

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
 Data File : BN004442.D
 Acq On : 18 Feb 2019 14:46
 Operator : JU/SJ
 Sample : K1492-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB5B5

Manual Integrations
 APPROVED

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2/19/2019 3:55:58 PM

Quant Time: Feb 19 07:10:21 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	22698	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	110390	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	83658	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	236321	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	324467	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	381597	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	61969	4.726	ng/ul	100
77) Fluoranthene	19.19	202	131778	8.164	ng/ul	99
80) Pyrene	19.56	202	94369	5.259	ng/ul	98
83) Benzo(a)anthracene	21.32	228	66712	3.336	ng/ul	99
85) Chrysene	21.36	228	71049	3.743	ng/ul	99
88) Benzo(b)fluoranthene	22.92	252	91528	4.050	ng/ul	97
89) Benzo(k)fluoranthene	22.96	252	28577m	1.301	ng/ul	

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

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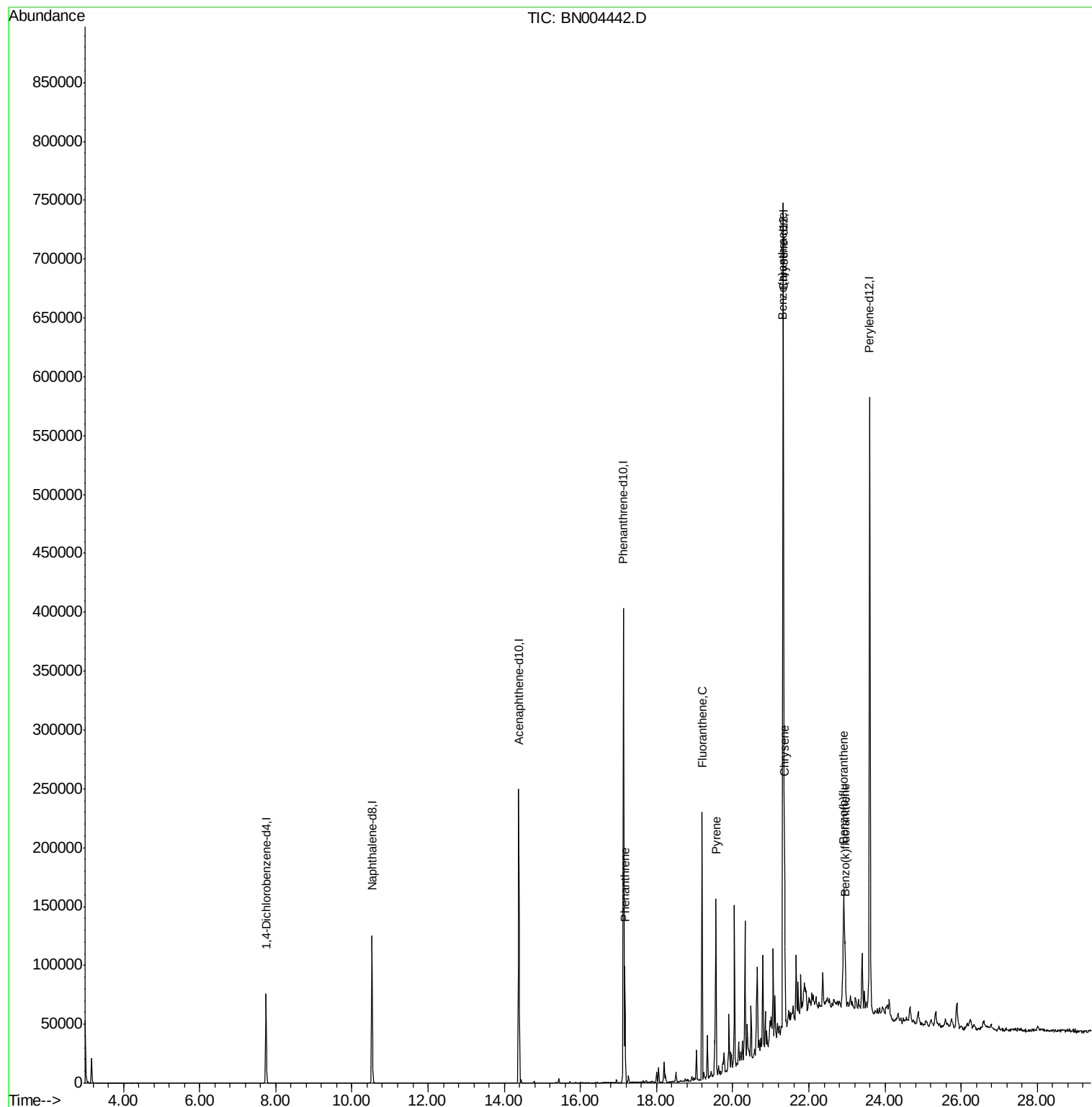
Instrument :
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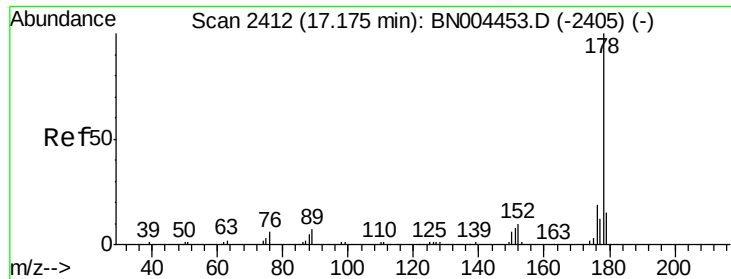
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#70
Phenanthrene
Concen: 4.726 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BN004442.D
Acq: 18 Feb 2019 14:46

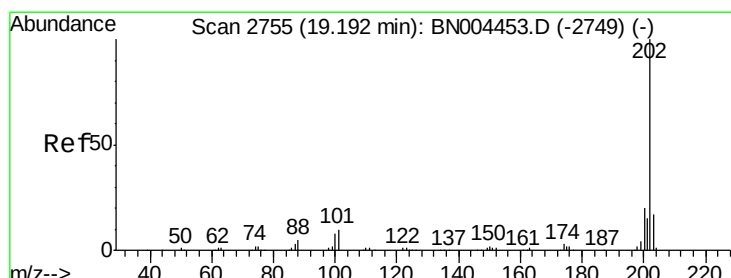
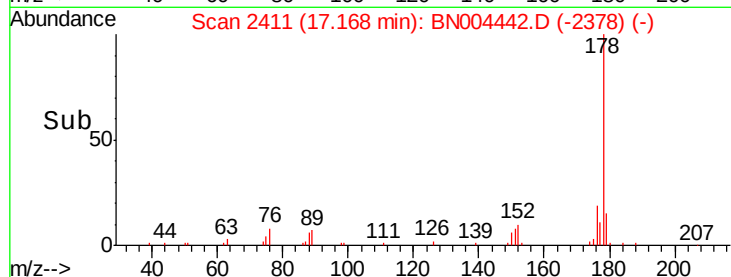
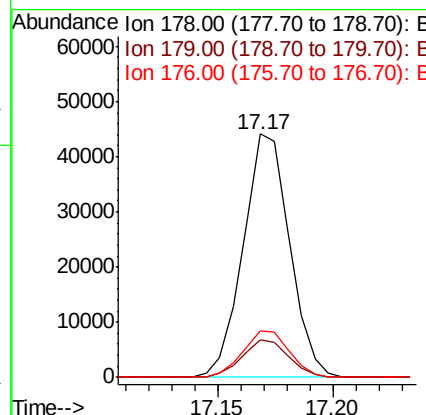
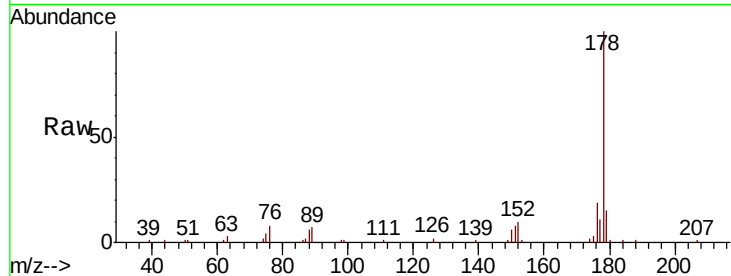
Instrument :
BNA_N
ClientSampleId :
CB5B5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.0	15.4	23.0

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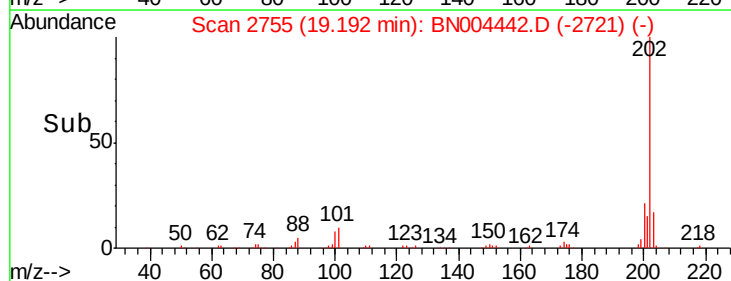
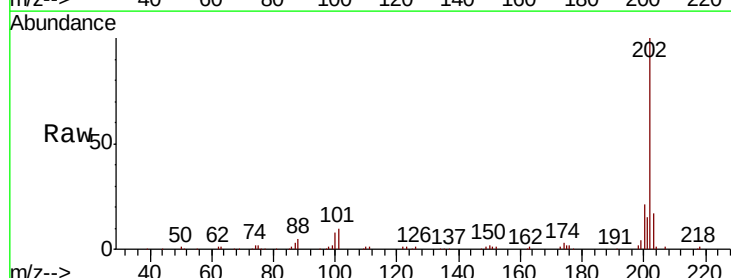
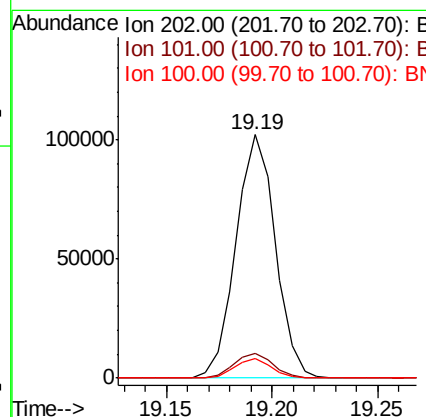
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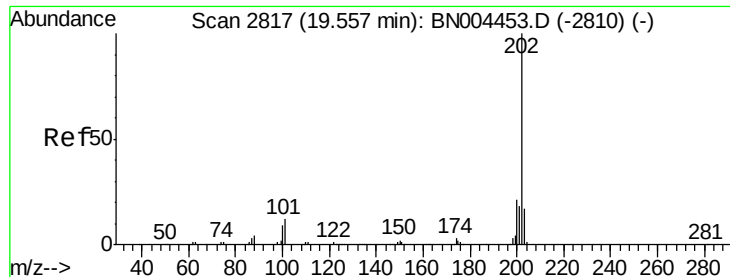
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#77
Fluoranthene
Concen: 8.164 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BN004442.D
Acq: 18 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.4
100	7.8	6.6	9.8





#80
Pvrene
Concen: 5.259 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BN004442.D
Acq: 18 Feb 2019 14:46

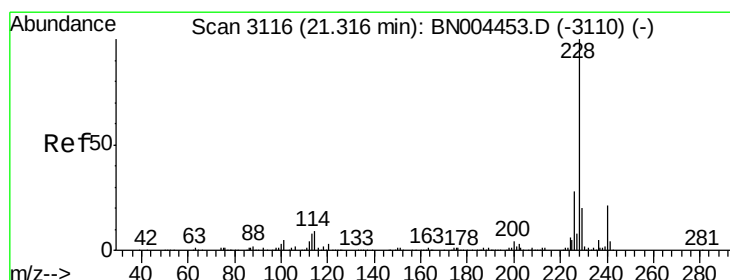
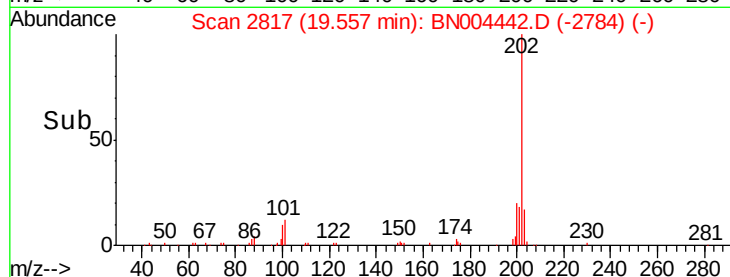
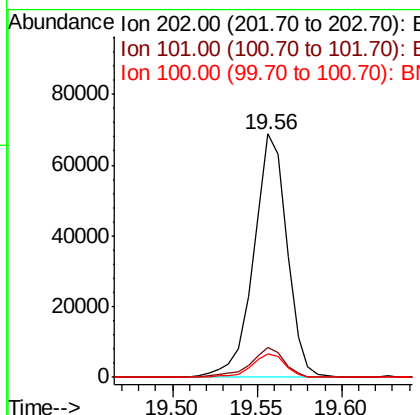
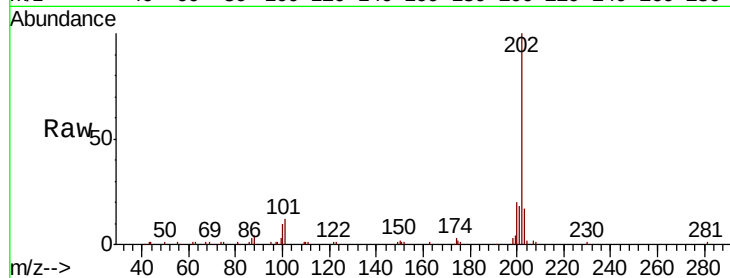
Instrument :
BNA_N
ClientSampleId :
CB5B5

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.2	13.8
100	9.9	7.5	11.3

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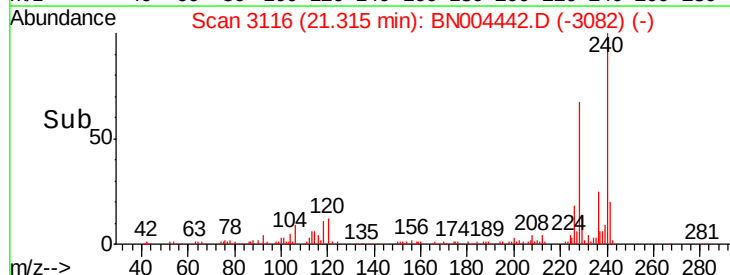
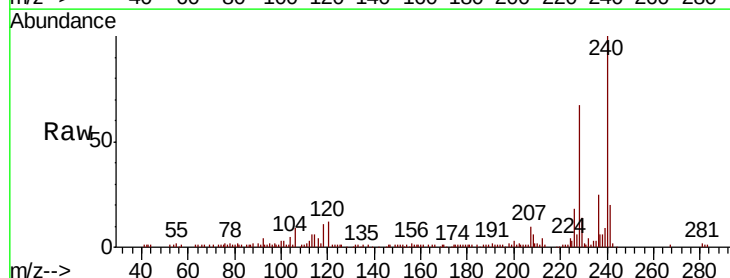
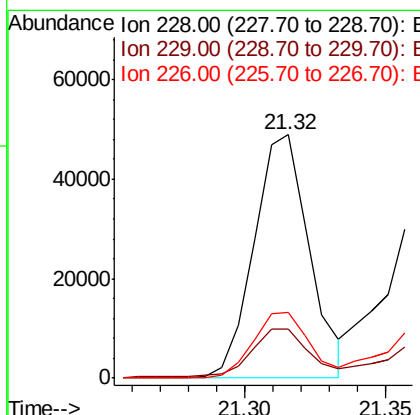
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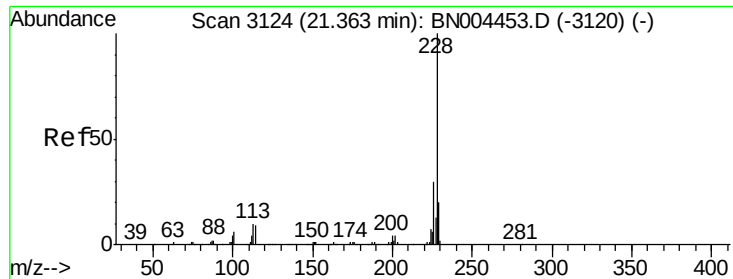
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#83
Benzo(a)anthracene
Concen: 3.336 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BN004442.D
Acq: 18 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.2
226	26.7	21.4	32.2





#85

Chrysene

Concen: 3.743 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BN004442.D

Acq: 18 Feb 2019 14:46

Instrument :

BNA_N

ClientSampleId :

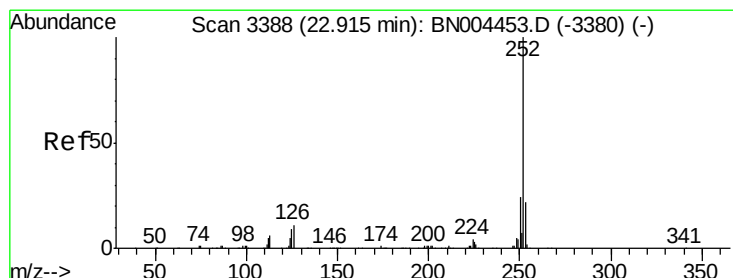
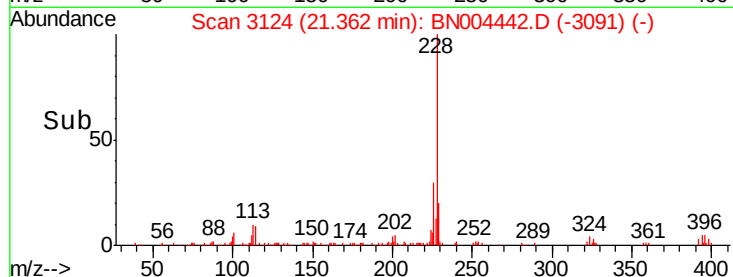
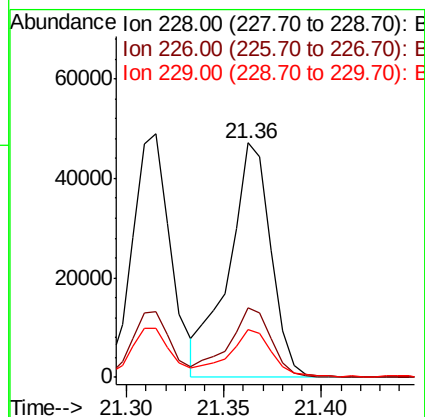
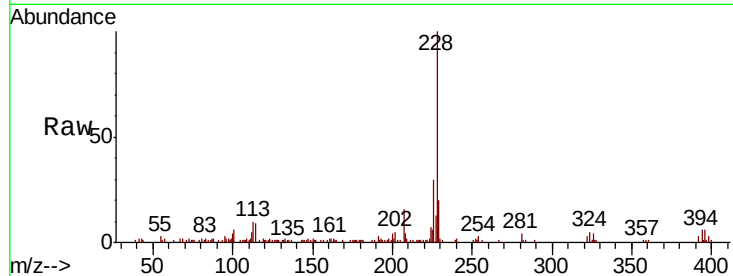
CB5B5

Tot Ion:	228	Resp:	71049
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.0	36.0
229	20.4	15.7	23.5

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#88

Benzo(b)fluoranthene

Concen: 4.050 ng/ul

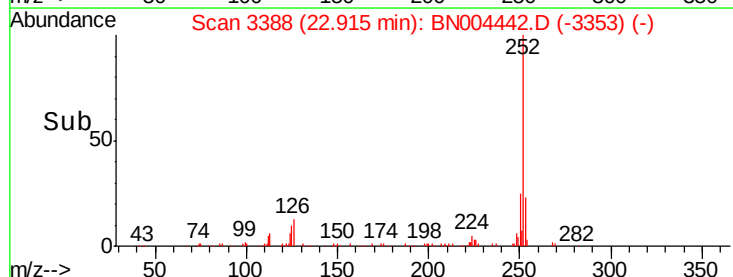
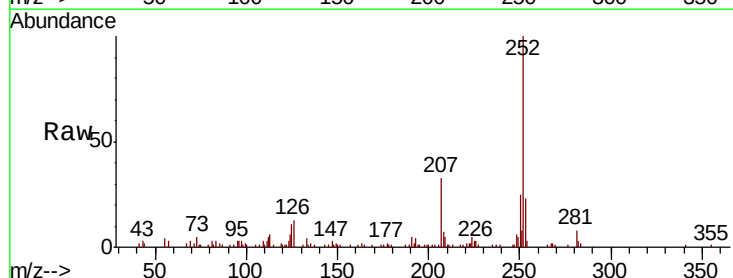
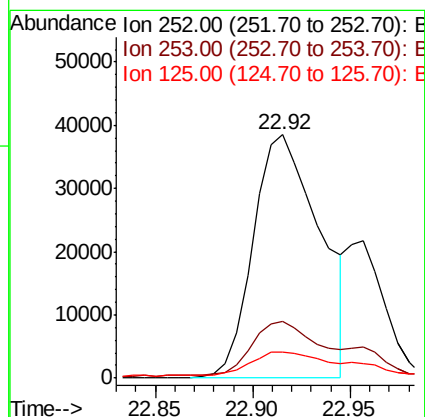
RT: 22.92 min Scan# 3388

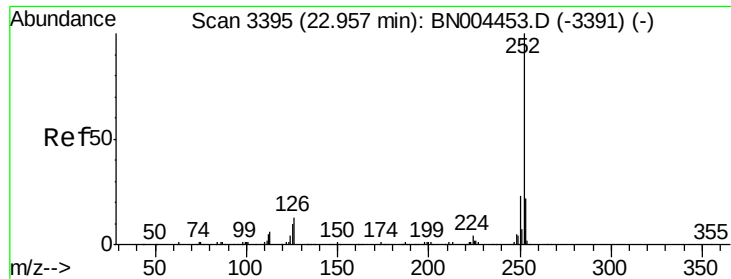
Delta R.T. 0.01 min

Lab File: BN004442.D

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Tgt Ion:	252	Resp:	91528
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.7	26.5
125	10.9	7.4	11.2





#89
 Benzo(k)fluoranthene
 Concen: 1.301 ng/ul m
 RT: 22.96 min Scan# 3395
 Delta R.T. -0.00 min
 Lab File: BN004442.D
 Acq: 18 Feb 2019 14:46

Instrument :
 BNA_N
 ClientSampleId :
 CB5B5

Tot Ion:	252	Resp:	28577
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	10.3	7.4	11.0

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