

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009579.D
 Acq On : 05 Feb 2020 00:04
 Operator : CG/JU
 Sample : L1302-19
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 05 01:18:52 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	130794	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	534385	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	333865	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	700172	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	692102	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	750164	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2227	0.70	ng/uL	0.00
5) Phenol-d5	6.64	99	44238	3.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	33078	4.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	35588	4.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	26277	2.89	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	16272	4.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	16532	3.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	31315	3.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	18761	2.10	ng/ul	0.01
43) Dimethylphthalate-d6	13.50	166	114523	4.70	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	124500	4.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	8732	1.90	ng/ul	0.02
57) Fluorene-d10	15.08	176	99503	4.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	6642	1.52	ng/ul	0.01
70) Anthracene-d10	16.93	188	153917	4.84	ng/ul	0.00
78) Pyrene-d10	19.23	212	202574	5.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	205319	5.56	ng/ul	0.00

Target Compounds

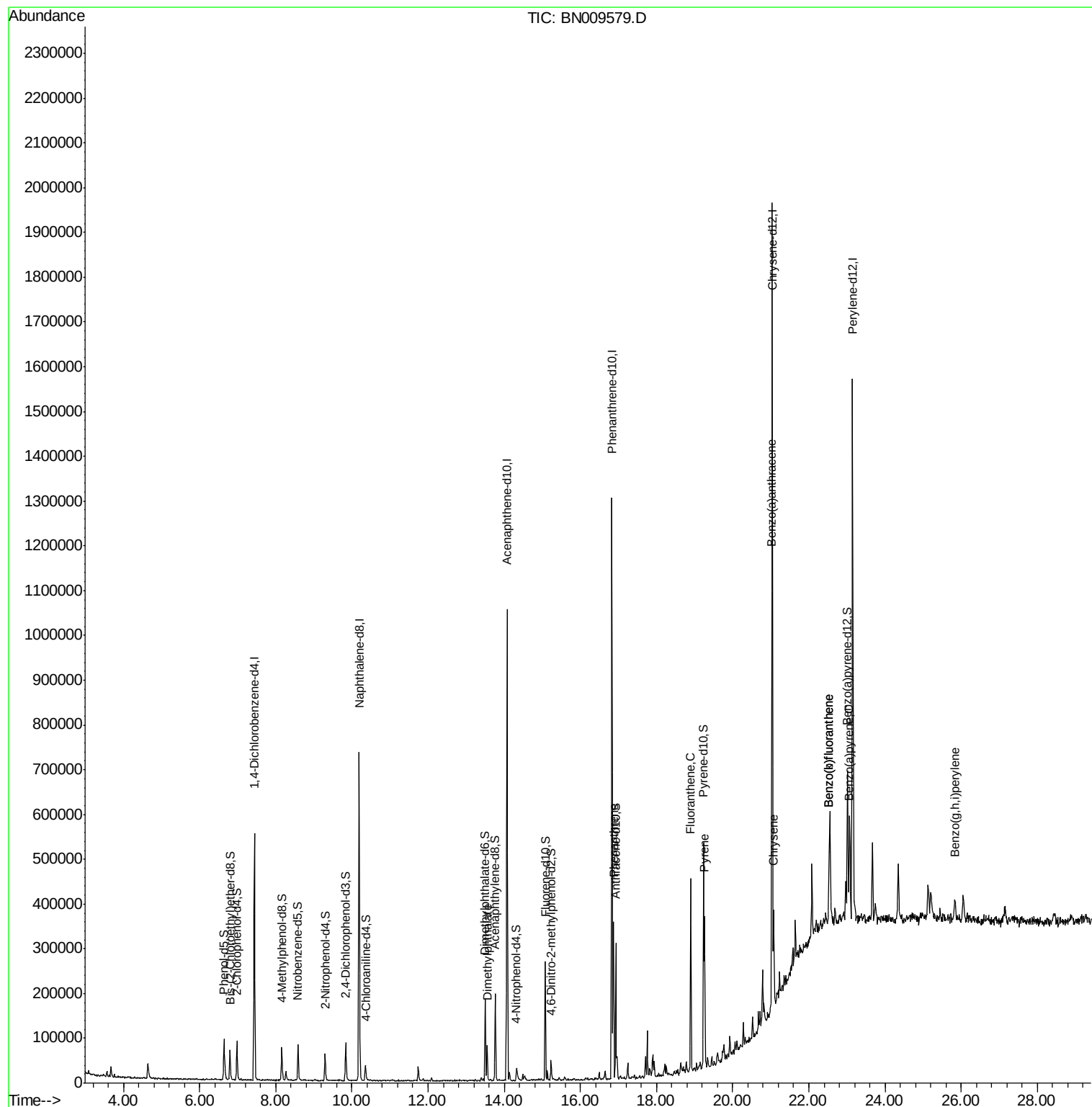
					Ovalue	
44) Dimethylphthalate	13.55	163	46210	1.787	ng/ul#	98
69) Phenanthrene	16.87	178	188269	4.715	ng/ul	98
76) Fluoranthene	18.90	202	225252	4.943	ng/ul	99
79) Pyrene	19.26	202	199896	3.956	ng/ul	98
82) Benzo(a)anthracene	21.02	228	111140	2.326	ng/ul	99
84) Chrysene	21.07	228	103343	2.172	ng/ul	96
87) Benzo(b)fluoranthene	22.53	252	119046	2.536	ng/ul	97
88) Benzo(k)fluoranthene	22.53	252	119046	2.576	ng/ul	96
90) Benzo(a)pyrene	23.06	252	76437	1.758	ng/ul#	90
93) Benzo(a,h,i)perylene	25.84	276	43599	1.006	ng/ul	99

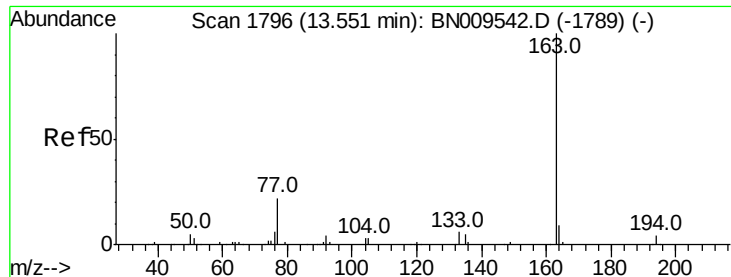
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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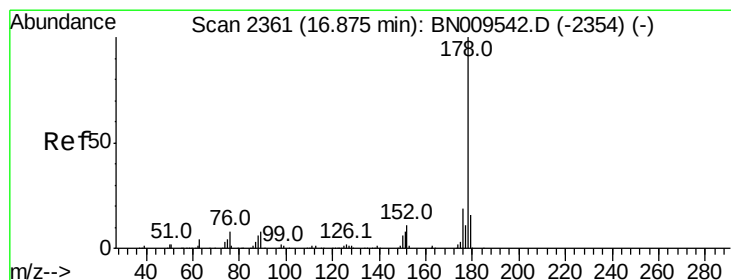
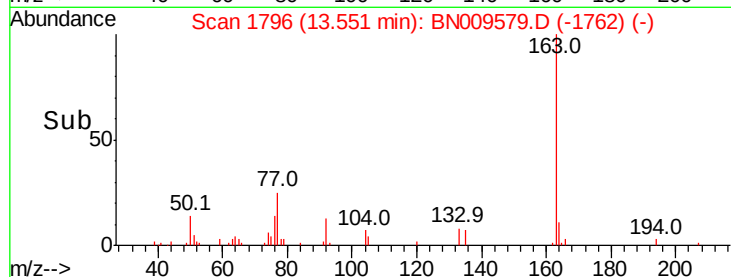
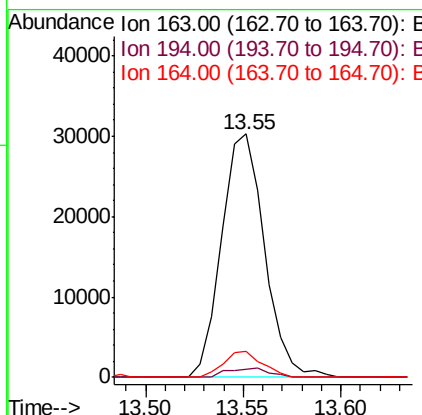
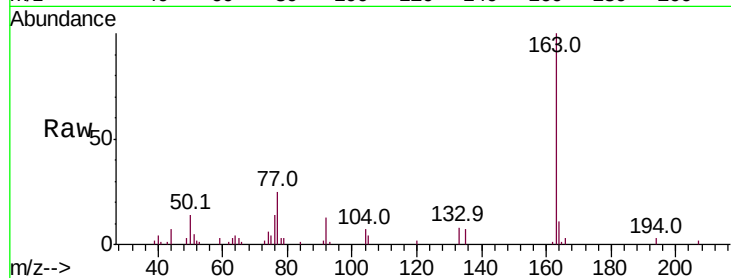




#44
 Dimethylphthalate
 Concen: 1.787 ng/ul
 RT: 13.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: BN009579.D
 Acq: 05 Feb 2020 00:04

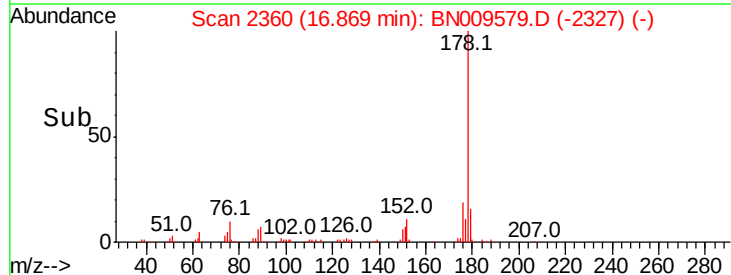
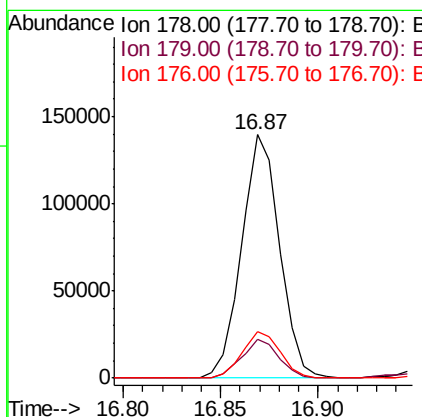
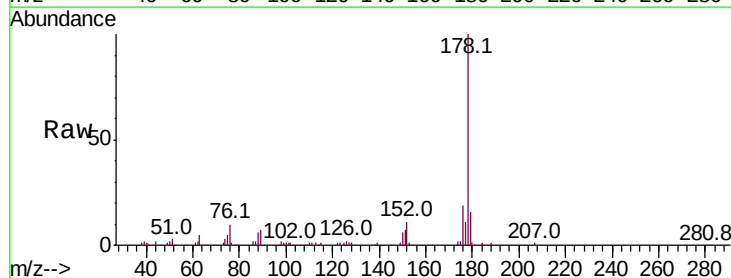
Instrument :
 BNA_N
 ClientSampled :

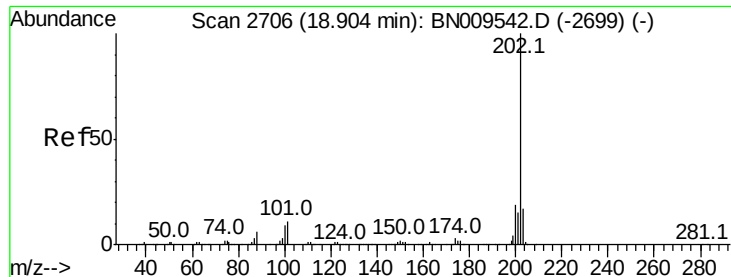
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.5	5.3#
164	10.5	8.0	12.0



#69
 Phenanthrene
 Concen: 4.715 ng/ul
 RT: 16.87 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BN009579.D
 Acq: 05 Feb 2020 00:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	19.3	14.8	22.2

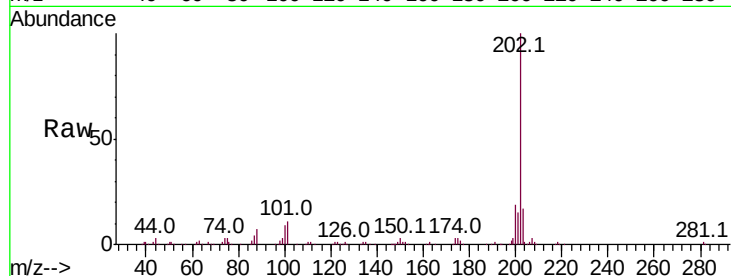




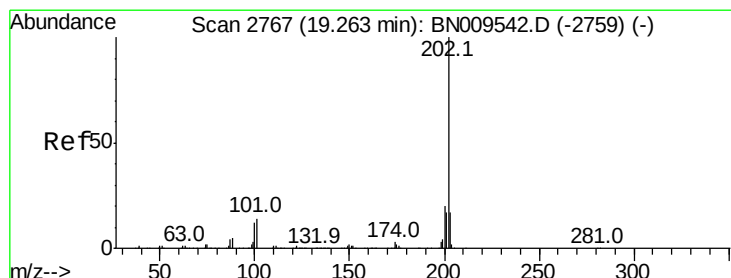
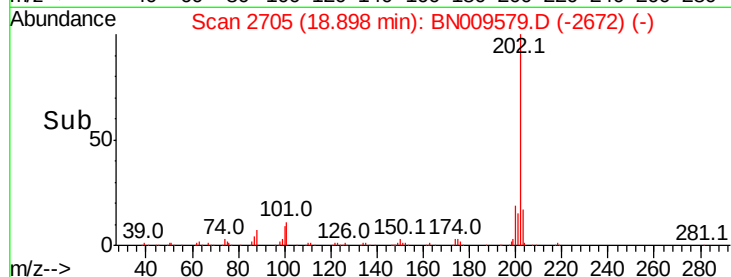
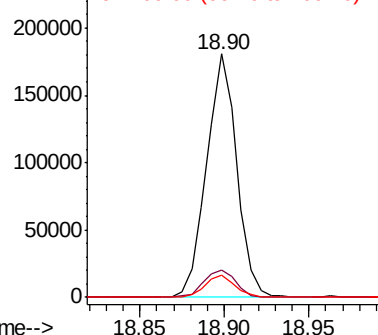
#76
Fluoranthene
Concen: 4.943 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009579.D
Acq: 05 Feb 2020 00:04

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.2	13.8
100	9.0	6.9	10.3

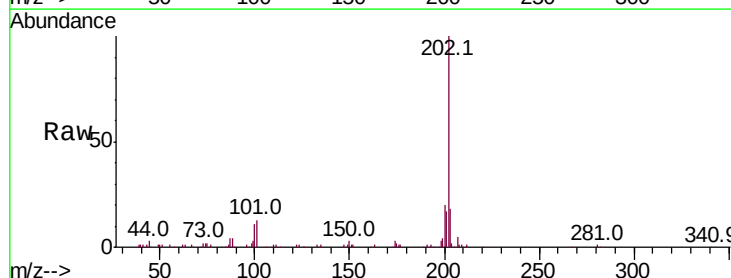


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

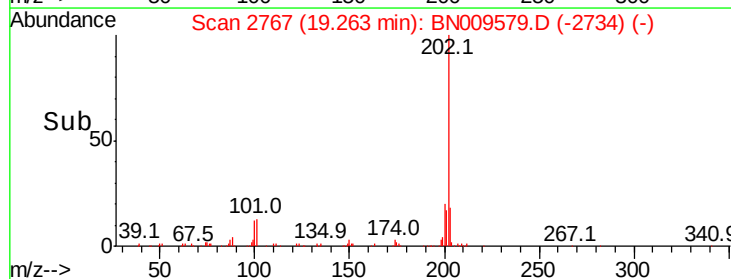
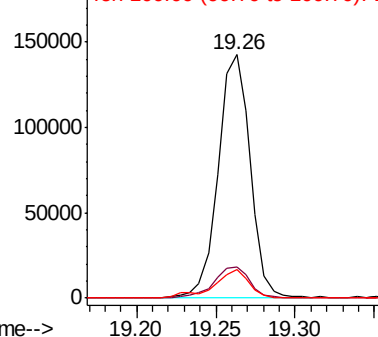


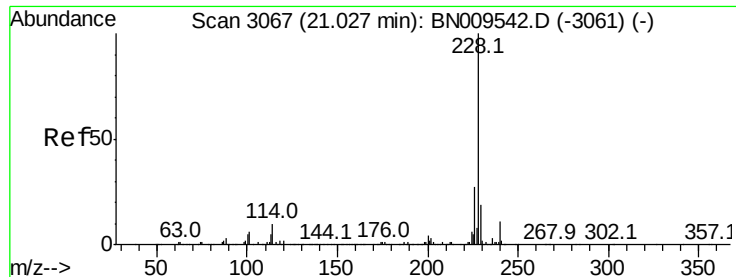
#79
Pyrene
Concen: 3.956 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN009579.D
Acq: 05 Feb 2020 00:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.3	15.5
100	11.5	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: 2.326 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009579.D

Acq: 05 Feb 2020 00:04

Instrument :

BNA_N

ClientSampled :

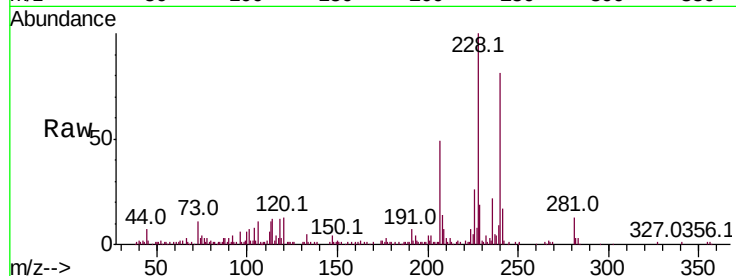
Tot Ion:228 Resp: 111140

Ion Ratio Lower Upper

228 100

229 19.0 15.0 22.4

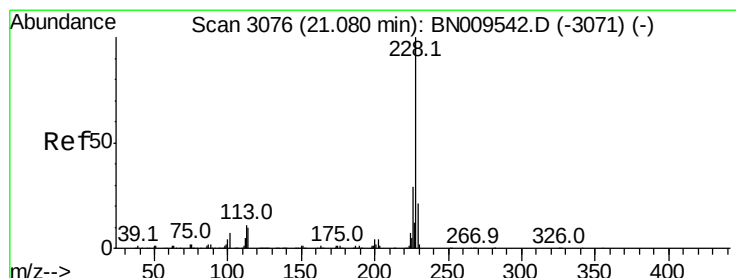
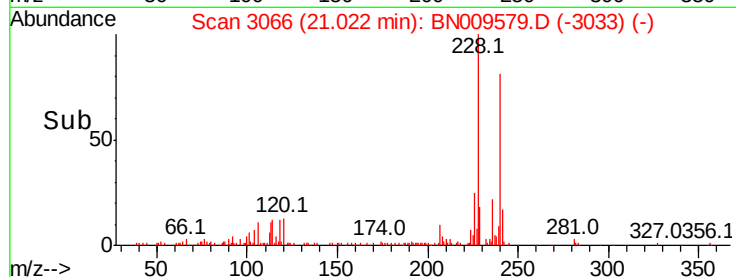
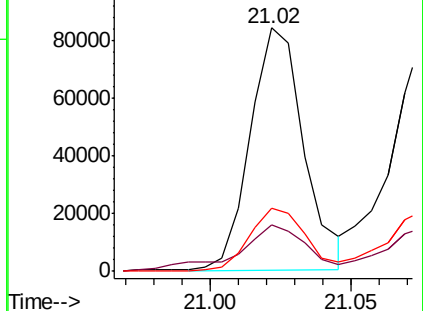
226 25.7 20.9 31.3



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: 2.172 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009579.D

Acq: 05 Feb 2020 00:04

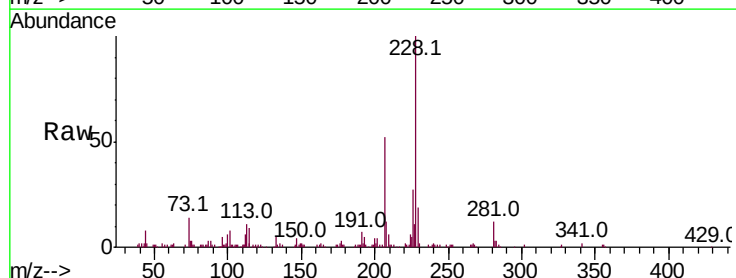
Tgt Ion:228 Resp: 103343

Ion Ratio Lower Upper

228 100

226 26.6 23.5 35.3

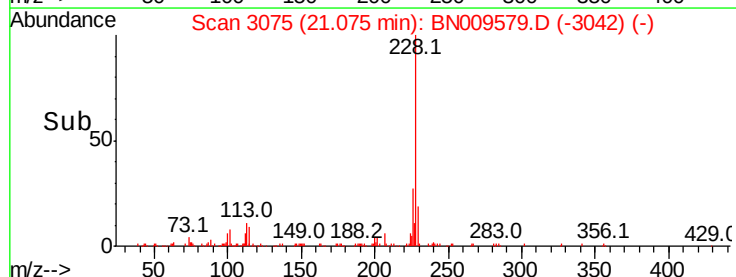
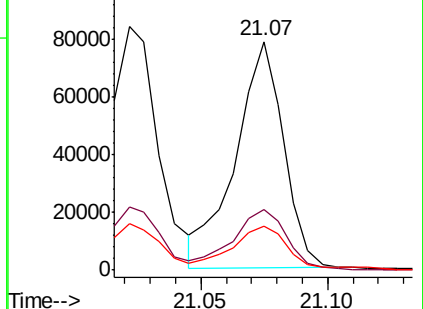
229 19.2 15.8 23.8

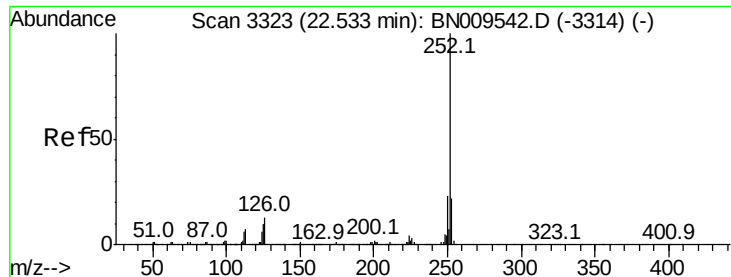


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

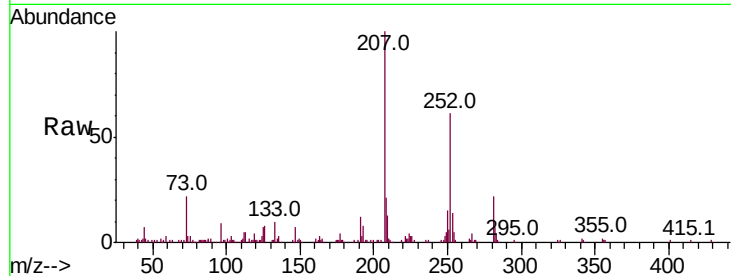




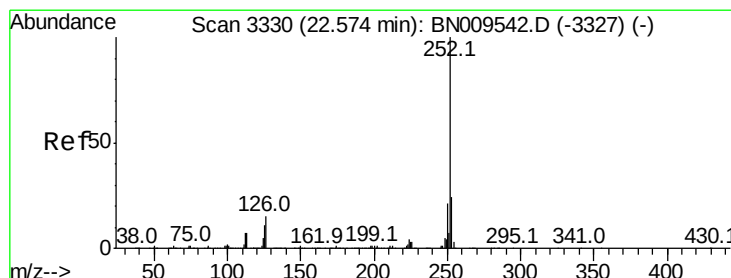
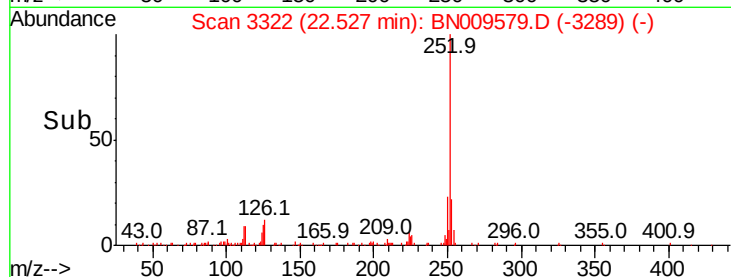
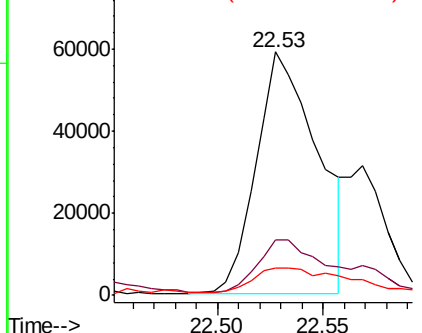
#87
Benzo(b)fluoranthene
Concen: 2.536 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BN009579.D
Acq: 05 Feb 2020 00:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.4	8.2	12.2

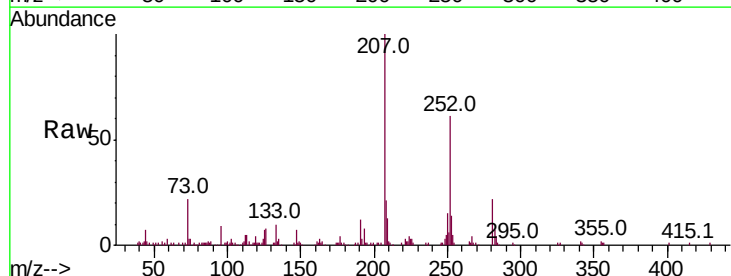


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

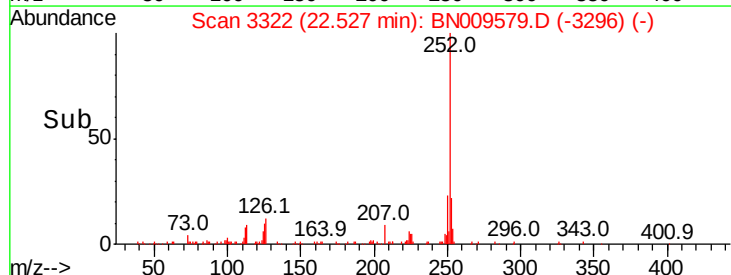
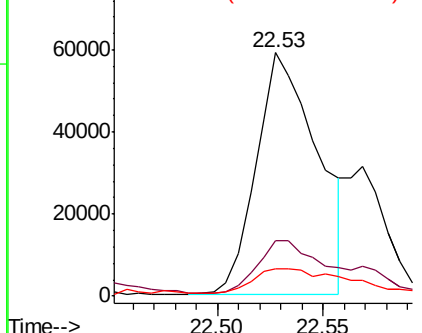


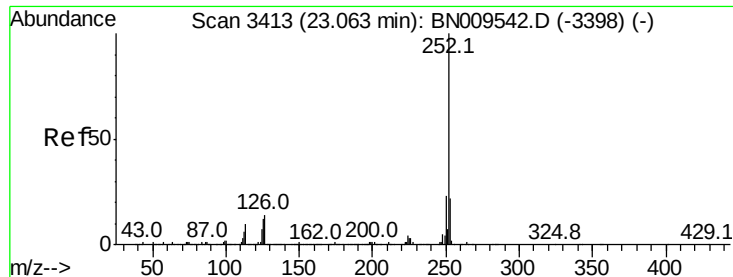
#88
Benzo(k)fluoranthene
Concen: 2.576 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.05 min
Lab File: BN009579.D
Acq: 05 Feb 2020 00:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	11.4	8.0	12.0



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





#90

Benzo(a)pyrene

Concen: 1.758 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.01 min

Lab File: BN009579.D

Acq: 05 Feb 2020 00:04

Instrument :

BNA_N

ClientSampleId :

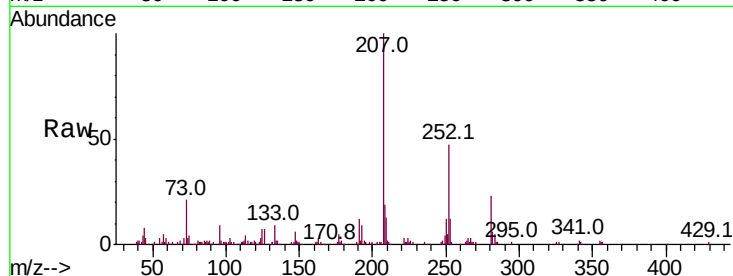
Tot Ion:252 Resp: 76437

Ion Ratio Lower Upper

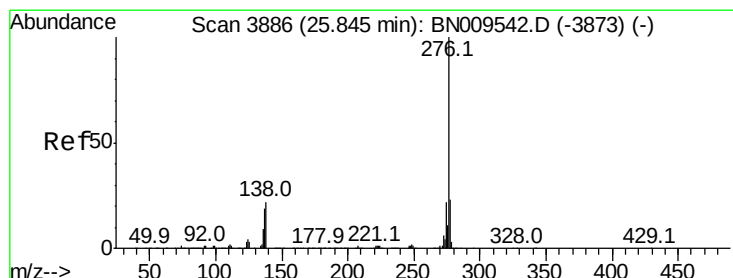
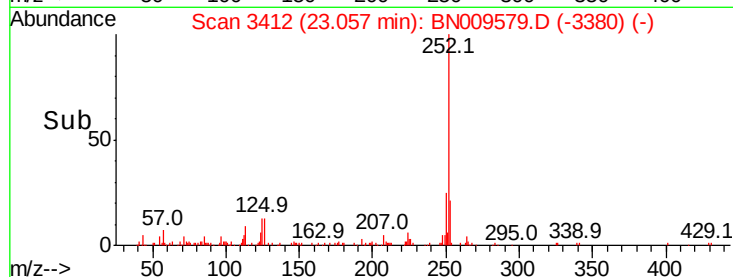
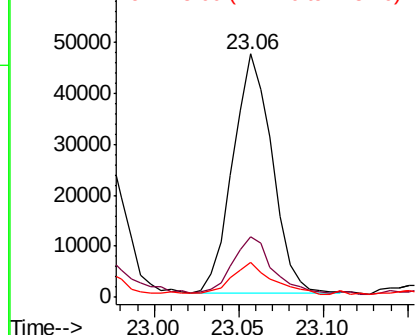
252 100

253 24.8 15.8 23.8#

125 14.1 8.7 13.1#



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



#93

Benzo(g,h,i)perylene

Concen: 1.006 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BN009579.D

Acq: 05 Feb 2020 00:04

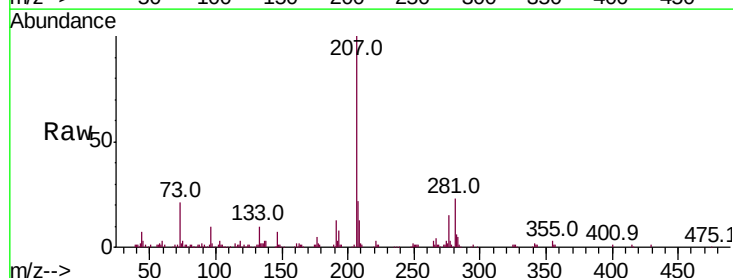
Tgt Ion:276 Resp: 43599

Ion Ratio Lower Upper

276 100

138 19.2 16.0 24.0

277 21.4 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

