

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101318\
 Data File : BM017149.D
 Acq On : 13 Oct 2018 16:20
 Operator : MJ/SJ
 Sample : J5400-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD9

Quant Time: Oct 15 02:49:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 12 23:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	195966	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	889785	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	493132	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1106569	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	920279	20.00	ng/ul	0.01
86) Perylene-d12	23.50	264	893561	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	232	0.06	ng/uL	0.09
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.06	67	109	0.01	ng/ul	0.03
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.48	131	1267	0.08	ng/ul	-0.13
44) Dimethylphthalate-d6	13.75	166	712	0.02	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	445	0.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	283	0.04	ng/ul	-0.01
58) Fluorene-d10	15.33	176	3753	0.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	702	0.11	ng/ul	0.00
71) Anthracene-d10	17.17	188	3150	0.06	ng/ul	0.00
79) Pyrene-d10	19.50	212	253	0.01	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.24	264	939	0.02	ng/ul	-0.11

Target Compounds

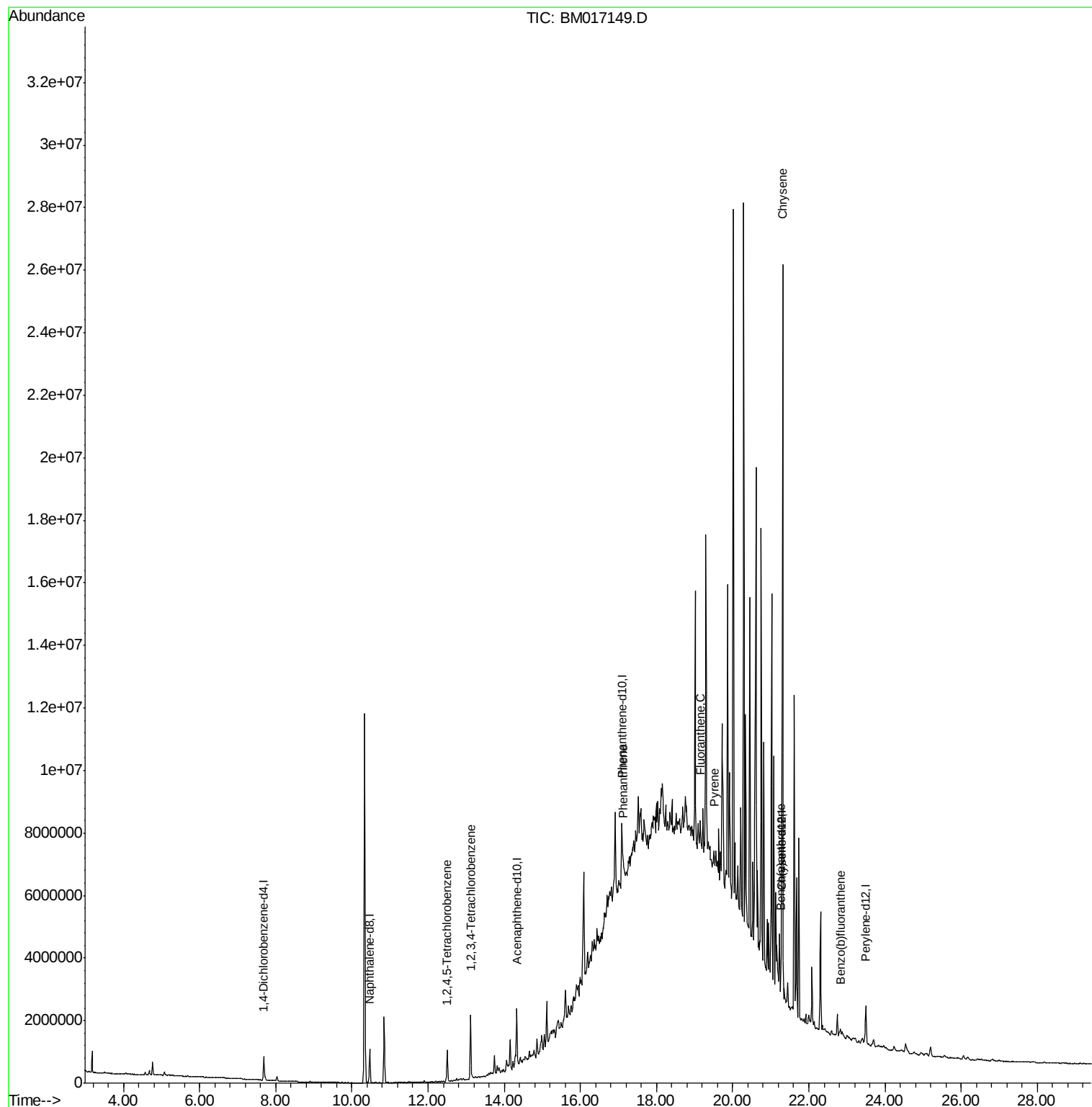
					Qvalue	
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	343218	20.269	ng/ul	99
70) Phenanthrene	17.13	178	129405	2.086	ng/ul#	58
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	596083	33.754	ng/uL	99
77) Fluoranthene	19.15	202	325370	4.527	ng/ul	100
80) Pyrene	19.51	202	177171	3.323	ng/ul	97
83) Benzo(a)anthracene	21.26	228	93221	1.689	ng/ul#	91
85) Chrysene	21.32	228	170497	3.193	ng/ul#	87
88) Benzo(b)fluoranthene	22.83	252	147348	2.769	ng/ul#	80

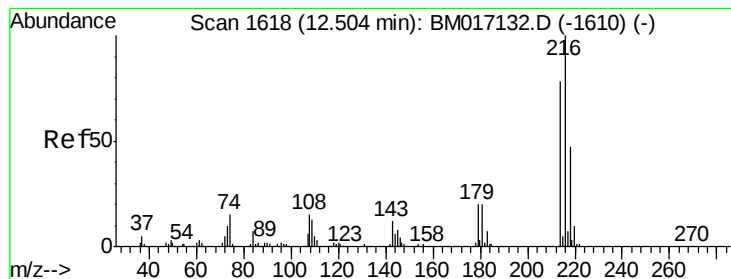
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2,4,5-Tetrachlorobenzene

Concen: 20.269 ng/ul

RT: 12.50 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BM017149.D

Acq: 13 Oct 2018 16:20

Instrument :

BNA_M

ClientSampleId :

C0BD9

Tgt Ion:216 Resp: 343218

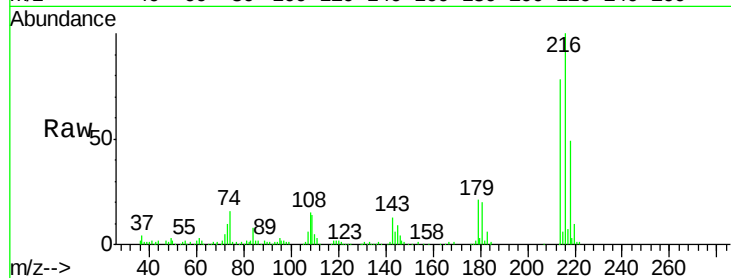
Ion Ratio Lower Upper

216 100

214 77.6 61.0 91.6

179 20.8 16.6 24.8

108 15.1 12.7 19.1

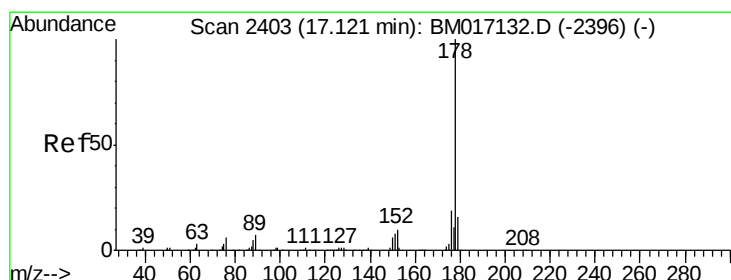
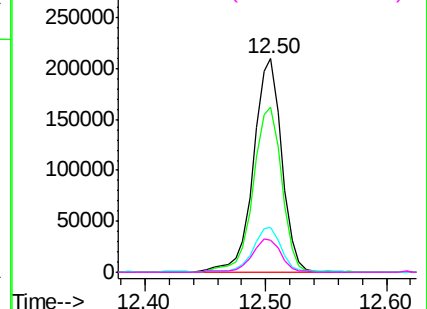
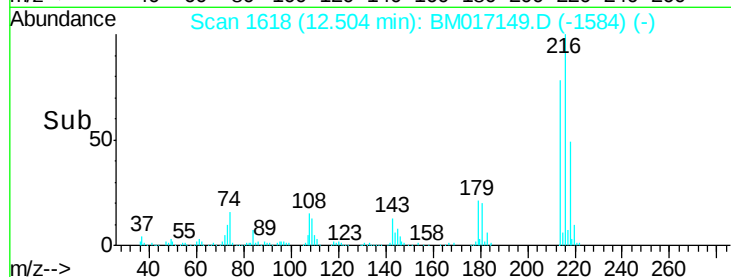


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#70

Phenanthrene

Concen: 2.086 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. 0.01 min

Lab File: BM017149.D

Acq: 13 Oct 2018 16:20

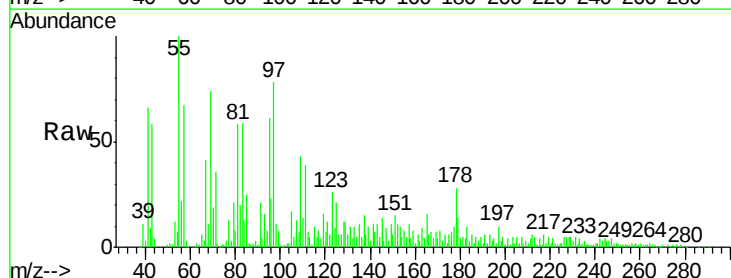
Tgt Ion:178 Resp: 129405

Ion Ratio Lower Upper

178 100

179 48.7 12.2 18.2#

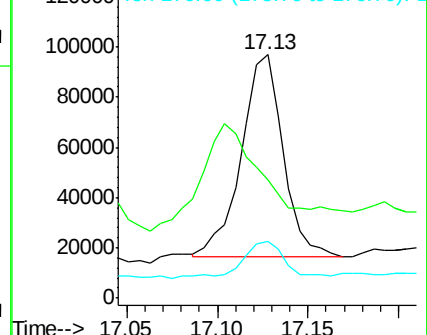
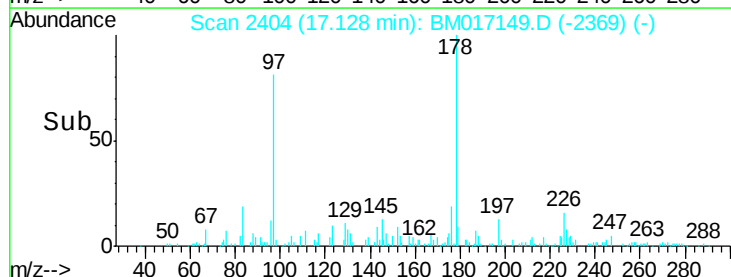
176 23.4 15.0 22.4#

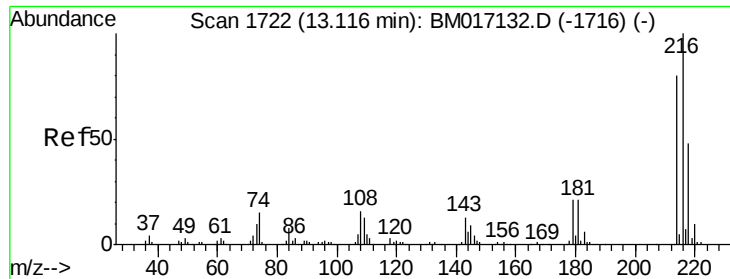


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

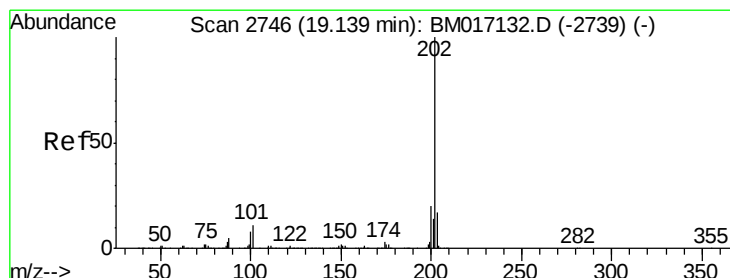
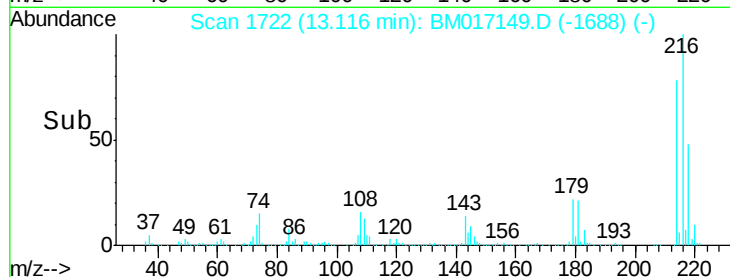
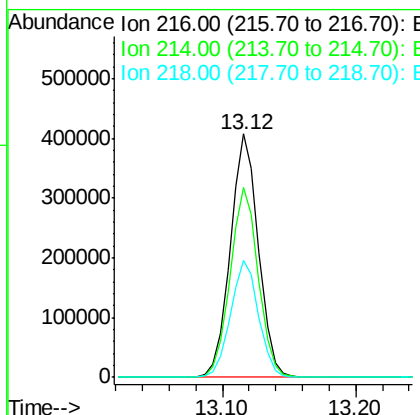
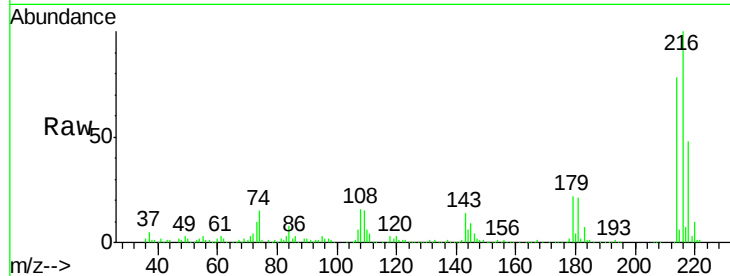




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 33.754 ng/uL
 RT: 13.12 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BM017149.D
 Acq: 13 Oct 2018 16:20

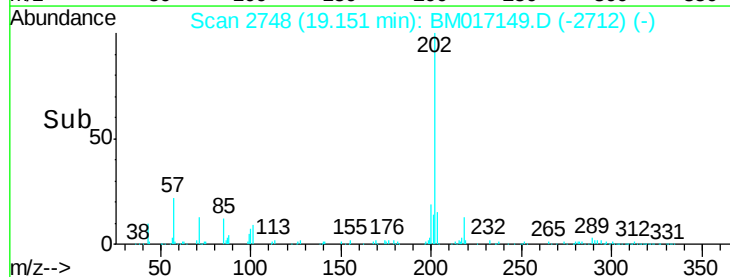
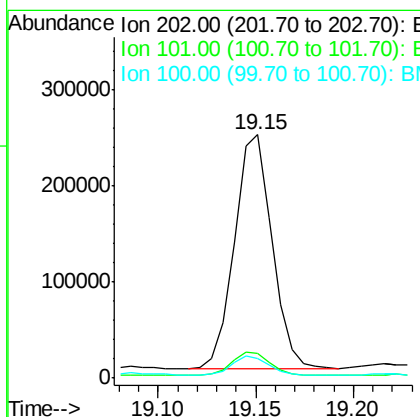
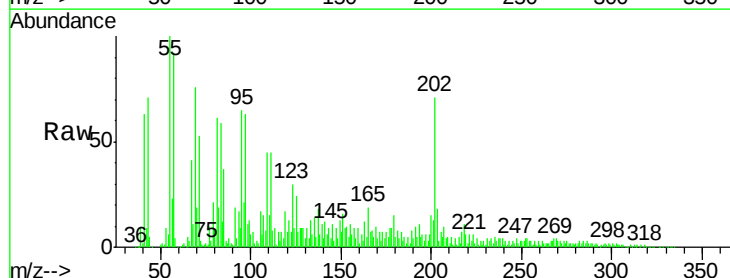
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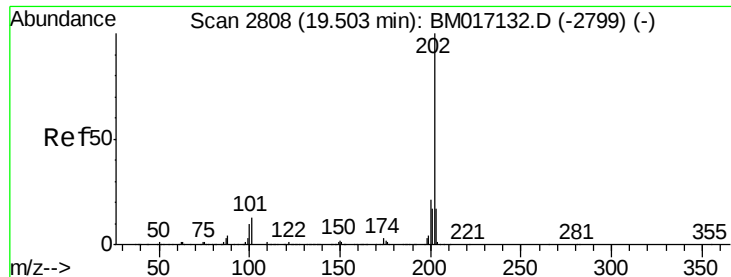
Tgt Ion:216 Resp: 596083
 Ion Ratio Lower Upper
 216 100
 214 77.8 61.6 92.4
 218 48.2 37.8 56.6



#77
 Fluoranthene
 Concen: 4.527 ng/uL
 RT: 19.15 min Scan# 2748
 Delta R.T. 0.01 min
 Lab File: BM017149.D
 Acq: 13 Oct 2018 16:20

Tgt Ion:202 Resp: 325370
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.3 12.5
 100 8.0 6.6 9.8

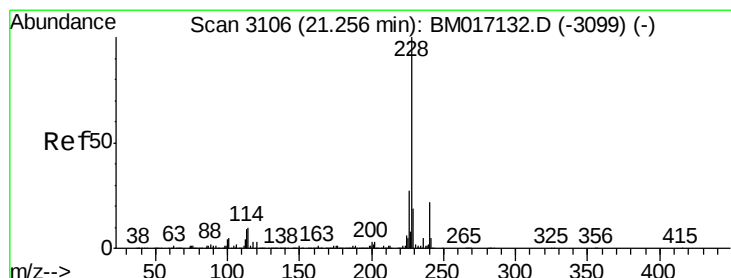
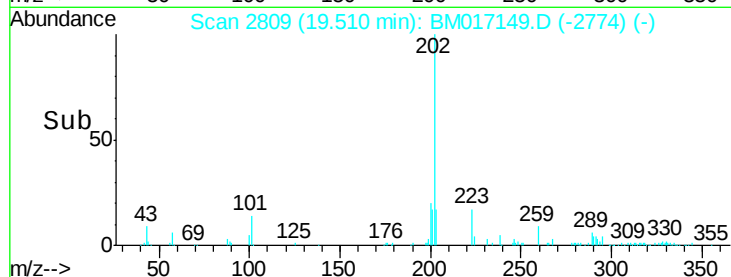
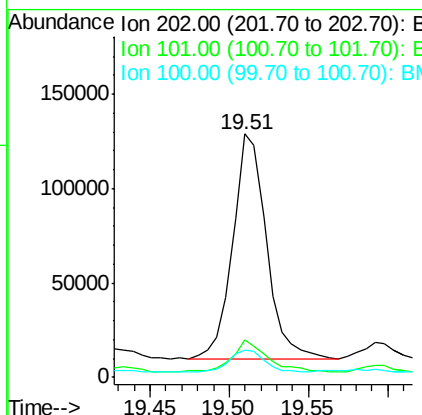
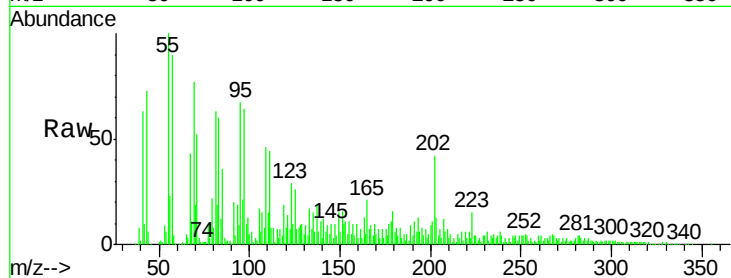




#80
 Pyrene
 Concen: 3.323 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. 0.01 min
 Lab File: BM017149.D
 Acq: 13 Oct 2018 16:20

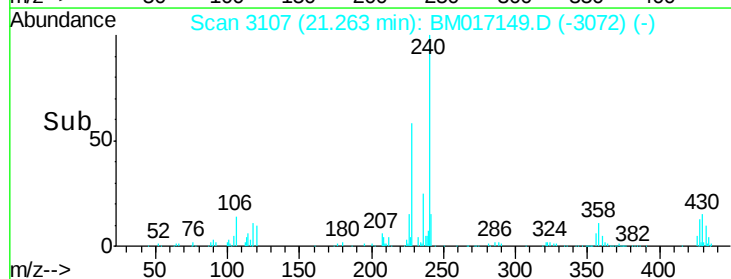
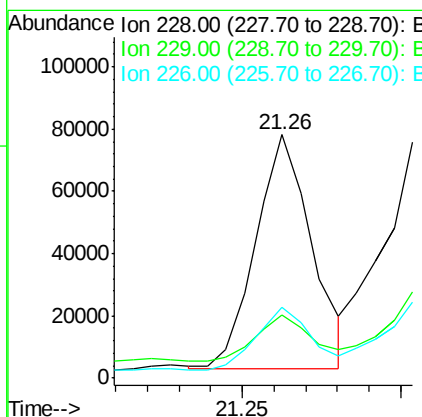
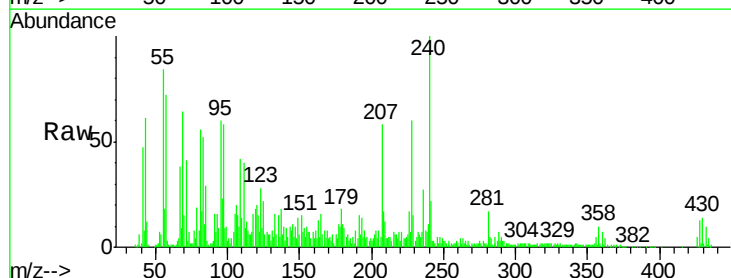
Instrument :
 BNA_M
 ClientSampleId :
 C0BD9

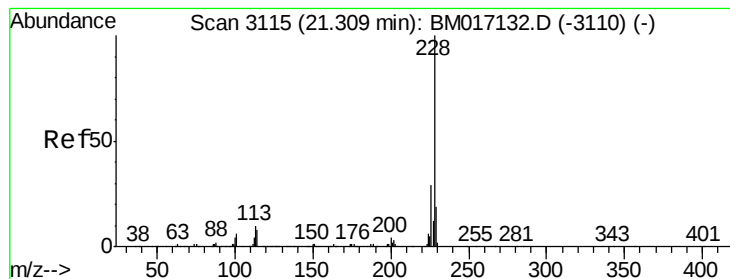
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	10.8	16.2
100	11.2	8.9	13.3



#83
 Benzo(a)anthracene
 Concen: 1.689 ng/ul
 RT: 21.26 min Scan# 3107
 Delta R.T. 0.01 min
 Lab File: BM017149.D
 Acq: 13 Oct 2018 16:20

Tgt Ion	Ratio	Lower	Upper
228	100		
229	25.7	15.7	23.5#
226	29.0	20.9	31.3





#85

Chrysene

Concen: 3.193 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BM017149.D

Acq: 13 Oct 2018 16:20

Instrument :

BNA_M

ClientSampleId :

C0BD9

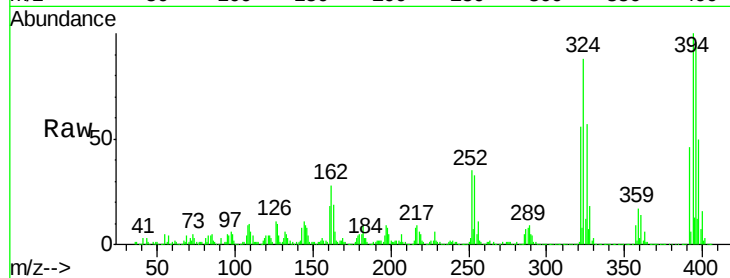
Tgt Ion:228 Resp: 170497

Ion Ratio Lower Upper

228 100

226 31.9 23.4 35.2

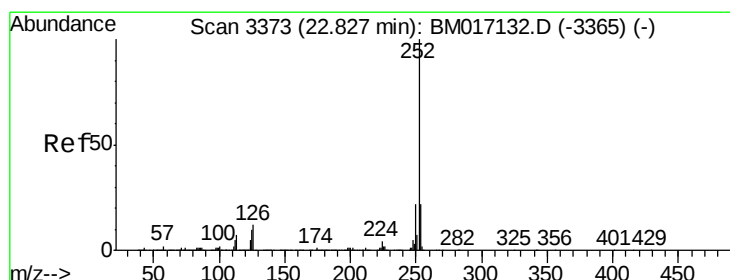
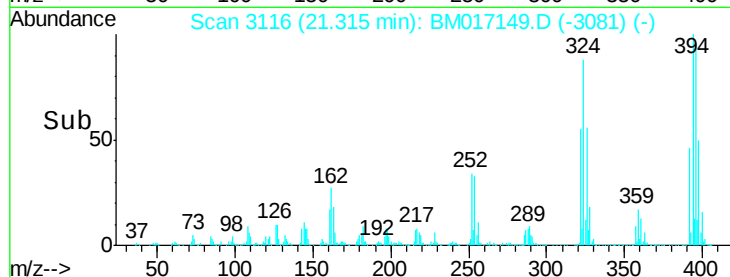
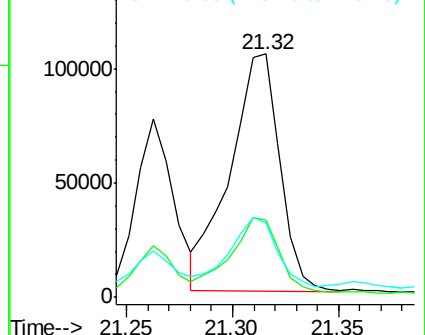
229 30.8 15.6 23.4#



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



#88

Benzo(b)fluoranthene

Concen: 2.769 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.01 min

Lab File: BM017149.D

Acq: 13 Oct 2018 16:20

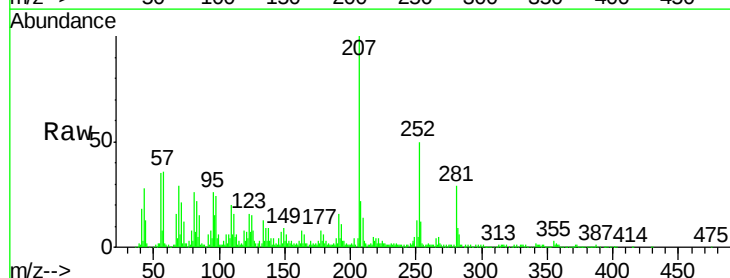
Tgt Ion:252 Resp: 147348

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

125 30.1 8.2 12.4#



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

