

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102718\
 Data File : BM017383.D
 Acq On : 27 Oct 2018 12:22
 Operator : MJ/SJ
 Sample : J5673-12
 Misc : GCMS Confirmation
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BL6

Quant Time: Oct 29 01:13:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 26 01:13:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	297482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1310610	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	762790	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1679587	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1790014	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	1612006	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	109	0.02	ng/uL	0.02
5) Phenol-d5	6.70	99	427	0.02	ng/ul	-0.13
7) Bis-(2-Chloroethyl)ether-d	7.10	67	121	0.01	ng/ul	0.11
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.30	113	492	0.02	ng/ul	-0.06
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	10.42	131	2260	0.13	ng/ul	-0.15
44) Dimethylphthalate-d6	13.73	166	241	0.00	ng/ul	0.01
47) Acenaphthylene-d8	13.99	160	108	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	2903	0.24	ng/ul	0.00
58) Fluorene-d10	15.29	176	4846	0.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	368	0.03	ng/ul	0.00
71) Anthracene-d10	17.14	188	7843	0.09	ng/ul	0.00
79) Pyrene-d10	19.45	212	765	0.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	1884	0.02	ng/ul	-0.12

Target Compounds

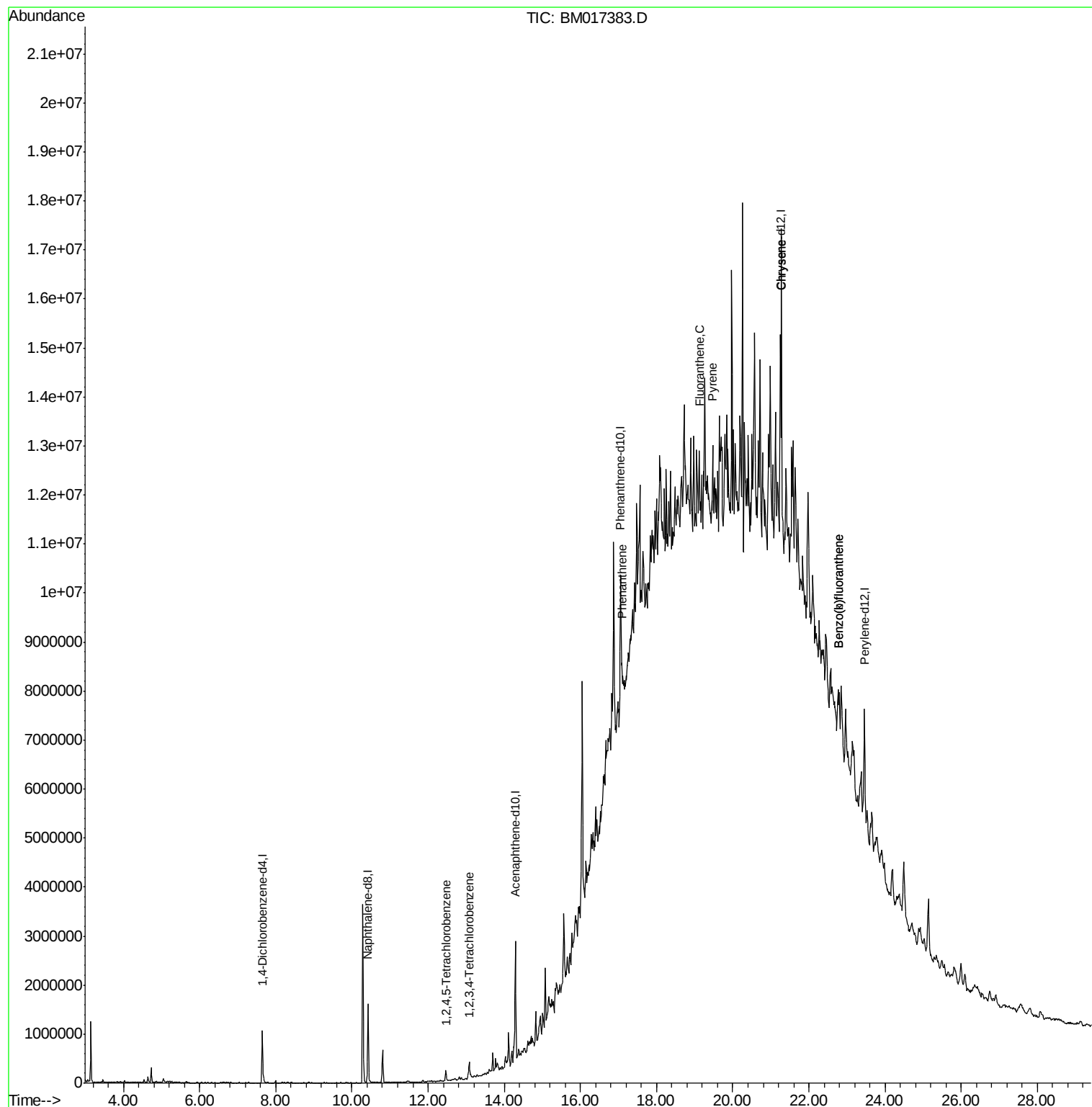
					Ovalue	
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	80250	3.130	ng/ul	98
70) Phenanthrene	17.09	178	173189	1.796	ng/ul#	67
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	101886	4.302	ng/uL	98
77) Fluoranthene	19.12	202	275196	2.489	ng/ul#	95
80) Pyrene	19.49	202	158372	1.524	ng/ul#	93
85) Chrysene	21.29	228	149706	1.437	ng/ul#	87
88) Benzo(b)fluoranthene	22.80	252	126544	1.341	ng/ul#	1
89) Benzo(k)fluoranthene	22.80	252	126544	1.373	ng/ul#	1

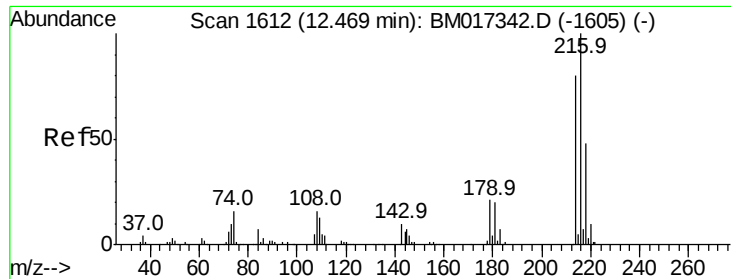
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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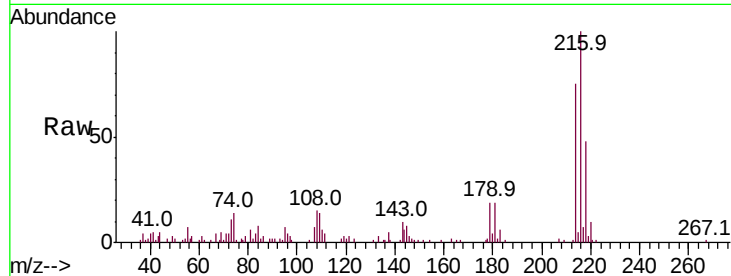




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.130 ng/ul
 RT: 12.47 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BM017383.D
 Acq: 27 Oct 2018 12:22

Instrument :
 BNA_M
 ClientSampleId :
 C0BL6

Tot Ion	Ratio	Lower	Upper
216	100		
214	75.4	61.7	92.5
179	19.3	16.0	24.0
108	15.4	12.6	18.8



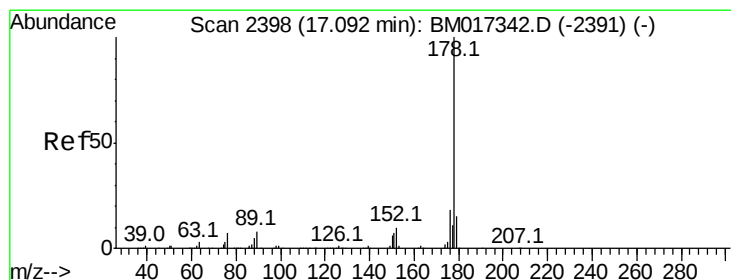
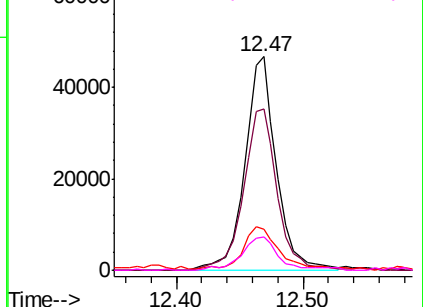
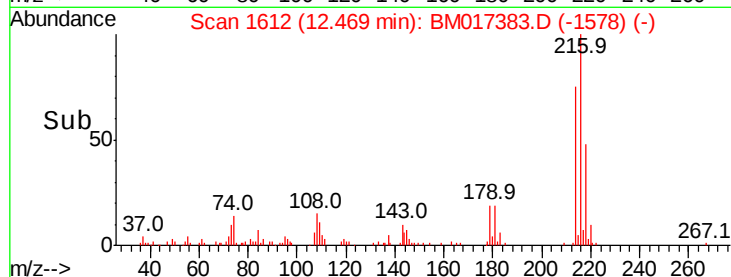
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

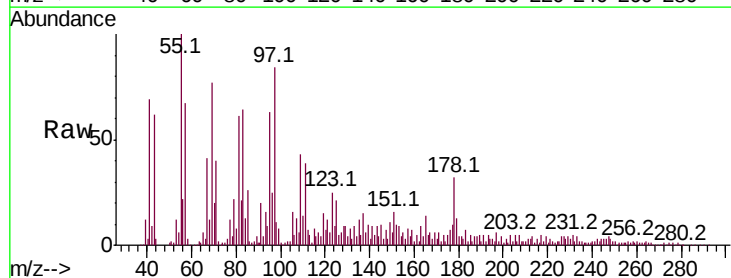
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#70
 Phenanthrene
 Concen: 1.796 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BM017383.D
 Acq: 27 Oct 2018 12:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	42.0	12.2	18.2#
176	21.9	14.9	22.3

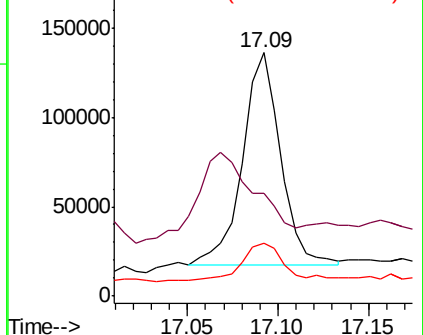
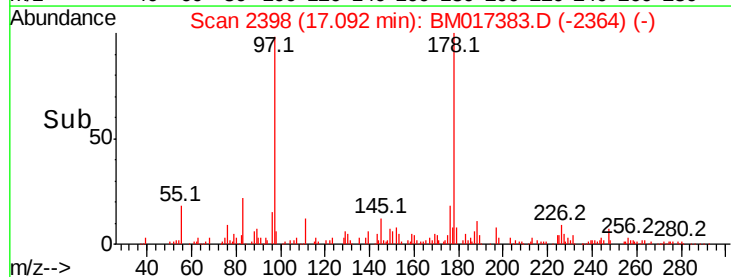


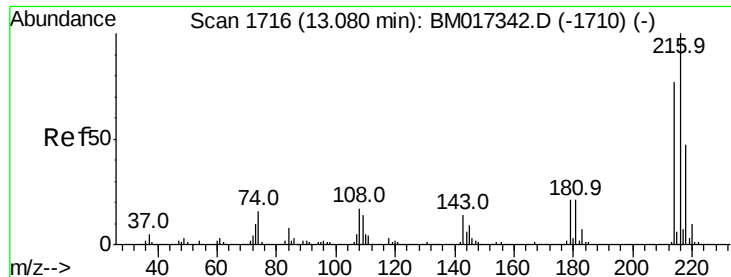
Abundance

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

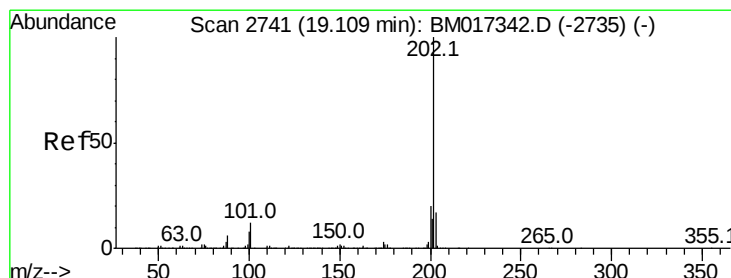
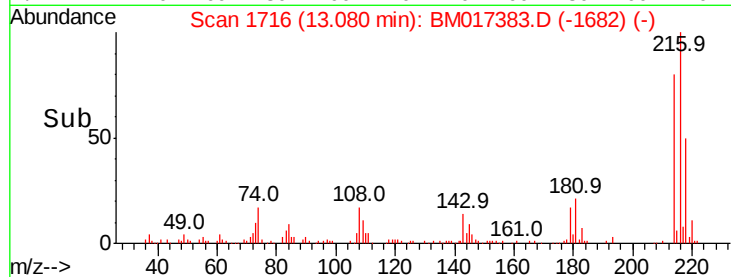
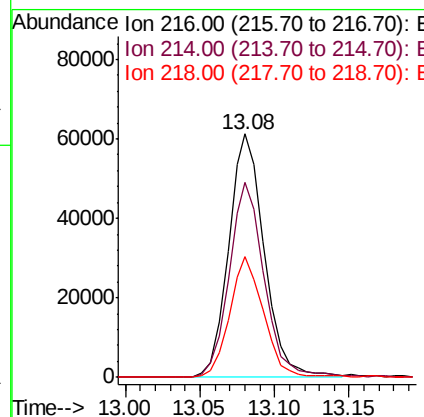
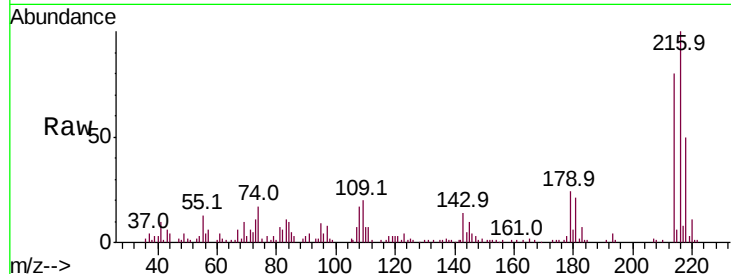




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.302 ng/uL
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BM017383.D
 Acq: 27 Oct 2018 12:22

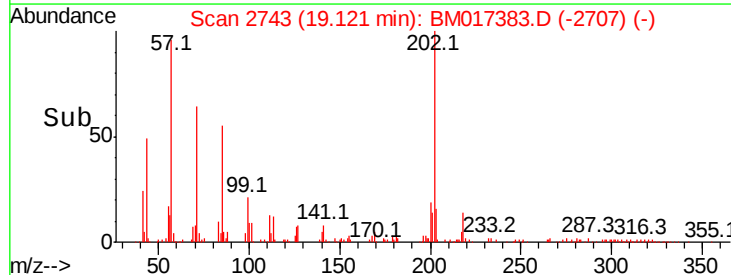
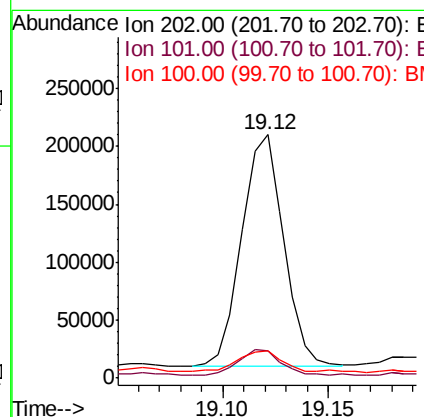
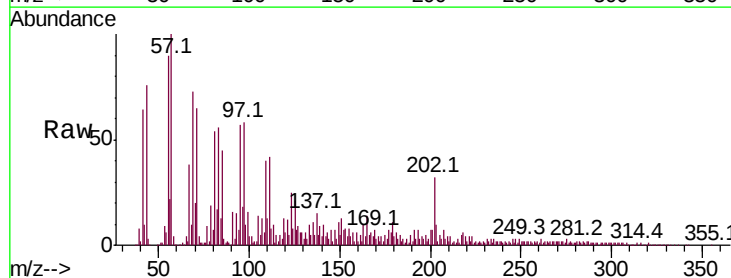
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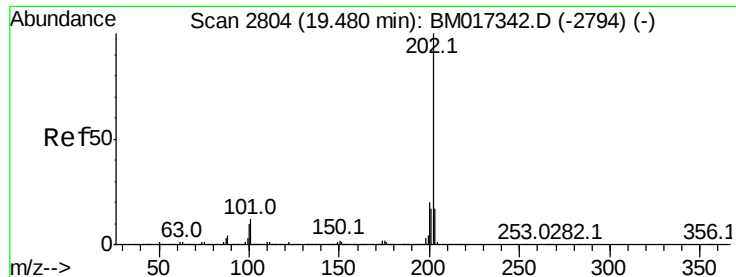
Tot Ion:	216	Resp:	101886
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.4	95.0
218	49.7	37.3	55.9



#77
 Fluoranthene
 Concen: 2.489 ng/uL
 RT: 19.12 min Scan# 2743
 Delta R.T. 0.01 min
 Lab File: BM017383.D
 Acq: 27 Oct 2018 12:22

Tgt Ion:	202	Resp:	275196
Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.2	12.4
100	11.3	6.3	9.5#

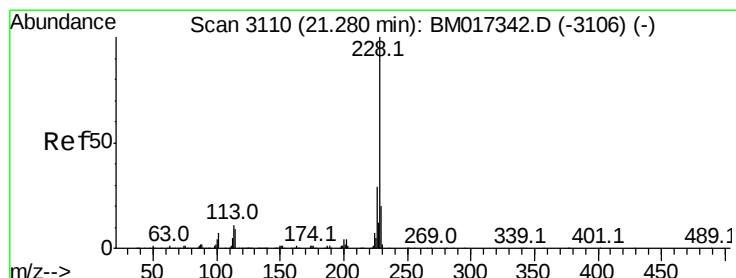
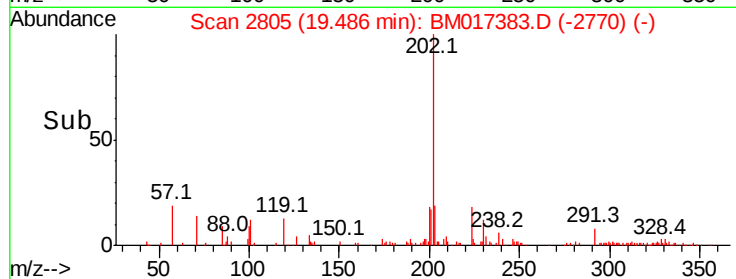
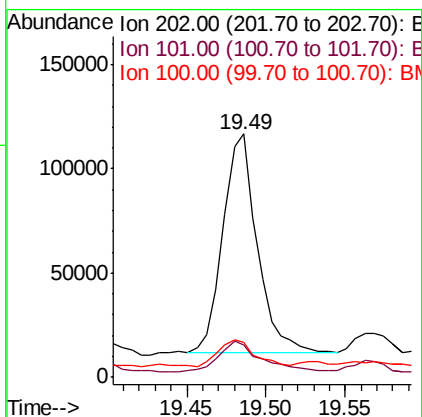
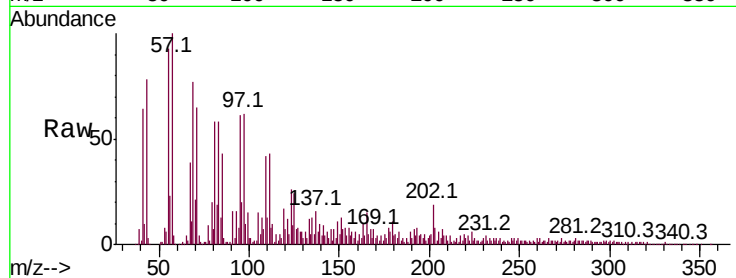




#80
Pvrene
Concen: 1.524 ng/ul
RT: 19.49 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM017383.D
Acq: 27 Oct 2018 12:22

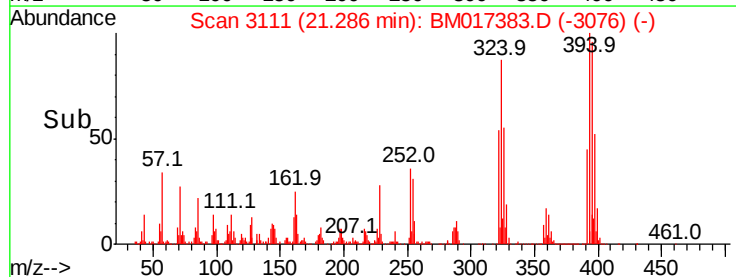
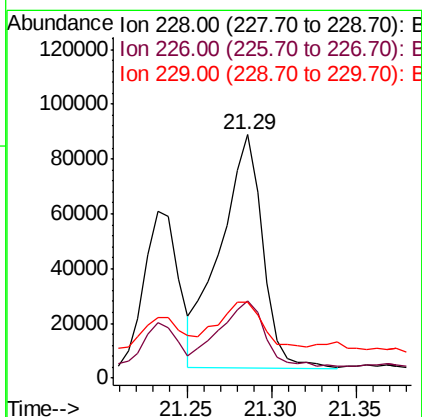
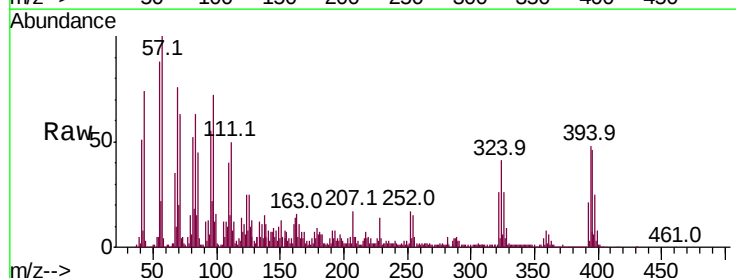
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BNA_M
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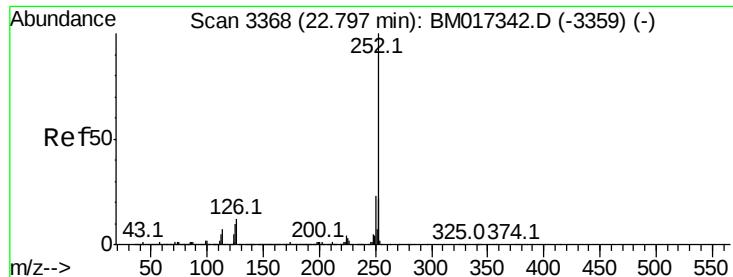
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.5	14.3
100	14.3	8.1	12.1



#85
Chrysene
Concen: 1.437 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BM017383.D
Acq: 27 Oct 2018 12:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.3	34.9
229	31.3	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 1.341 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM017383.D

Acq: 27 Oct 2018 12:22

Instrument :

BNA_M

ClientSampleId :

C0BL6

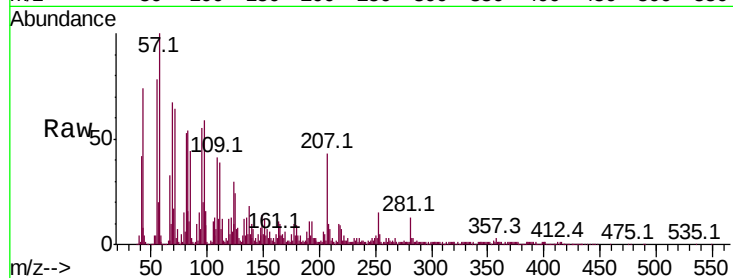
Tot Ion:252 Resp: 126544

Ion Ratio Lower Upper

252 100

253 35.8 17.6 26.4#

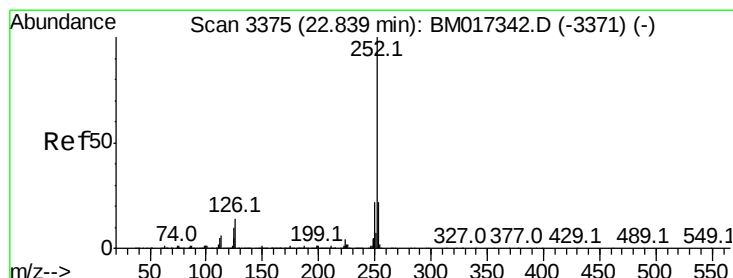
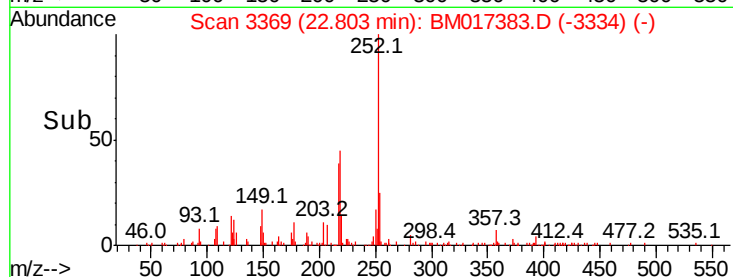
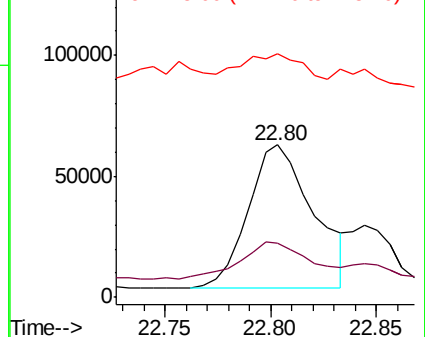
125 159.6 7.2 10.8#



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



#89

Benzo(k)fluoranthene

Concen: 1.373 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BM017383.D

Acq: 27 Oct 2018 12:22

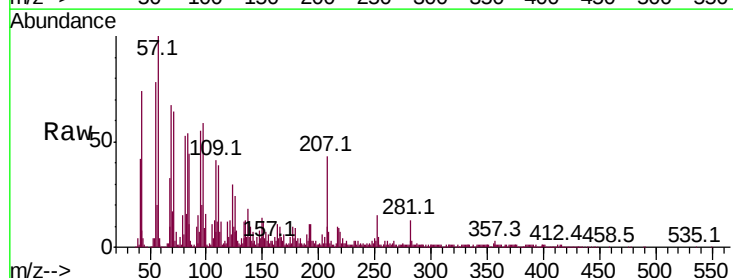
Tgt Ion:252 Resp: 126544

Ion Ratio Lower Upper

252 100

253 35.8 17.7 26.5#

125 159.6 7.8 11.6#



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

