

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021819\
 Data File : BN004449.D
 Acq On : 18 Feb 2019 18:50
 Operator : JU/SJ
 Sample : K1491-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB578

Quant Time: Feb 19 07:33:15 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	22317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	114379	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	87088	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	235763	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	322419	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	388532	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

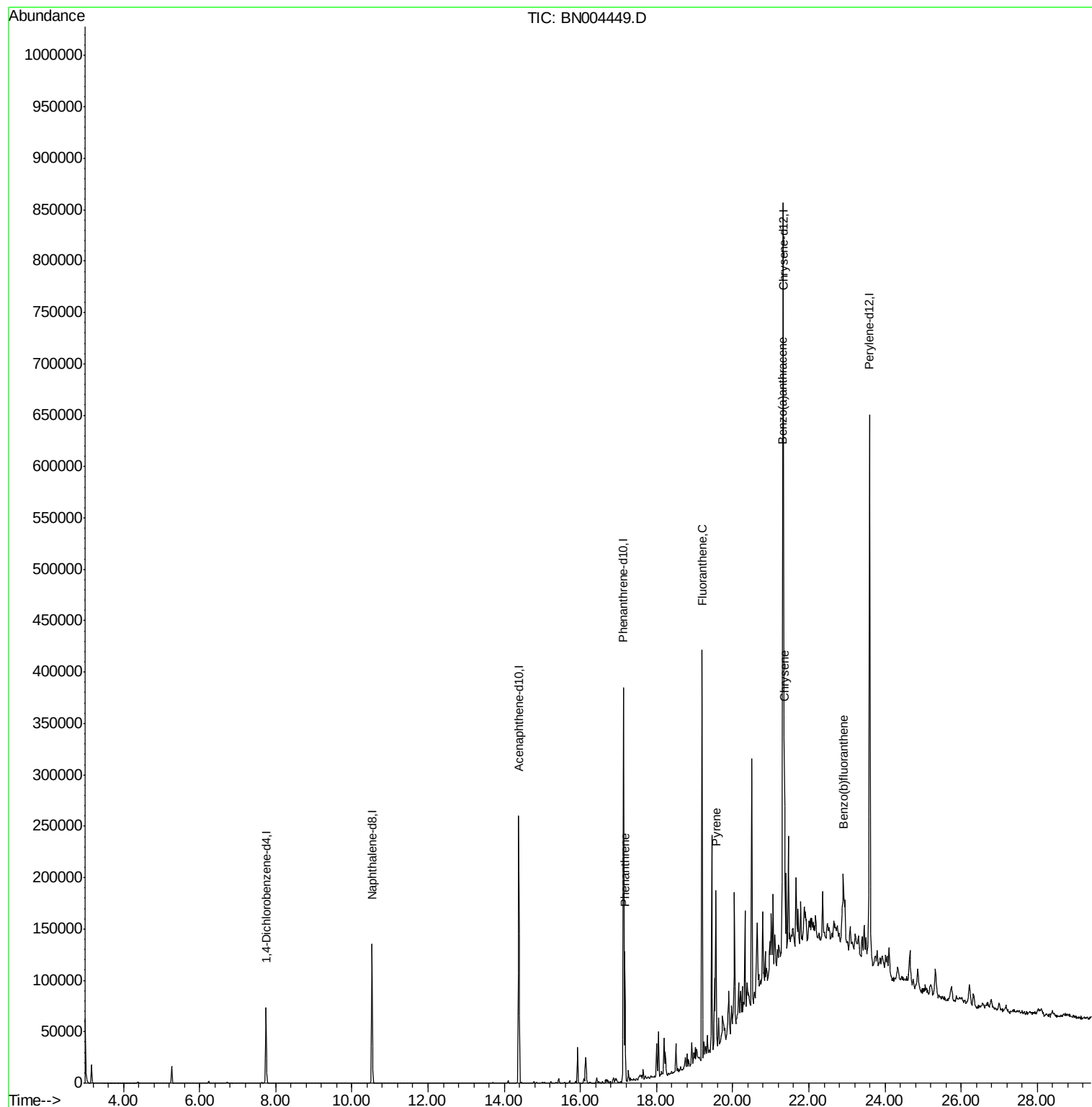
					Ovalue	
70) Phenanthrene	17.17	178	78242	5.981	ng/ul	100
77) Fluoranthene	19.19	202	230720	14.327	ng/ul	98
80) Pyrene	19.56	202	89225	5.004	ng/ul	99
83) Benzo(a)anthracene	21.31	228	94270	4.744	ng/ul	99
85) Chrysene	21.36	228	97273	5.157	ng/ul	99
88) Benzo(b)fluoranthene	22.91	252	54632	2.374	ng/ul#	90

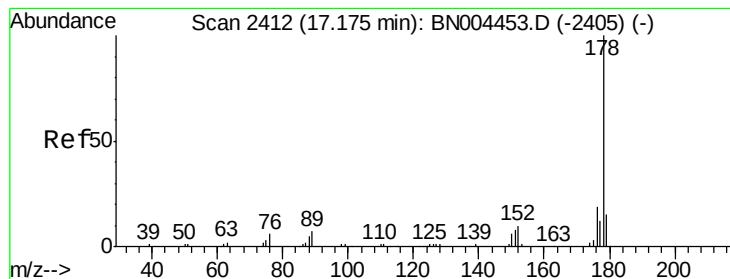
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 5.981 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BN004449.D

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CB578

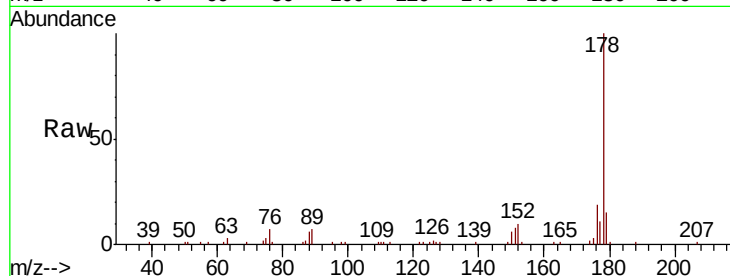
Tot Ion:178 Resp: 78242

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

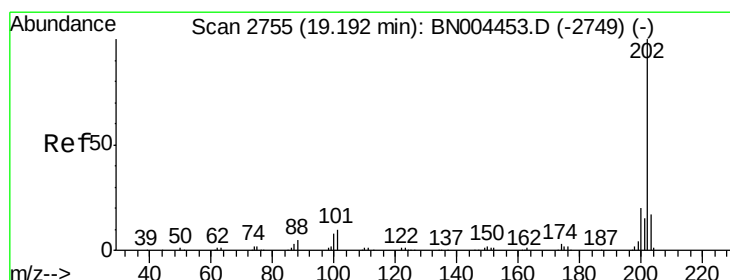
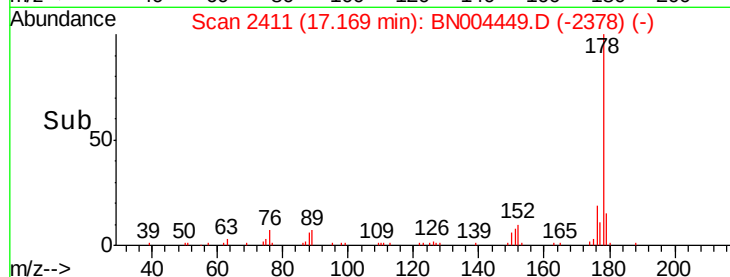
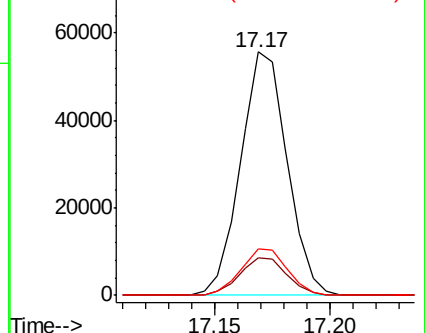
176 19.3 15.4 23.0



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: 14.327 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BN004449.D

Acq: 18 Feb 2019 18:50

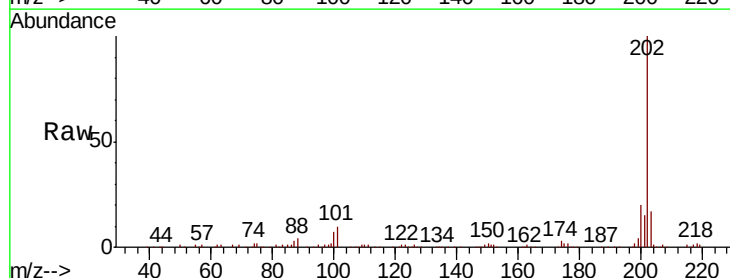
Tgt Ion:202 Resp: 230720

Ion Ratio Lower Upper

202 100

101 9.7 8.2 12.4

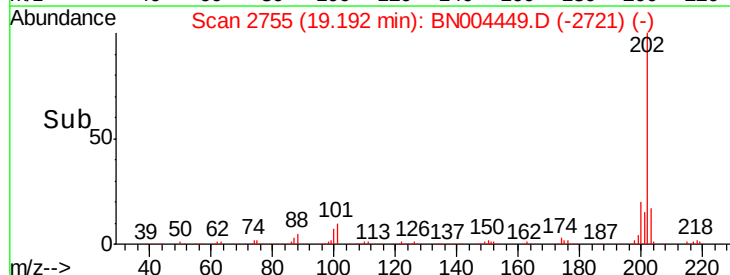
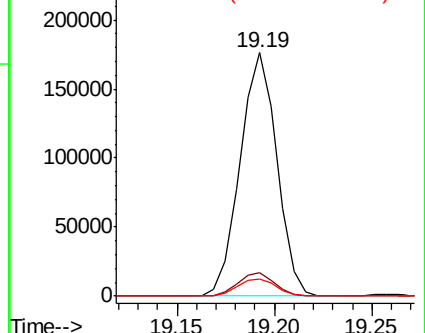
100 7.1 6.6 9.8

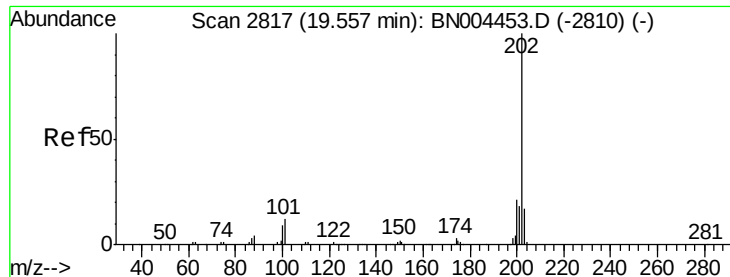


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

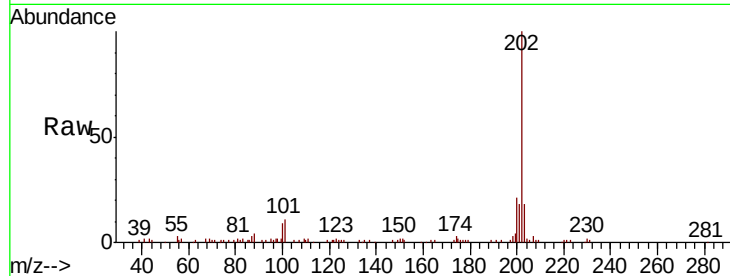




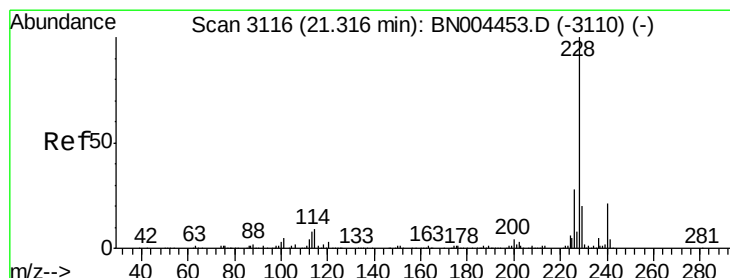
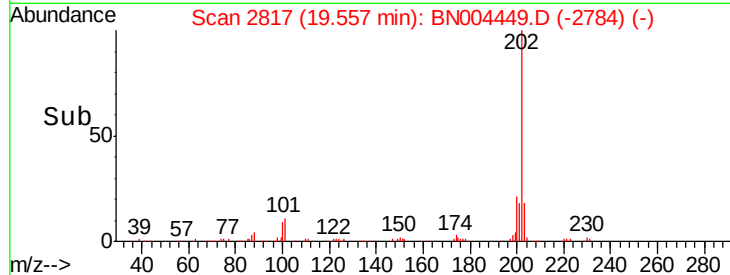
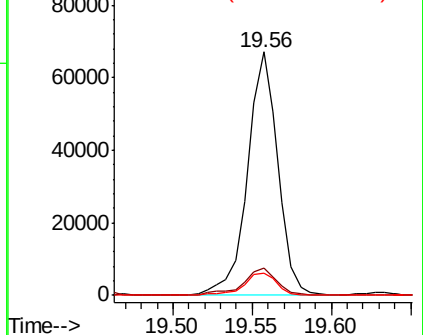
#80
Pvrene
Concen: 5.004 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BN004449.D
Acq: 18 Feb 2019 18:50

Instrument :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.2	13.8
100	9.2	7.5	11.3

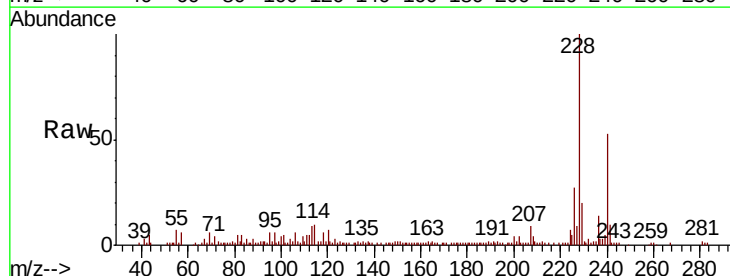


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

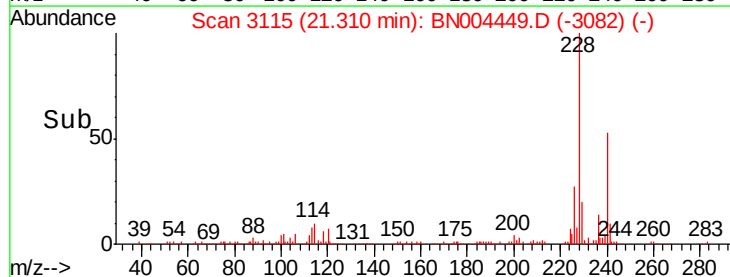
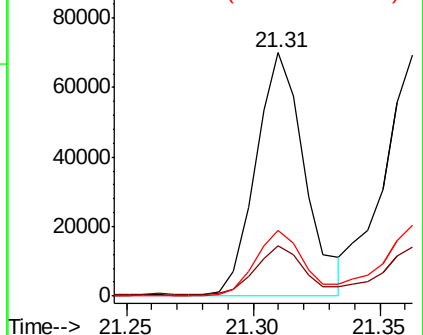


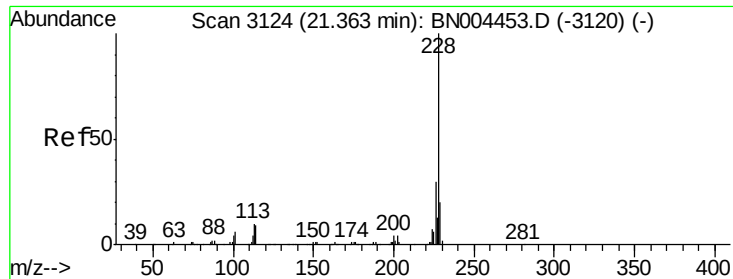
#83
Benzo(a)anthracene
Concen: 4.744 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BN004449.D
Acq: 18 Feb 2019 18:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.2
226	27.1	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

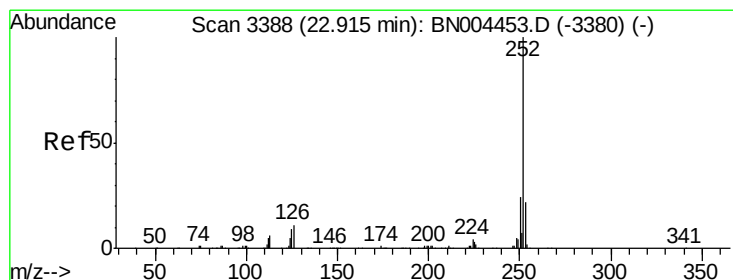
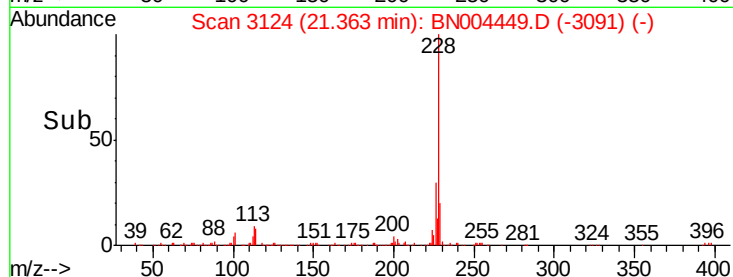
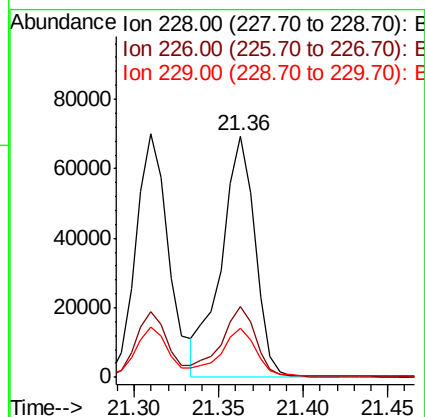
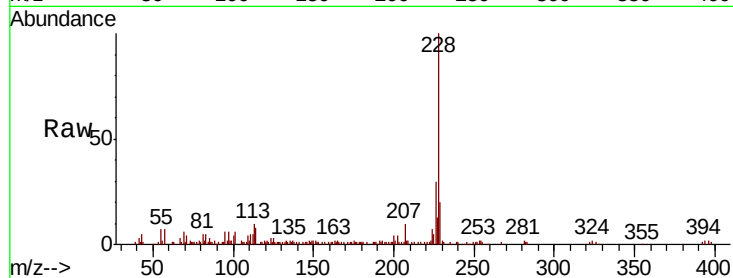




#85
Chrysene
Concen: 5.157 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BN004449.D
Acq: 18 Feb 2019 18:50

Instrument :
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CB578

Tot Ion:228 Resp: 97273
Ion Ratio Lower Upper
228 100
226 29.6 24.0 36.0
229 20.5 15.7 23.5



#88
Benzo(b)fluoranthene
Concen: 2.374 ng/ul
RT: 22.91 min Scan# 3387
Delta R.T. 0.00 min
Lab File: BN004449.D
Acq: 18 Feb 2019 18:50

Tgt Ion:252 Resp: 54632
Ion Ratio Lower Upper
252 100
253 25.5 17.7 26.5
125 15.6 7.4 11.2#

