

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072616\
 Data File : BM006660.D
 Acq On : 26 Jul 2016 21:34
 Operator : UM/SJ
 Sample : H4062-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJC4

Manual Integrations

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Quant Time: Jul 27 04:19:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 26 15:24:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	151387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	676782	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	392987	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	910853	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1062309	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	1112052	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	5210	1.34	ng/uL	0.00
5) Phenol-d5	6.79	99	191260	14.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	128239	15.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	152107	14.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	134549	12.89	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	72450	13.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	79662	14.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	138641	13.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	189329	18.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	470963	15.02	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	583889	14.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	53131m	9.85	ng/ul	0.00
57) Fluorene-d10	15.26	176	426699	15.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	33155	6.68	ng/ul	0.00
70) Anthracene-d10	17.12	188	653171	15.37	ng/ul	0.00
76) Pyrene-d10	19.42	212	750070	15.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	771658	15.33	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.44	128	55042	1.63	ng/ul	96
44) Dimethylphthalate	13.72	163	189528	6.04	ng/ul	99
74) Fluoranthene	19.08	202	123115	2.20	ng/ul	97
77) Pyrene	19.45	202	118204	1.82	ng/ul	99
80) Benzo(a)anthracene	21.20	228	92450m	1.46	ng/ul	
82) Chrysene	21.25	228	99907	1.73	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	114655	1.74	ng/ul#	92
88) Benzo(a)pyrene	23.32	252	101270	1.62	ng/ul#	94

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

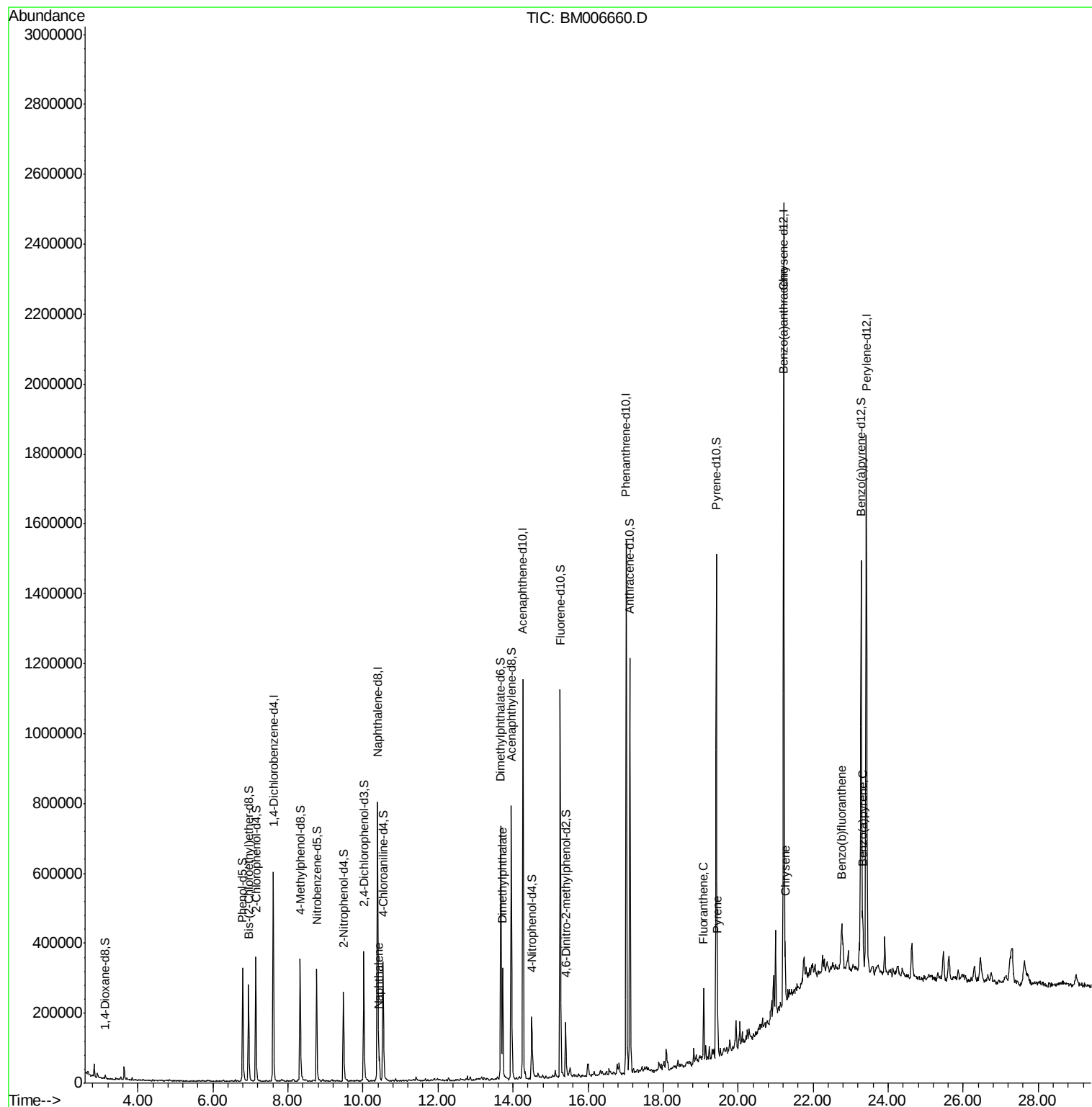
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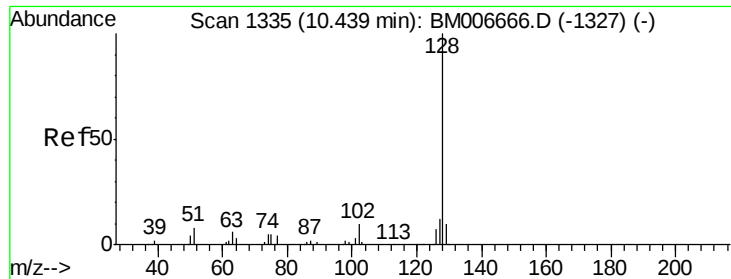
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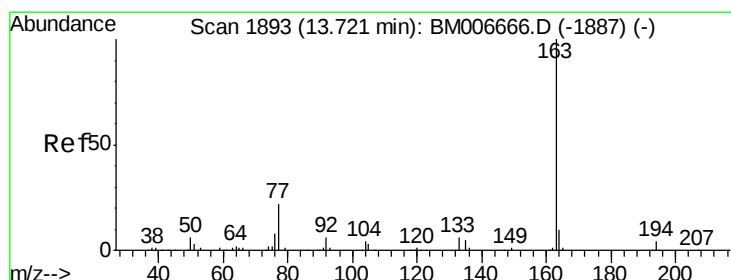
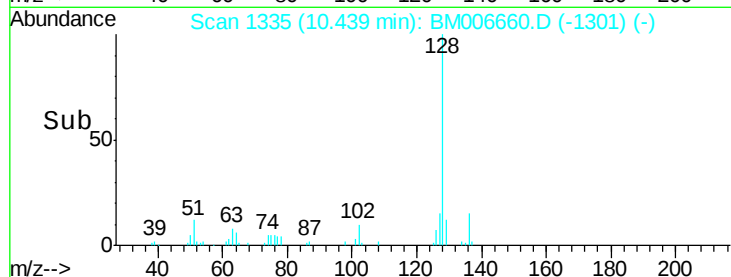
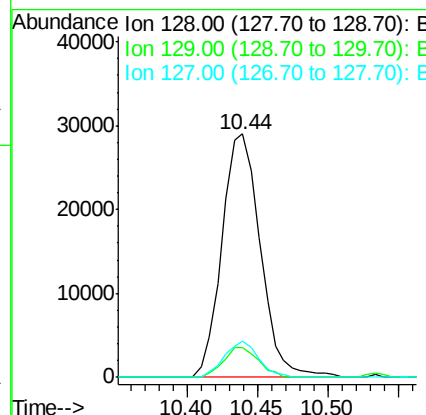
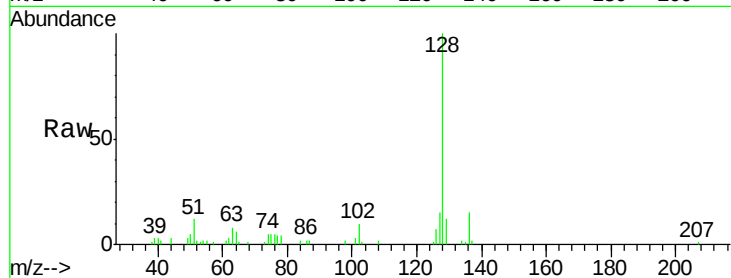
#28
Naphthalene
Concen: 1.63 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BM006660.D
Acq: 26 Jul 2016 21:34

Instrument :
BNA_M
ClientSampleId :
BDJC4

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	13.0
127	14.9	10.9	16.3

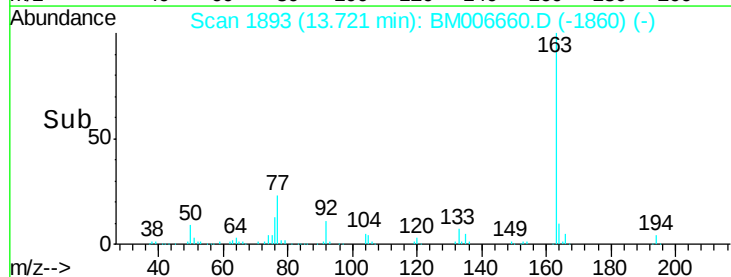
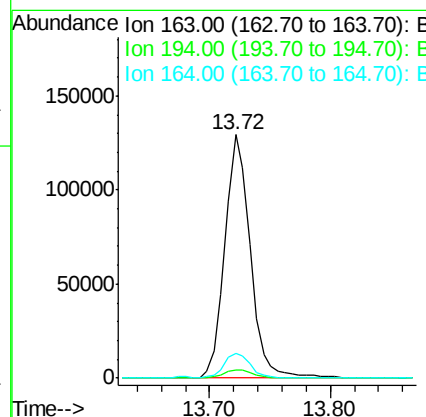
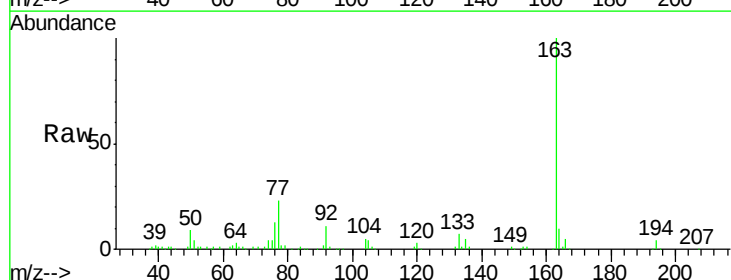
Manual Integrations

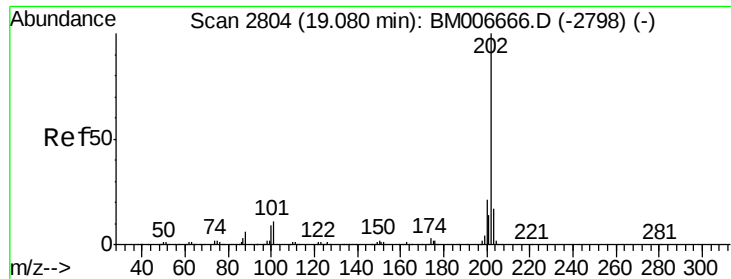
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#44
Dimethylphthalate
Concen: 6.04 ng/ul
RT: 13.72 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM006660.D
Acq: 26 Jul 2016 21:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	10.1	7.8	11.8





#74

Fluoranthene

Concen: 2.20 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM006660.D

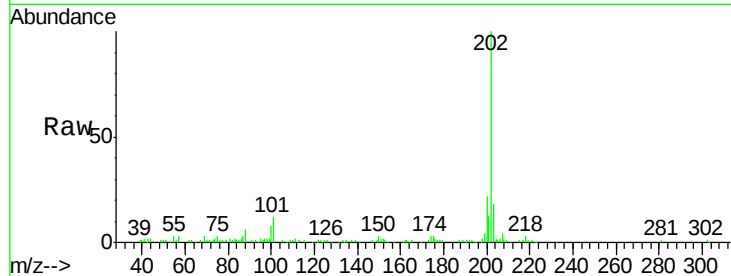
Acq: 26 Jul 2016 21:34

Instrument :

BNA_M

ClientSampleId :

BDJC4

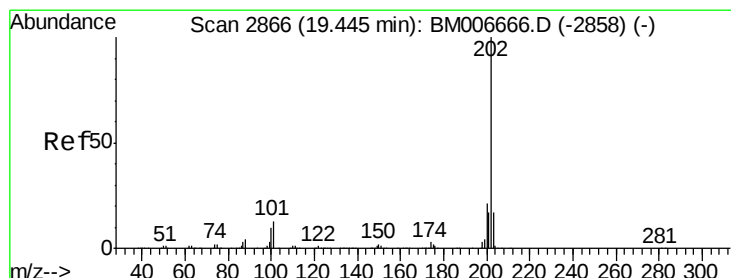
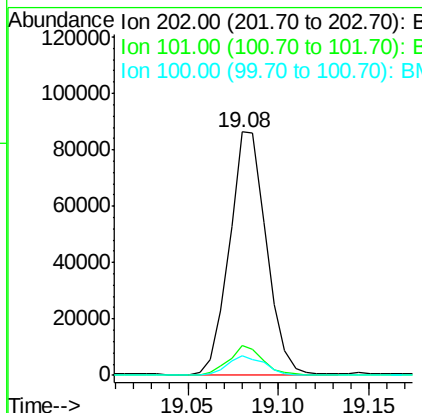
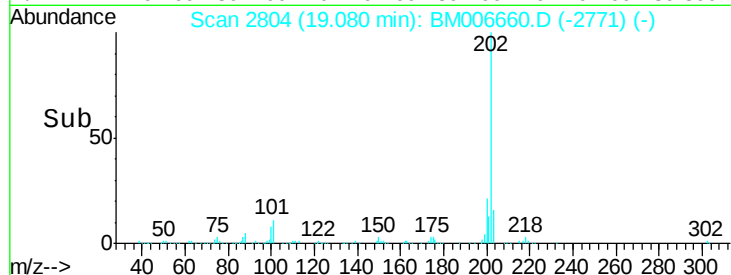


Tgt Ion	Ratio	Resp	Lower	Upper
202	100	123115		
101	12.3	8.6	12.8	
100	8.2	6.4	9.6	

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#77

Pyrene

Concen: 1.82 ng/ul

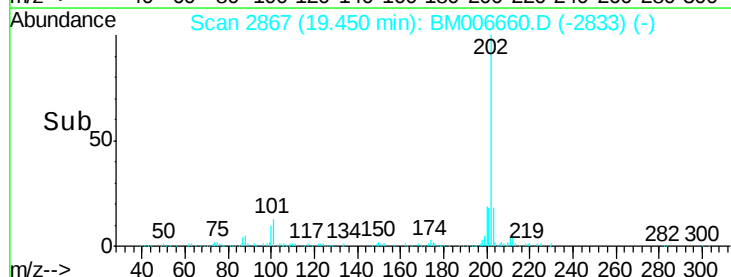
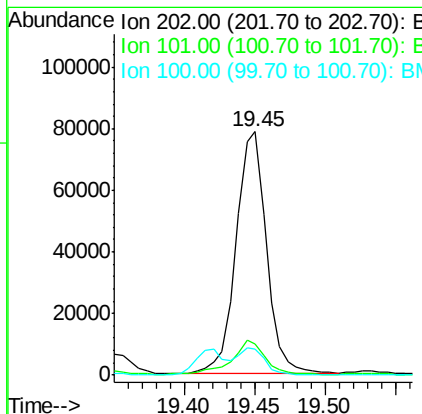
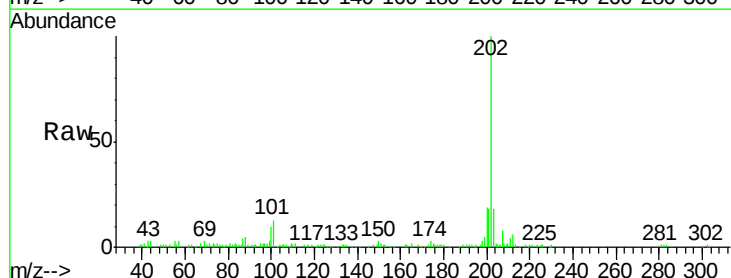
RT: 19.45 min Scan# 2867

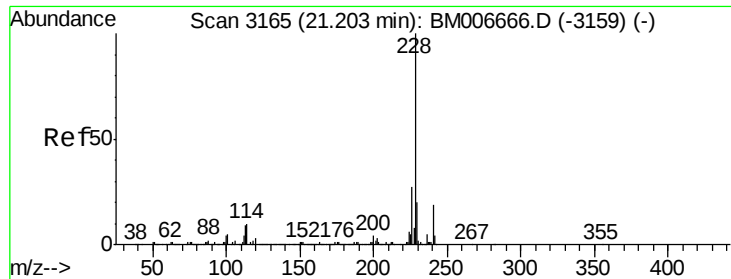
Delta R.T. -0.00 min

Lab File: BM006660.D

Acq: 26 Jul 2016 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	118204		
101	12.7	10.0	15.0	
100	10.5	7.9	11.9	





#80

Benzo(a)anthracene

Concen: 1.46 ng/ul m

RT: 21.20 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BM006660.D

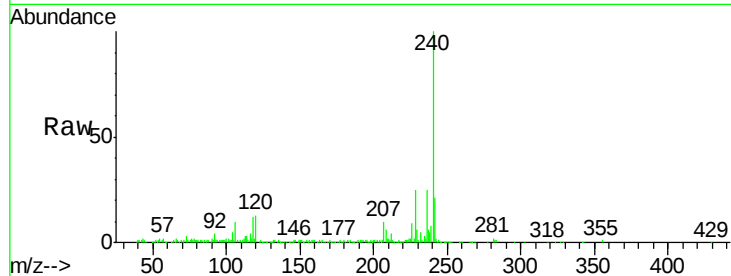
Acq: 26 Jul 2016 21:34

Instrument :

BNA_M

ClientSampleId :

BDJC4

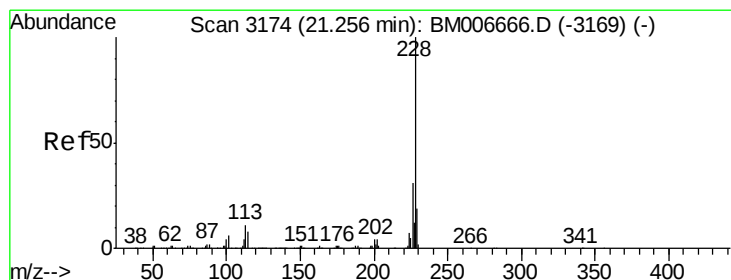
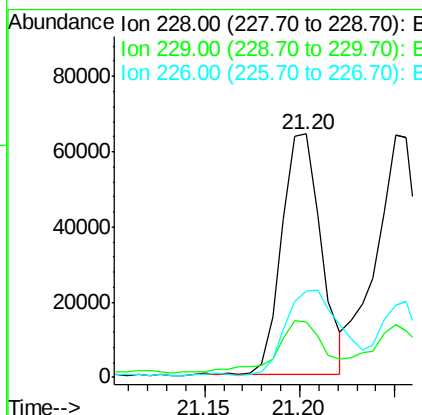
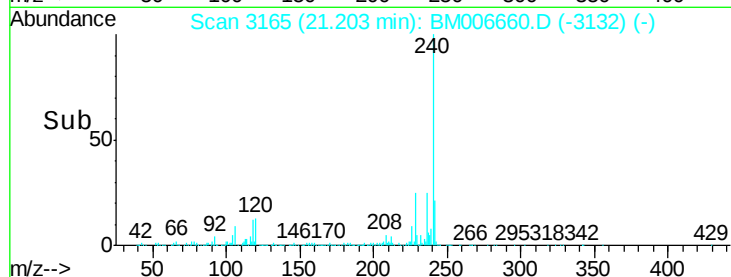


Tgt Ion:	228	Resp:	92450
Ion Ratio	Lower	Upper	
228	100		
229	22.7	15.6	23.4
226	35.5	21.4	32.2#

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#82

Chrysene

Concen: 1.73 ng/ul

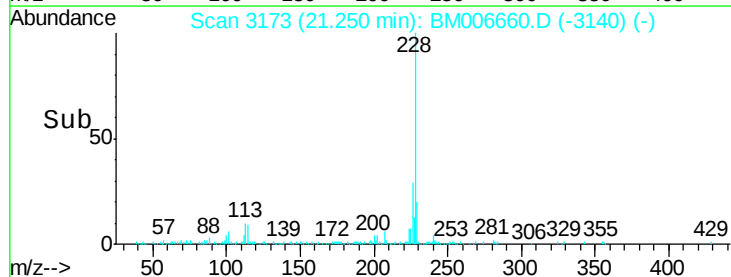
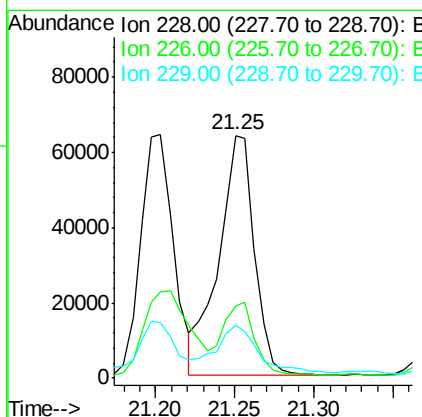
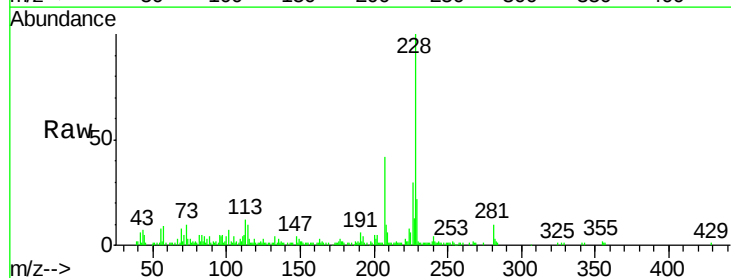
RT: 21.25 min Scan# 3173

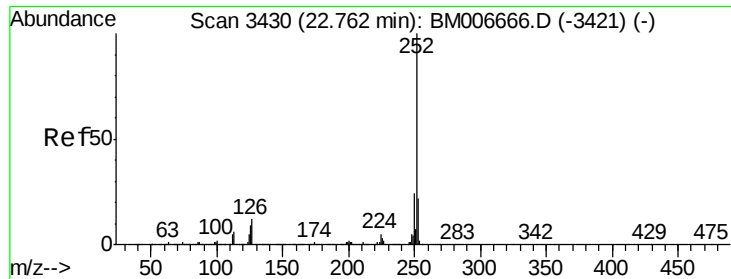
Delta R.T. -0.01 min

Lab File: BM006660.D

Acq: 26 Jul 2016 21:34

Tgt Ion:	228	Resp:	99907
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.3	34.9
229	21.7	15.8	23.8





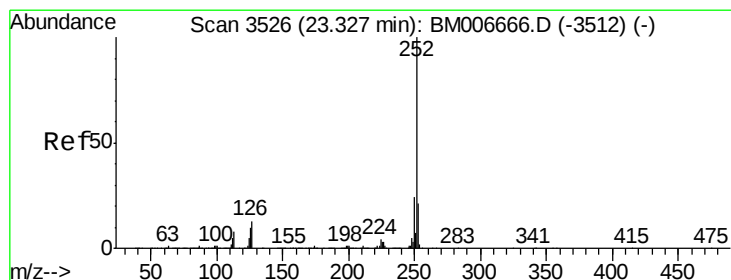
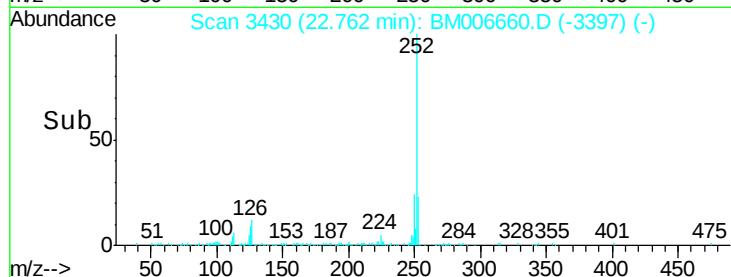
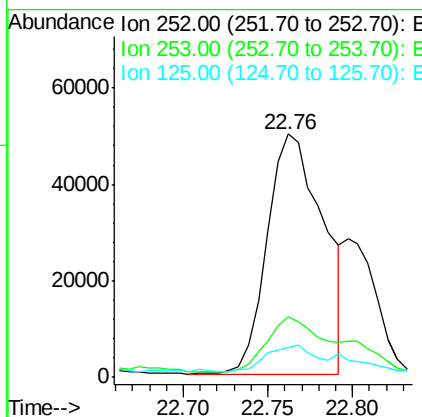
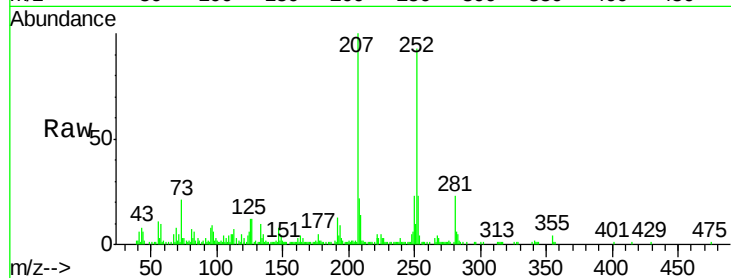
#85
Benzo(b)fluoranthene
Concen: 1.74 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. -0.01 min
Lab File: BM006660.D
Acq: 26 Jul 2016 21:34

Instrument :
BNA_M
ClientSampleId :
BDJC4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.2
125	12.4	6.7	10.1

Manual Integrations

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#88
Benzo(a)pyrene
Concen: 1.62 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BM006660.D
Acq: 26 Jul 2016 21:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	11.9	7.6	11.4

