

Data File : BN004447.D
Acq On : 18 Feb 2019 17:40
Operator : JU/SJ
Sample : K1491-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB572

Quant Time: Feb 19 06:20:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	19740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	96799	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	75624	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	219750	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	317380	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	383145	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	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	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	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.13	188	219750	20.87	ng/ul	-0.11
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	23.59	264	380162	18.91	ng/ul	0.14

Target Compounds

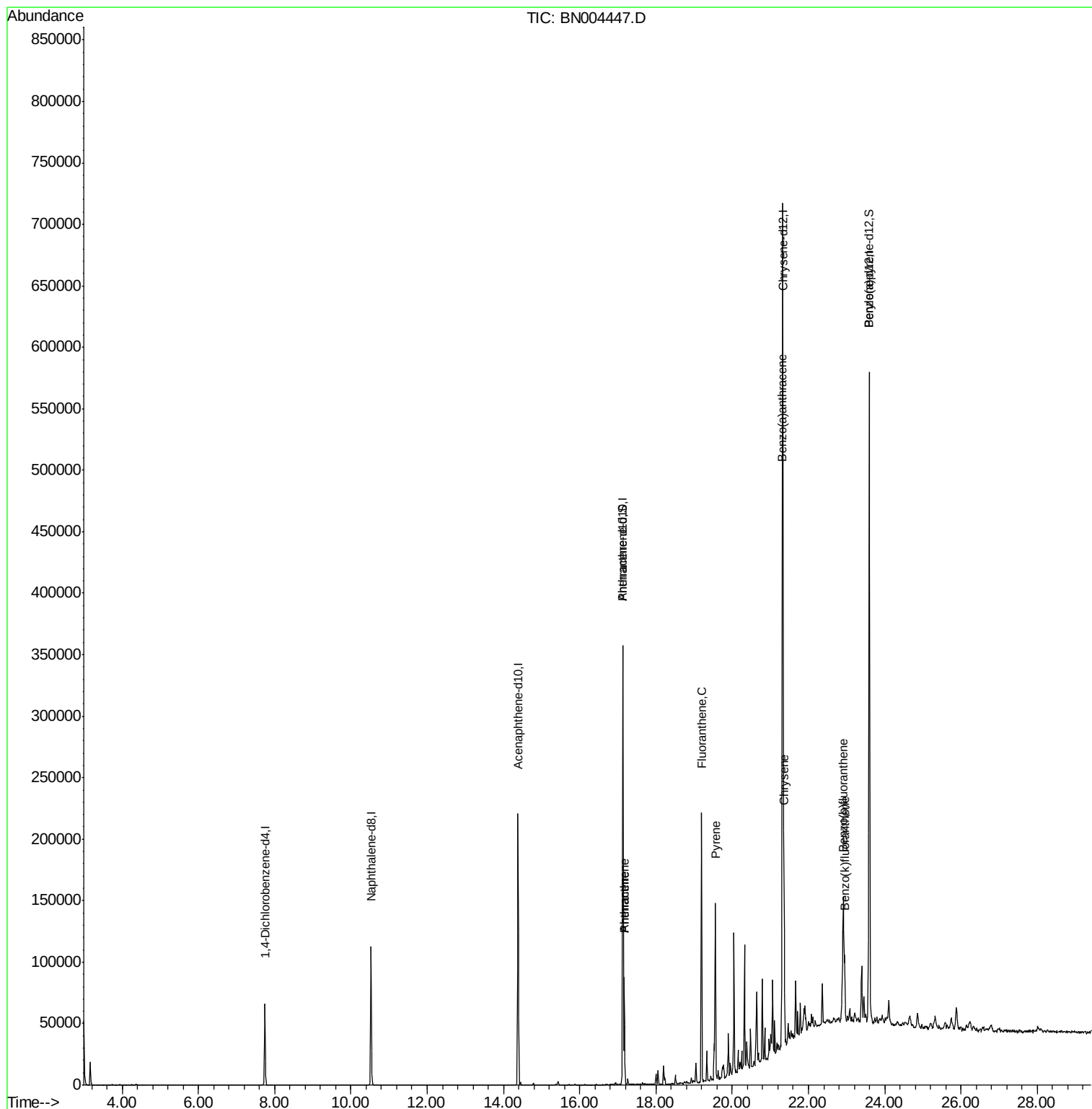
					Qvalue	
70) Phenanthrene	17.17	178	56169	4.607	ng/ul	99
72) Anthracene	17.17	178	56169	4.576	ng/ul	99
77) Fluoranthene	19.19	202	129142	8.604	ng/ul	98
80) Pyrene	19.56	202	89118	5.078	ng/ul	99
83) Benzo(a)anthracene	21.31	228	70348	3.596	ng/ul	99
85) Chrysene	21.36	228	72308	3.894	ng/ul	99
88) Benzo(b)fluoranthene	22.91	252	92195	4.063	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	29957	1.358	ng/ul	98

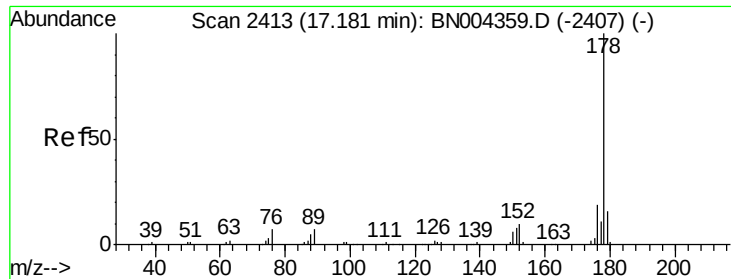
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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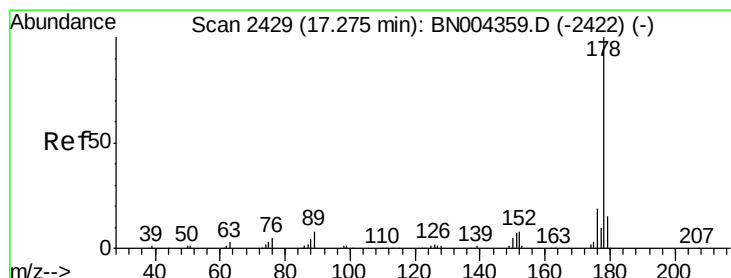
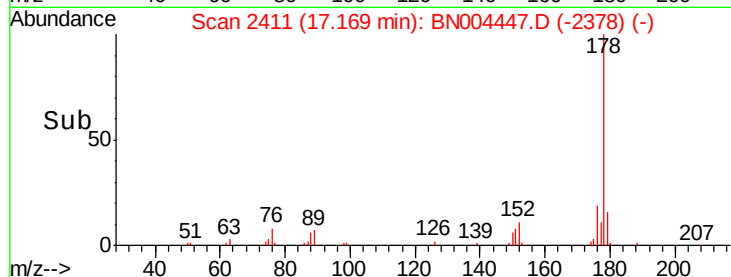
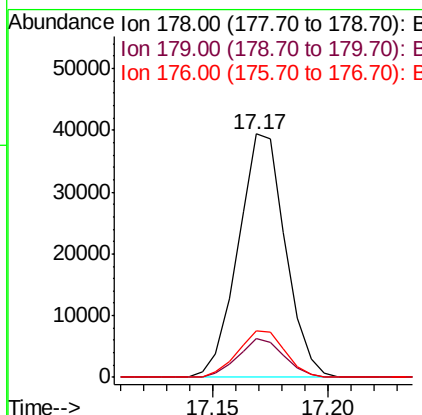
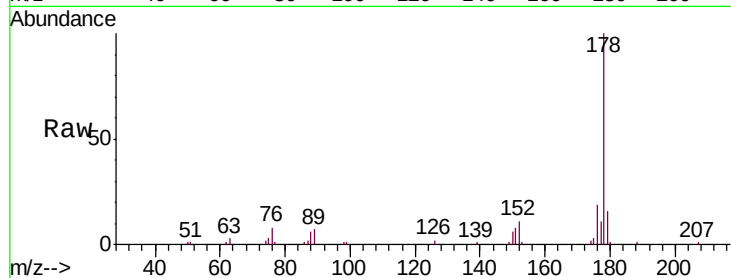




#70
Phenanthrene
Concen: 4.607 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BN004447.D
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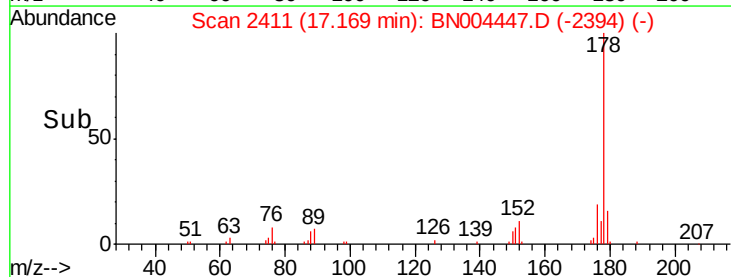
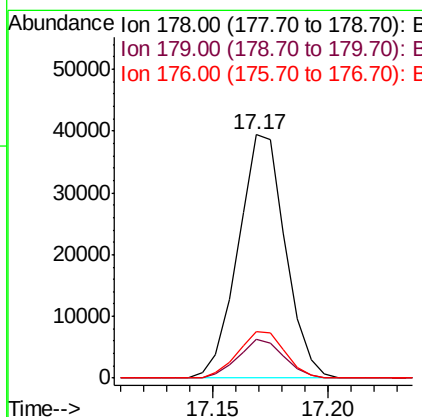
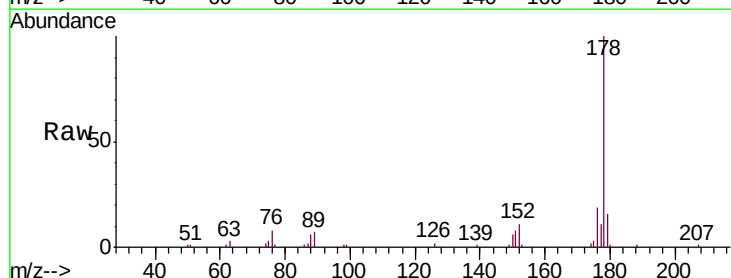
Instrument :
BNA_N
ClientSampled :
CB572

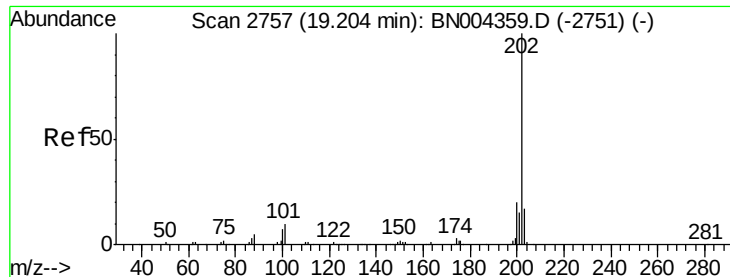
Tgt Ion:178 Resp: 56169
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 19.0 15.4 23.0



#72
Anthracene
Concen: 4.576 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.10 min
Lab File: BN004447.D
Acq: 18 Feb 2019 17:40

Tgt Ion:178 Resp: 56169
Ion Ratio Lower Upper
178 100
179 16.1 12.2 18.4
176 19.0 14.9 22.3

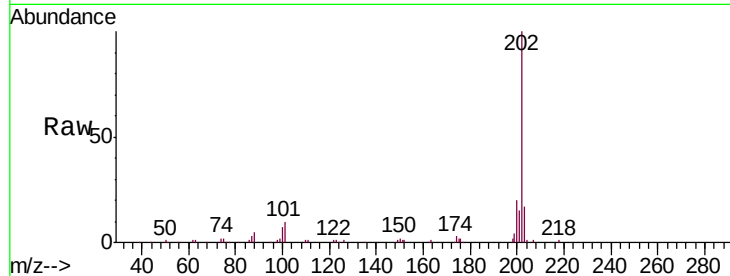




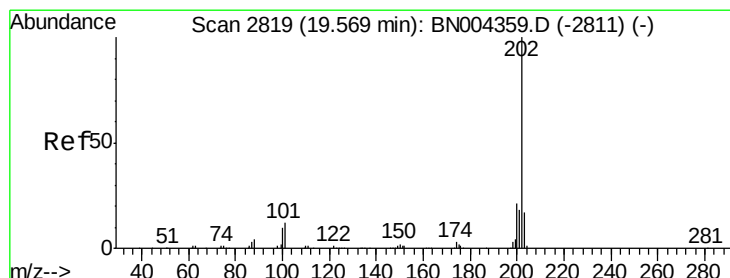
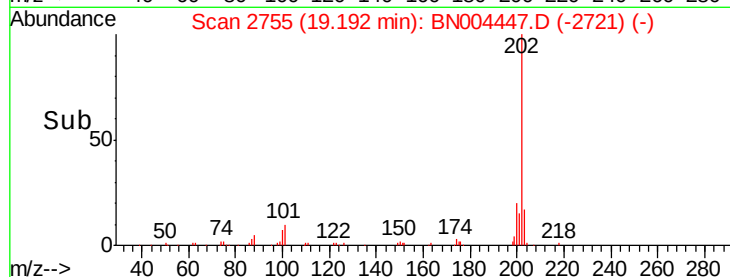
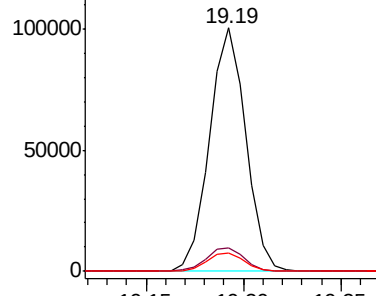
#77
Fluoranthene
Concen: 8.604 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BN004447.D
Acq: 18 Feb 2019 17:40

Instrument :
BNA_N
ClientSampleId :
CB572

Tgt Ion:	202	Resp:	129142
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.2	12.4
100	7.5	6.6	9.8

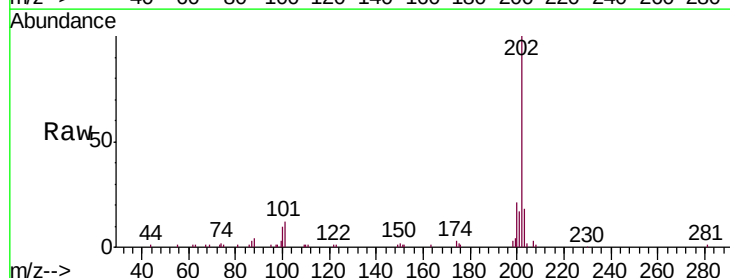


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

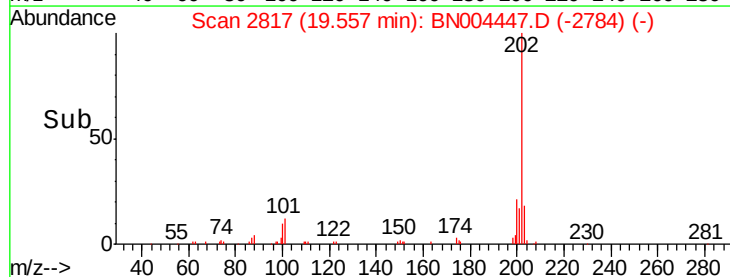
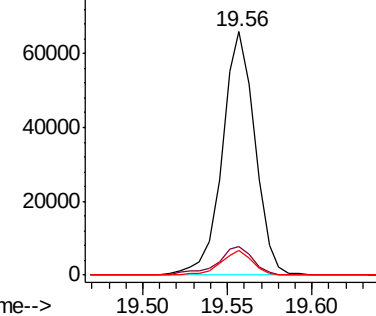


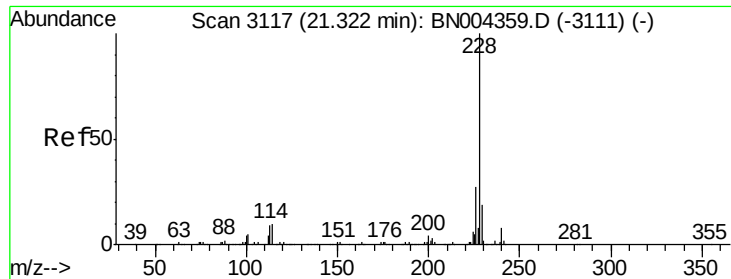
#80
Pyrene
Concen: 5.078 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BN004447.D
Acq: 18 Feb 2019 17:40

Tgt Ion:	202	Resp:	89118
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.2	13.8
100	10.0	7.5	11.3



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





#83

Benzo(a)anthracene

Concen: 3.596 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BN004447.D

Acq: 18 Feb 2019 17:40

Instrument :

BNA_N

ClientSampleId :

CB572

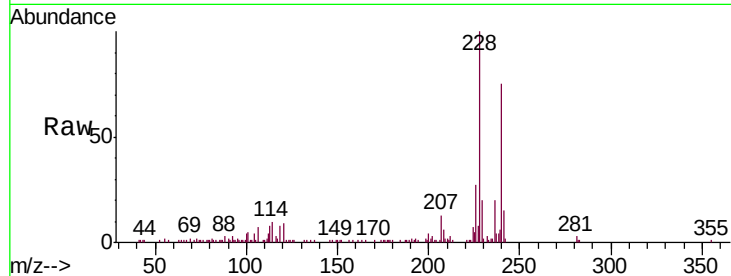
Tgt Ion:228 Resp: 70348

Ion Ratio Lower Upper

228 100

229 19.9 15.4 23.2

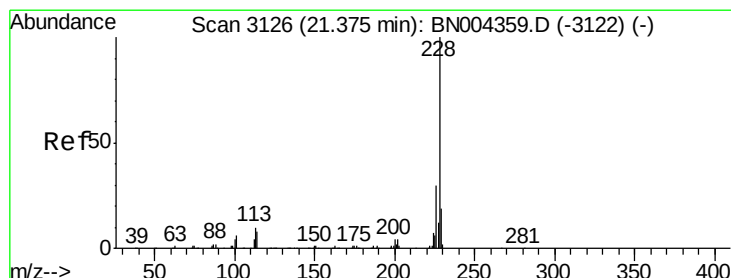
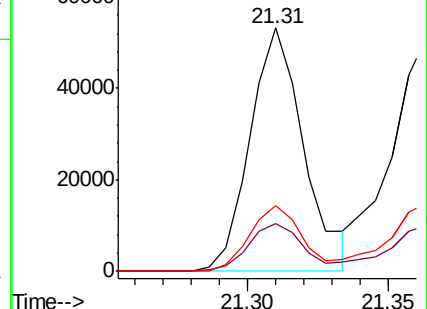
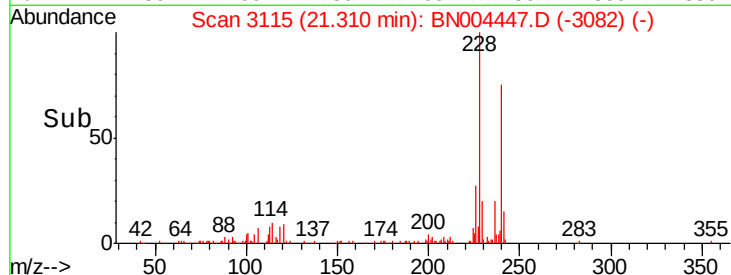
226 27.0 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 3.894 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BN004447.D

Acq: 18 Feb 2019 17:40

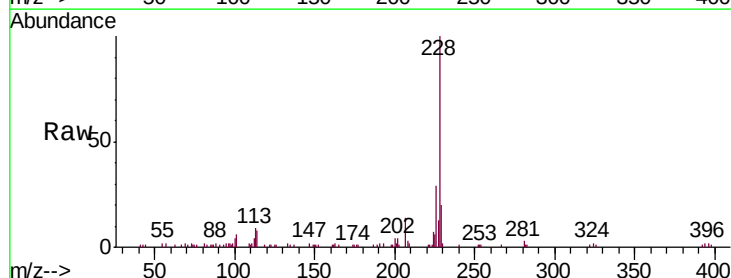
Tgt Ion:228 Resp: 72308

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

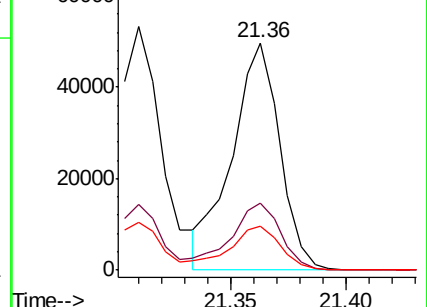
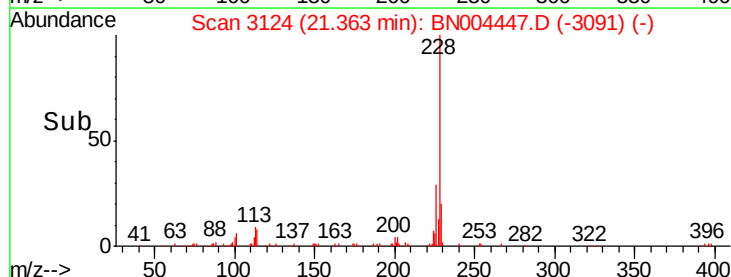
229 19.6 15.7 23.5

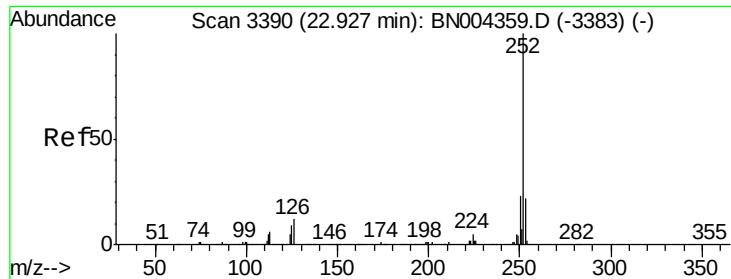


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.063 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. 0.00 min

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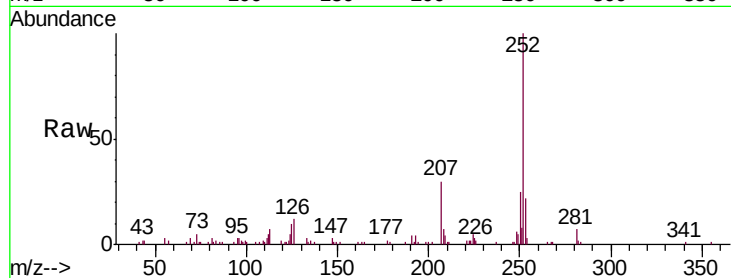
Tgt Ion:252 Resp: 92195

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

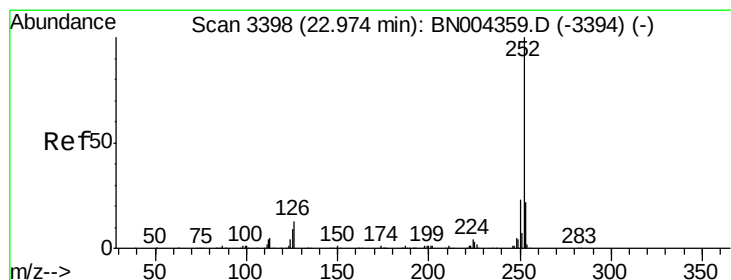
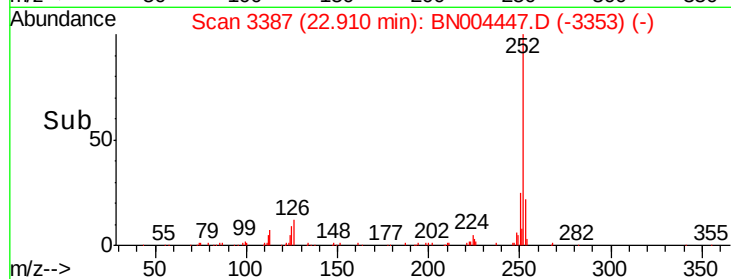
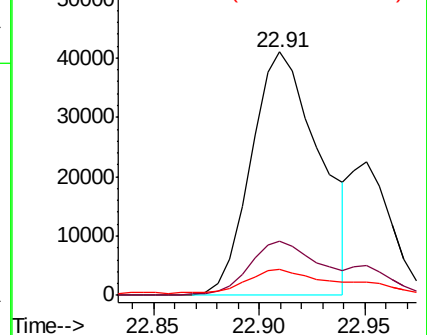
125 10.4 7.4 11.2



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: 1.358 ng/ul

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BN004447.D

Acq: 18 Feb 2019 17:40

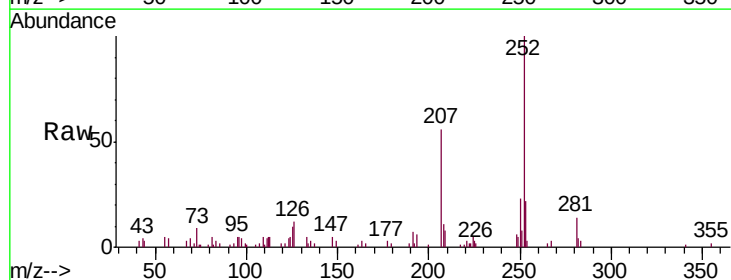
Tgt Ion:252 Resp: 29957

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 10.1 7.4 11.0



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

