

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
 Data File : BM006537.D
 Acq On : 20 Jul 2016 00:01
 Operator : UM/SJ
 Sample : H4029-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJB1

Manual Integrations

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Quant Time: Jul 20 05:14:47 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	183868	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	766074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	425702	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	959013	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	1134226	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1217976	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	8292	1.90	ng/uL	0.00
5) Phenol-d5	6.79	99	304638	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	197175	21.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	246104	20.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	237481	19.84	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	113949	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	122311	18.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	223114	18.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	308853	23.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	673439	19.33	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	848152	19.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	96703	15.98	ng/ul	0.00
57) Fluorene-d10	15.26	176	596275	19.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	75002	13.52	ng/ul	0.00
70) Anthracene-d10	17.11	188	937366	20.68	ng/ul	0.00
76) Pyrene-d10	19.42	212	1086250	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1188893	21.35	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.72	163	208868	5.91	ng/ul	98
74) Fluoranthene	19.08	202	338825	5.53	ng/ul	100
77) Pyrene	19.44	202	339059	5.01	ng/ul	99
80) Benzo(a)anthracene	21.20	228	258208	3.73	ng/ul	93
82) Chrysene	21.25	228	248015	3.81	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	359595	4.94	ng/ul#	98
86) Benzo(k)fluoranthene	22.79	252	133234m	1.95	ng/ul	
88) Benzo(a)pyrene	23.31	252	291583	4.18	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	167045	2.06	ng/ul	98
91) Benzo(g,h,i)perylene	26.27	276	131939	1.84	ng/ul	98

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

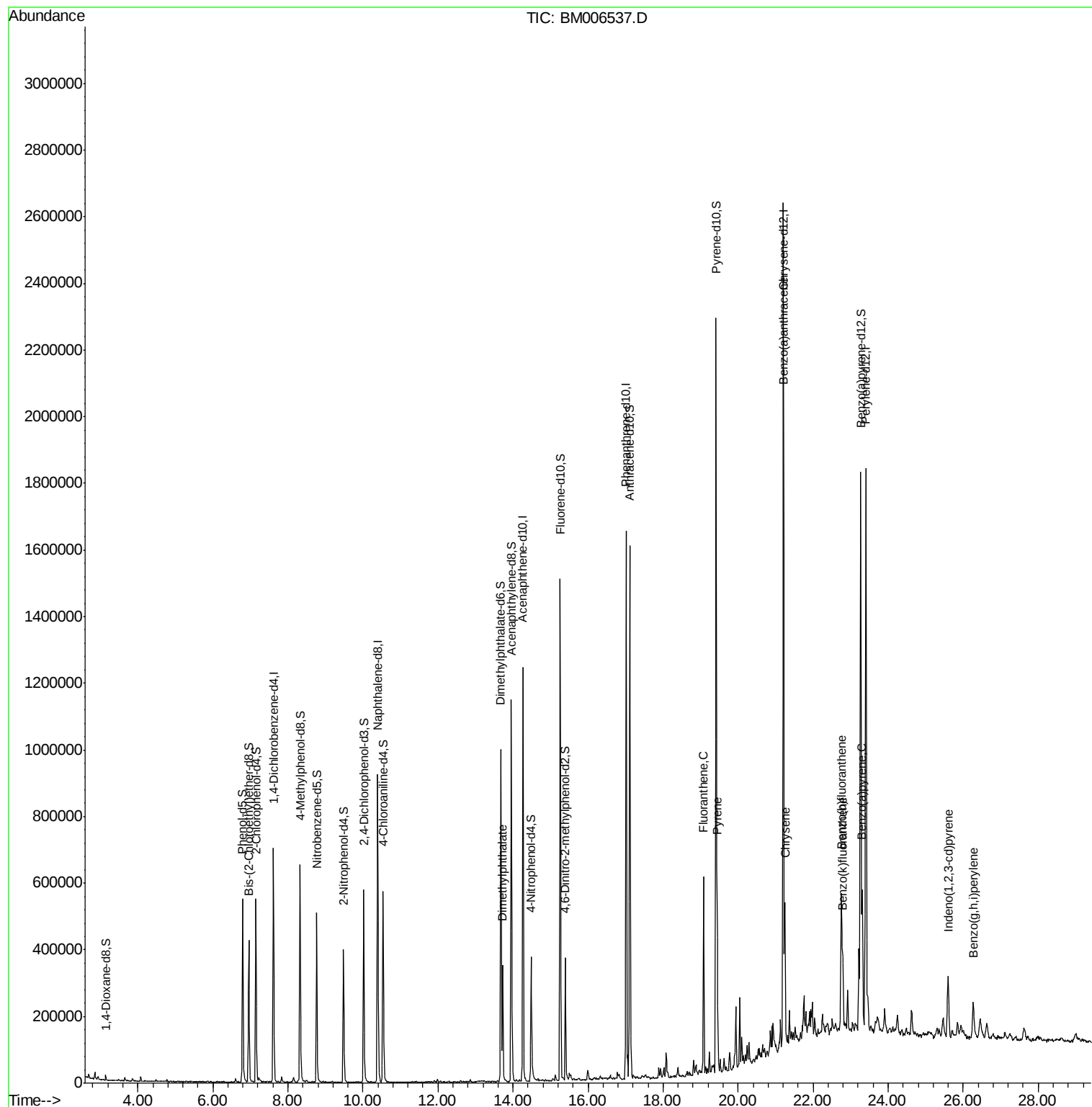
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
Data File : BM006537.D
Acq On : 20 Jul 2016 00:01
Operator : UM/SJ
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ALS Vial : 17 Sample Multiplier: 1

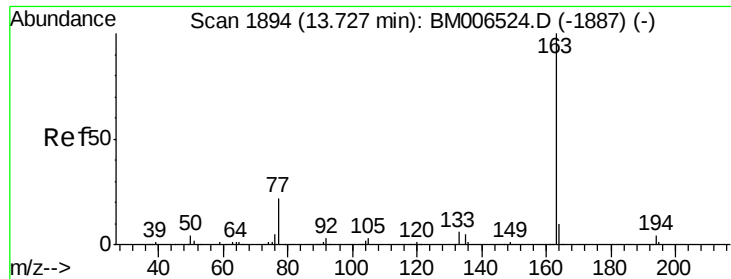
Instrument :
BNA_M
ClientSampleId :
BDJB1

Manual Integrations

Quant Time: Jul 20 05:14:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
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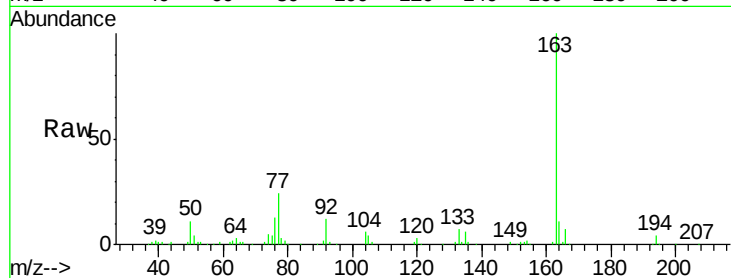
#44
Dimethylphthalate
Concen: 5.91 ng/ul
RT: 13.72 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM006537.D
Acq: 20 Jul 2016 00:01

Instrument :
BNA_M
ClientSampleId :
BDJB1

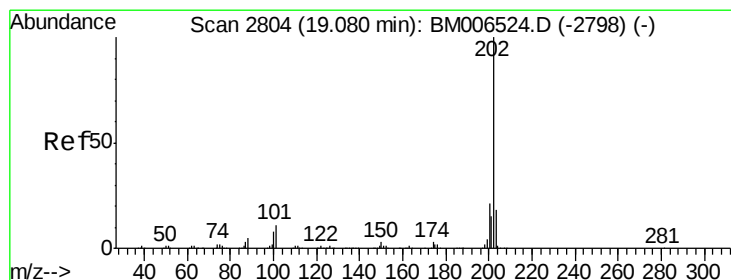
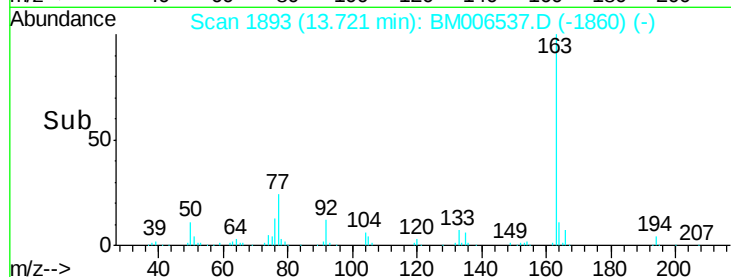
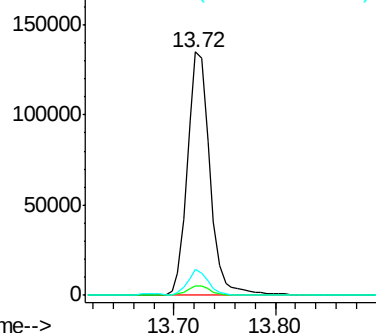
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.6	7.8	11.8

Manual Integrations

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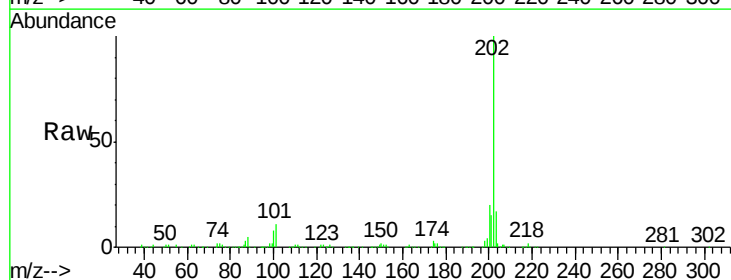


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

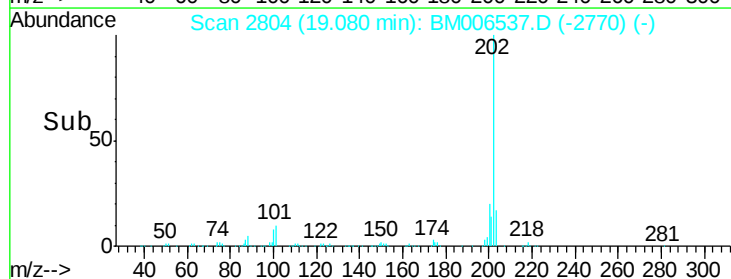
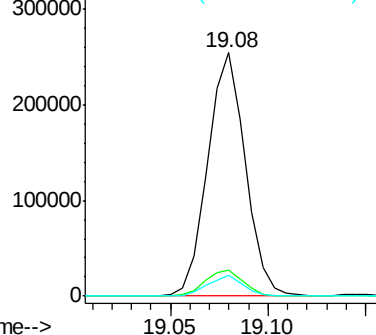


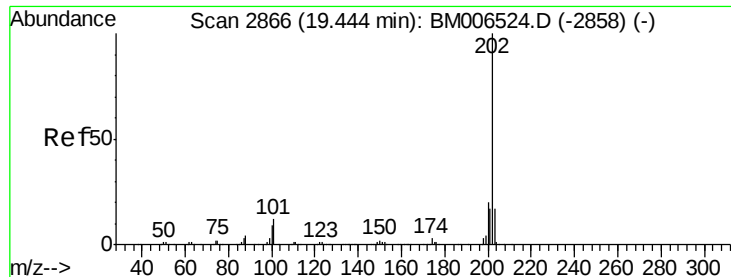
#74
Fluoranthene
Concen: 5.53 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BM006537.D
Acq: 20 Jul 2016 00:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.6	12.8
100	8.4	6.4	9.6



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





#77

Pyrene

Concen: 5.01 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

Instrument :

BNA_M

ClientSampleId :

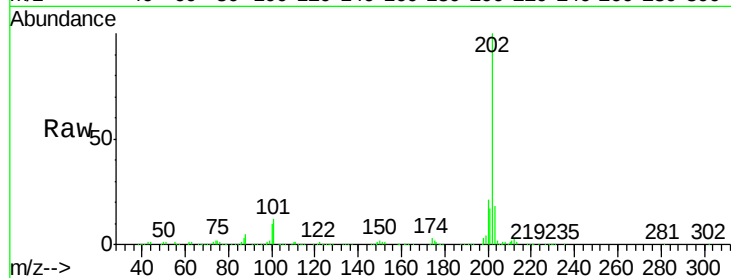
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Tgt Ion:	202	Resp:	339059
Ion Ratio	Lower	Upper	
202	100		
101	12.4	10.0	15.0
100	9.6	7.9	11.9

Manual Integrations

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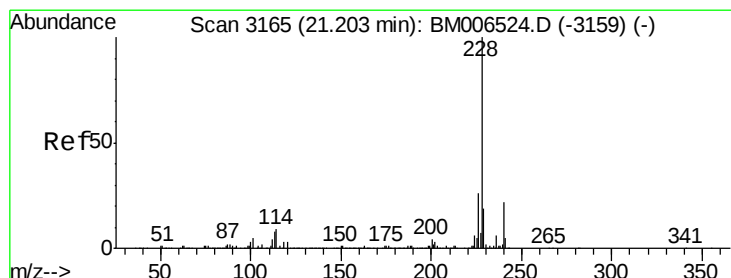
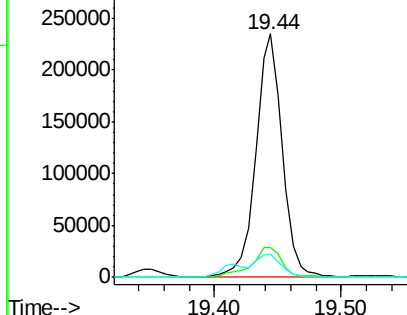
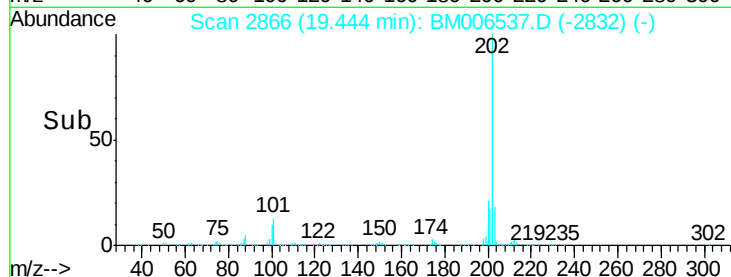
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 3.73 ng/ul

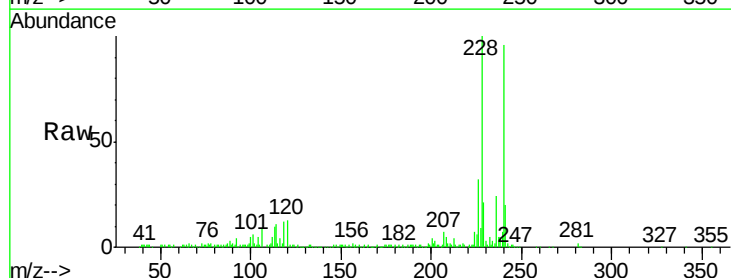
RT: 21.20 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

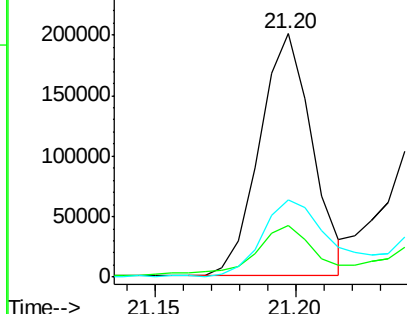
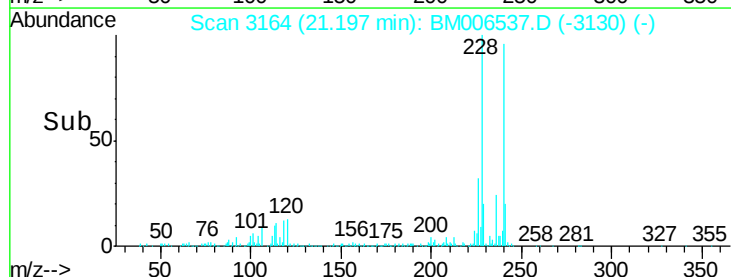
Tgt Ion:	228	Resp:	258208
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.6	23.4
226	31.9	21.4	32.2

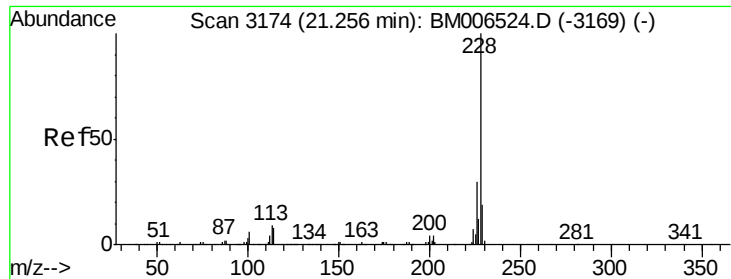


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.81 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BM006537.D

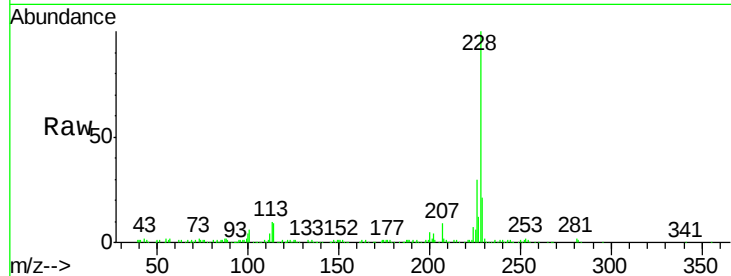
Acq: 20 Jul 2016 00:01

Instrument :

BNA_M

ClientSampled :

BDJB1

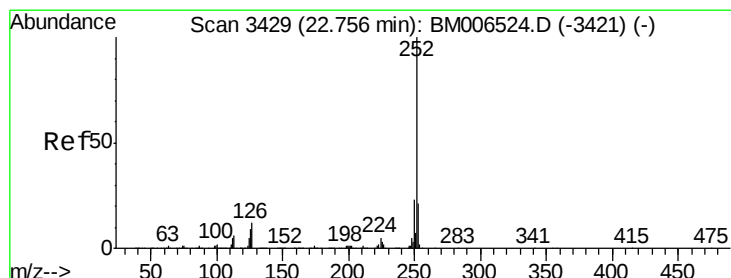
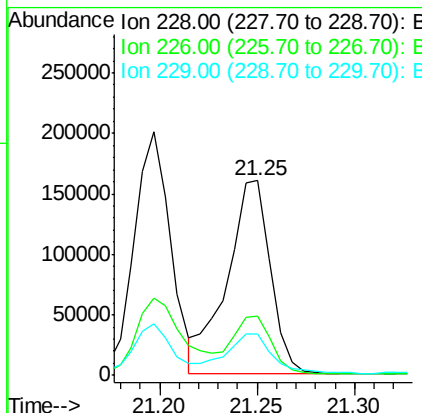
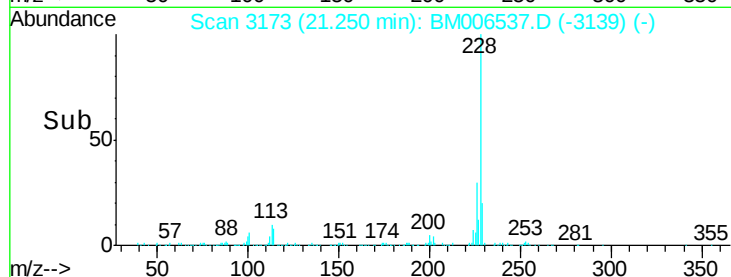


Tgt Ion:	228	Resp:	248015
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.3	34.9
229	21.2	15.8	23.8

Manual Integrations

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#85

Benzo(b)fluoranthene

Concen: 4.94 ng/ul

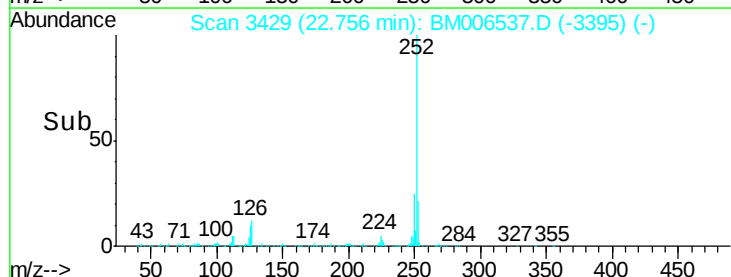
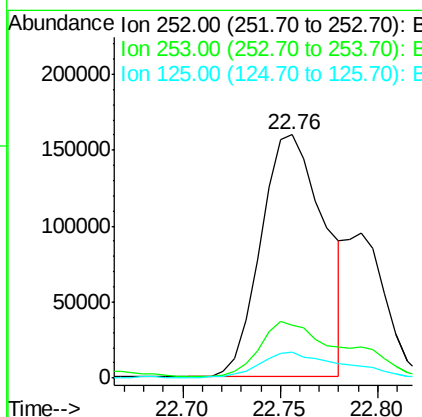
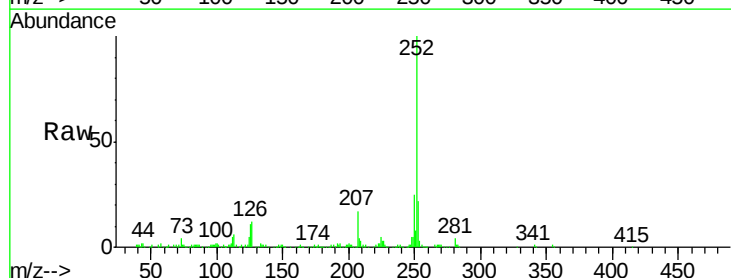
RT: 22.76 min Scan# 3429

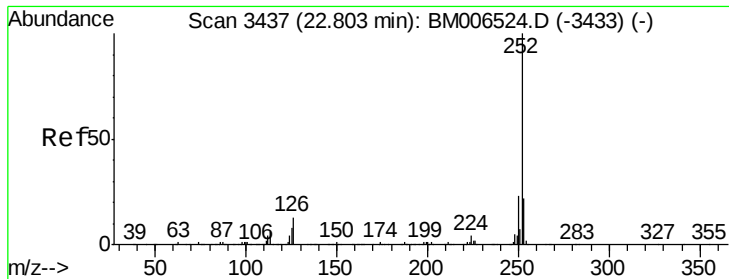
Delta R.T. -0.00 min

Lab File: BM006537.D

Acq: 20 Jul 2016 00:01

Tgt Ion:	252	Resp:	359595
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	10.6	6.7	10.1#





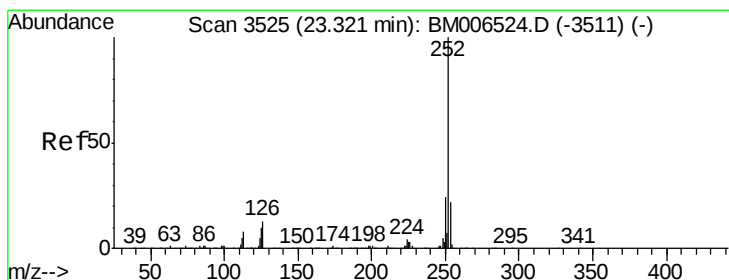
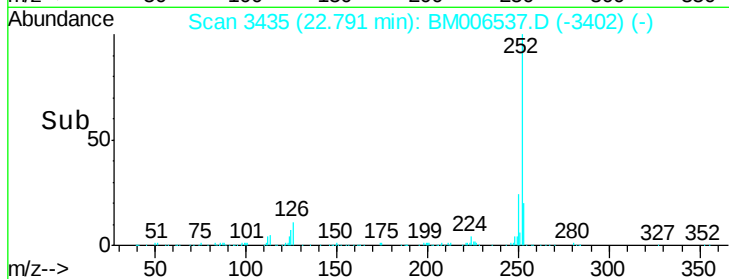
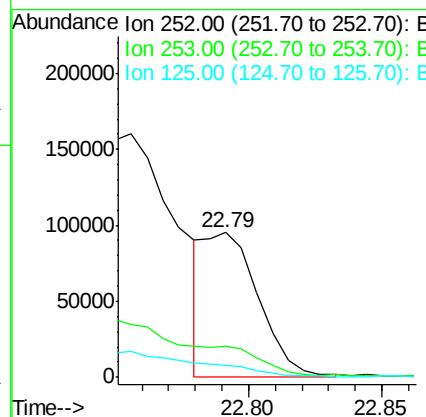
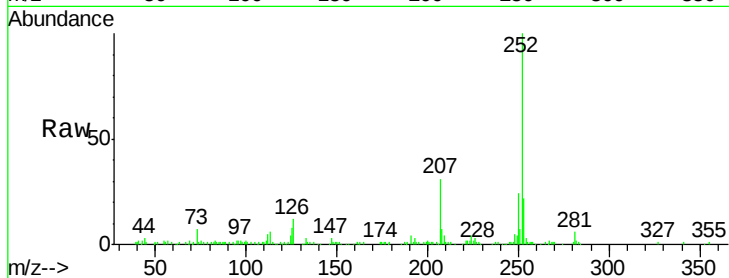
#86
Benzo(k)fluoranthene
Concen: 1.95 ng/ul m
RT: 22.79 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BM006537.D
Acq: 20 Jul 2016 00:01

Instrument :
BNA_M
ClientSampleId :
BDJB1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	8.4	7.0	10.4

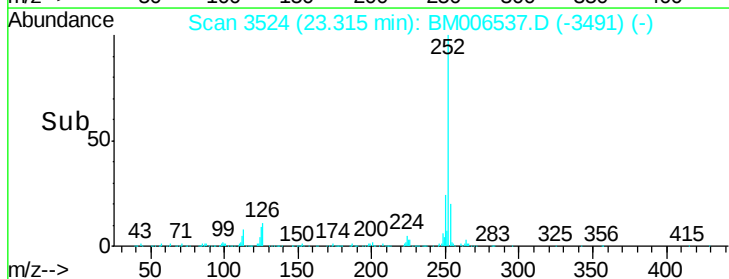
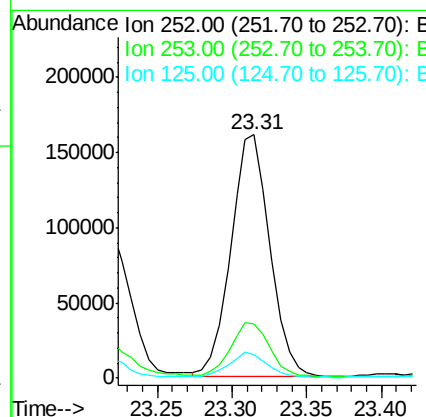
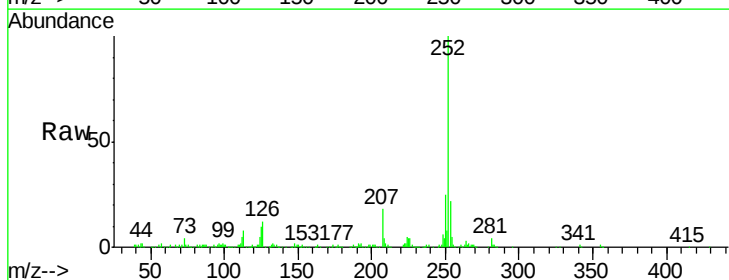
Manual Integrations

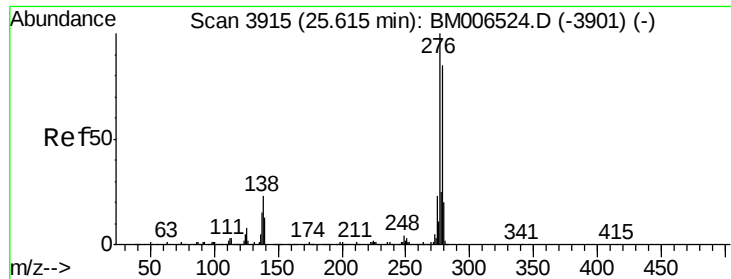
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#88
Benzo(a)pyrene
Concen: 4.18 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006537.D
Acq: 20 Jul 2016 00:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.6	7.6	11.4





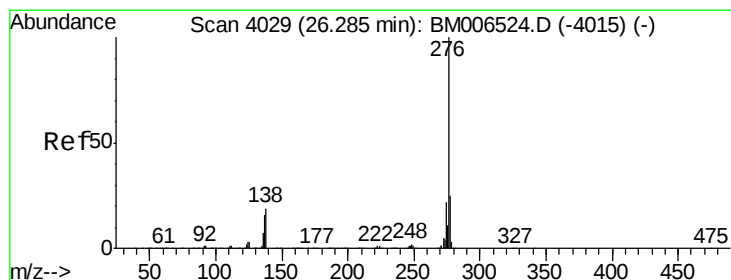
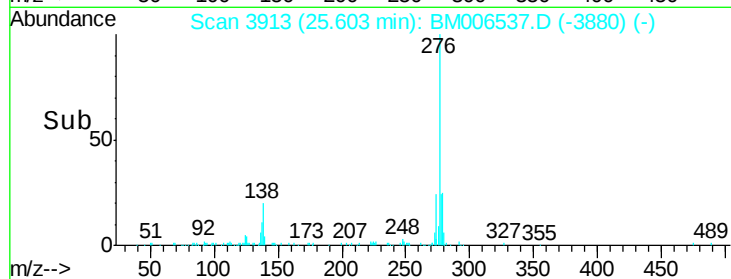
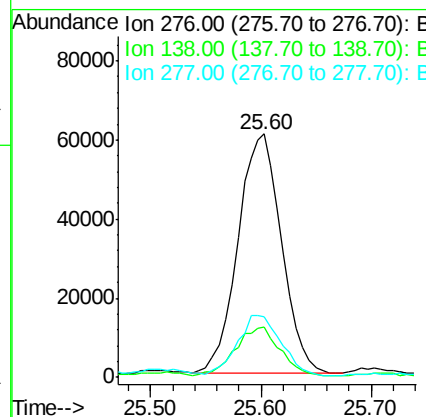
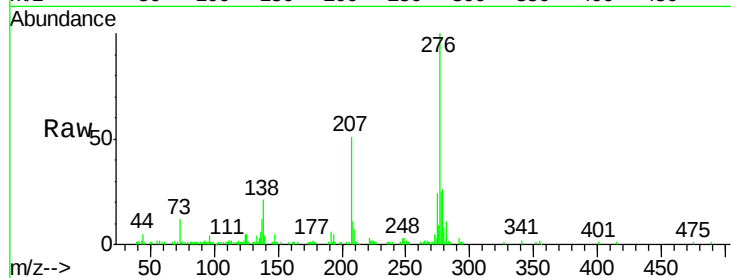
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 2.06 ng/ul
 RT: 25.60 min Scan# 3913
 Delta R.T. -0.01 min
 Lab File: BM006537.D
 Acq: 20 Jul 2016 00:01

Instrument :
 BNA_M
 ClientSampleId :
 BDJB1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.8	26.6
277	24.8	20.1	30.1

Manual Integrations

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#91
 Benzo(g,h,i)perylene
 Concen: 1.84 ng/ul
 RT: 26.27 min Scan# 4026
 Delta R.T. -0.01 min
 Lab File: BM006537.D
 Acq: 20 Jul 2016 00:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.0	22.4
277	24.8	19.0	28.4

