

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
 Data File : BM006530.D
 Acq On : 19 Jul 2016 19:46
 Operator : UM/SJ
 Sample : H4029-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJA4

Manual Integrations

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 7/20/2016 7:47:53 PM

Quant Time: Jul 20 04:48:59 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 20 04:22:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	176758	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	720751	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	411249	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	933666	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	1119103	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1203309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	4026	0.96	ng/uL	0.00
5) Phenol-d5	6.79	99	138720	9.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	95689	10.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	117628	10.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	109437	9.51	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	51468	9.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	51106	8.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	96135	8.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	136146	11.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	328991	9.77	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	420179	10.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	26083m	4.46	ng/ul	0.01
57) Fluorene-d10	15.26	176	310740	10.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	16012	2.96	ng/ul	0.00
70) Anthracene-d10	17.12	188	480751	10.89	ng/ul	0.00
76) Pyrene-d10	19.42	212	574564	11.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	631596	11.48	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.72	163	298668	8.75	ng/ul	99
74) Fluoranthene	19.08	202	141397	2.37	ng/ul	98
77) Pyrene	19.44	202	172038	2.57	ng/ul	99
80) Benzo(a)anthracene	21.20	228	125597m	1.84	ng/ul	
82) Chrysene	21.25	228	138707	2.16	ng/ul	95
85) Benzo(b)fluoranthene	22.76	252	133196	1.85	ng/ul#	94
88) Benzo(a)pyrene	23.31	252	137003	1.99	ng/ul	98

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

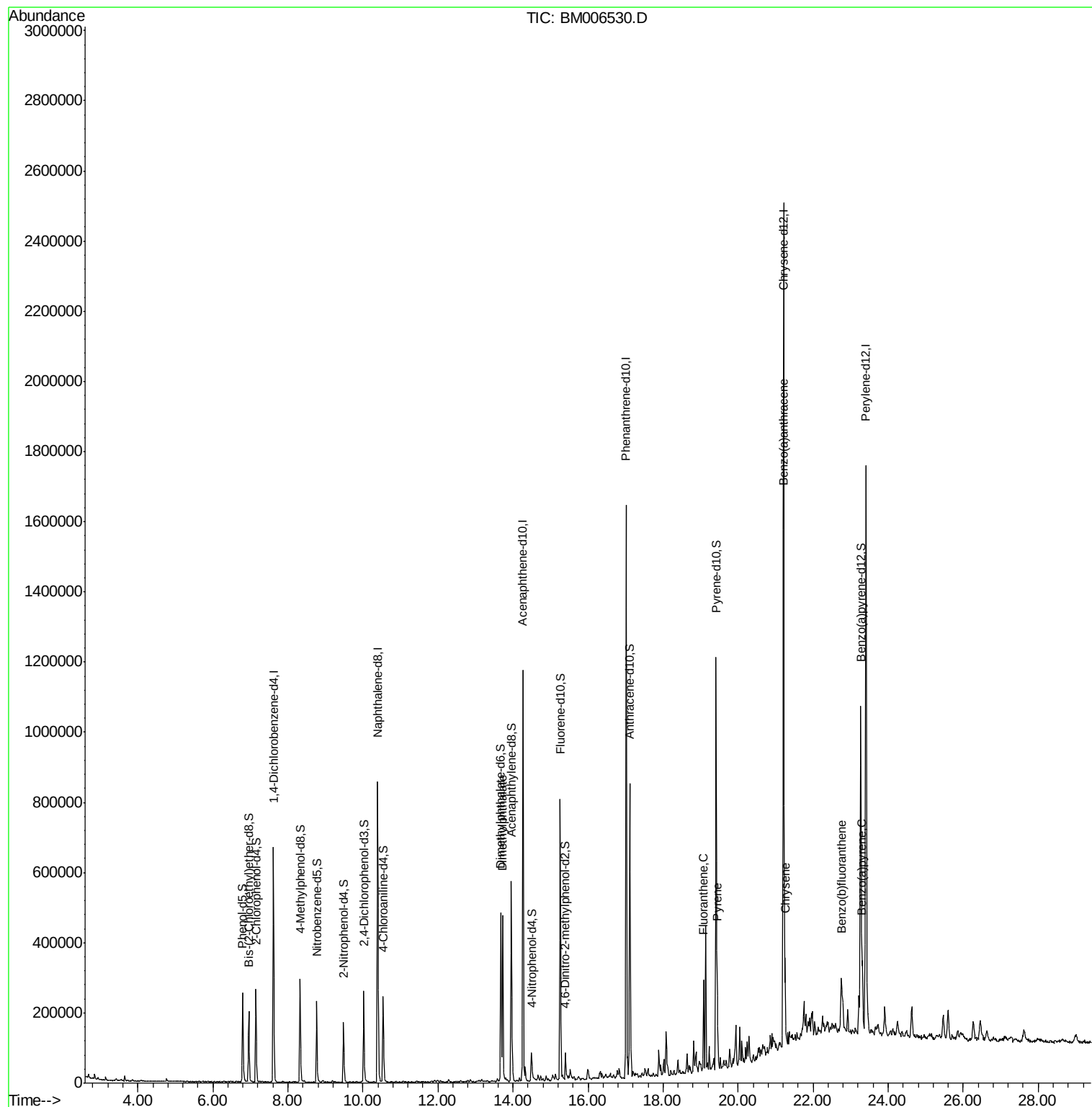
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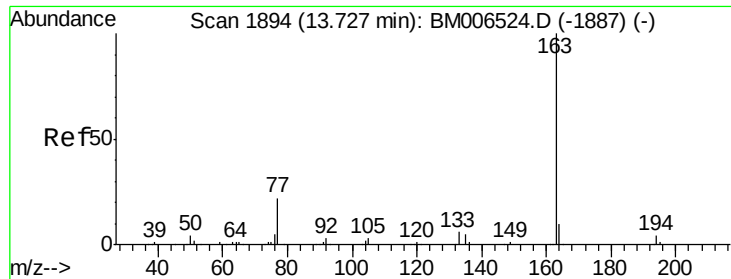
Instrument :
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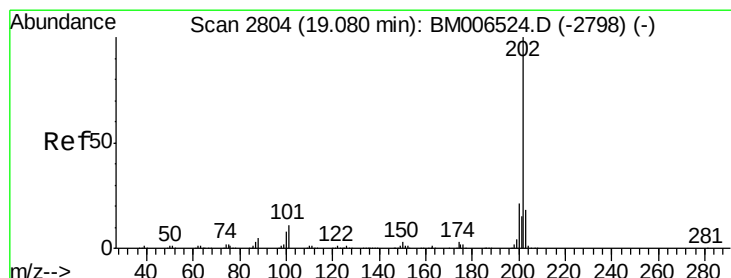
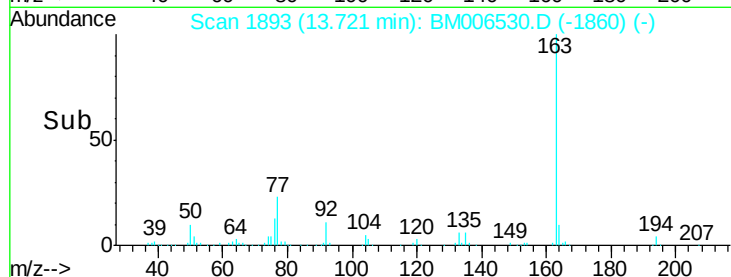
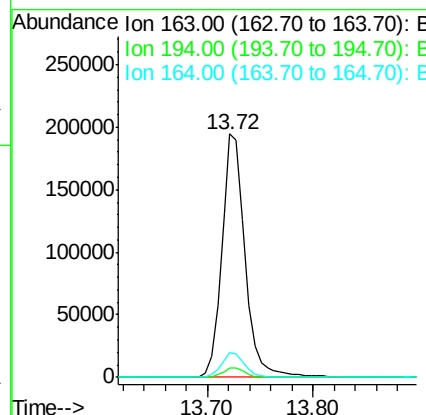
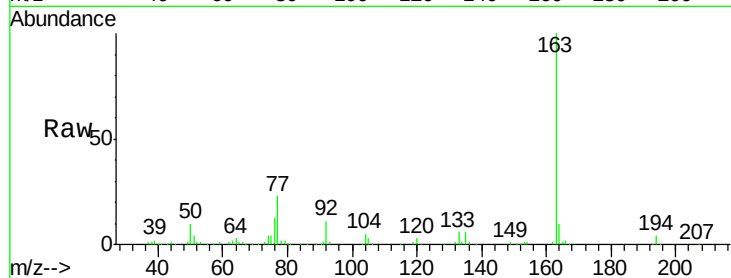
#44
 Dimethylphthalate
 Concen: 8.75 ng/ul
 RT: 13.72 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BM006530.D
 Acq: 19 Jul 2016 19:46

Instrument :
 BNA_M
 ClientSampled :
 BDJA4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	298668		
194	3.8		3.4	5.0
164	10.2		7.8	11.8

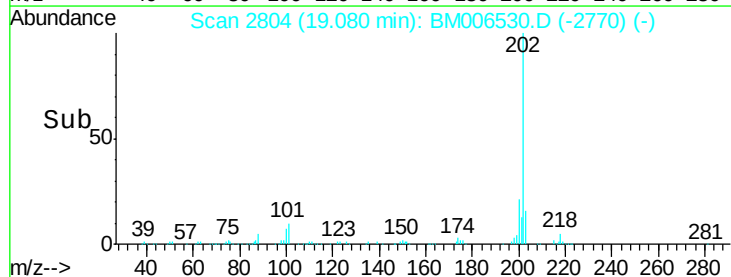
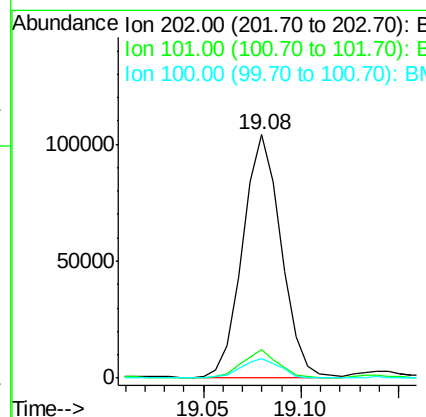
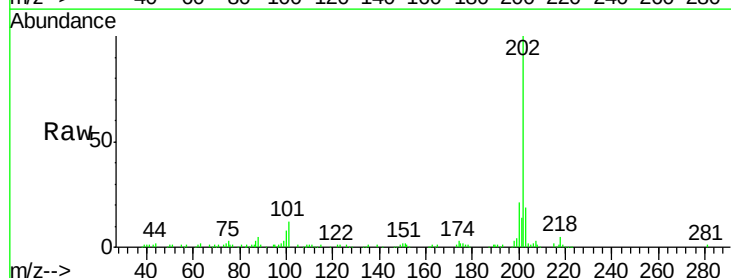
Manual Integrations

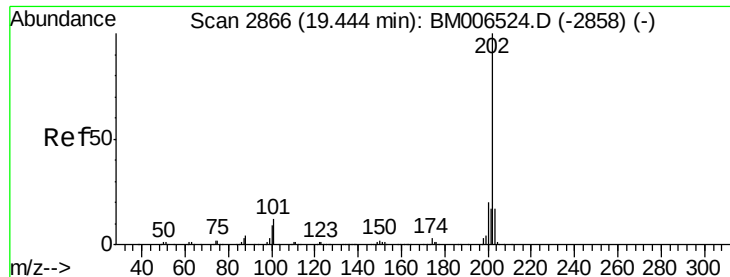
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#74
 Fluoranthene
 Concen: 2.37 ng/ul
 RT: 19.08 min Scan# 2804
 Delta R.T. -0.00 min
 Lab File: BM006530.D
 Acq: 19 Jul 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	141397		
101	11.7		8.6	12.8
100	8.0		6.4	9.6





#77

Pyrene

Concen: 2.57 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BM006530.D

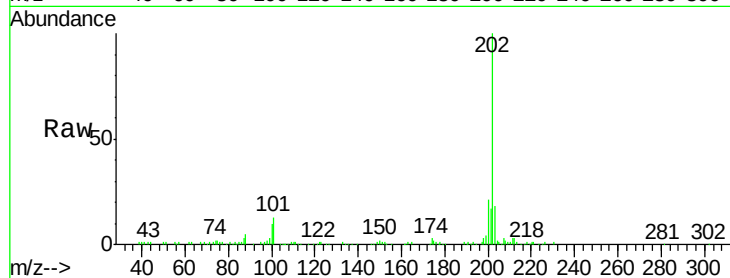
Acq: 19 Jul 2016 19:46

Instrument :

BNA_M

ClientSampleId :

BDJA4

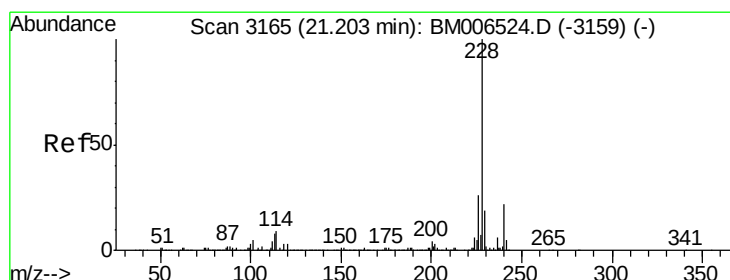
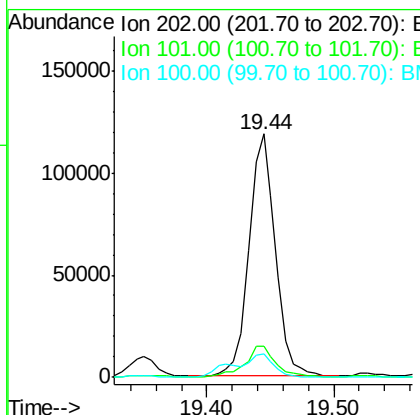
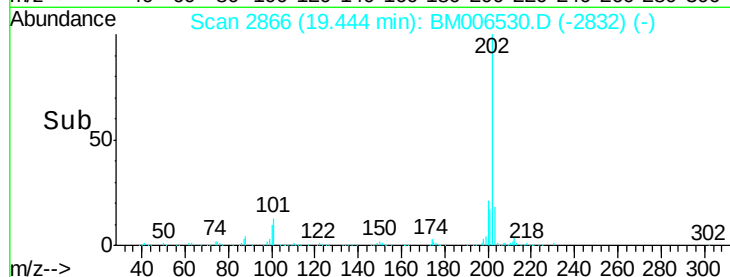


Tgt Ion:	202	Resp:	172038
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.0	15.0
100	9.7	7.9	11.9

Manual Integrations

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#80

Benzo(a)anthracene

Concen: 1.84 ng/ul m

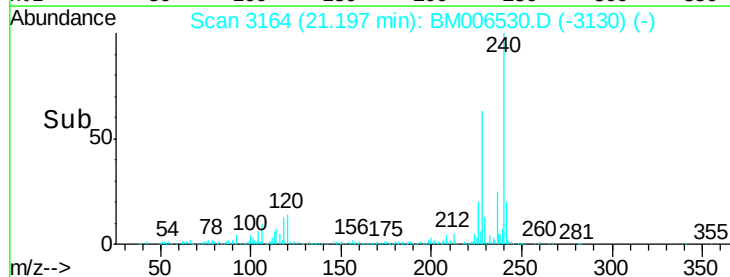
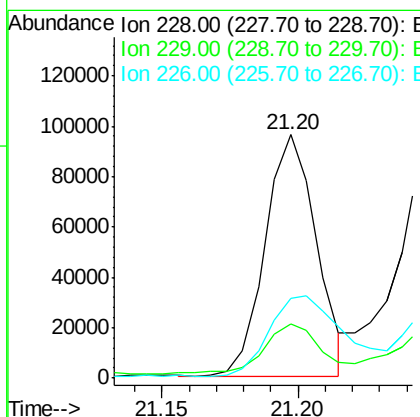
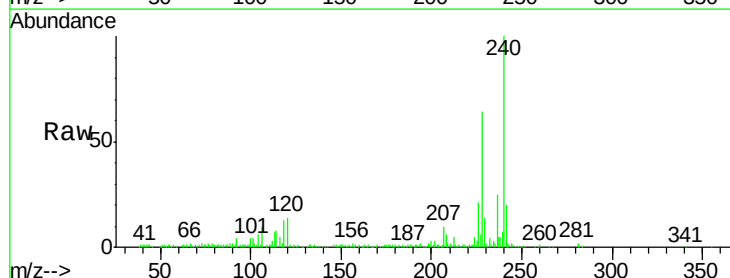
RT: 21.20 min Scan# 3164

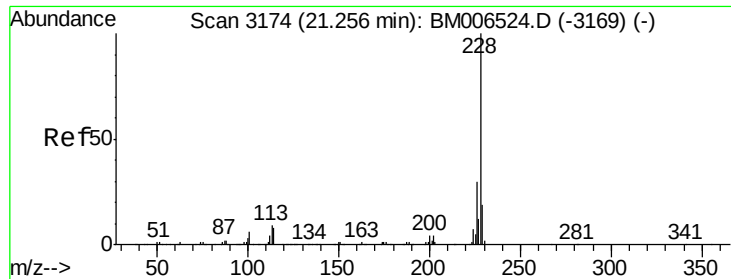
Delta R.T. -0.00 min

Lab File: BM006530.D

Acq: 19 Jul 2016 19:46

Tgt Ion:	228	Resp:	125597
Ion Ratio	Lower	Upper	
228	100		
229	22.4	15.6	23.4
226	32.7	21.4	32.2#





#82

Chrysene

Concen: 2.16 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BM006530.D

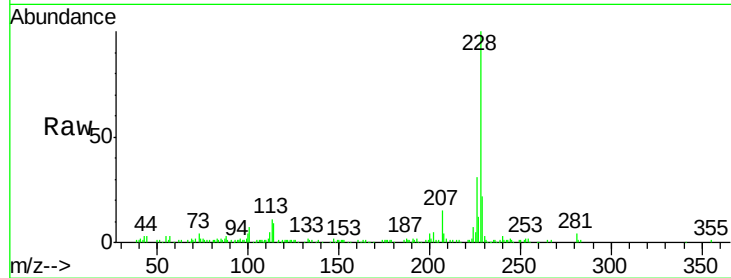
Acq: 19 Jul 2016 19:46

Instrument :

BNA_M

ClientSampleId :

BDJA4

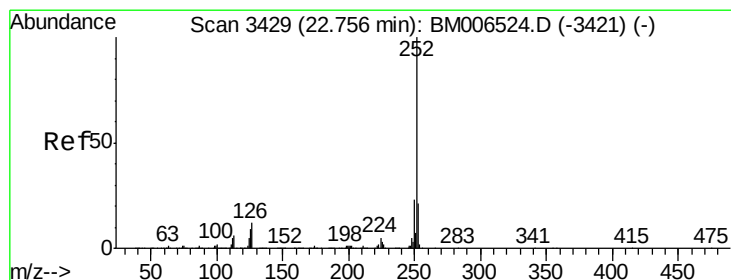
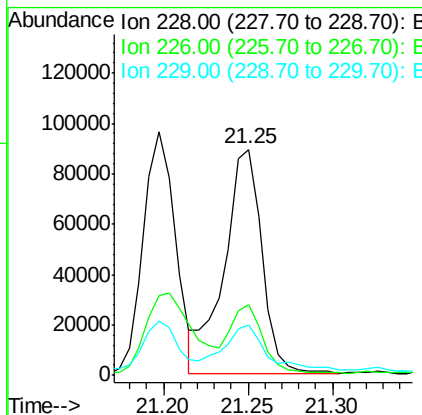
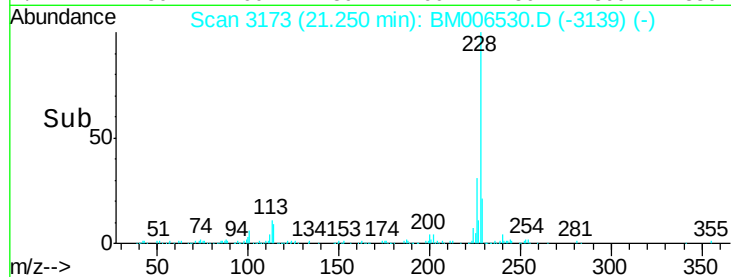


Tgt Ion:	228	Resp:	138707
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.3	34.9
229	22.5	15.8	23.8

Manual Integrations

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#85

Benzo(b)fluoranthene

Concen: 1.85 ng/ul

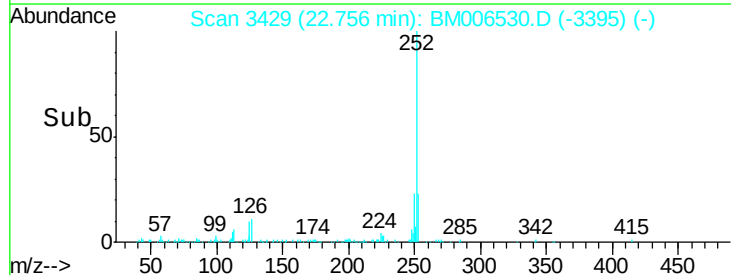
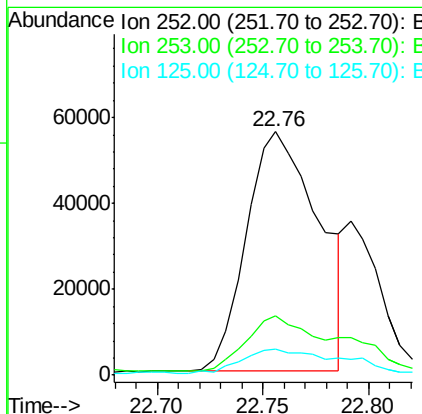
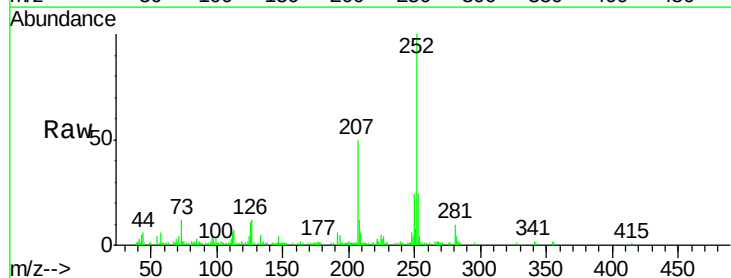
RT: 22.76 min Scan# 3429

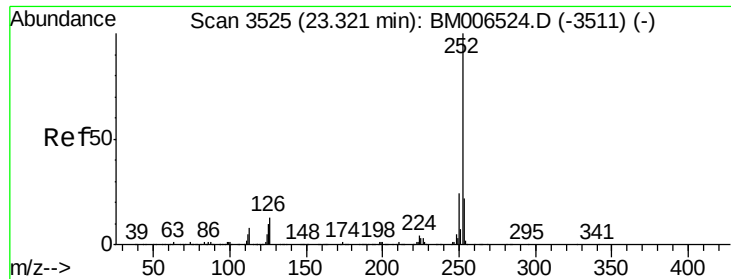
Delta R.T. -0.00 min

Lab File: BM006530.D

Acq: 19 Jul 2016 19:46

Tgt Ion:	252	Resp:	133196
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.4	26.2
125	10.9	6.7	10.1#





#88

Benzo(a)pyrene

Concen: 1.99 ng/ul

RT: 23.31 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BM006530.D

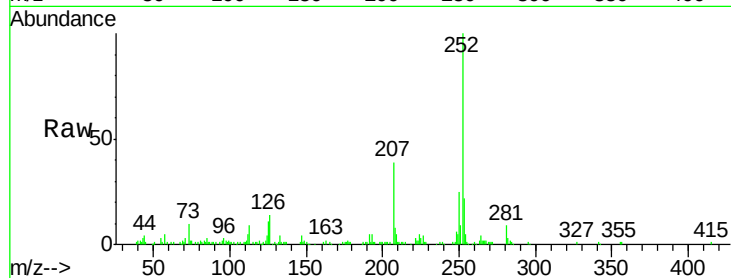
Acq: 19 Jul 2016 19:46

Instrument :

BNA_M

ClientSampleId :

BDJA4



Tgt	Ion	Ratio	Lower	Upper
252	100			
253	22.1	17.4	26.2	
125	10.8	7.6	11.4	

Manual Integrations

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