

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
 Data File : BM003979.D
 Acq On : 13 Jan 2016 06:17
 Operator : SJ/UM
 Sample : H1095-14 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC977

Quant Time: Jan 13 07:21:54 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	37267	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	184405	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	113973	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	262998	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	269776	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	210865	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.85	99	3124	1.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	2261	1.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	2956	1.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	1346	0.54	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	1009	0.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	1014	0.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	2249	0.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.61	131	1675	0.47	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	11355	1.27	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	13467	1.24	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.32	176	11935	1.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.17	188	18524	1.52	ng/ul	0.00
79) Pyrene-d10	19.47	212	21176	1.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	16583	1.57	ng/ul	0.00

Target Compounds

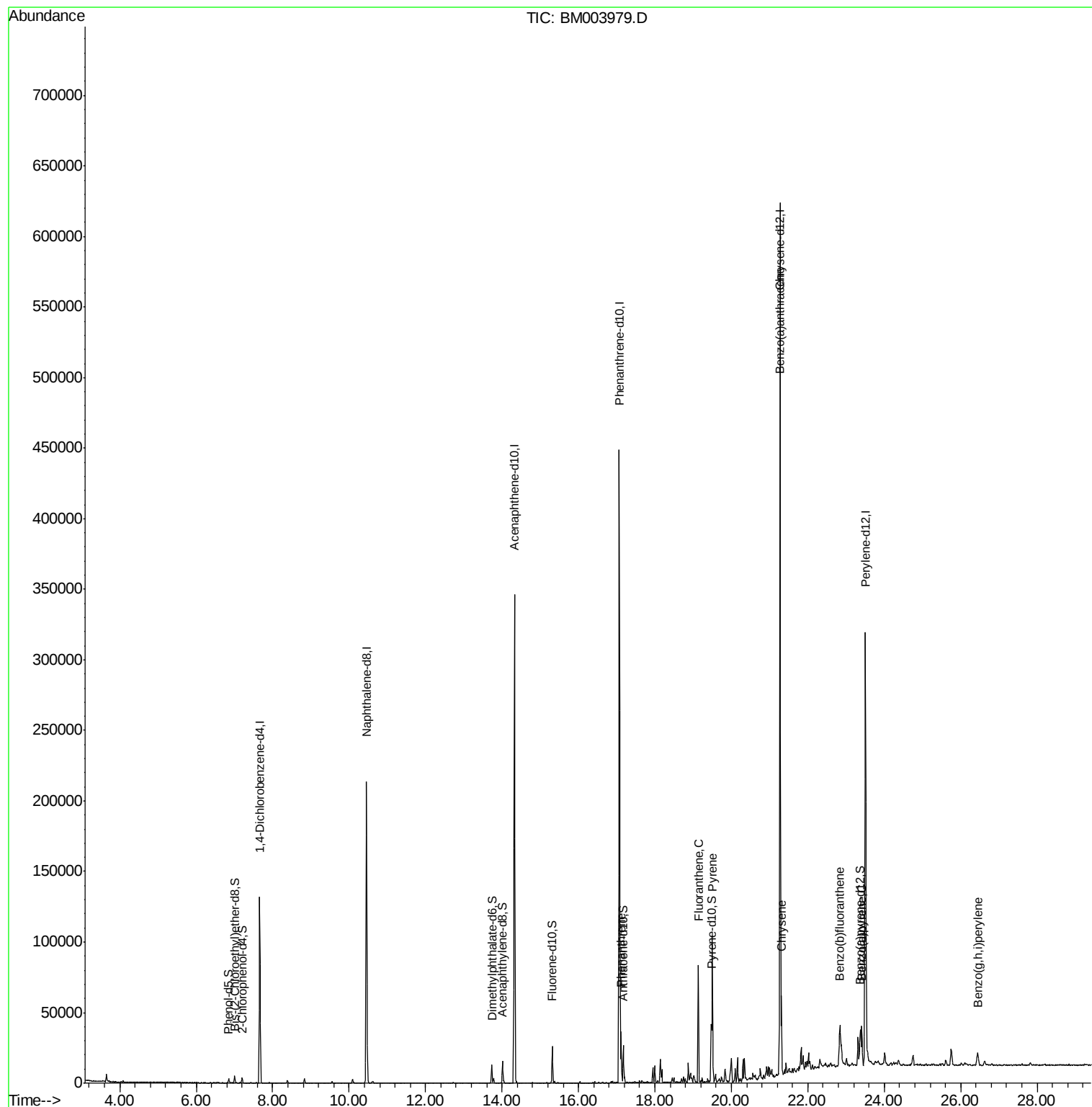
						Ovalue
70) Phenanthrene	17.11	178	22936	1.55	ng/ul	99
77) Fluoranthene	19.14	202	50636	3.29	ng/ul	98
80) Pyrene	19.50	202	65683	3.59	ng/ul	99
83) Benzo(a)anthracene	21.26	228	26872	1.67	ng/ul	96
85) Chrysene	21.31	228	32438	2.13	ng/ul	96
88) Benzo(b)fluoranthene	22.84	252	27589	2.15	ng/ul	97
91) Benzo(a)pyrene	23.41	252	21453	1.76	ng/ul	97
94) Benzo(a,h,i)perylene	26.44	276	12189	1.08	ng/ul	99

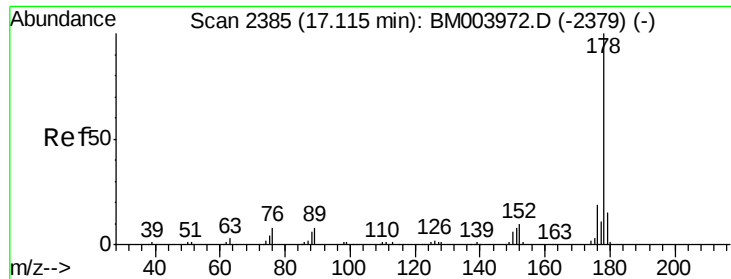
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.55 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM003979.D

Acq: 13 Jan 2016 06:17

Instrument :

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BC977

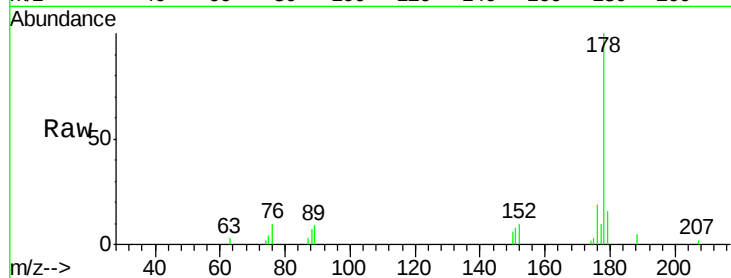
Tot Ion:178 Resp: 22936

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

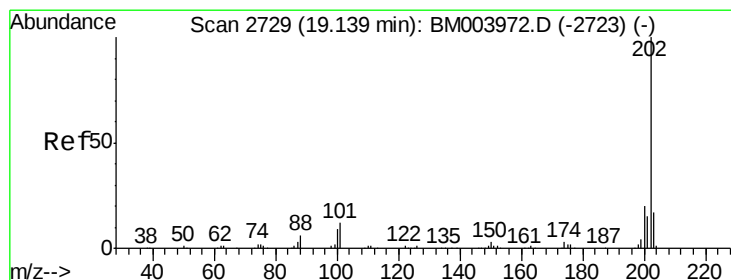
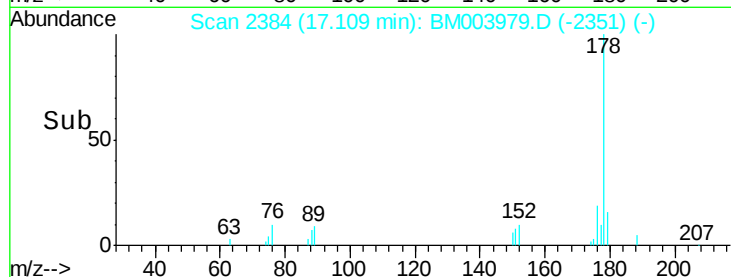
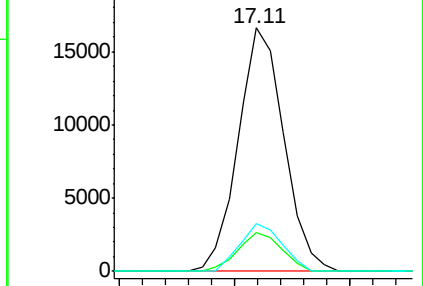
176 19.4 15.6 23.4



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



#77

Fluoranthene

Concen: 3.29 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM003979.D

Acq: 13 Jan 2016 06:17

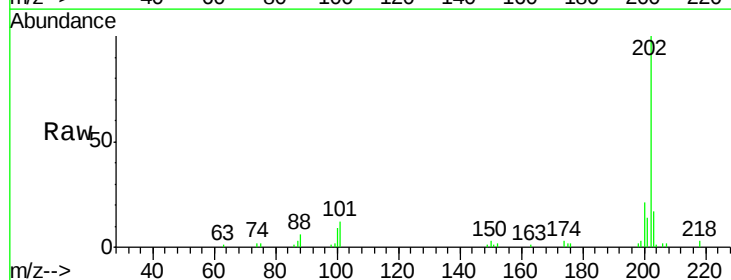
Tgt Ion:202 Resp: 50636

Ion Ratio Lower Upper

202 100

101 11.9 8.8 13.2

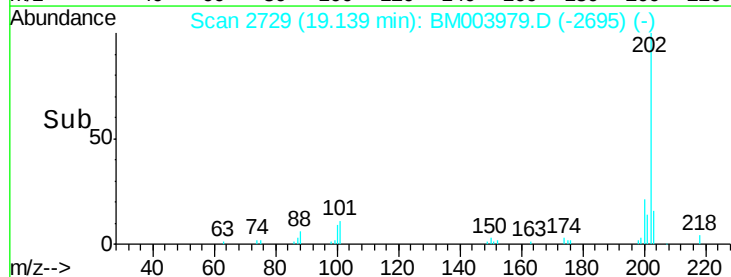
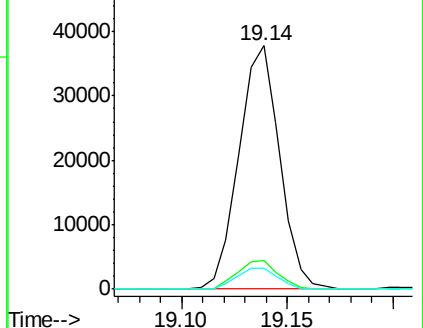
100 8.8 6.6 9.8

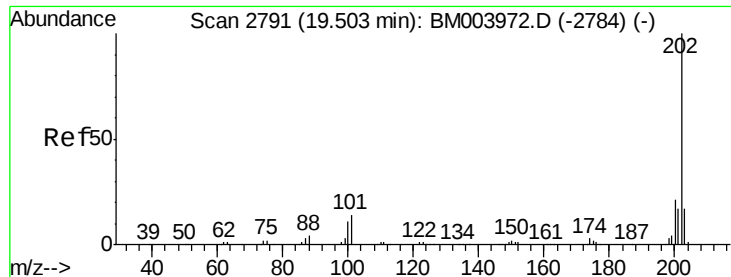


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

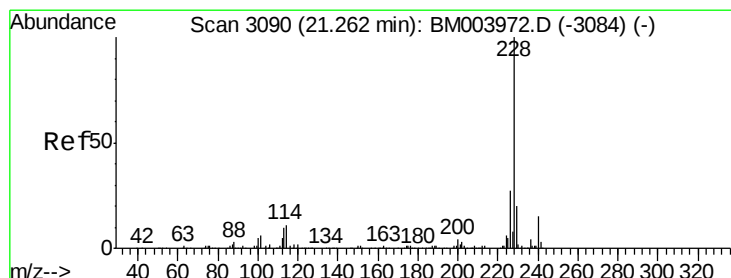
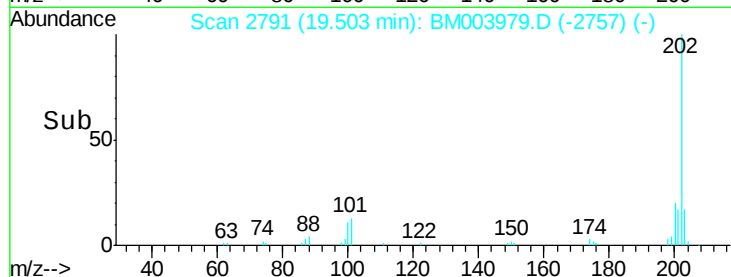
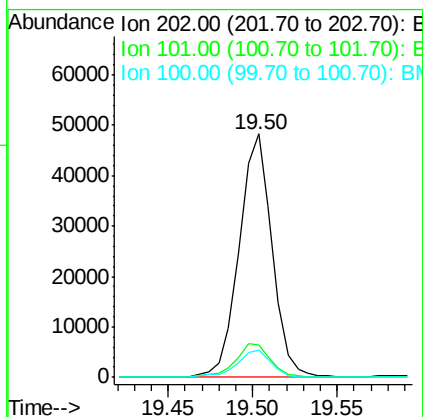
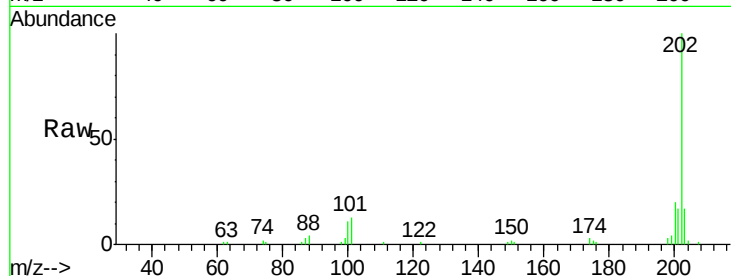




#80
Pvrene
Concen: 3.59 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM003979.D
Acq: 13 Jan 2016 06:17

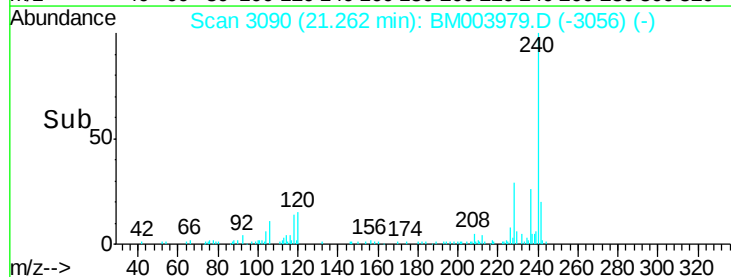
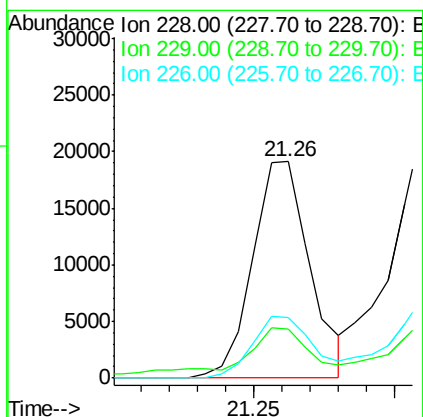
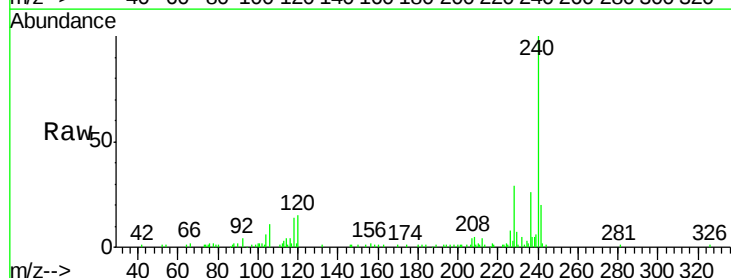
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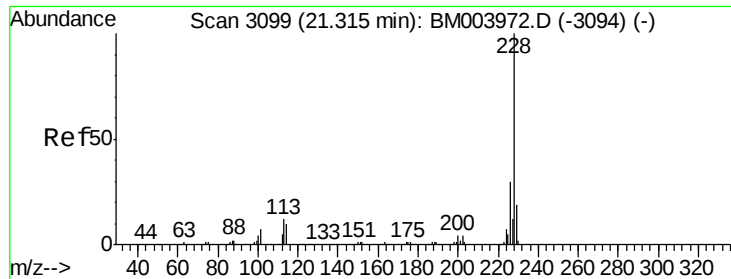
Tot Ion:202 Resp: 65683
Ion Ratio Lower Upper
202 100
101 13.2 10.2 15.2
100 11.0 8.5 12.7



#83
Benzo(a)anthracene
Concen: 1.67 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM003979.D
Acq: 13 Jan 2016 06:17

Tgt Ion:228 Resp: 26872
Ion Ratio Lower Upper
228 100
229 22.9 15.7 23.5
226 28.2 21.8 32.6

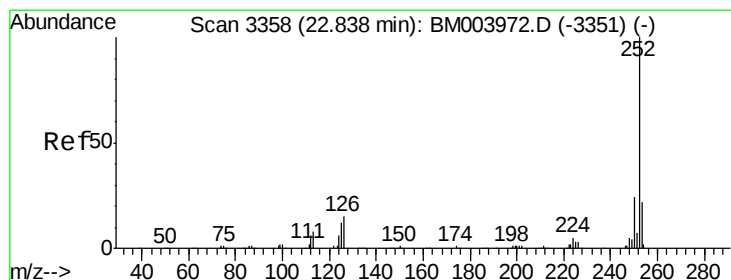
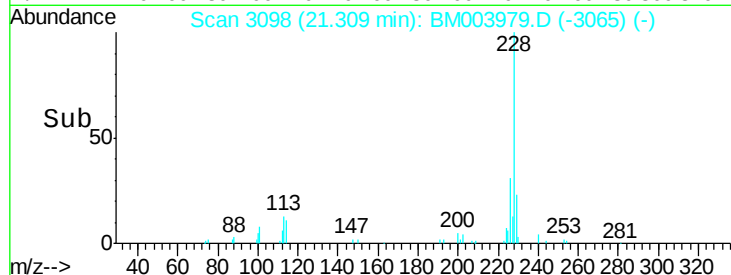
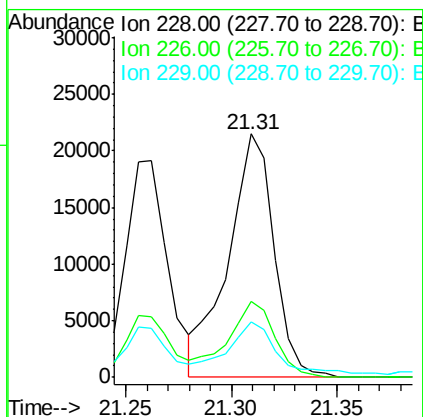
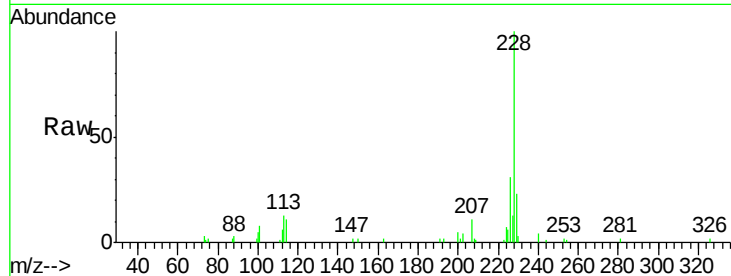




#85
 Chrysene
 Concen: 2.13 ng/ul
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM003979.D
 Acq: 13 Jan 2016 06:17

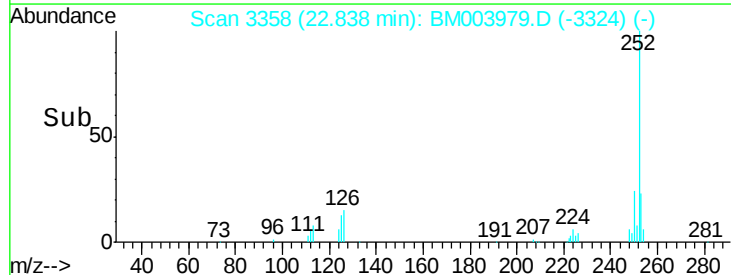
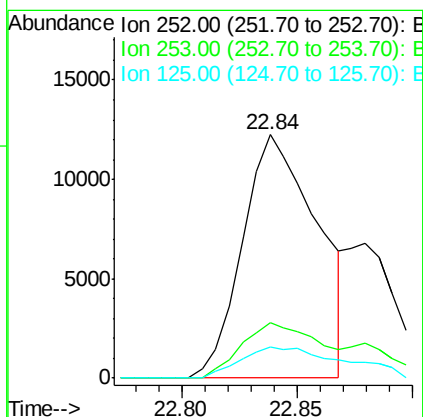
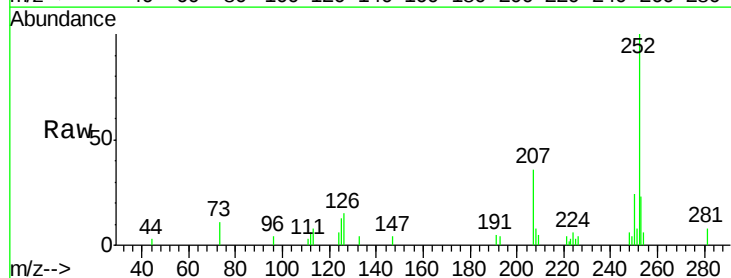
Instrument :
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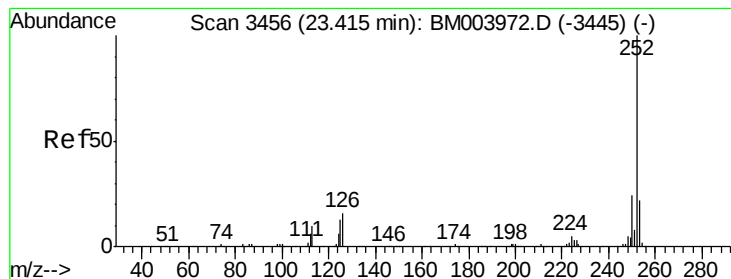
Tot Ion:228 Resp: 32438
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.0 36.0
 229 22.6 15.6 23.4



#88
 Benzo(b)fluoranthene
 Concen: 2.15 ng/ul
 RT: 22.84 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: BM003979.D
 Acq: 13 Jan 2016 06:17

Tgt Ion:252 Resp: 27589
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.5 26.3
 125 12.6 8.5 12.7





#91

Benzo(a)pyrene

Concen: 1.76 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM003979.D

Acq: 13 Jan 2016 06:17

Instrument :

BNA_M

ClientSampleId :

BC977

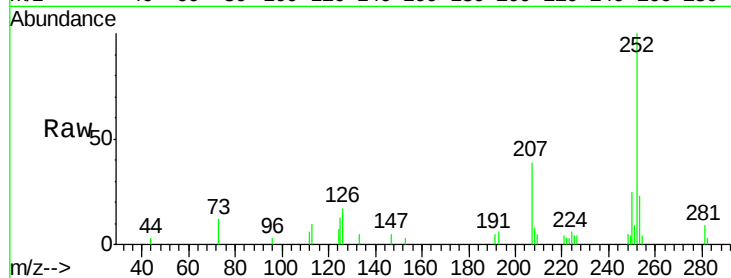
Tot Ion:252 Resp: 21453

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

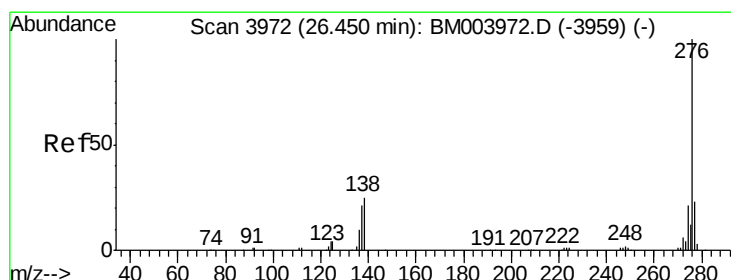
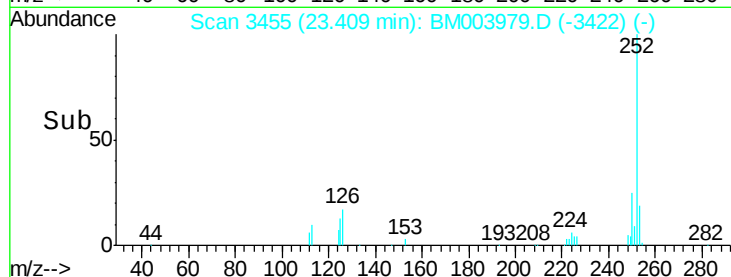
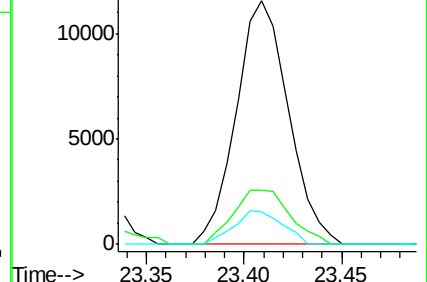
125 13.2 9.0 13.6



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



#94

Benzo(g,h,i)perylene

Concen: 1.08 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM003979.D

Acq: 13 Jan 2016 06:17

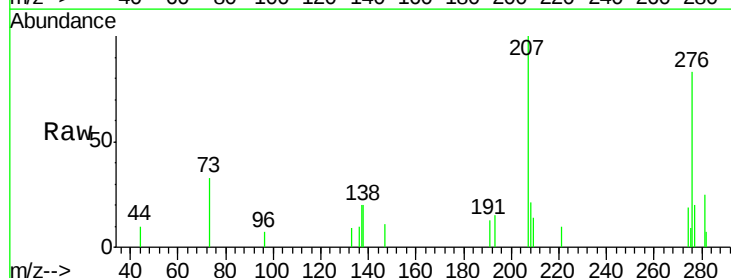
Tgt Ion:276 Resp: 12189

Ion Ratio Lower Upper

276 100

138 24.4 18.9 28.3

277 24.4 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

