

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009574.D
 Acq On : 04 Feb 2020 21:03
 Operator : CG/JU
 Sample : L1302-12
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 05 00:26:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	156033	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	662428	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	423917	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	892754	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	802418	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	899442	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4247	1.12	ng/uL	0.00
5) Phenol-d5	6.64	99	87876	6.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	66242	7.25	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	70360	7.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	52800	4.87	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	32878	6.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	36160	6.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	67465	6.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	76633	6.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	230795	7.46	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	260672	6.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	22537	3.86	ng/ul	0.00
57) Fluorene-d10	15.07	176	208212	7.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	19070	3.42	ng/ul	0.00
70) Anthracene-d10	16.93	188	302961	7.47	ng/ul	0.00
78) Pyrene-d10	19.23	212	378104	8.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	375586	8.48	ng/ul	0.00

Target Compounds

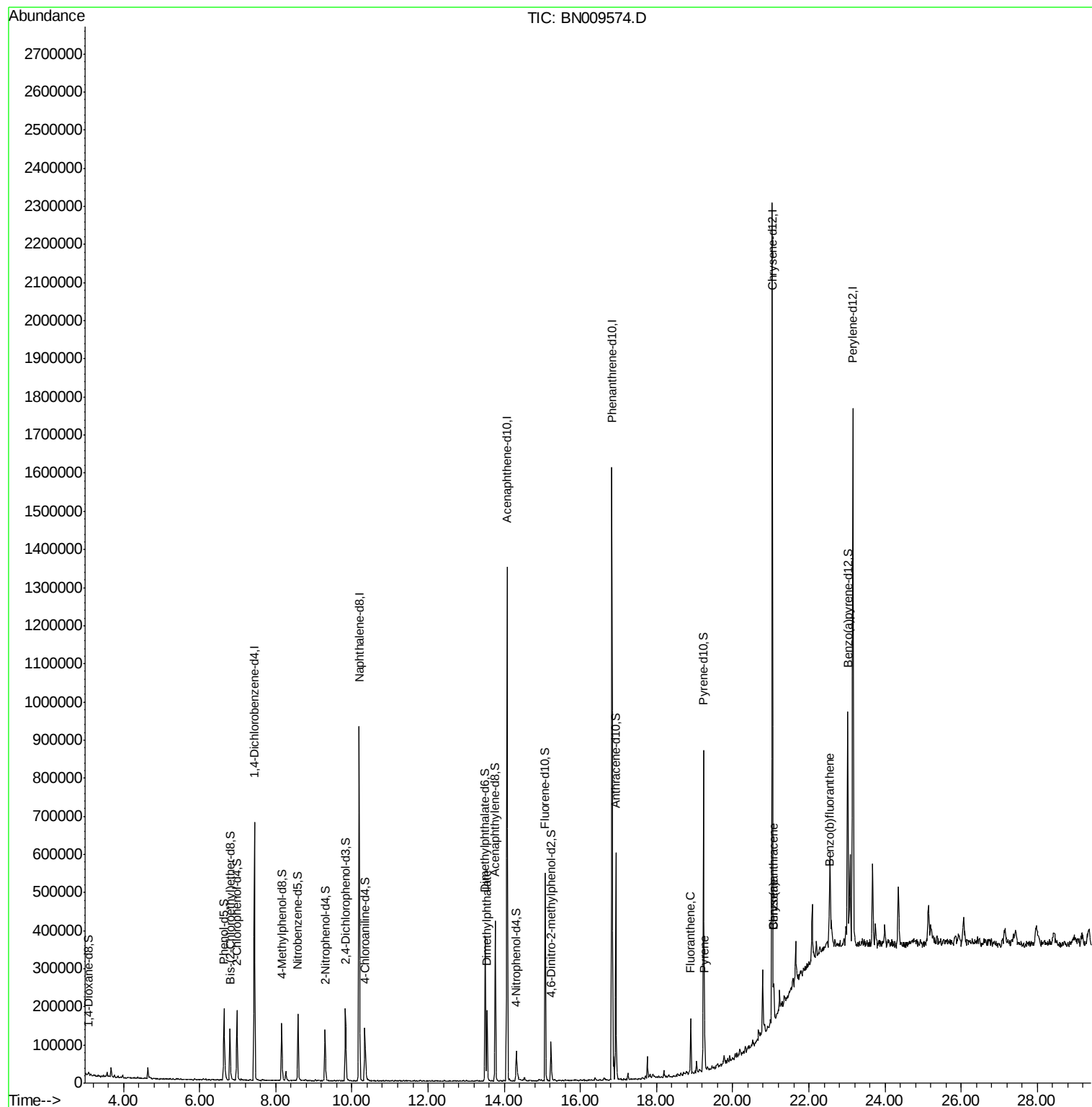
					Ovalue
44) Dimethylphthalate	13.55	163	111594	3.398 ng/ul	98
76) Fluoranthene	18.90	202	82746	1.424 ng/ul#	96
79) Pyrene	19.26	202	71783	1.225 ng/ul	98
82) Benzo(a)anthracene	21.07	228	55767	1.007 ng/ul	98
84) Chrysene	21.07	228	55767	1.011 ng/ul	96
87) Benzo(b)fluoranthene	22.53	252	66959	1.190 ng/ul#	92

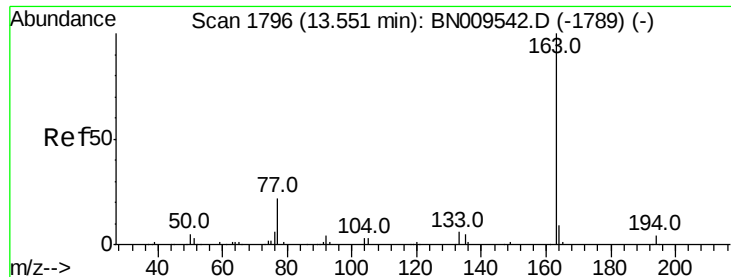
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.398 ng/ul

RT: 13.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BN009574.D

Acq: 04 Feb 2020 21:03

Instrument :

BNA_N

ClientSampled :

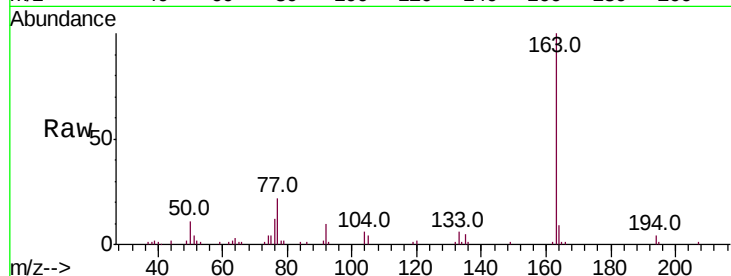
Tot Ion:163 Resp: 111594

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

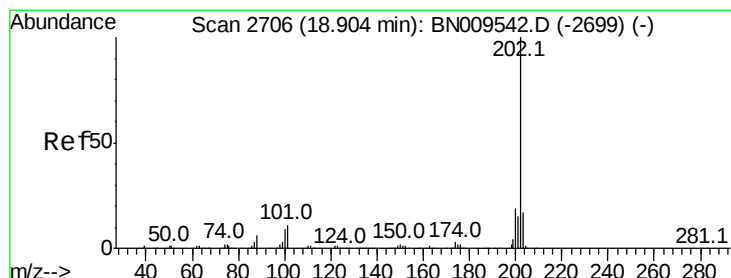
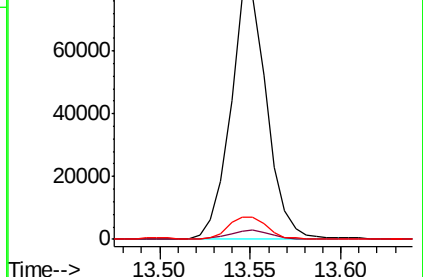
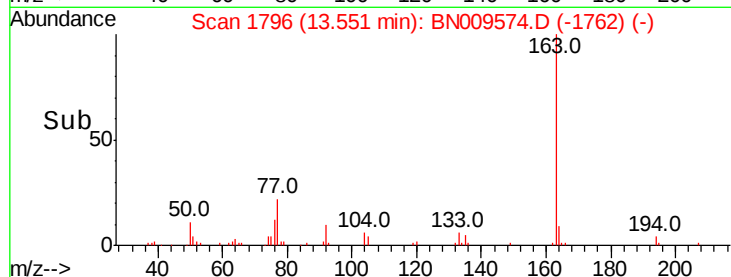
164 9.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#76

Fluoranthene

Concen: 1.424 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009574.D

Acq: 04 Feb 2020 21:03

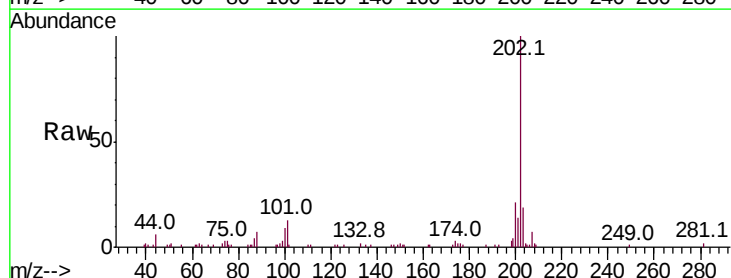
Tgt Ion:202 Resp: 82746

Ion Ratio Lower Upper

202 100

101 14.2 9.2 13.8#

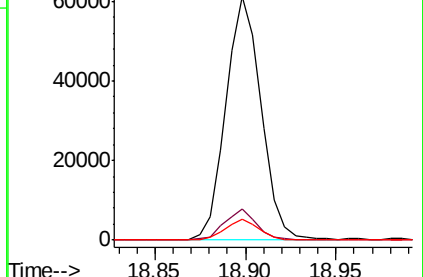
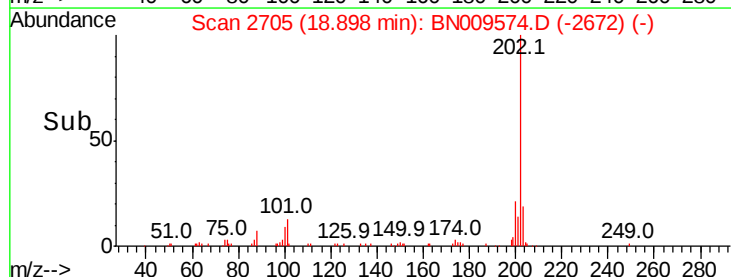
100 8.7 6.9 10.3

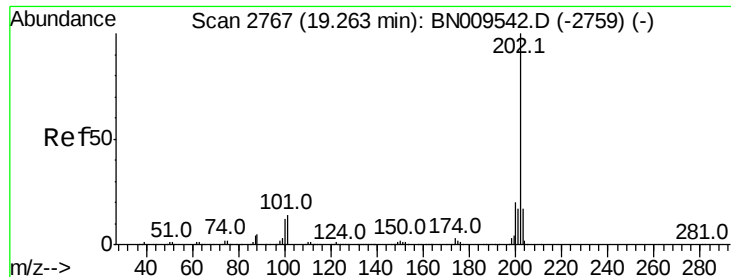


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 1.225 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009574.D

Acq: 04 Feb 2020 21:03

Instrument :

BNA_N

ClientSampleId :

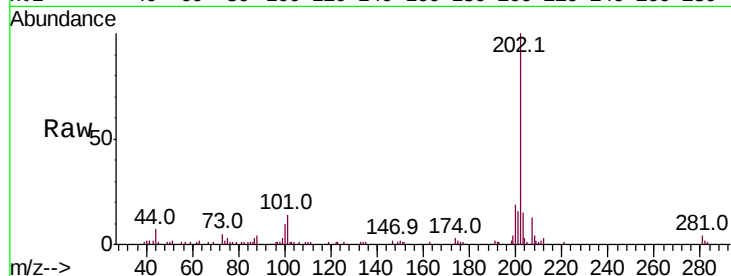
Tot Ion:202 Resp: 71783

Ion Ratio Lower Upper

202 100

101 14.1 10.3 15.5

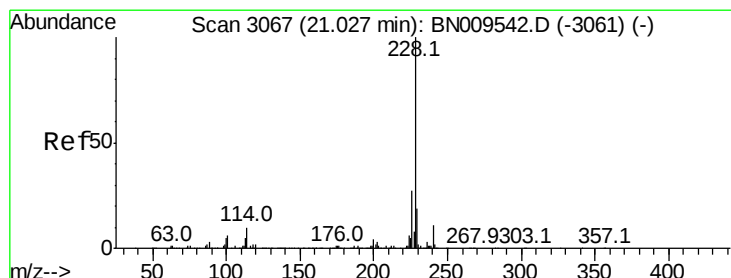
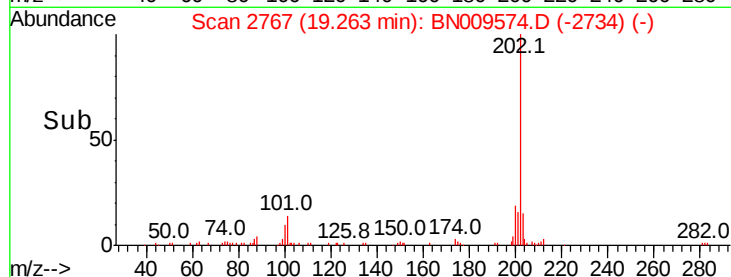
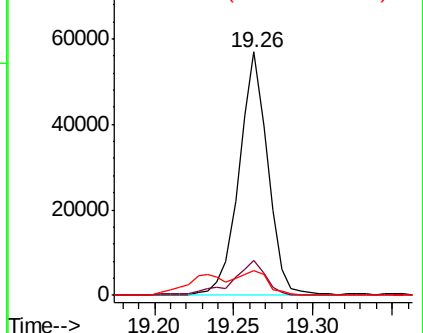
100 9.9 8.4 12.6



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



#82

Benzo(a)anthracene

Concen: 1.007 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. 0.05 min

Lab File: BN009574.D

Acq: 04 Feb 2020 21:03

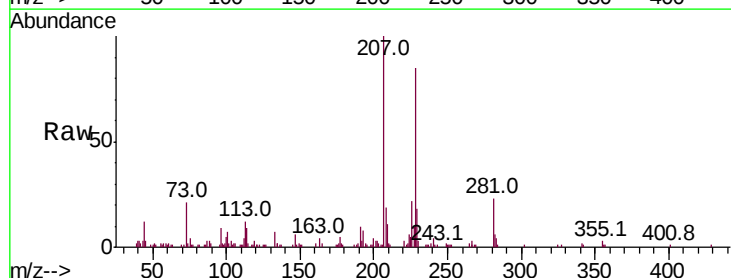
Tgt Ion:228 Resp: 55767

Ion Ratio Lower Upper

228 100

229 20.7 15.0 22.4

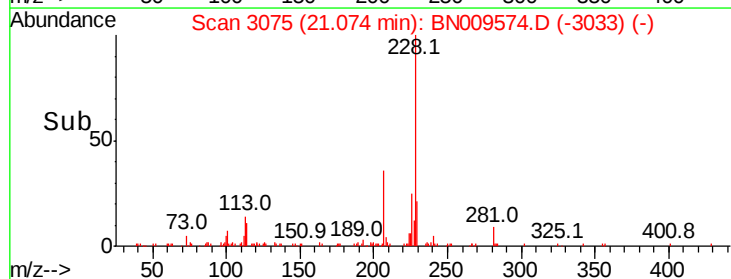
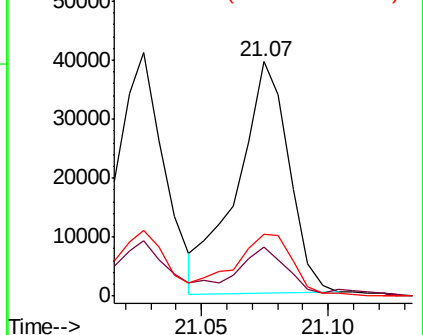
226 26.4 20.9 31.3

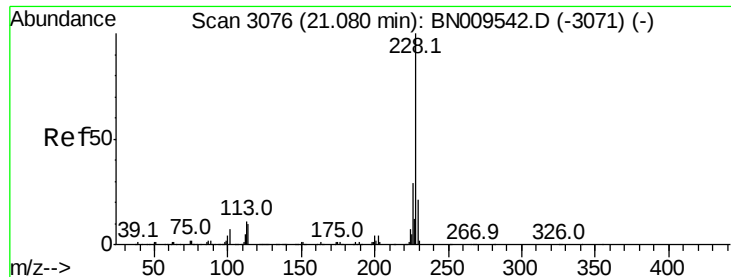


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

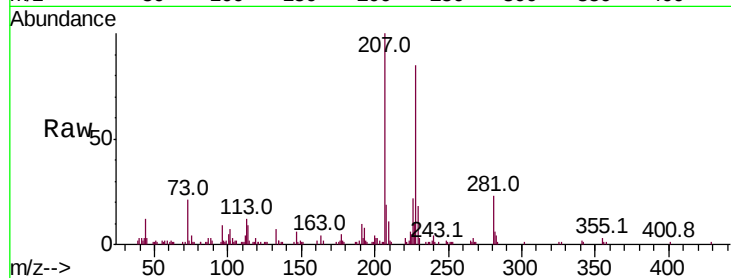




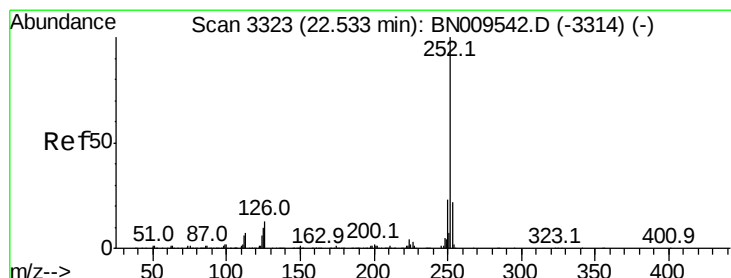
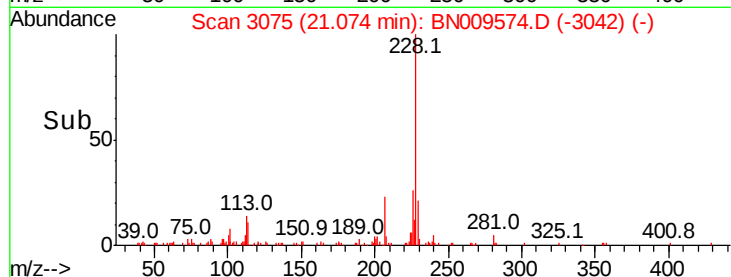
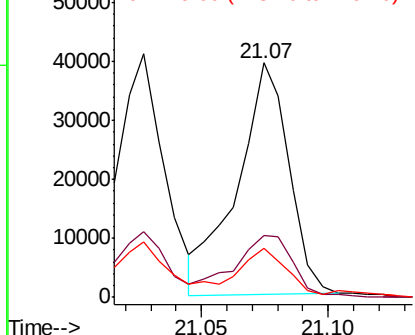
#84
Chrysene
Concen: 1.011 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009574.D
Acq: 04 Feb 2020 21:03

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.5	35.3
229	20.7	15.8	23.8

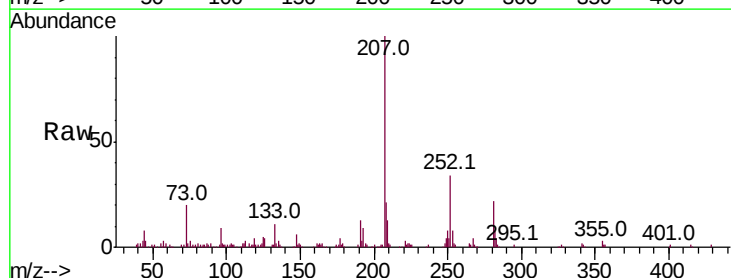


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87
Benzo(b)fluoranthene
Concen: 1.190 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. 0.00 min
Lab File: BN009574.D
Acq: 04 Feb 2020 21:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	14.0	8.2	12.2



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

