

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071916\
 Data File : BM006531.D
 Acq On : 19 Jul 2016 20:23
 Operator : UM/SJ
 Sample : H4029-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJA5

Quant Time: Jul 20 04:24:15 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	153116	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	630145	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	356853	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	809482	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	970034	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1035632	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	4720	1.30	ng/uL	0.00
5) Phenol-d5	6.79	99	172398	13.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	116181	15.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	140296	13.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	139391	13.98	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	64134	13.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	64862	12.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	125975	12.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	184767	17.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	397922	13.62	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	500247	13.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	45441	8.96	ng/ul	0.00
57) Fluorene-d10	15.26	176	366156	14.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	34324	7.33	ng/ul	0.00
70) Anthracene-d10	17.12	188	572962	14.97	ng/ul	0.00
76) Pyrene-d10	19.42	212	666191	15.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	719191	15.19	ng/ul	0.00

Target Compounds

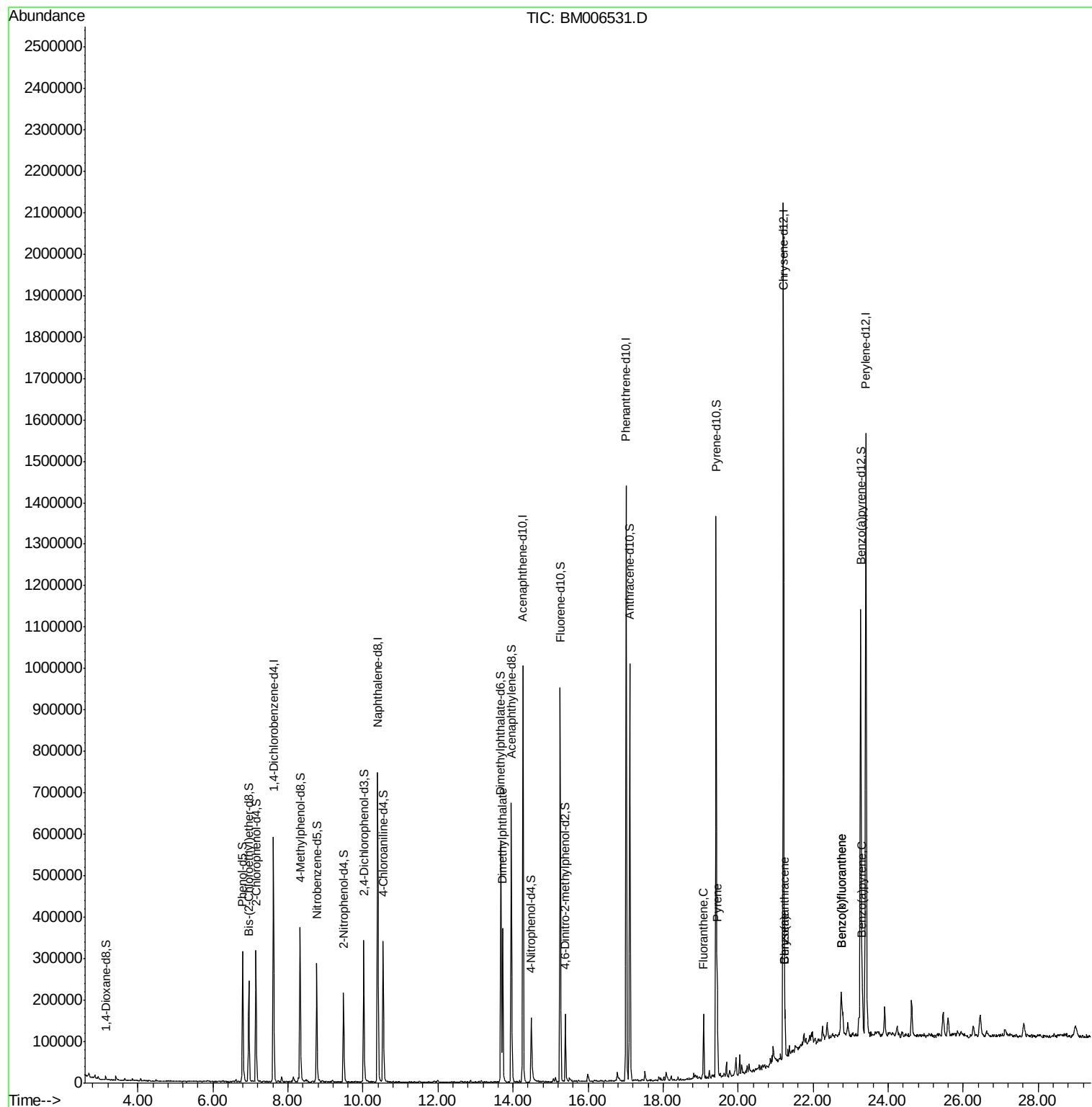
						Qvalue
44) Dimethylphthalate	13.72	163	229311	7.74	ng/ul	98
74) Fluoranthene	19.08	202	91336	1.77	ng/ul	97
77) Pyrene	19.44	202	96727	1.67	ng/ul#	95
80) Benzo(a)anthracene	21.24	228	63420	1.07	ng/ul	97
82) Chrysene	21.24	228	63420	1.14	ng/ul	99
85) Benzo(b)fluoranthene	22.76	252	85509	1.38	ng/ul	97
86) Benzo(k)fluoranthene	22.76	252	85509	1.47	ng/ul	97
88) Benzo(a)pyrene	23.31	252	73004	1.23	ng/ul	97

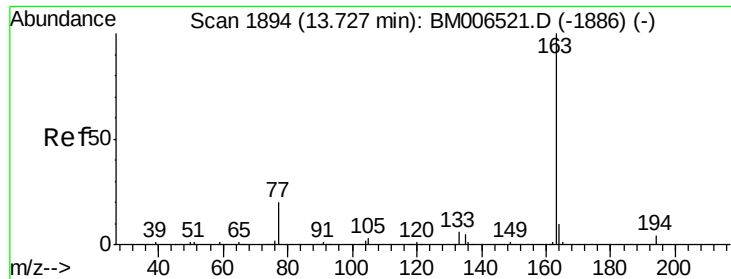
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 7.74 ng/ul

RT: 13.72 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM006531.D

Acq: 19 Jul 2016 20:23

Instrument :

BNA_M

ClientSampleId :

BDJA5

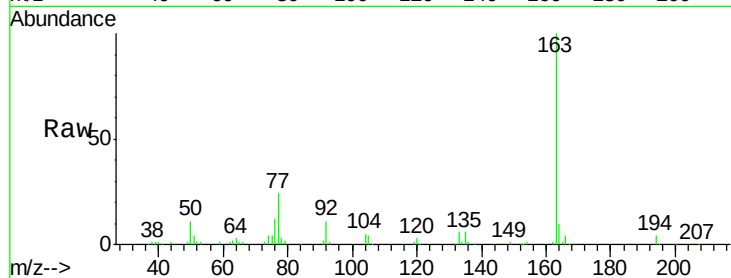
Tgt Ion:163 Resp: 229311

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

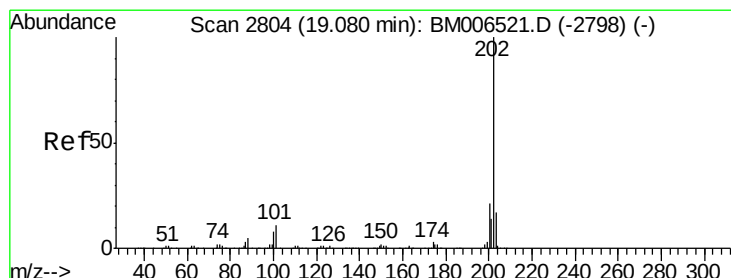
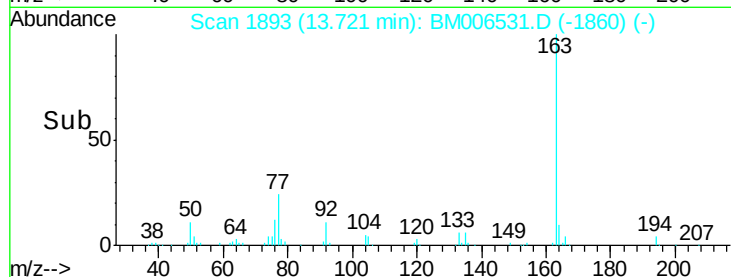
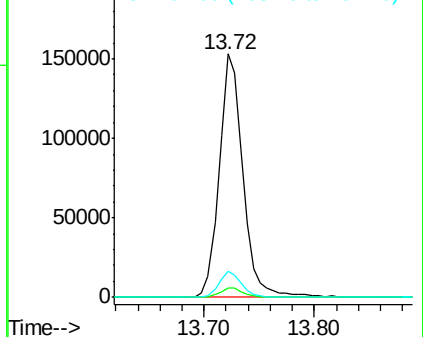
164 10.5 7.8 11.8



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: 1.77 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM006531.D

Acq: 19 Jul 2016 20:23

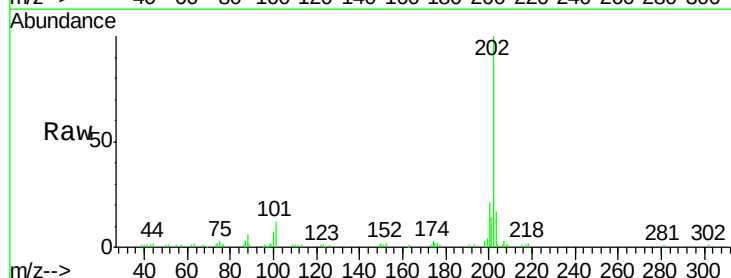
Tgt Ion:202 Resp: 91336

Ion Ratio Lower Upper

202 100

101 11.8 8.6 12.8

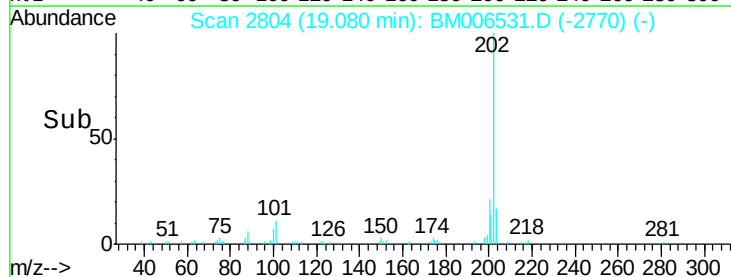
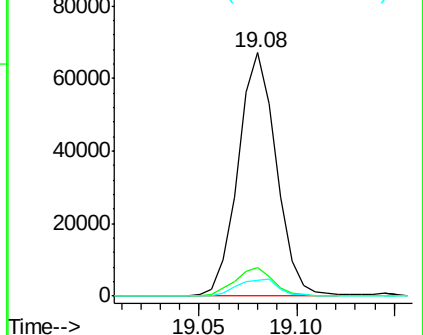
100 6.7 6.4 9.6

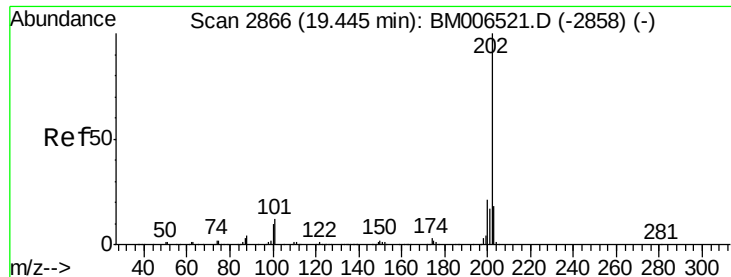


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 1.67 ng/ul

RT: 19.44 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BM006531.D

Acq: 19 Jul 2016 20:23

Instrument :

BNA_M

ClientSampleId :

BDJA5

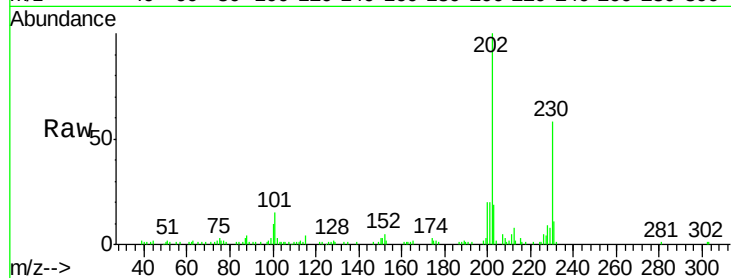
Tgt Ion:202 Resp: 96727

Ion Ratio Lower Upper

202 100

101 15.3 10.0 15.0#

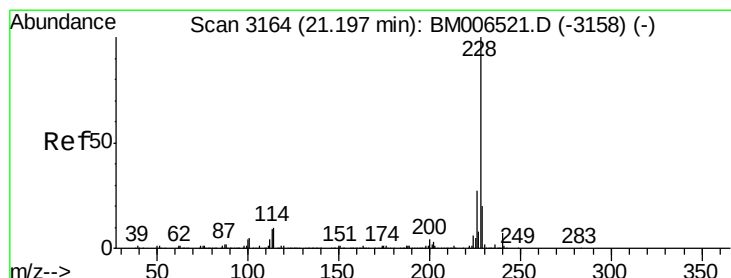
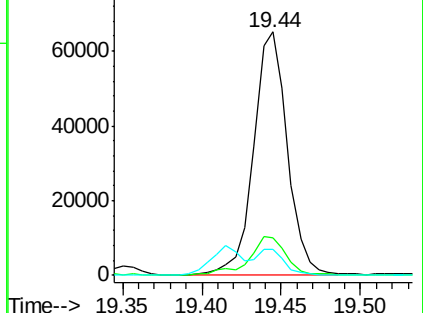
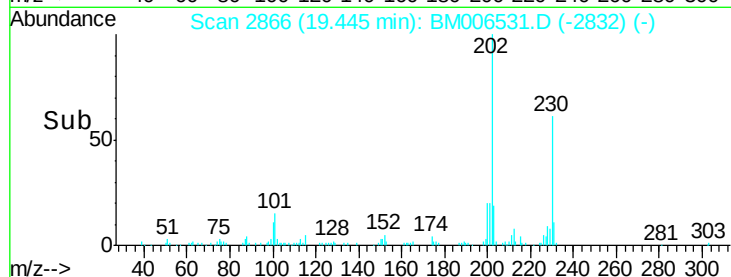
100 10.5 7.9 11.9



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: 1.07 ng/ul

RT: 21.24 min Scan# 3172

Delta R.T. 0.05 min

Lab File: BM006531.D

Acq: 19 Jul 2016 20:23

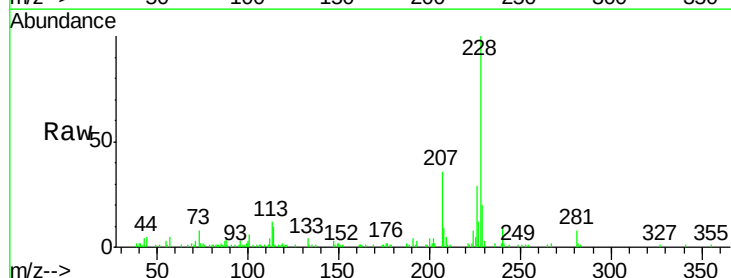
Tgt Ion:228 Resp: 63420

Ion Ratio Lower Upper

228 100

229 20.4 15.6 23.4

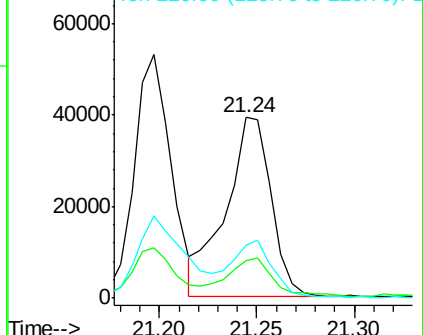
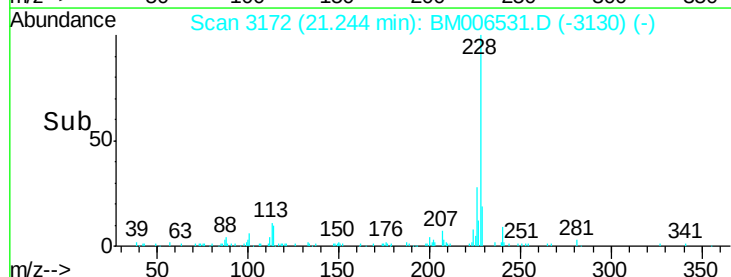
226 29.1 21.4 32.2

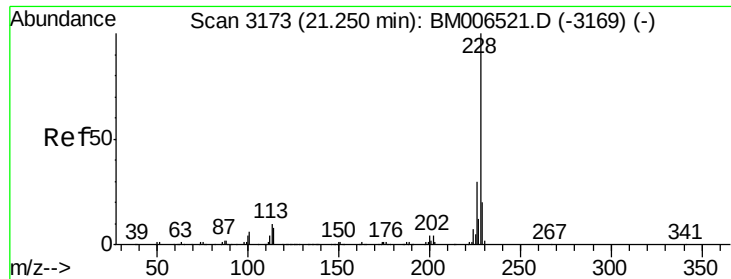


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.14 ng/ul

RT: 21.24 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BM006531.D

Acq: 19 Jul 2016 20:23

Instrument :

BNA_M

ClientSampleId :

BDJA5

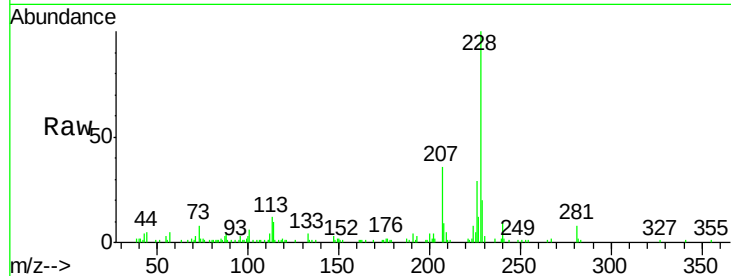
Tgt Ion:228 Resp: 63420

Ion Ratio Lower Upper

228 100

226 29.1 23.3 34.9

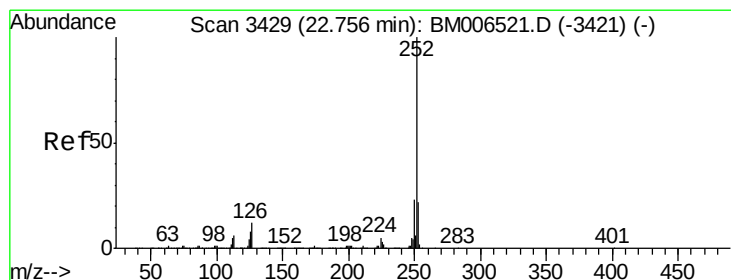
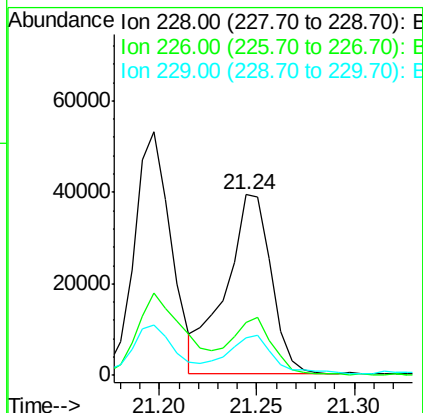
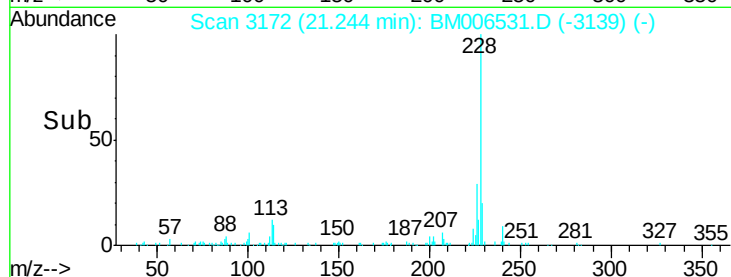
229 20.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 1.38 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006531.D

Acq: 19 Jul 2016 20:23

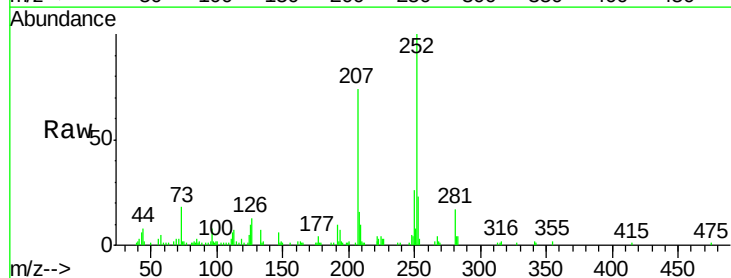
Tgt Ion:252 Resp: 85509

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

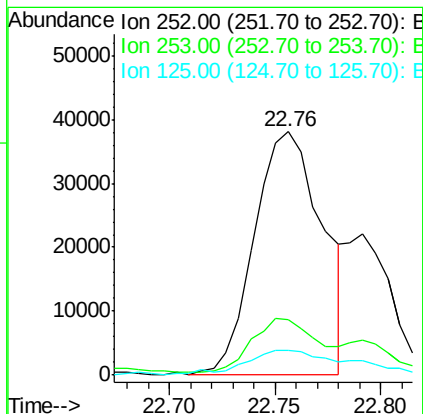
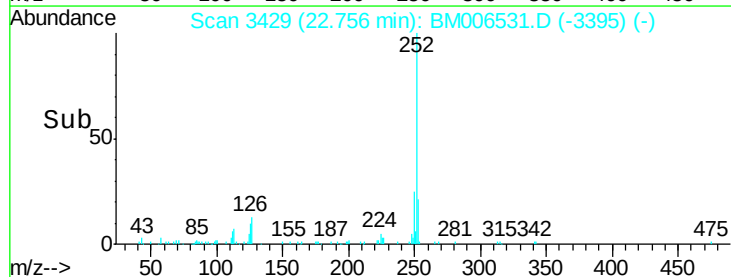
125 9.9 6.7 10.1

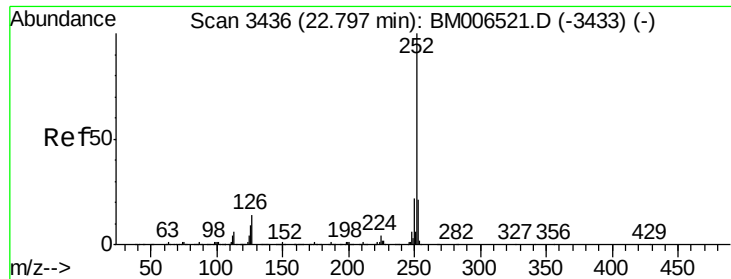


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

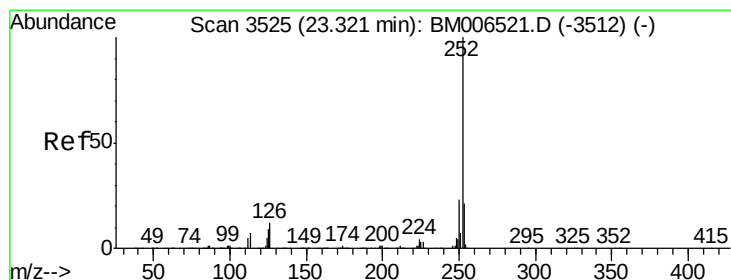
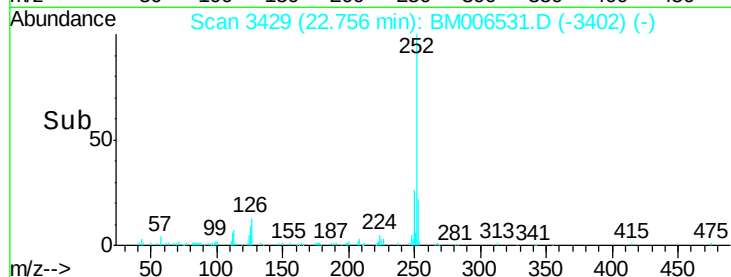
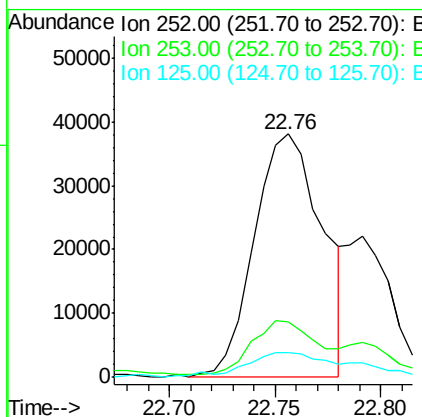
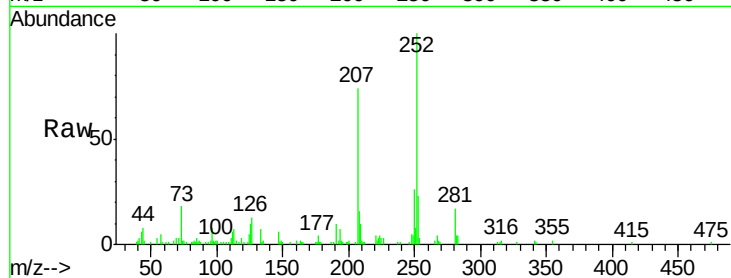




#86
Benzo(k)fluoranthene
Concen: 1.47 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006531.D
Acq: 19 Jul 2016 20:23

Instrument :
BNA_M
ClientSampleId :
BDJA5

Tgt Ion:252 Resp: 85509
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 9.9 7.0 10.4



#88
Benzo(a)pyrene
Concen: 1.23 ng/ul
RT: 23.31 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BM006531.D
Acq: 19 Jul 2016 20:23

Tgt Ion:252 Resp: 73004
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.9 7.6 11.4

