

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081816\
 Data File : BM007179.D
 Acq On : 17 Aug 2016 15:09
 Operator : UM/SJ
 Sample : H4392-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJX3

Quant Time: Aug 17 15:53:31 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 15:21:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	270832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1115609	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	651594	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1517973	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1937345	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1980682	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	26525	4.28	ng/uL	0.00
5) Phenol-d5	6.97	99	517905	23.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	304907	24.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	416092	23.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	369371	20.46	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	197011	24.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	223854	25.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	423368	23.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	500576	23.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1357986	25.22	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1642310	25.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	142211	14.74	ng/ul	0.00
57) Fluorene-d10	15.43	176	1181630	25.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	109129	13.01	ng/ul	0.00
70) Anthracene-d10	17.27	188	1828075	26.00	ng/ul	0.00
76) Pyrene-d10	19.57	212	2242527	27.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2523874	27.86	ng/ul	0.00

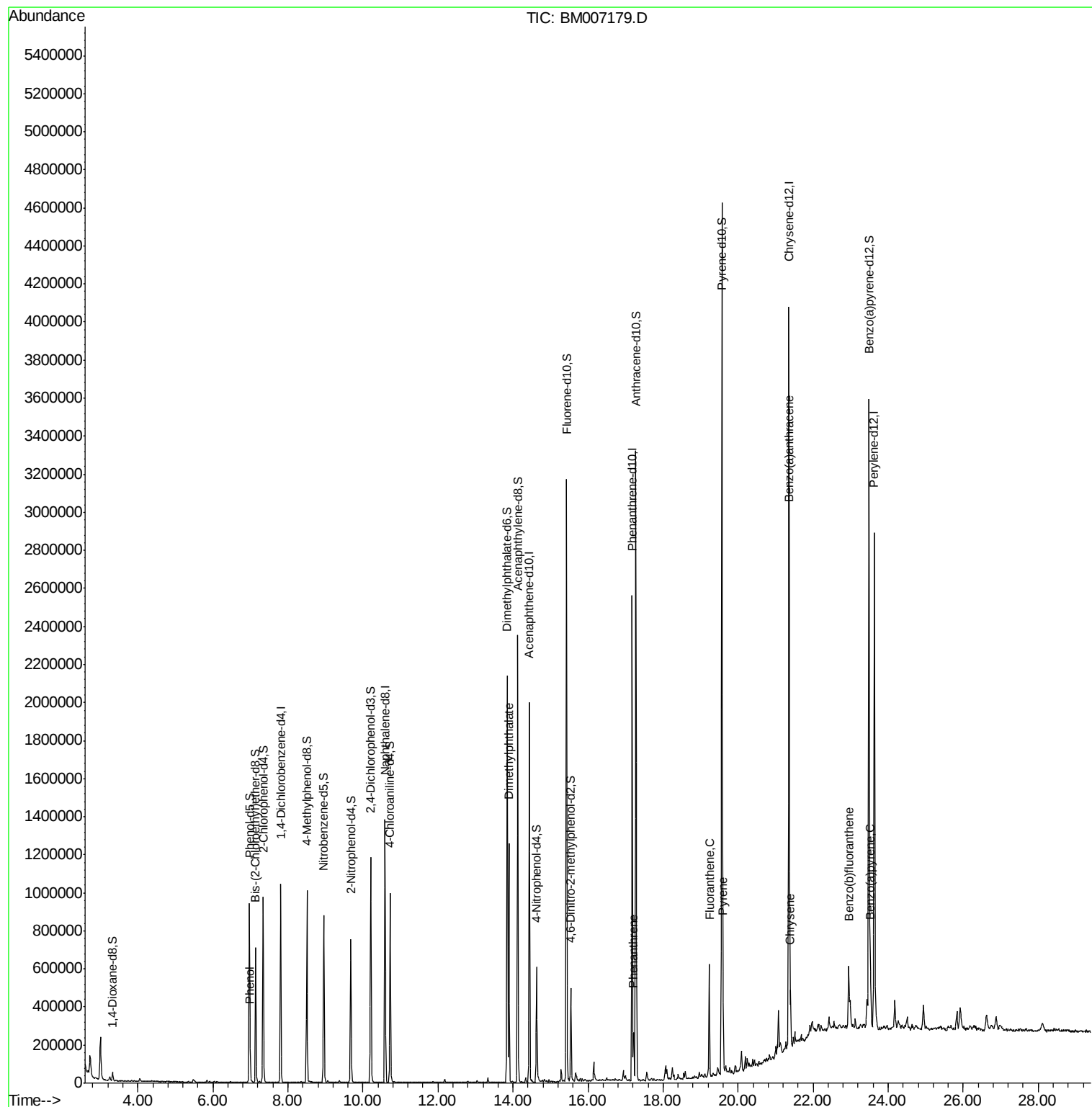
Target Compounds				Ovalue		
6) Phenol	7.00	94	32997	1.43	ng/ul	92
44) Dimethylphthalate	13.89	163	772787	14.36	ng/ul	99
69) Phenanthrene	17.22	178	150809	1.85	ng/ul	99
74) Fluoranthene	19.23	202	348239	3.52	ng/ul	99
77) Pyrene	19.60	202	309622	2.89	ng/ul	99
80) Benzo(a)anthracene	21.34	228	157530	1.38	ng/ul	99
82) Chrysene	21.40	228	174843	1.67	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	235749	1.98	ng/ul#	96
88) Benzo(a)pyrene	23.53	252	168653	1.49	ng/ul#	96

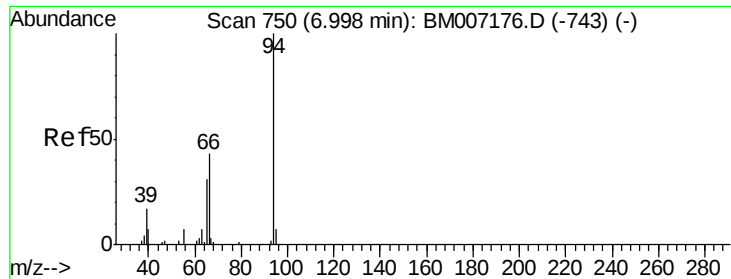
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.43 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM007179.D

Acq: 17 Aug 2016 15:09

Instrument :

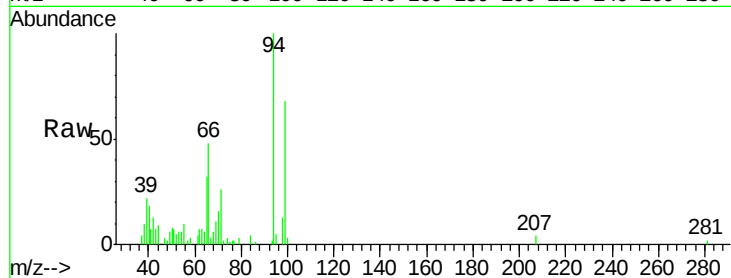
BNA_M

ClientSampleId :

BDJX3

Tot Ion: 94 Resp: 32997

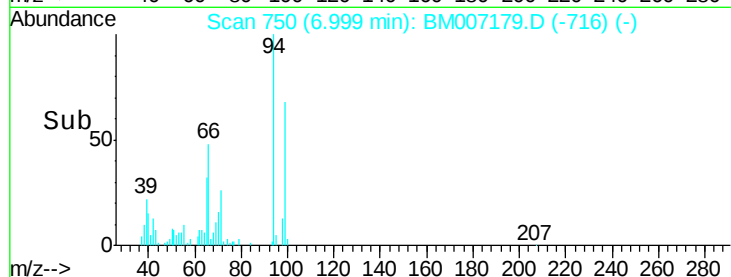
Ion	Ratio	Lower	Upper
94	100		
65	32.4	23.9	35.9
66	48.1	33.5	50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007176.D (-743) (-)

Ion 65.00 (64.70 to 65.70): BM007176.D (-743) (-)

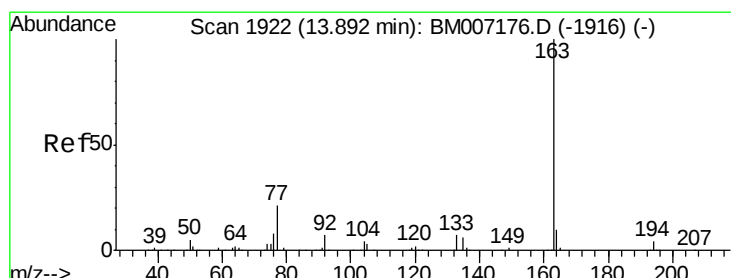
Ion 66.00 (65.70 to 66.70): BM007176.D (-743) (-)



Abundance Ion 94.00 (93.70 to 94.70): BM007179.D (-716) (-)

Ion 65.00 (64.70 to 65.70): BM007179.D (-716) (-)

Ion 66.00 (65.70 to 66.70): BM007179.D (-716) (-)



#44

Dimethylphthalate

Concen: 14.36 ng/ul

RT: 13.89 min Scan# 1922

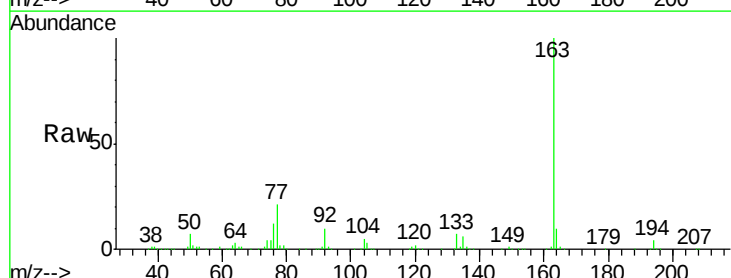
Delta R.T. 0.00 min

Lab File: BM007179.D

Acq: 17 Aug 2016 15:09

Tgt Ion: 163 Resp: 772787

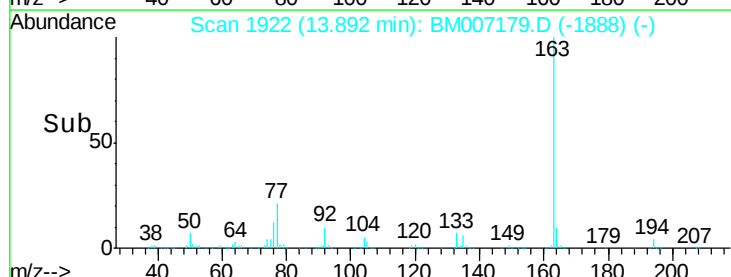
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): BM007176.D (-1916) (-)

Ion 194.00 (193.70 to 194.70): BM007176.D (-1916) (-)

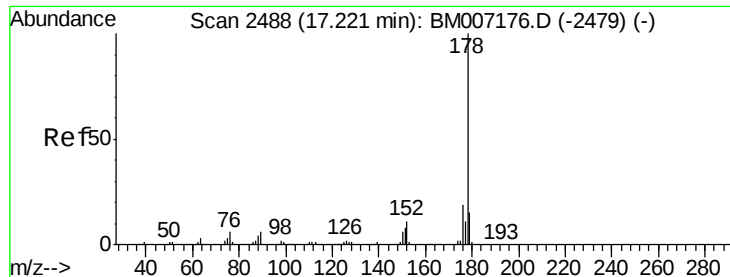
Ion 164.00 (163.70 to 164.70): BM007176.D (-1916) (-)



Abundance Ion 163.00 (162.70 to 163.70): BM007179.D (-1888) (-)

Ion 194.00 (193.70 to 194.70): BM007179.D (-1888) (-)

Ion 164.00 (163.70 to 164.70): BM007179.D (-1888) (-)



#69

Phenanthrene

Concen: 1.85 ng/ul

RT: 17.22 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BM007179.D

Acq: 17 Aug 2016 15:09

Instrument :

BNA_M

ClientSampleId :

BDJX3

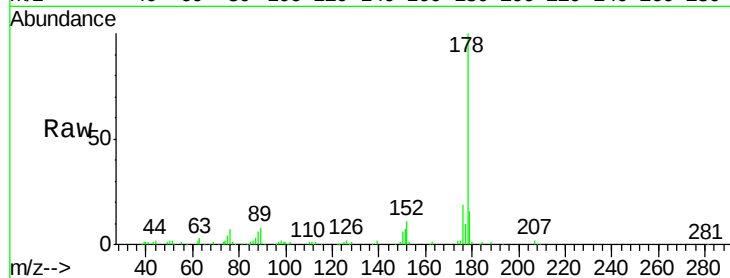
Tot Ion:178 Resp: 150809

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

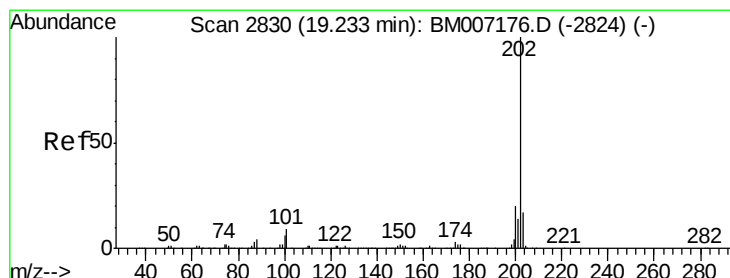
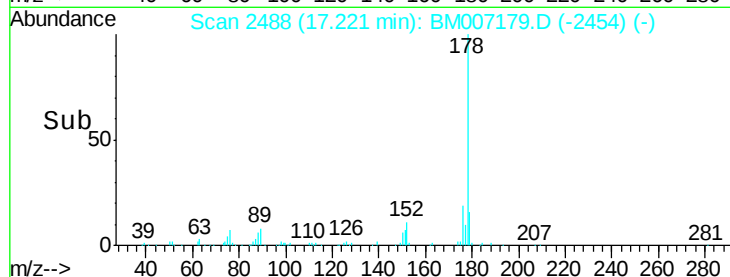
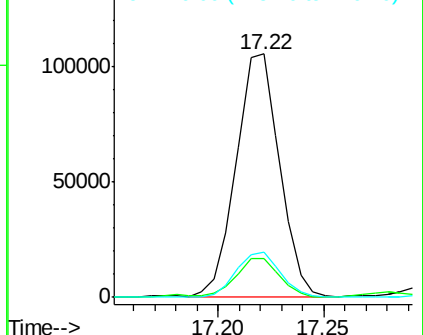
176 18.6 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 3.52 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007179.D

Acq: 17 Aug 2016 15:09

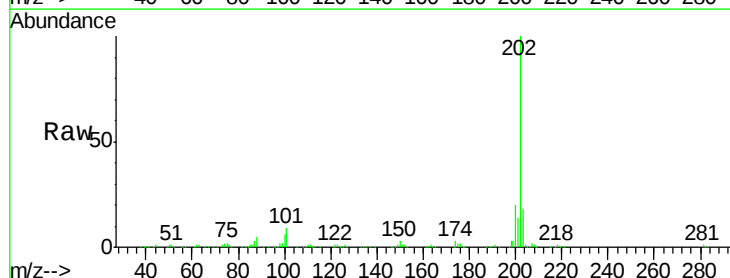
Tgt Ion:202 Resp: 348239

Ion Ratio Lower Upper

202 100

101 9.4 6.9 10.3

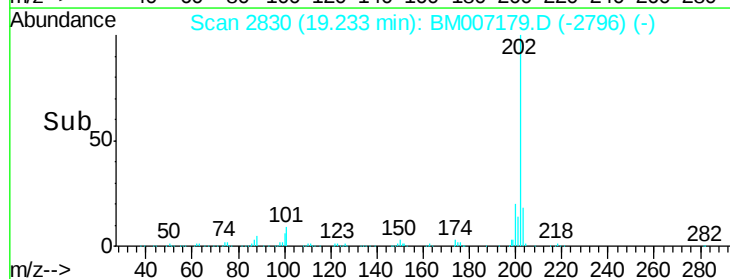
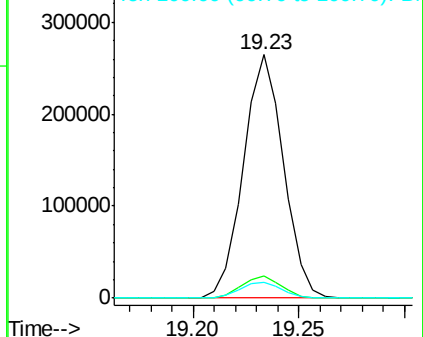
100 6.5 5.4 8.0

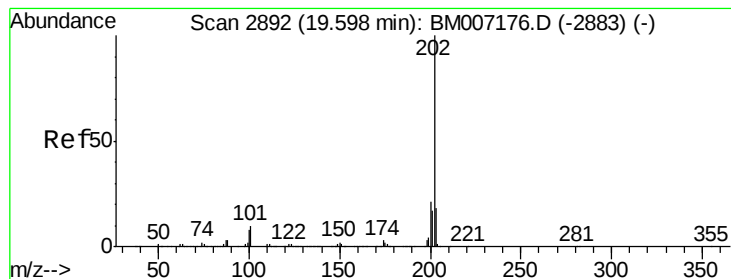


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.89 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BM007179.D

Acq: 17 Aug 2016 15:09

Instrument :

BNA_M

ClientSampleId :

BDJX3

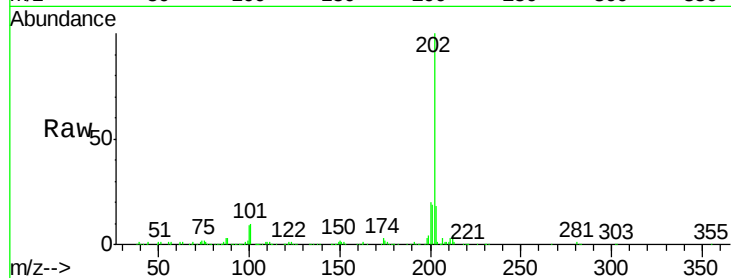
Tot Ion:202 Resp: 309622

Ion Ratio Lower Upper

202 100

101 9.6 8.4 12.6

100 8.6 6.9 10.3

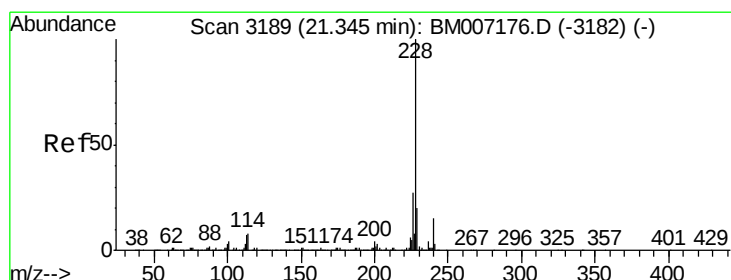
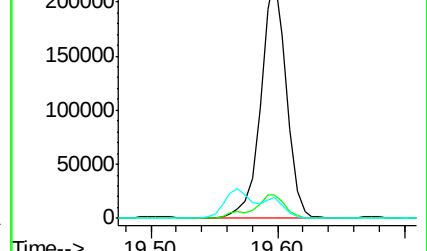
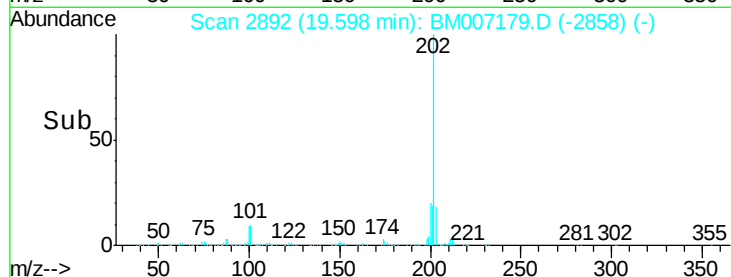


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 1.38 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BM007179.D

Acq: 17 Aug 2016 15:09

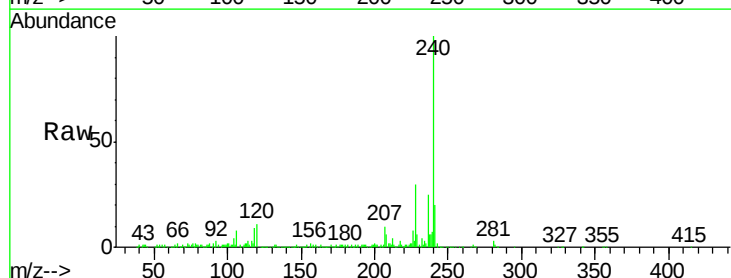
Tgt Ion:228 Resp: 157530

Ion Ratio Lower Upper

228 100

229 19.9 15.6 23.4

226 28.1 21.8 32.8

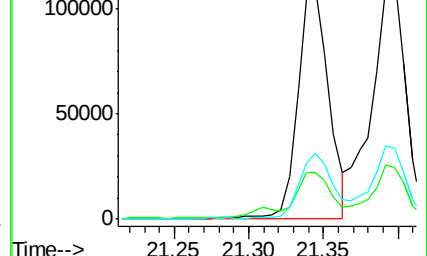
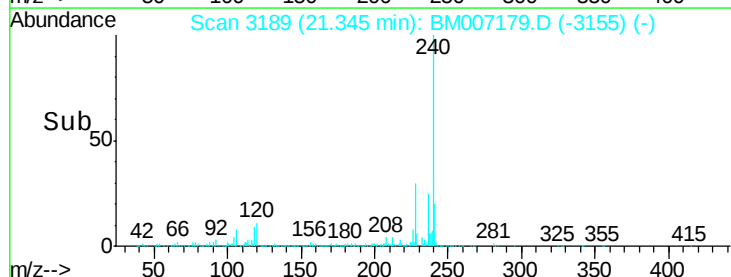


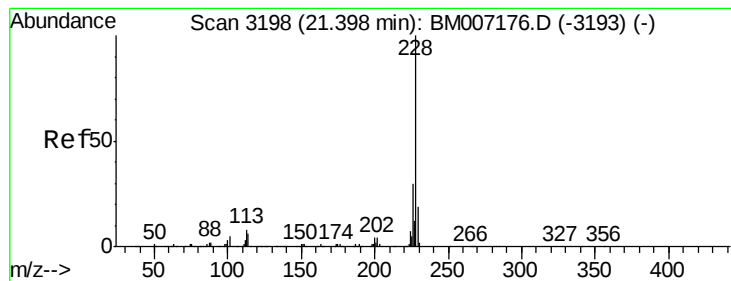
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#82

Chrysene

Concen: 1.67 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. 0.00 min

Lab File: BM007179.D

Acq: 17 Aug 2016 15:09

Instrument :

BNA_M

ClientSampled :

BDJX3

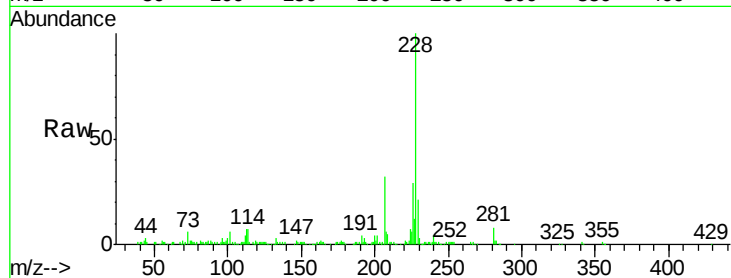
Tot Ion:228 Resp: 174843

Ion Ratio Lower Upper

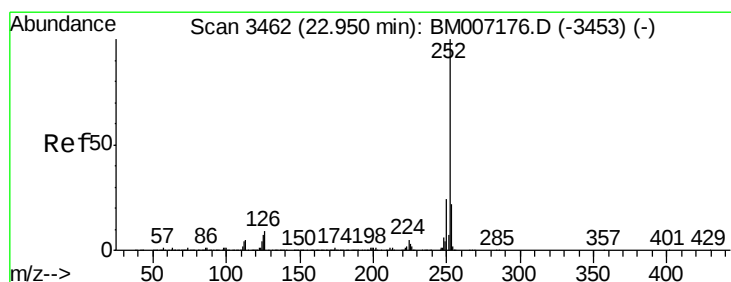
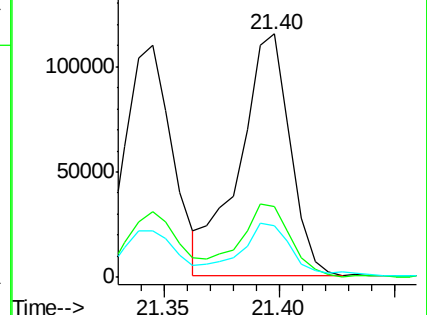
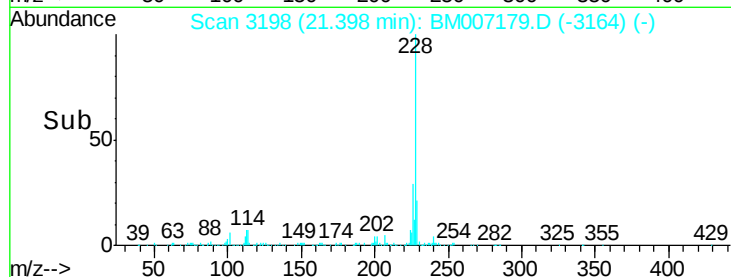
228 100

226 29.1 23.4 35.2

229 21.2 15.5 23.3



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: 1.98 ng/ul

RT: 22.95 min Scan# 3462

Delta R.T. 0.00 min

Lab File: BM007179.D

Acq: 17 Aug 2016 15:09

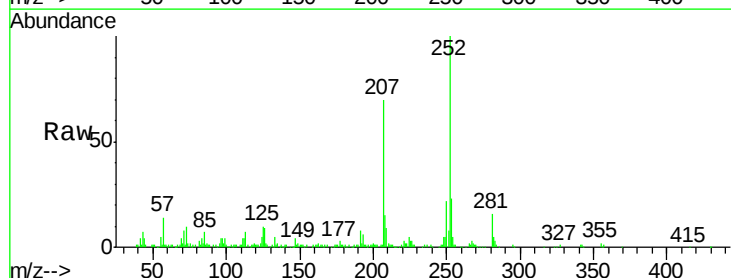
Tgt Ion:252 Resp: 235749

Ion Ratio Lower Upper

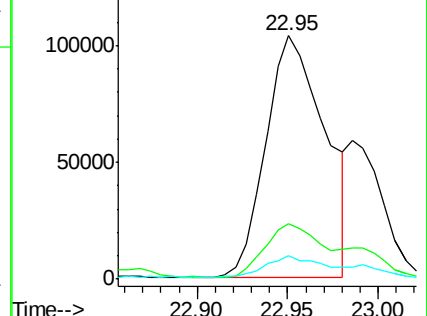
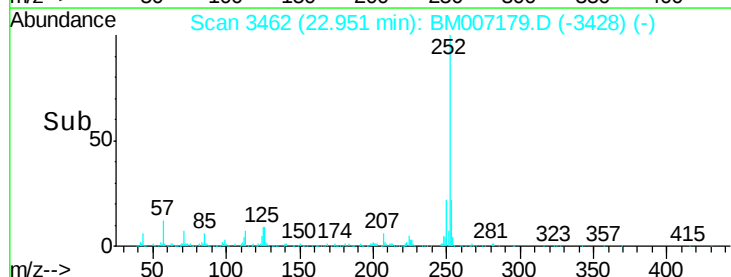
252 100

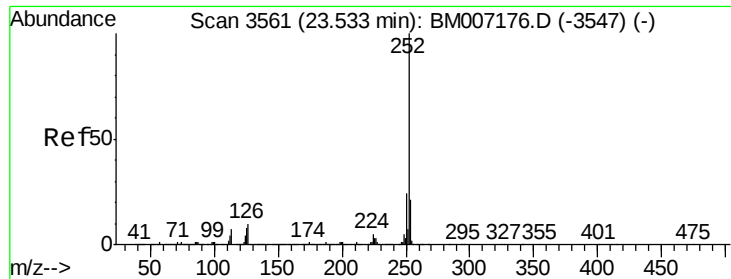
253 22.9 17.1 25.7

125 9.9 5.8 8.8#



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





#88

Benzo(a)pyrene

Concen: 1.49 ng/ul

RT: 23.53 min Scan# 3561

Delta R.T. -0.01 min

Lab File: BM007179.D

Acq: 17 Aug 2016 15:09

Instrument :

BNA_M

ClientSampleId :

BDJX3

Tot Ion:252 Resp: 168653

Ion Ratio Lower Upper

252 100

253 20.8 17.7 26.5

125 10.7 6.6 9.8#

