

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
 Data File : BM023820.D
 Acq On : 20 Nov 2019 05:43
 Operator : JU
 Sample : K5847-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFPS4

Quant Time: Nov 20 13:34:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 06:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	437155	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1611222	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	864453	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1564622	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1643277	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2153256	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

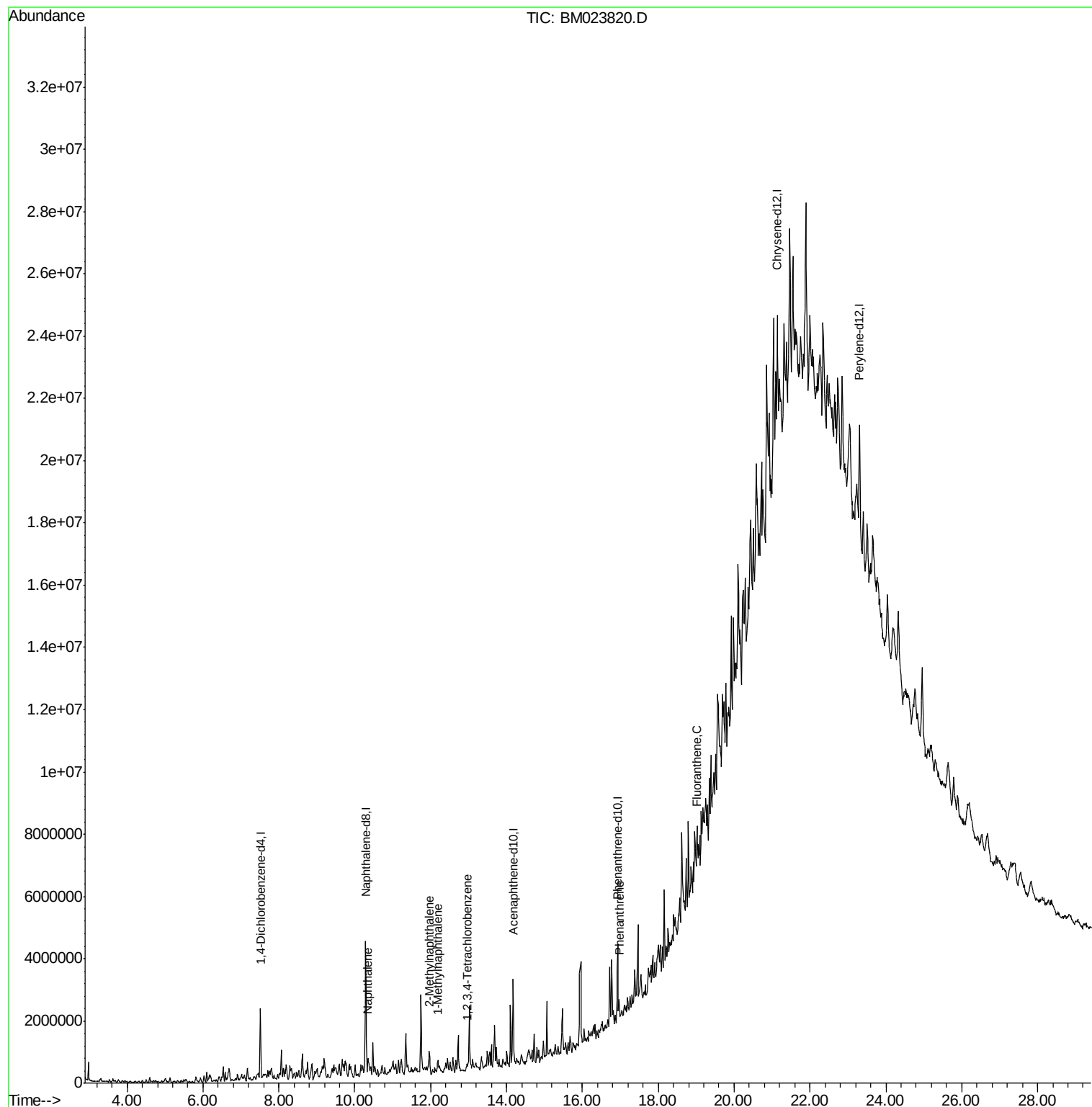
					Ovalue	
28) Naphthalene	10.34	128	118802	1.403	ng/ul#	95
34) 2-Methylnaphthalene	11.97	142	226327	3.494	ng/ul	96
35) 1-Methylnaphthalene	12.19	142	162862	2.549	ng/ul#	97
70) Phenanthrene	16.97	178	226333	2.626	ng/ul#	91
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	30713	1.385	ng/uL	95
77) Fluoranthene	19.00	202	92979	1.007	ng/ul#	83

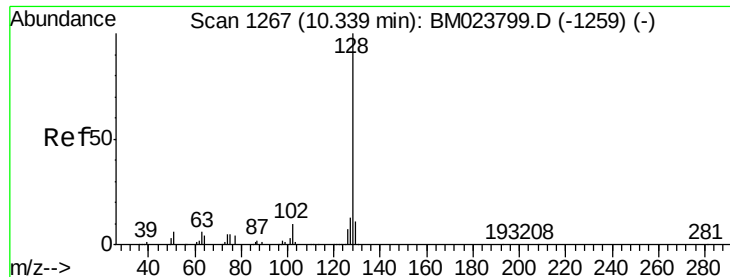
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 1.403 ng/ul

RT: 10.34 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BM023820.D

Acq: 20 Nov 2019 05:43

Instrument :

BNA_M

ClientSampleId :

BFPS4

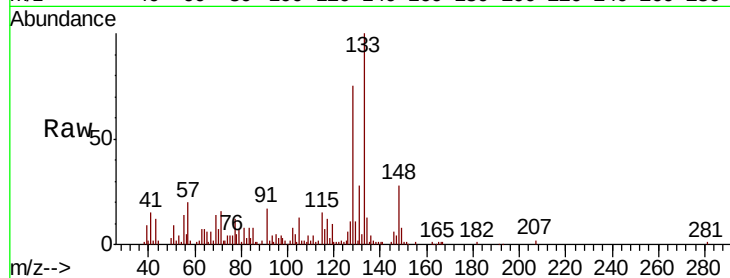
Tot Ion:128 Resp: 118802

Ion Ratio Lower Upper

128 100

129 14.5 8.7 13.1#

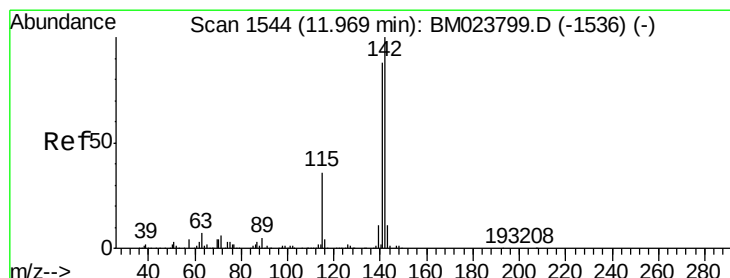
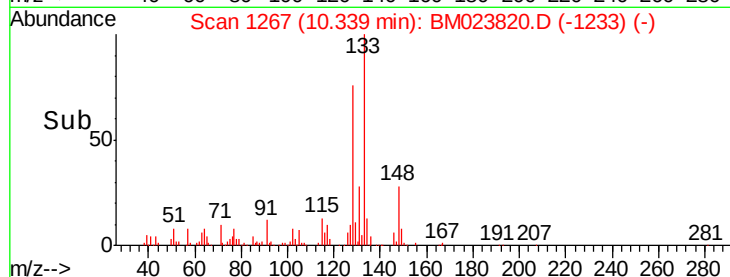
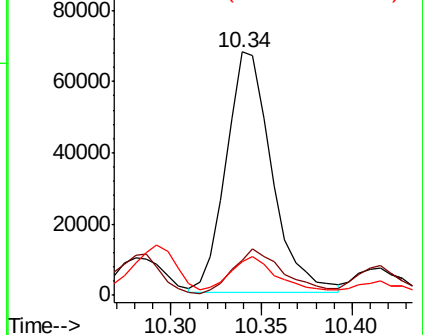
127 14.0 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 3.494 ng/ul

RT: 11.97 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BM023820.D

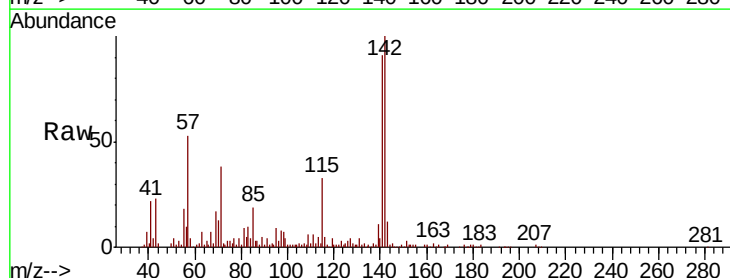
Acq: 20 Nov 2019 05:43

Tgt Ion:142 Resp: 226327

Ion Ratio Lower Upper

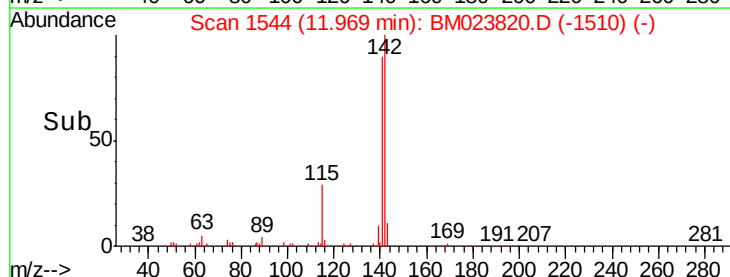
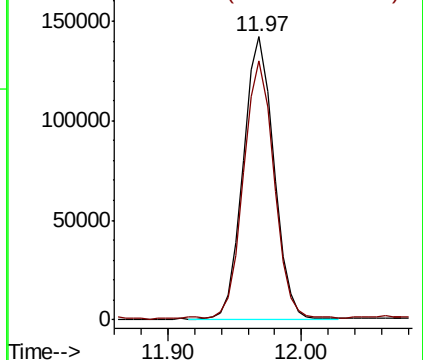
142 100

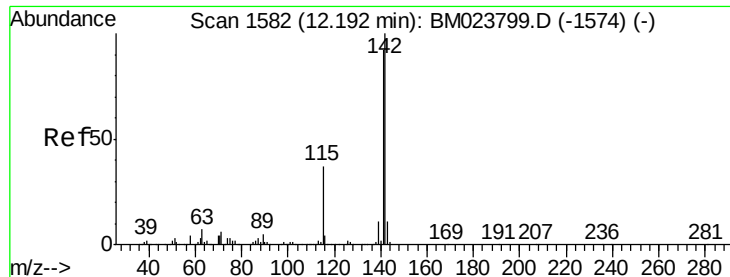
141 91.4 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

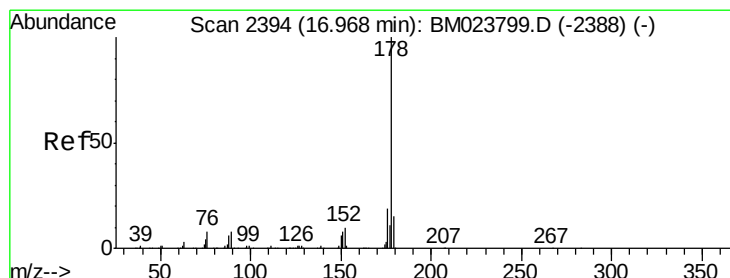
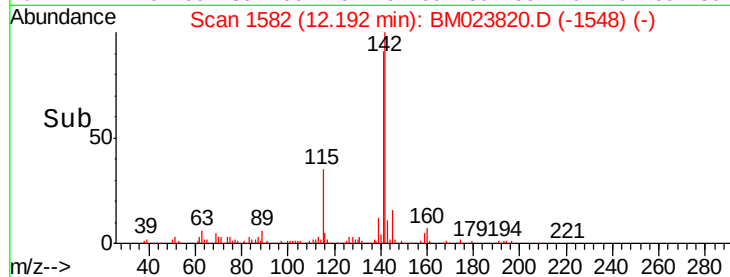
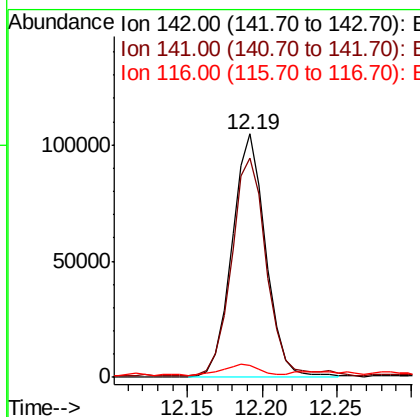
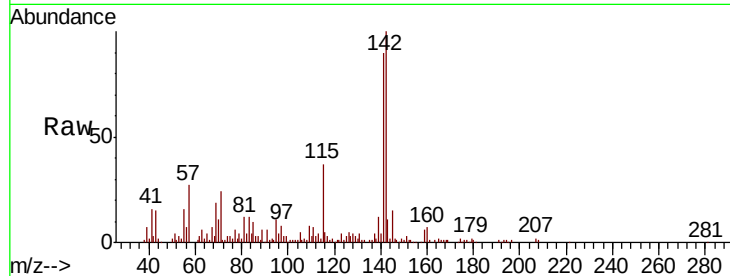




#35
 1-Methylnaphthalene
 Concen: 2.549 ng/ul
 RT: 12.19 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BM023820.D
 Acq: 20 Nov 2019 05:43

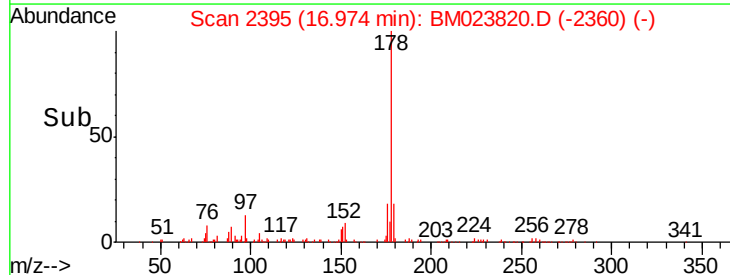
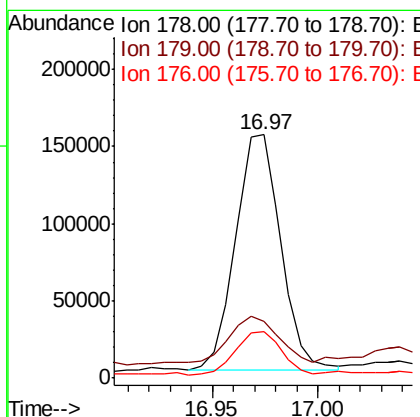
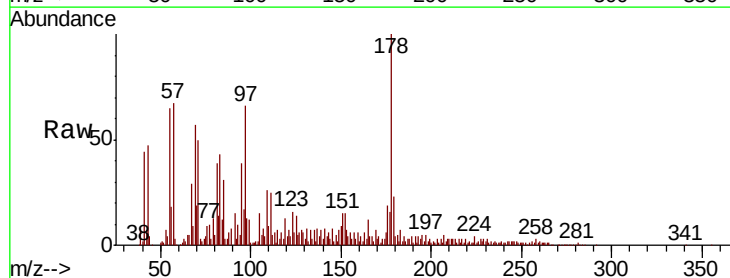
Instrument :
 BNA_M
 ClientSampled :
 BFPS4

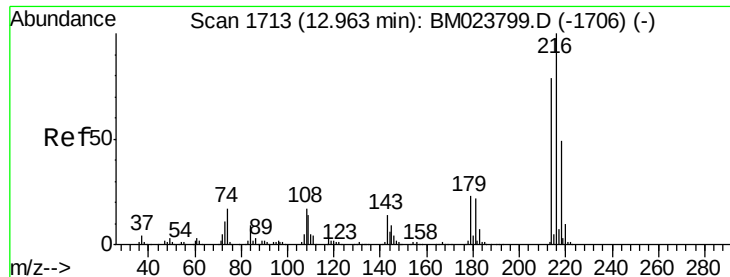
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.6	112.0
116	5.0	3.2	4.8#



#70
 Phenanthrene
 Concen: 2.626 ng/ul
 RT: 16.97 min Scan# 2395
 Delta R.T. 0.01 min
 Lab File: BM023820.D
 Acq: 20 Nov 2019 05:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.3	12.3	18.5#
176	19.1	15.0	22.6





#73

1,2,3,4-Tetrachlorobenzene

Concen: 1.385 ng/uL

RT: 12.97 min Scan# 1714

Delta R.T. 0.01 min

Lab File: BM023820.D

Acq: 20 Nov 2019 05:43

Instrument :

BNA_M

ClientSampled :

BFPS4

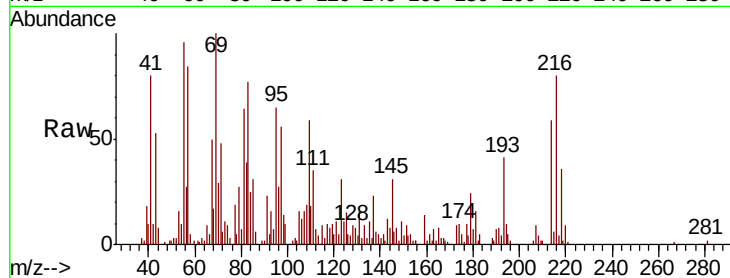
Tot Ion:216 Resp: 30713

Ion Ratio Lower Upper

216 100

214 74.6 63.1 94.7

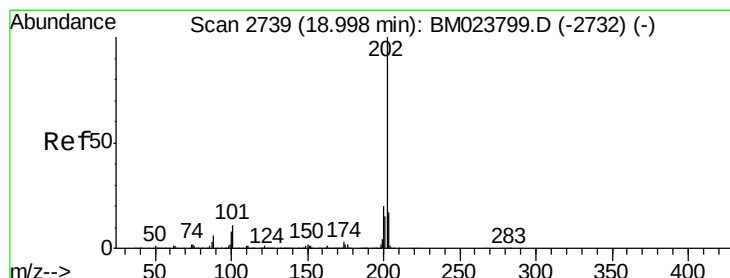
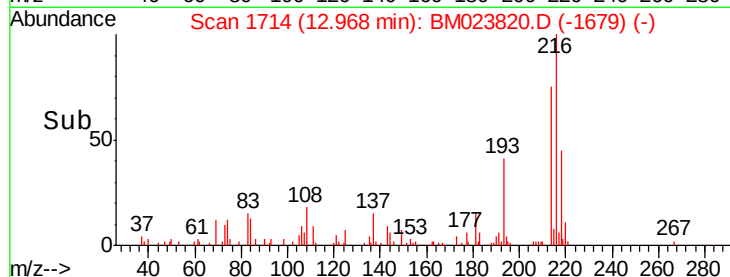
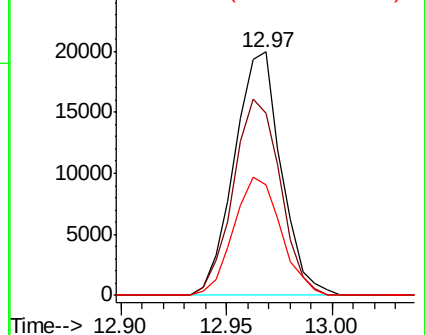
218 45.2 38.6 57.8



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#77

Fluoranthene

Concen: 1.007 ng/uL

RT: 19.00 min Scan# 2740

Delta R.T. 0.01 min

Lab File: BM023820.D

Acq: 20 Nov 2019 05:43

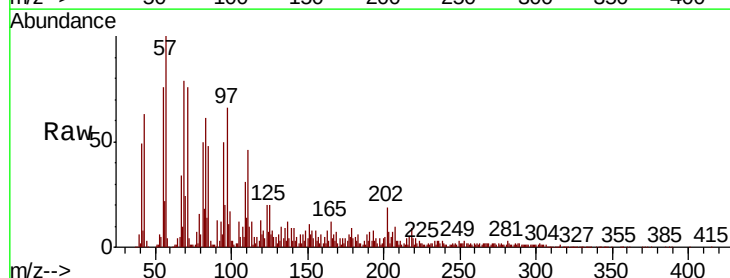
Tgt Ion:202 Resp: 92979

Ion Ratio Lower Upper

202 100

101 14.8 7.7 11.5#

100 15.1 6.0 9.0#



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): E

