

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
 Data File : BM017806.D
 Acq On : 29 Nov 2018 21:22
 Operator : JU/SJ
 Sample : J6038-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4J8

Manual Integrations
 APPROVED

mohammad
 11/30/2018 3:48:51 PM

Quant Time: Nov 30 01:19:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 29 00:55:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	236557	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1032247	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	615286	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1350962	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1123743	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	966527	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	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	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	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Ovalue	
69) Phenanthrene	17.03	178	516733	6.689	ng/ul	98
76) Fluoranthene	19.06	202	681296	7.497	ng/ul	99
79) Pyrene	19.42	202	463389	6.793	ng/ul	98
82) Benzo(a)anthracene	21.17	228	283855	4.073	ng/ul	100
84) Chrysene	21.23	228	288255	4.422	ng/ul	99
87) Benzo(b)fluoranthene	22.73	252	275178	4.580	ng/ul#	41
88) Benzo(k)fluoranthene	22.77	252	80349m	1.376	ng/ul	

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

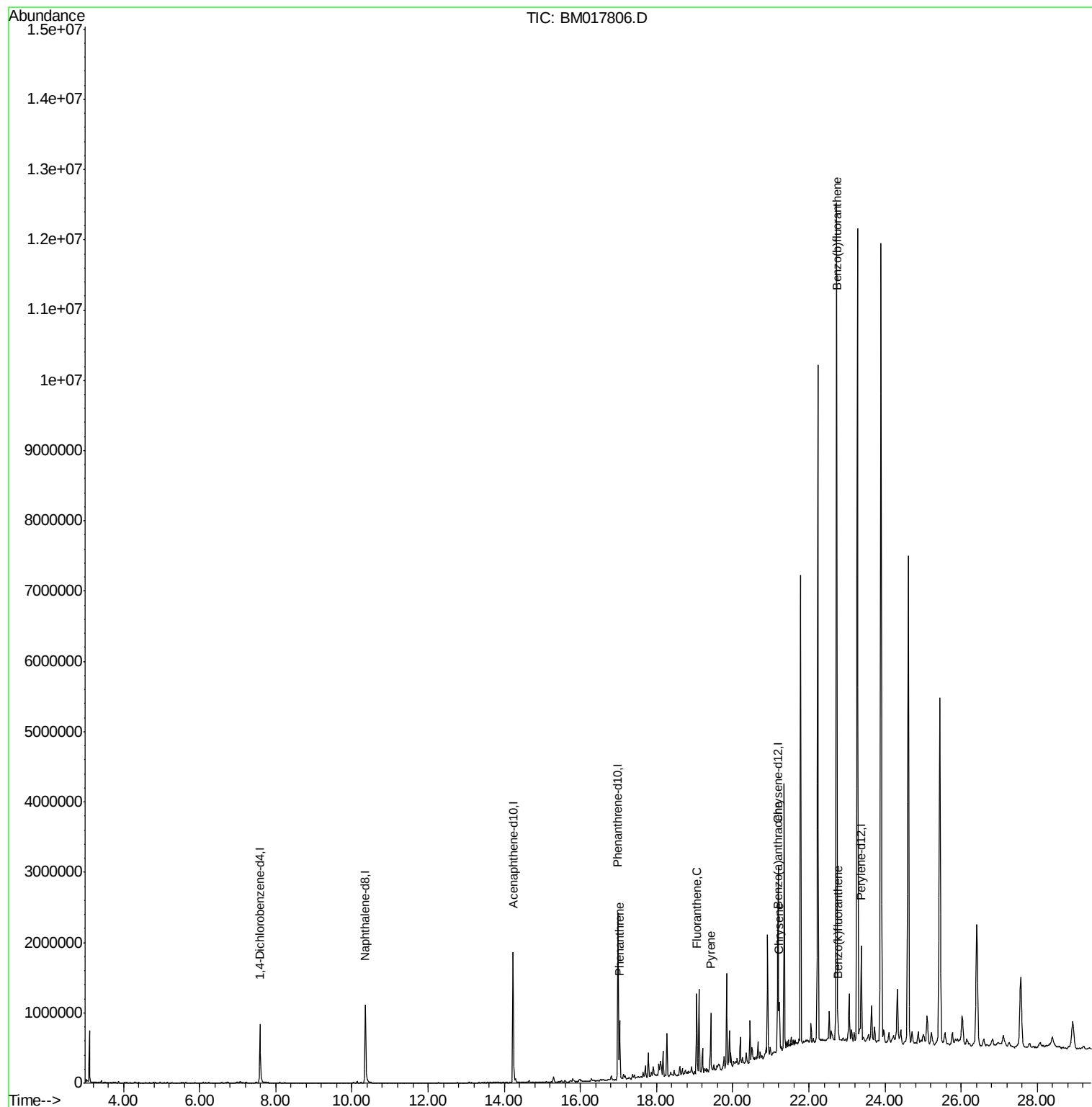
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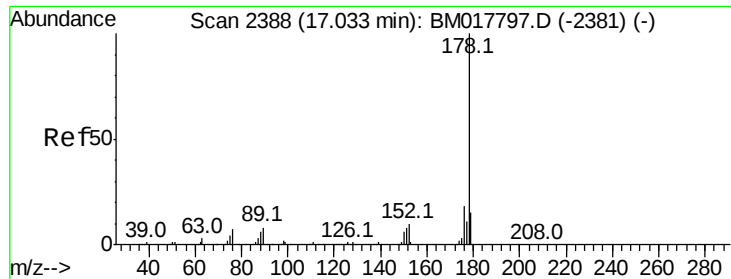
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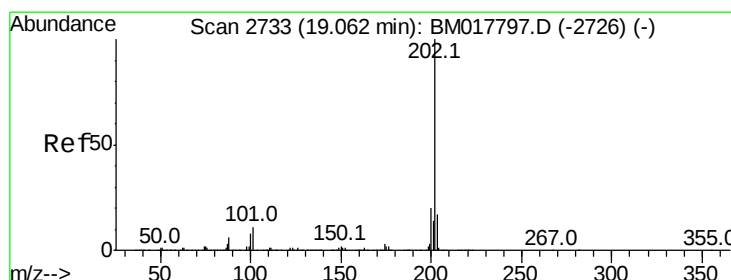
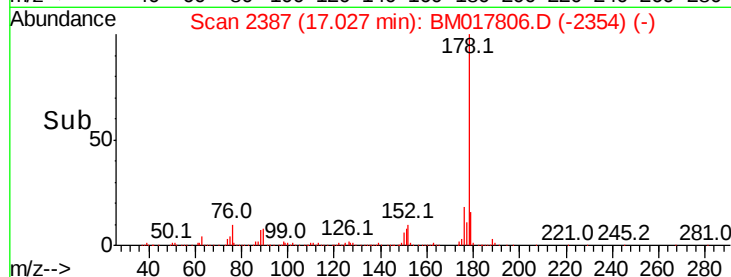
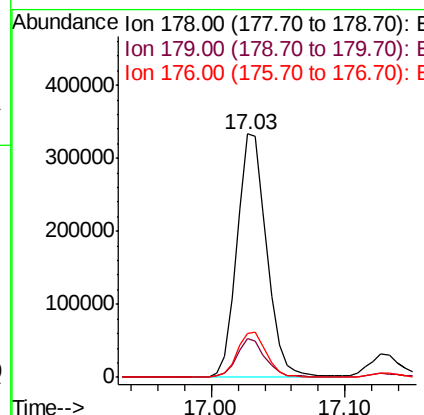
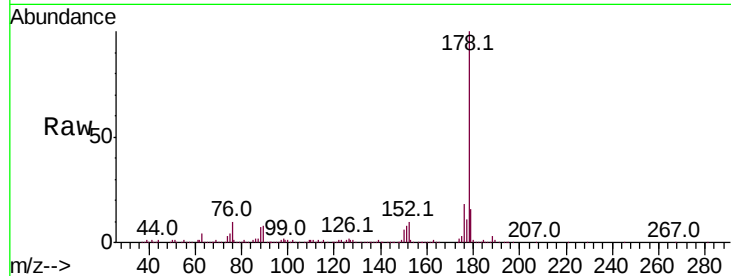
#69
Phenanthrene
Concen: 6.689 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM017806.D
Acq: 29 Nov 2018 21:22

Instrument :
BNA_M
ClientSampleId :
CB4J8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.8
176	18.0	15.0	22.6

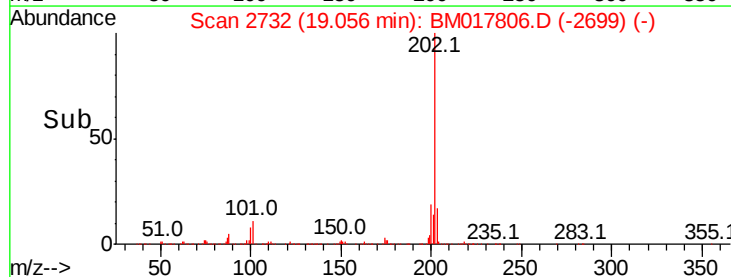
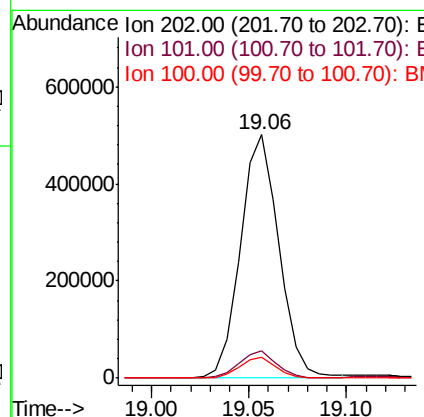
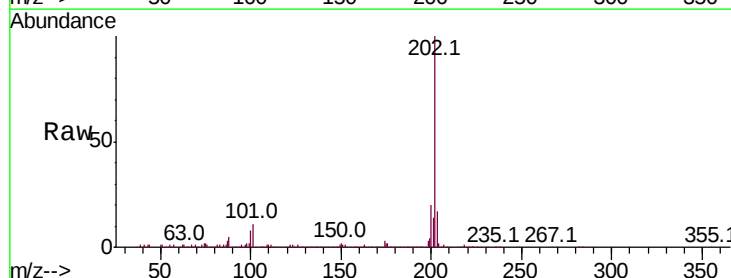
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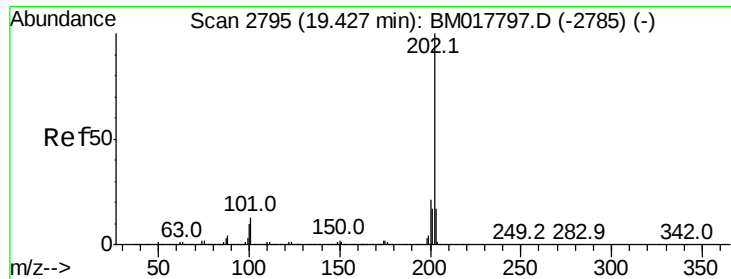
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#76
Fluoranthene
Concen: 7.497 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BM017806.D
Acq: 29 Nov 2018 21:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.4	12.6
100	8.4	6.6	9.8





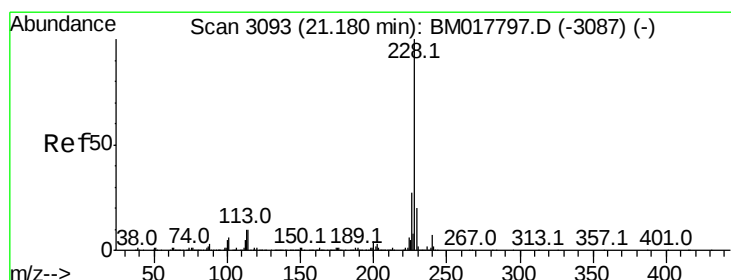
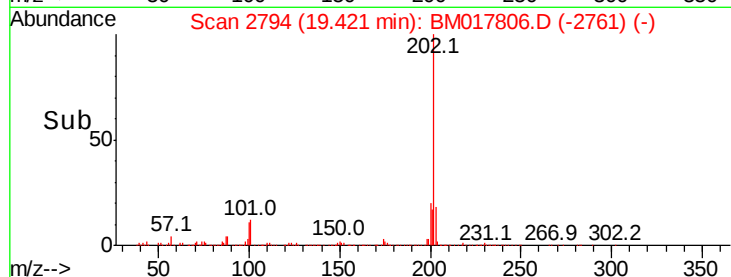
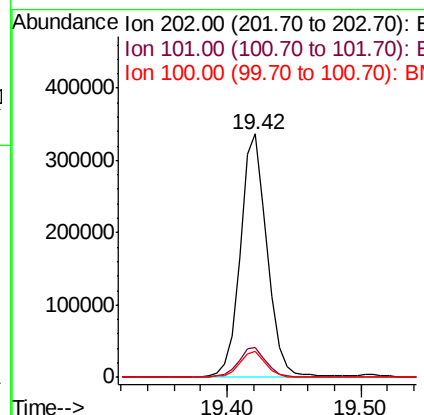
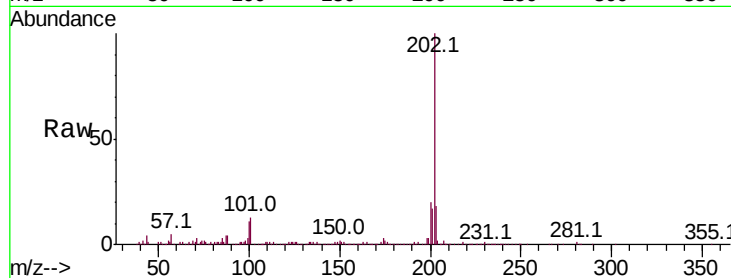
#79
Pvrene
Concen: 6.793 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM017806.D
Acq: 29 Nov 2018 21:22

Instrument :
BNA_M
ClientSampleId :
CB4J8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	9.6	14.4
100	10.6	7.9	11.9

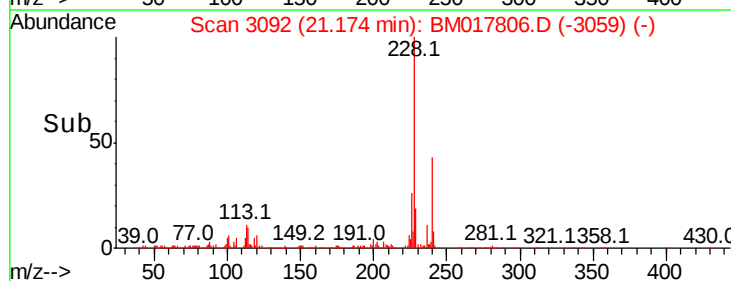
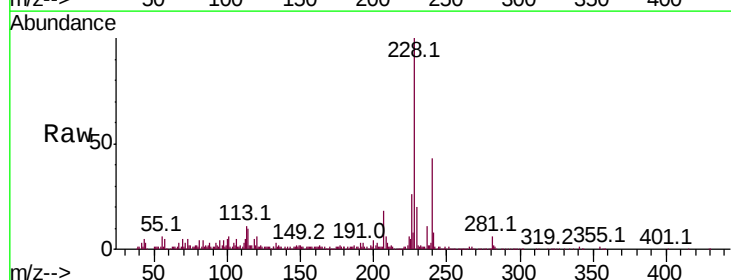
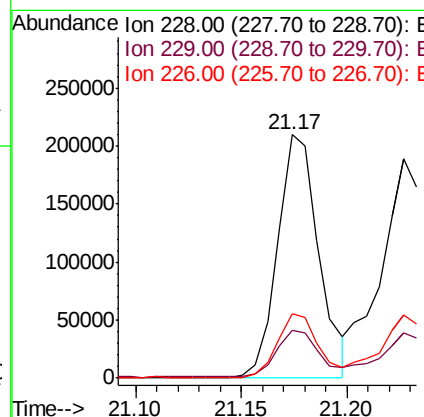
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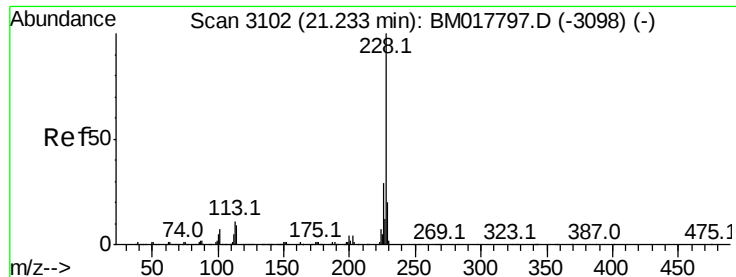
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#82
Benzo(a)anthracene
Concen: 4.073 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM017806.D
Acq: 29 Nov 2018 21:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.8	16.0	24.0
226	26.4	21.0	31.6





#84

Chrysene

Concen: 4.422 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM017806.D

Acq: 29 Nov 2018 21:22

Instrument :

BNA_M

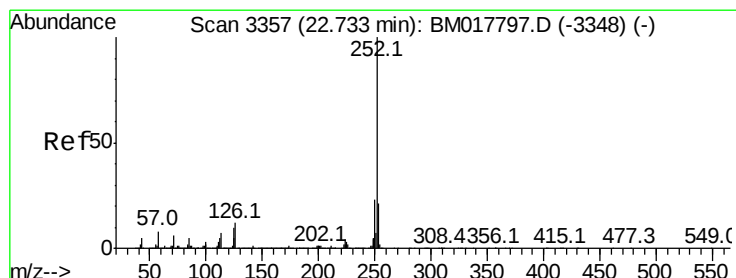
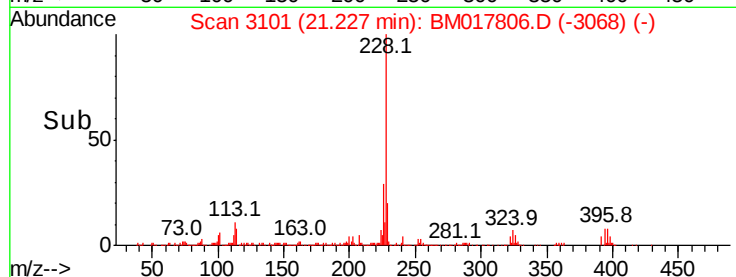
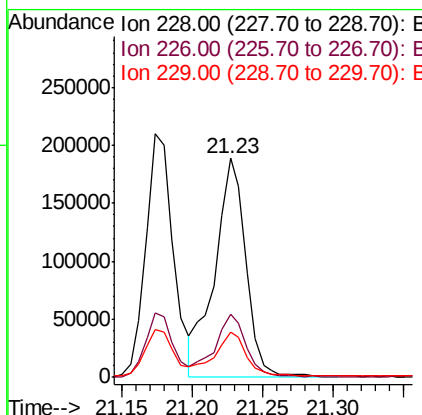
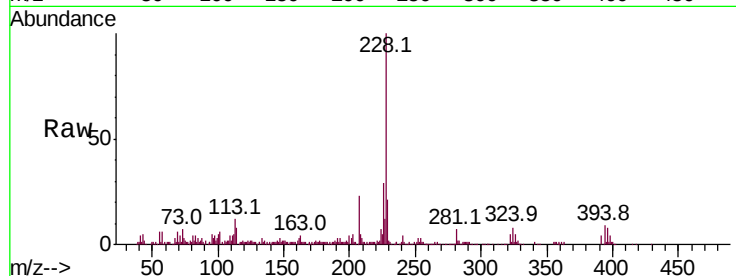
ClientSampleId :

CB4J8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		288255		
226	29.0		23.7	35.5	
229	20.5		15.8	23.8	

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#87

Benzo(b)fluoranthene

Concen: 4.580 ng/ul

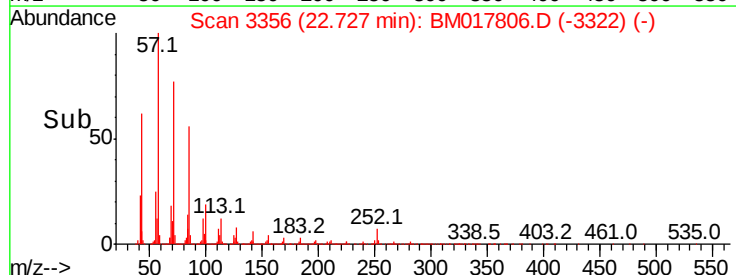
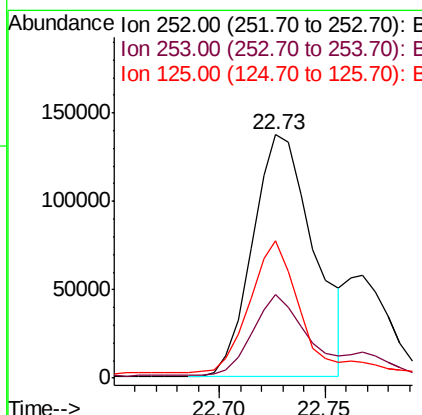
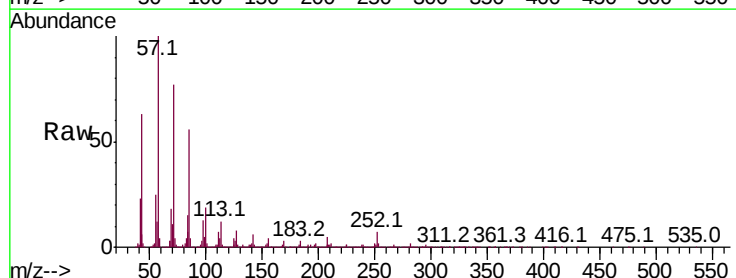
RT: 22.73 min Scan# 3356

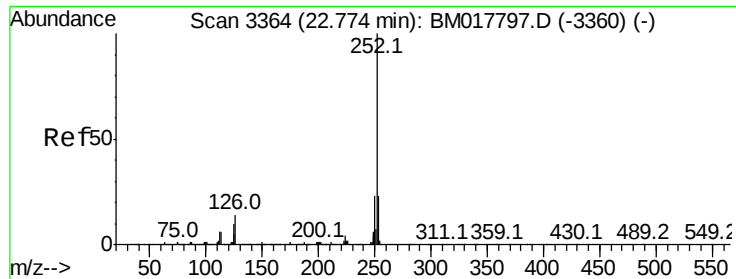
Delta R.T. -0.00 min

Lab File: BM017806.D

Acq: 29 Nov 2018 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		275178		
253	34.2		17.0	25.4#	
125	56.7		7.3	10.9#	





#88

Benzo(k)fluoranthene

Concen: 1.376 ng/ul m

RT: 22.77 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM017806.D

Acq: 29 Nov 2018 21:22

Instrument :

BNA_M

ClientSampleId :

CB4J8

Tot Ion:	252	Resp:	80349
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.0
125	15.7	7.1	10.7#

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