNA_M

ClientSampleId :

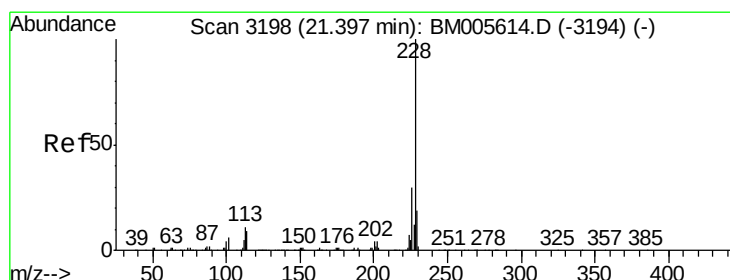
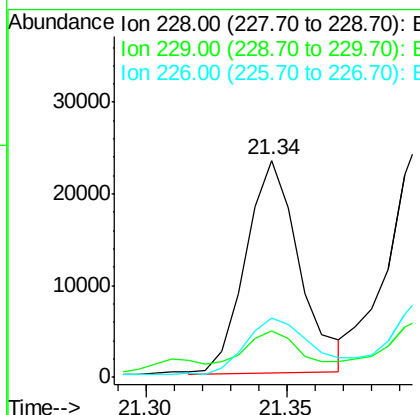
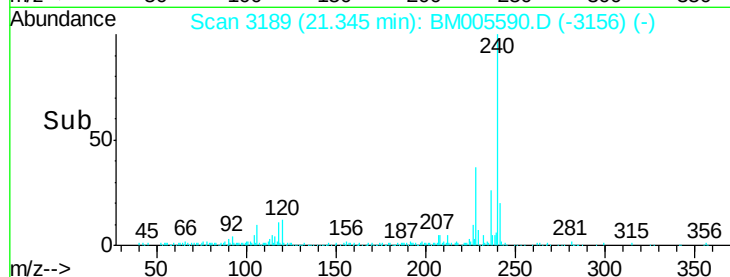
JHKG1



Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	21.3	15.4	23.2	
226	27.1	21.0	31.4	

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#82

Chrysene

Concen: 1.43 ng/ul m

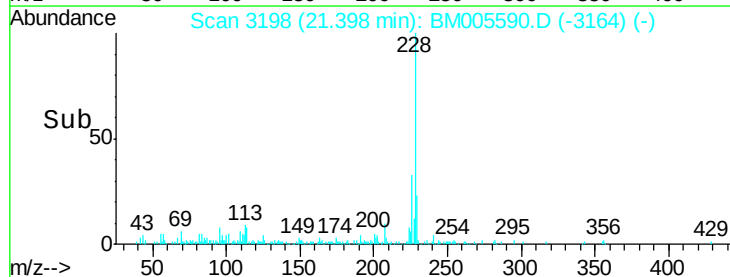
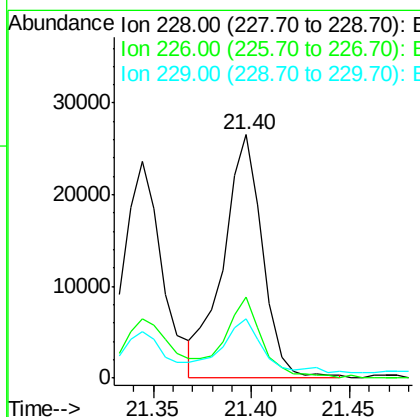
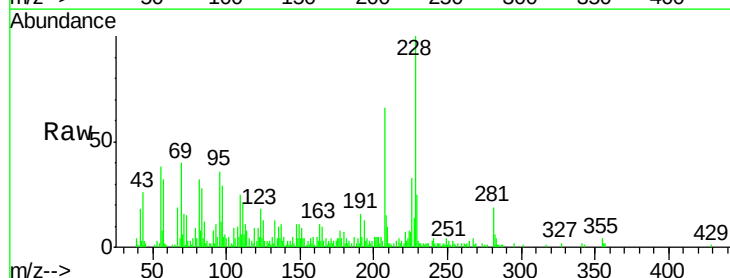
RT: 21.40 min Scan# 3198

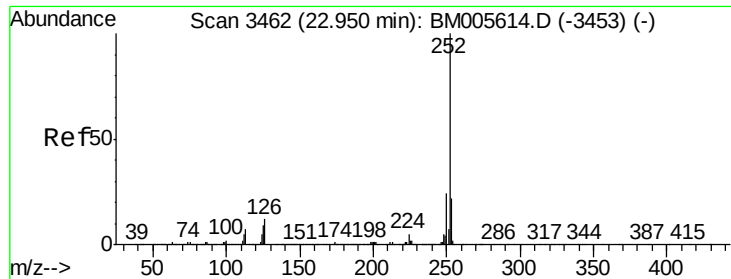
Delta R.T. -0.00 min

Lab File: BM005590.D

Acq: 22 May 2016 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	33.4	23.7	35.5	
229	24.5	15.5	23.3#	





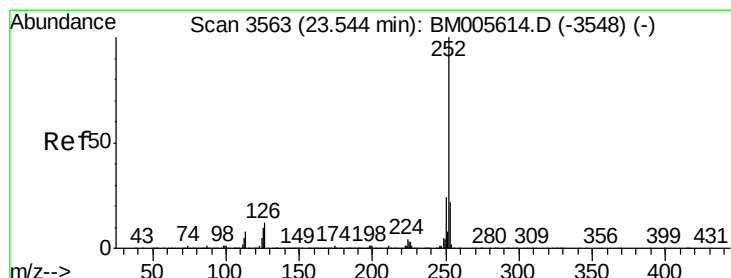
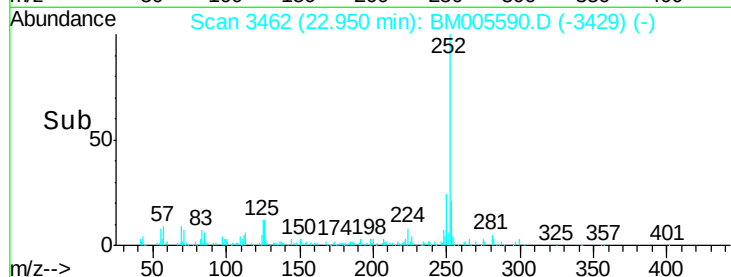
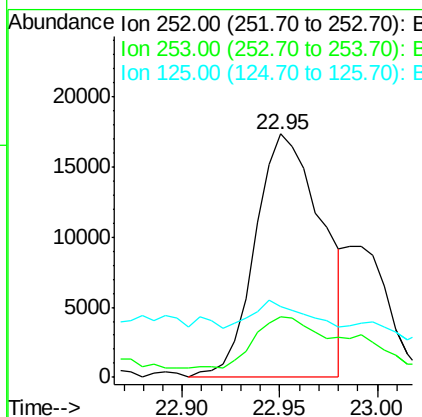
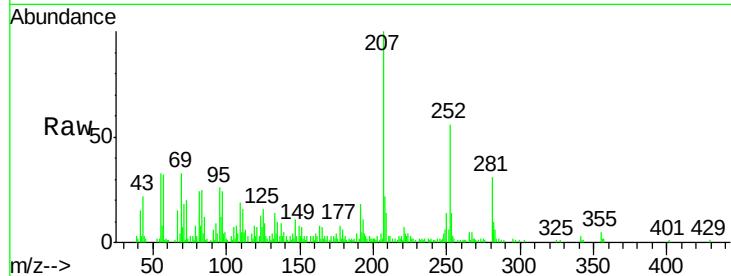
#85
Benzo(b)fluoranthene
Concen: 1.34 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Instrument :
BNA_M
ClientSampleId :
JHGK1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.3	25.9
125	29.0	7.0	10.4

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#88
Benzo(a)pyrene
Concen: 1.05 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.6	26.4
125	27.4	7.6	11.4

