

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
 Data File : BN004438.D
 Acq On : 18 Feb 2019 12:25
 Operator : JU/SJ
 Sample : K1492-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5B1

Manual Integrations
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Quant Time: Feb 19 06:40:37 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	37972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	175868	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	128388	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	350322	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	462819	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	537634	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	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Ovalue	
70) Phenanthrene	17.17	178	65062	3.347	ng/ul	99
77) Fluoranthene	19.19	202	166173	6.945	ng/ul	99
80) Pyrene	19.56	202	101518	3.966	ng/ul	99
83) Benzo(a)anthracene	21.32	228	89786	3.148	ng/ul	99
85) Chrysene	21.37	228	102932	3.801	ng/ul	99
88) Benzo(b)fluoranthene	22.92	252	118106	3.709	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	37514m	1.212	ng/ul	

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

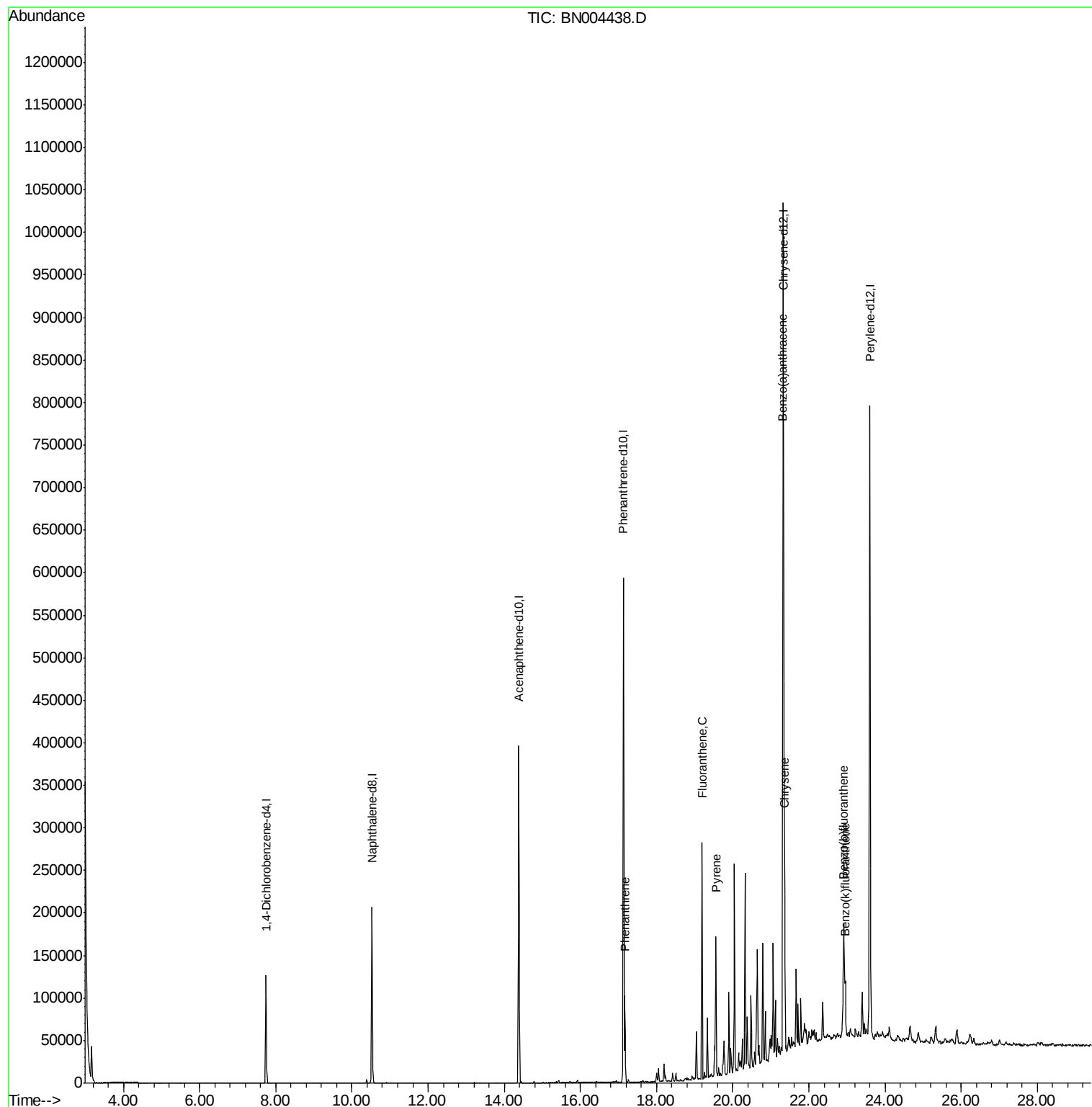
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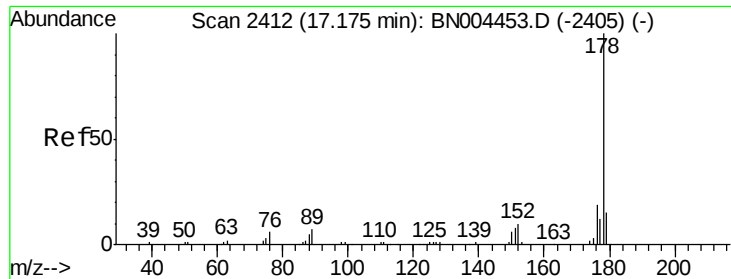
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#70

Phenanthrene

Concen: 3.347 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BN004438.D

Acq: 18 Feb 2019 12:25

Instrument :

BNA_N

ClientSampled :

CB5B1

Tot Ion:178 Resp: 65062

Ion Ratio Lower Upper

178 100

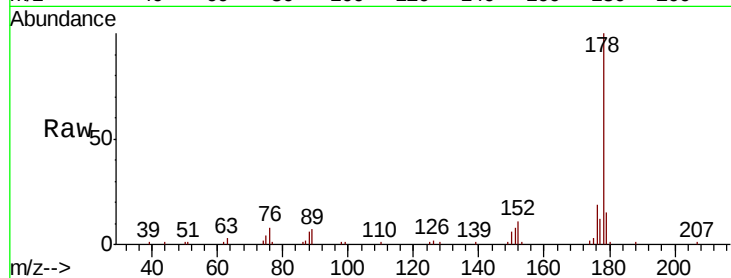
179 15.3 12.3 18.5

176 18.7 15.4 23.0

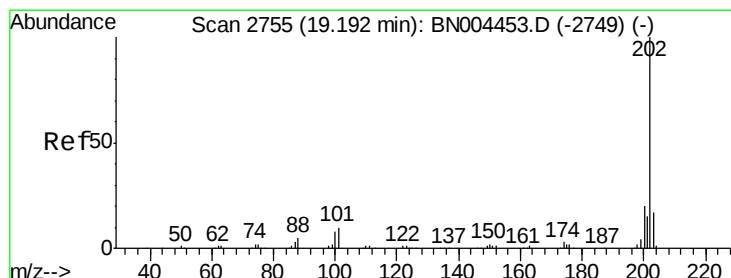
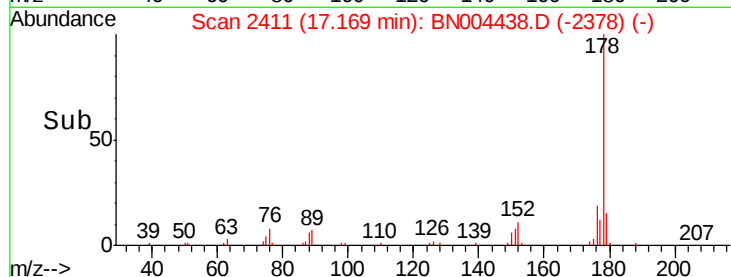
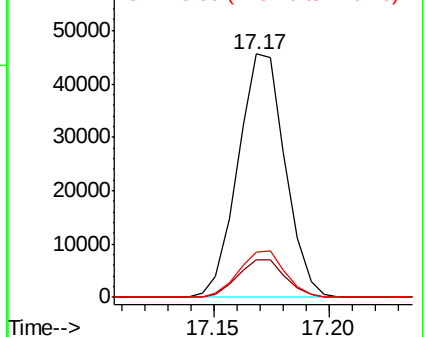
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 6.945 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BN004438.D

Acq: 18 Feb 2019 12:25

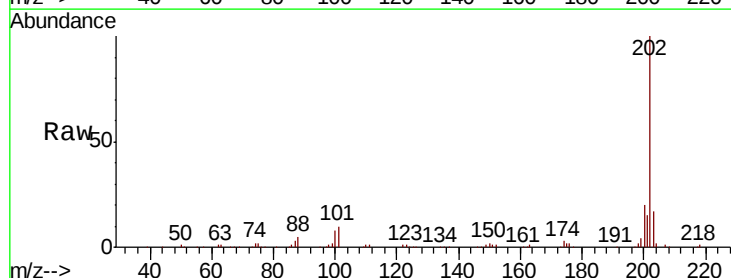
Tgt Ion:202 Resp: 166173

Ion Ratio Lower Upper

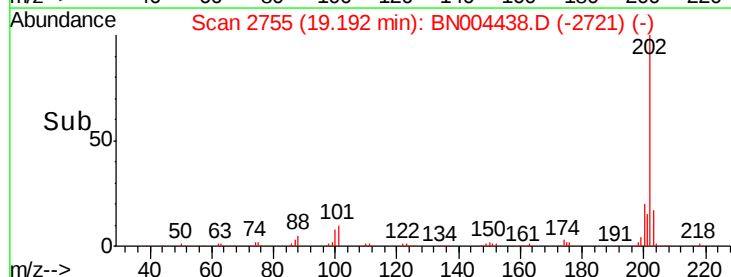
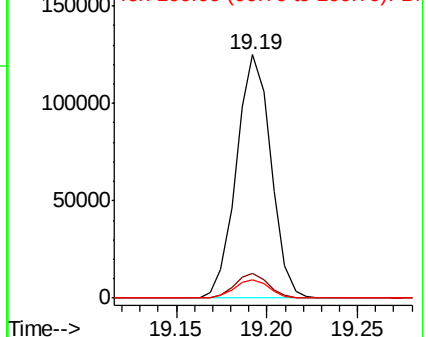
202 100

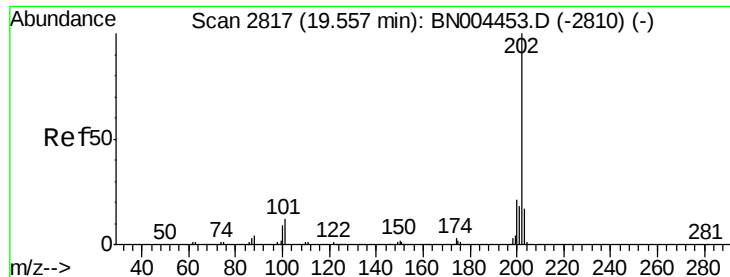
101 10.1 8.2 12.4

100 7.8 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





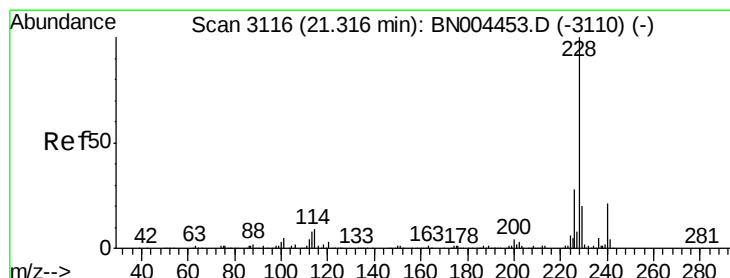
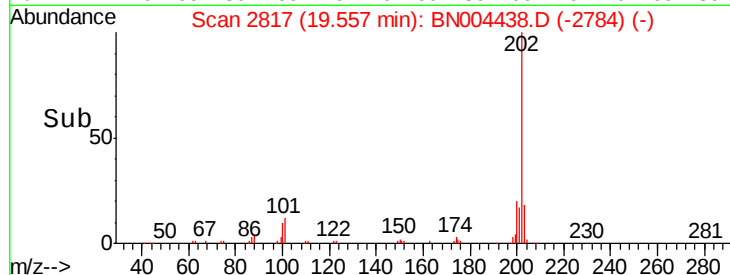
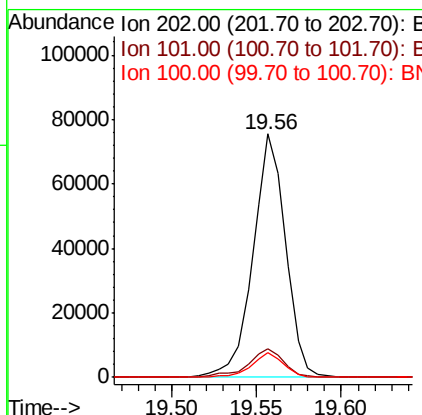
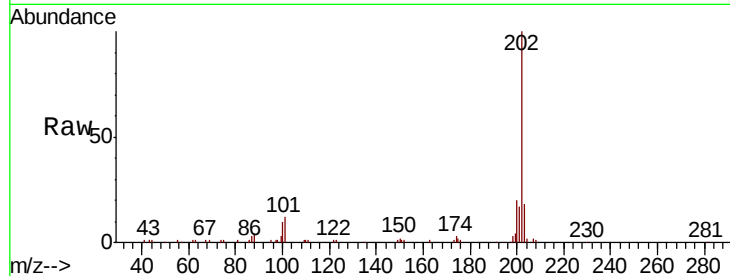
#80
Pvrene
Concen: 3.966 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BN004438.D
Acq: 18 Feb 2019 12:25

Instrument :
BNA_N
ClientSampled :
CB5B1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	9.2	13.8
100	9.9	7.5	11.3

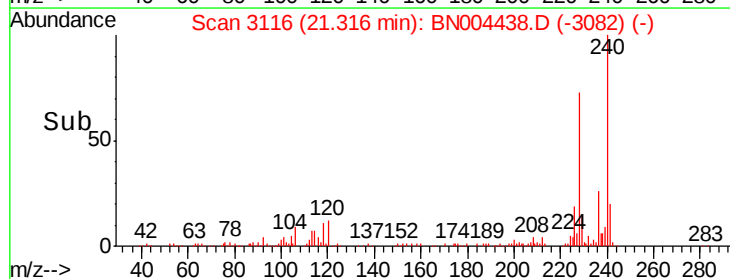
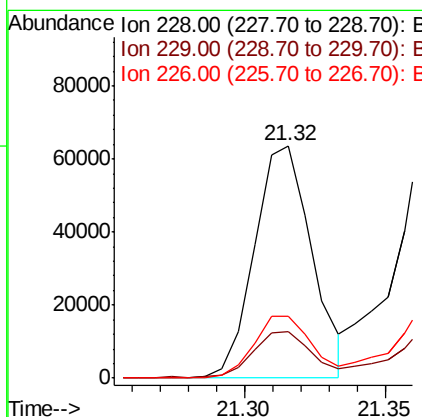
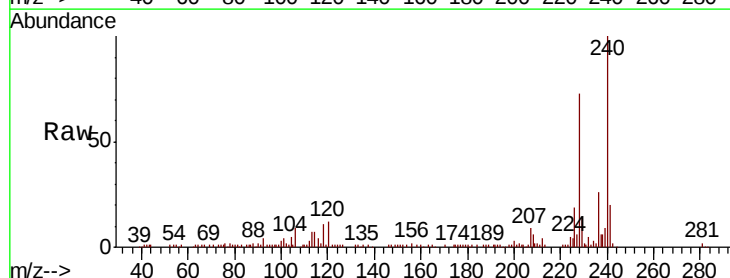
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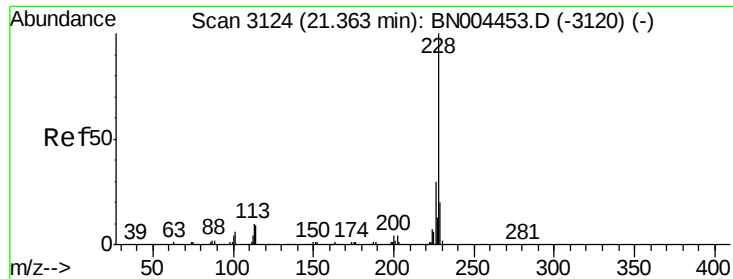
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#83
Benzo(a)anthracene
Concen: 3.148 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BN004438.D
Acq: 18 Feb 2019 12:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.9	15.4	23.2
226	26.8	21.4	32.2





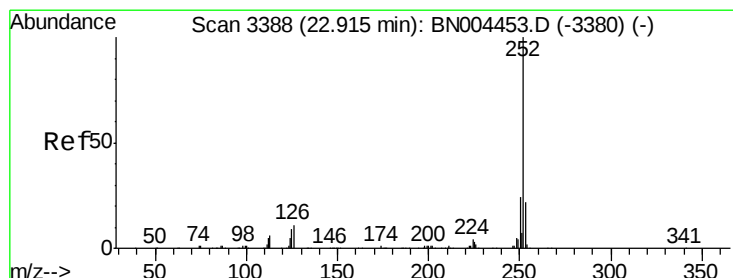
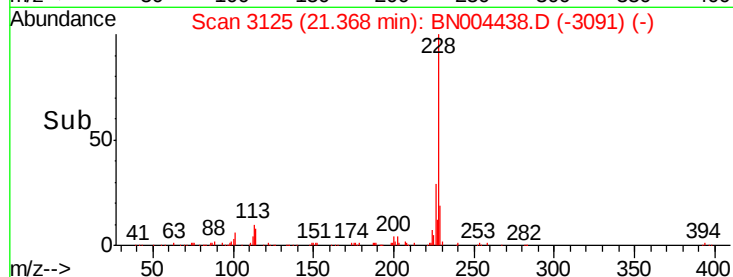
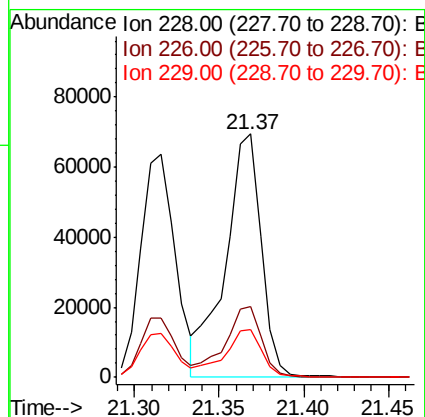
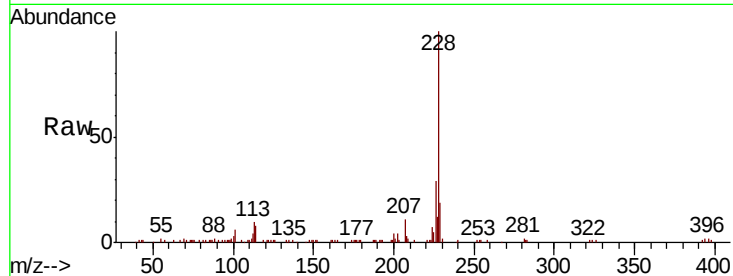
#85
 Chrysene
 Concen: 3.801 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BN004438.D
 Acq: 18 Feb 2019 12:25

Instrument :
 BNA_N
 ClientSampleId :
 CB5B1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	19.5	15.7	23.5

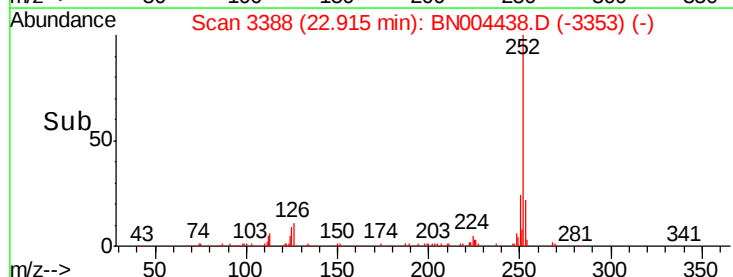
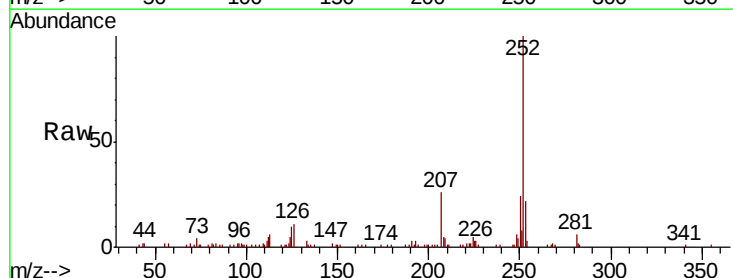
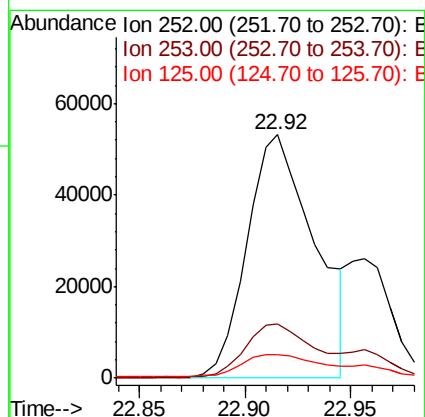
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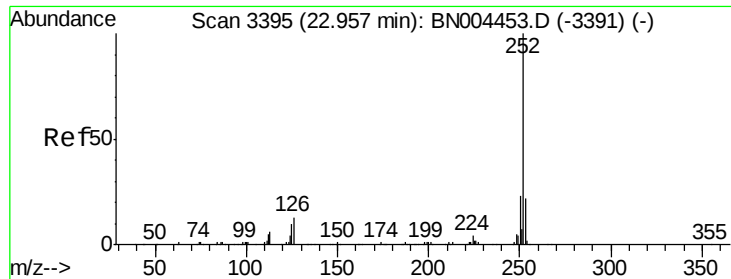
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#88
 Benzo(b)fluoranthene
 Concen: 3.709 ng/ul
 RT: 22.92 min Scan# 3388
 Delta R.T. 0.01 min
 Lab File: BN004438.D
 Acq: 18 Feb 2019 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.9	7.4	11.2





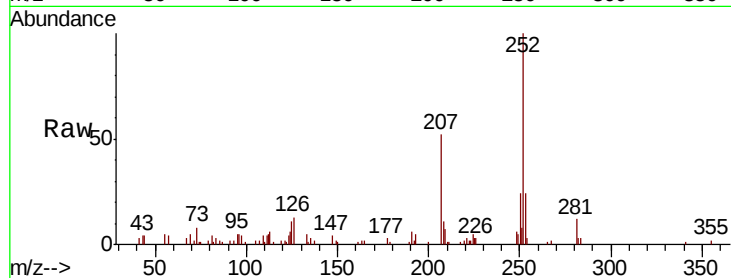
#89
 Benzo(k)fluoranthene
 Concen: 1.212 ng/ul m
 RT: 22.96 min Scan# 3395
 Delta R.T. -0.00 min
 Lab File: BN004438.D
 Acq: 18 Feb 2019 12:25

Instrument :
 BNA_N
 ClientSampleId :
 CB5B1

Tot Ion:	252	Resp:	37514
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.2
125	11.1	7.4	11.0#

Manual Integrations
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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

