

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009579.D
 Acq On : 05 Feb 2020 00:04
 Operator : CG/JU
 Sample : L1014-06
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OR-02-011720

Quant Time: Feb 05 01:21:30 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

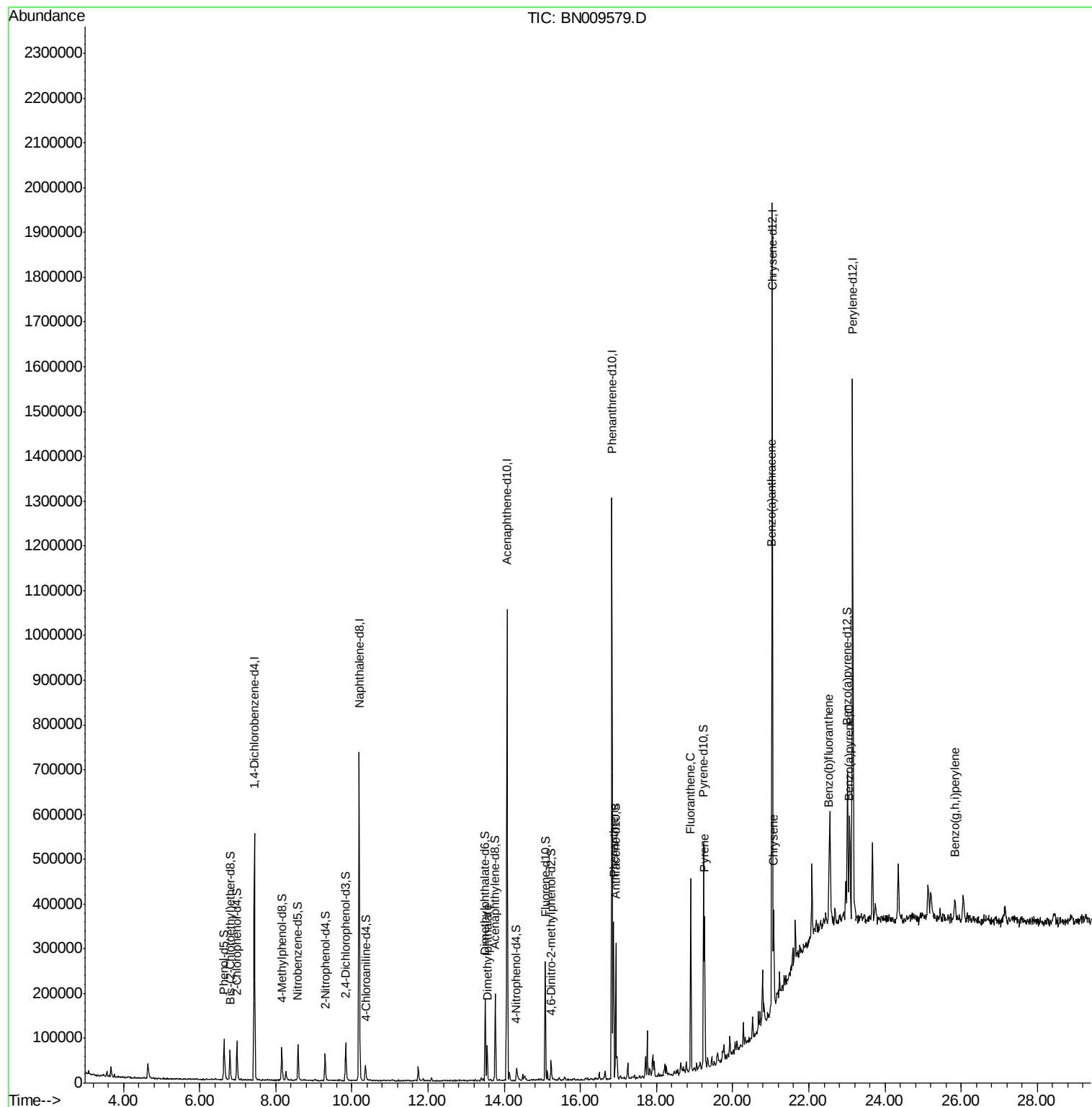
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.55	163	46210	1.787	ng/ul#	98
69) Phenanthrene	16.87	178	188269	4.715	ng/ul	98
76) Fluoranthene	18.90	202	225252	4.943	ng/ul	99
79) Pyrene	19.26	202	199896	3.956	ng/ul	98
82) Benzo(a)anthracene	21.02	228	111140	2.326	ng/ul	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
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

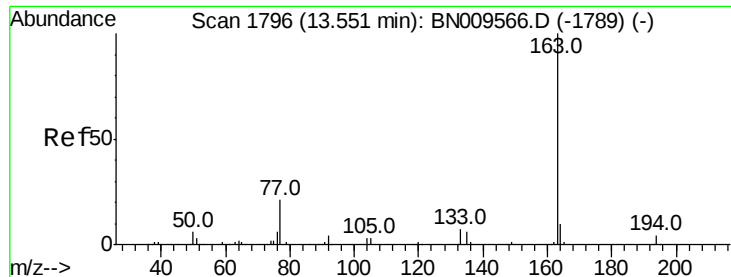
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampleId :

OR-02-011720

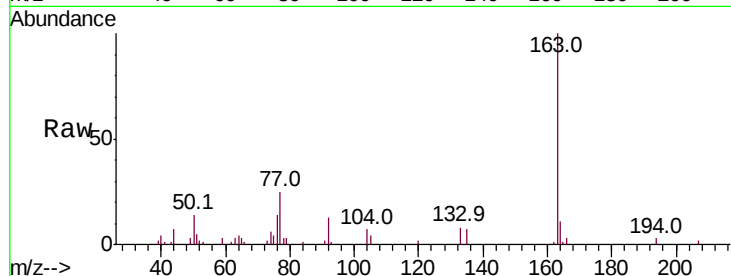
Tot Ion:163 Resp: 46210

Ion Ratio Lower Upper

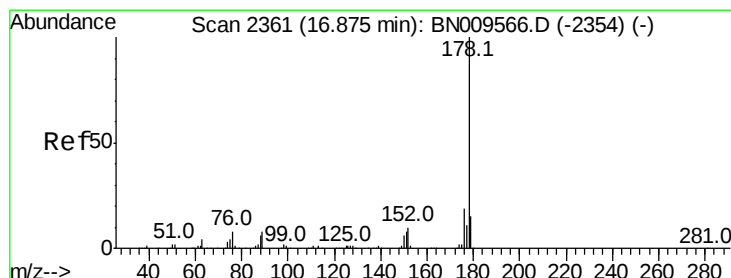
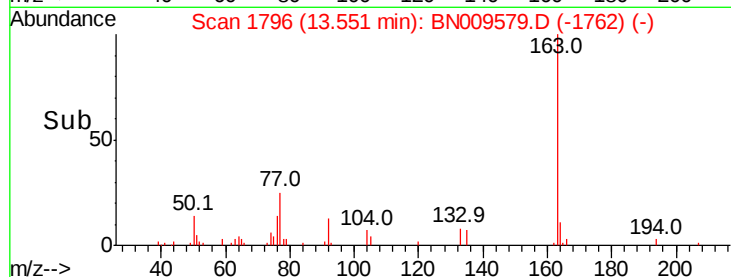
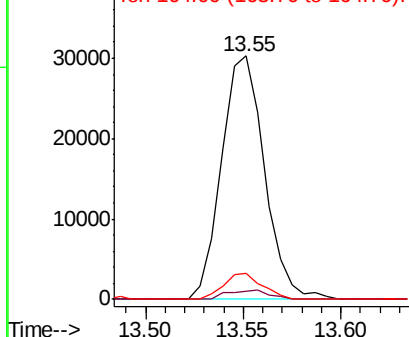
163 100

194 3.4 3.5 5.3#

164 10.5 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



#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

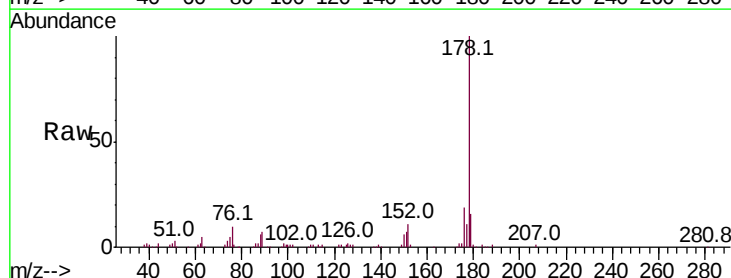
Tgt Ion:178 Resp: 188269

Ion Ratio Lower Upper

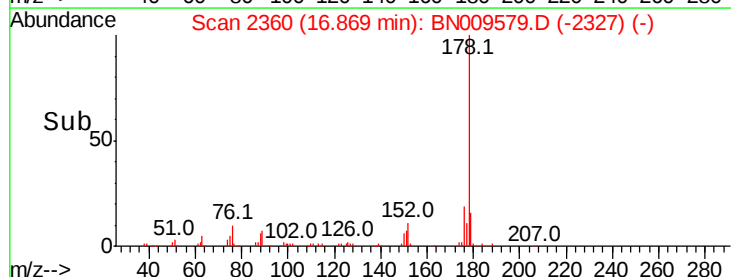
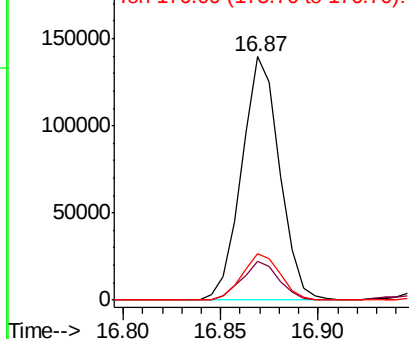
178 100

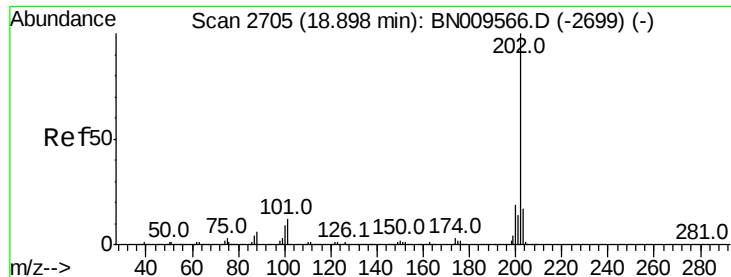
179 16.0 12.2 18.2

176 19.3 14.8 22.2



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

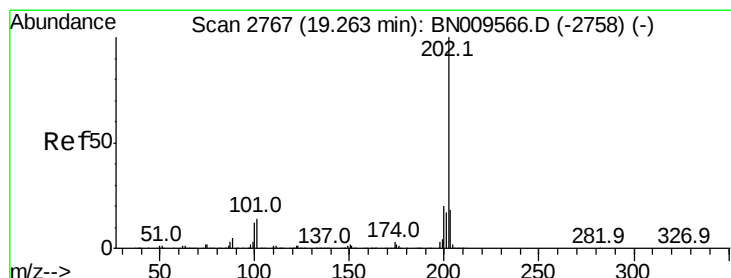
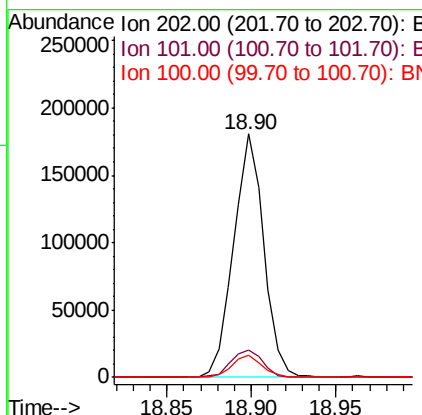
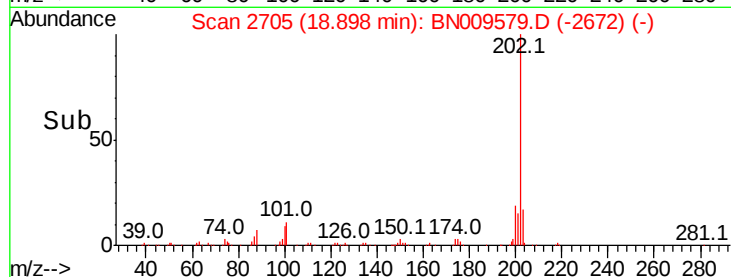
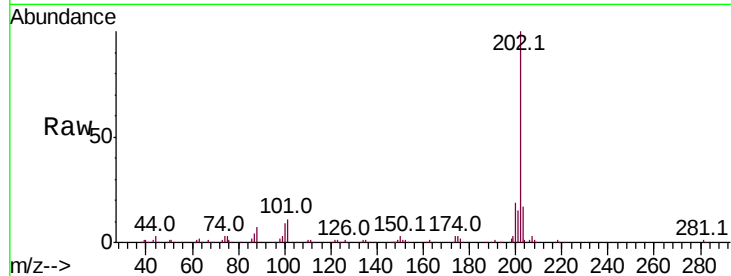




#76
Fluoranthene
Concen: 4.943 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009579.D
Acq: 05 Feb 2020 00:04

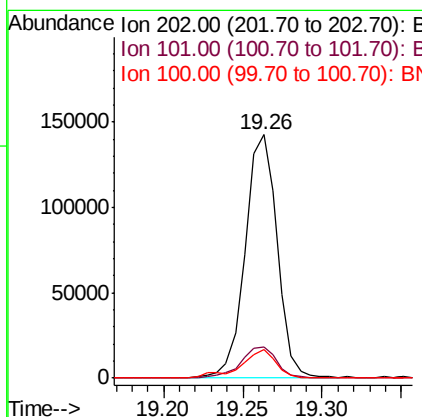
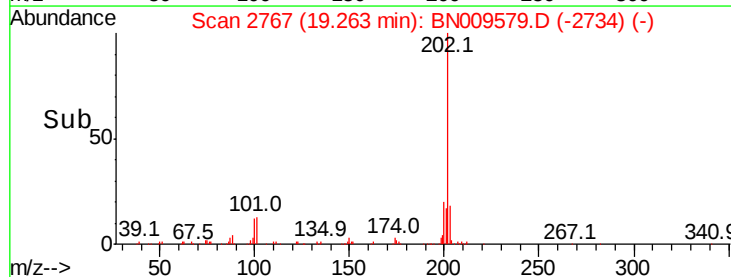
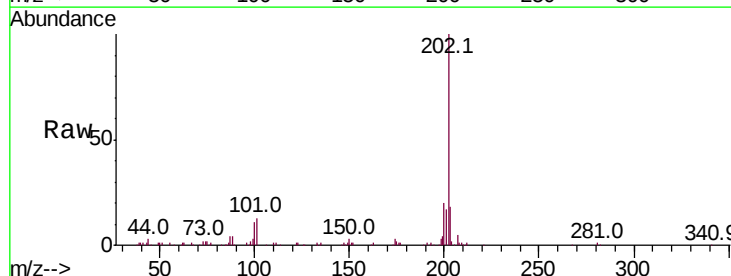
Instrument :
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OR-02-011720

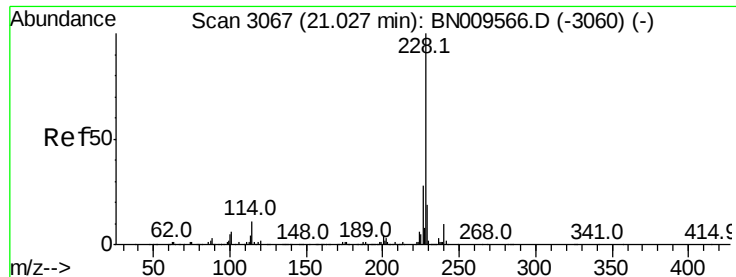
Tot Ion:	202	Resp:	225252
Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.2	13.8
100	9.0	6.9	10.3



#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:	202	Resp:	199896
Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.3	15.5
100	11.5	8.4	12.6

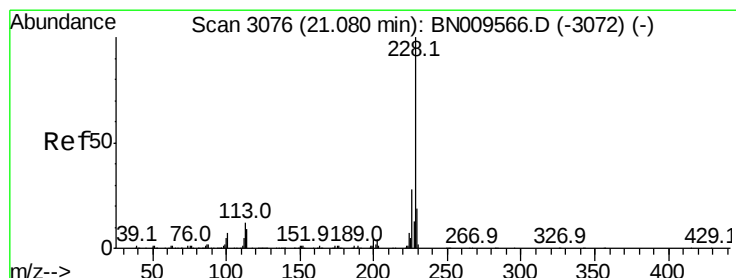
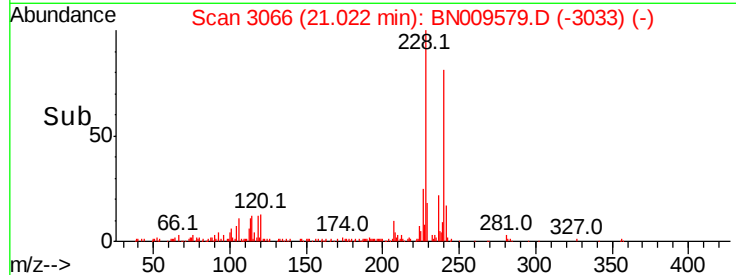
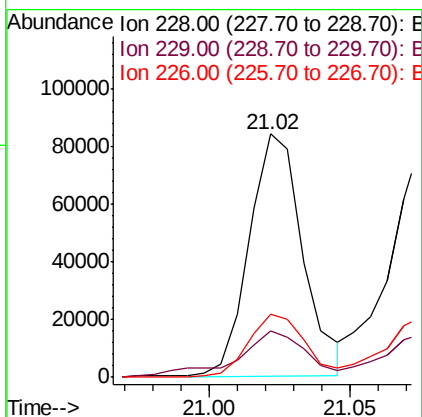
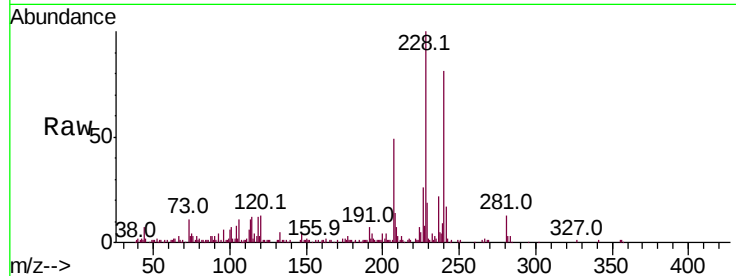




#82
Benzo(a)anthracene
Concen: 2.326 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009579.D
Acq: 05 Feb 2020 00:04

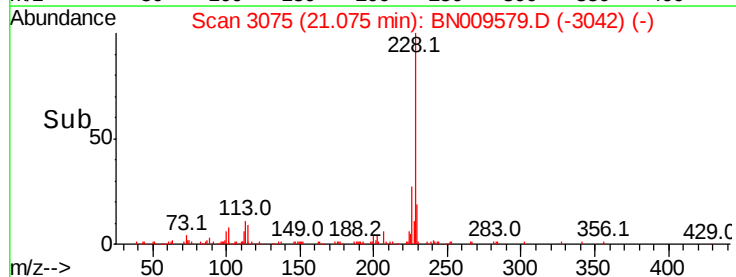
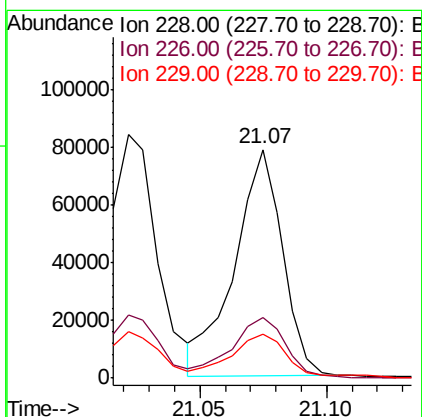
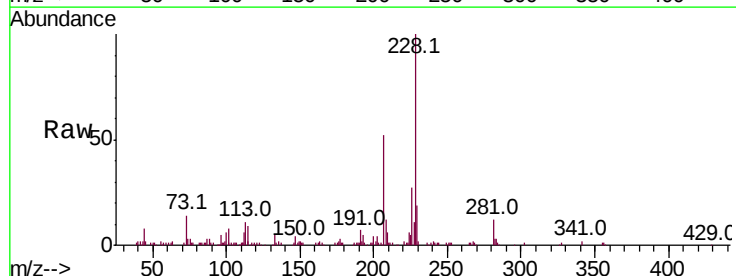
Instrument :
BNA_N
ClientSampleId :
OR-02-011720

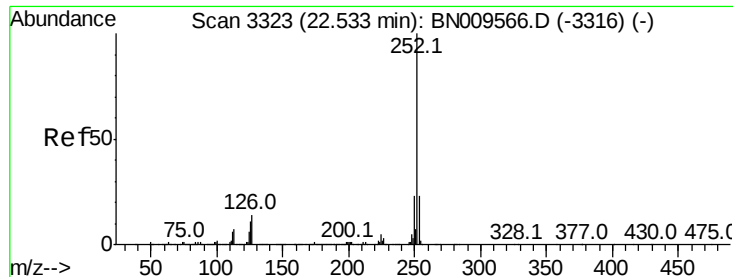
Tot Ion:228 Resp: 111140
Ion Ratio Lower Upper
228 100
229 19.0 15.0 22.4
226 25.7 20.9 31.3



#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





#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 :

OR-02-011720

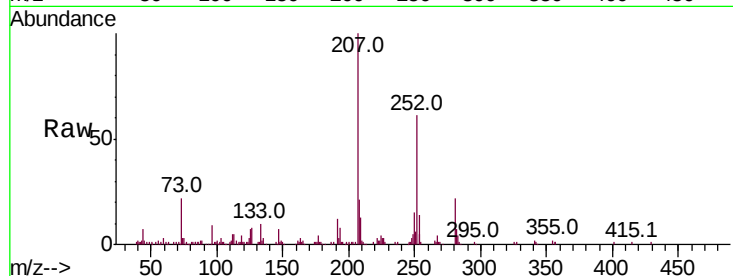
Tot Ion:252 Resp: 119046

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

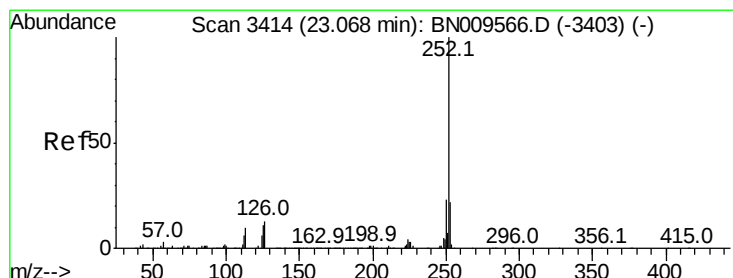
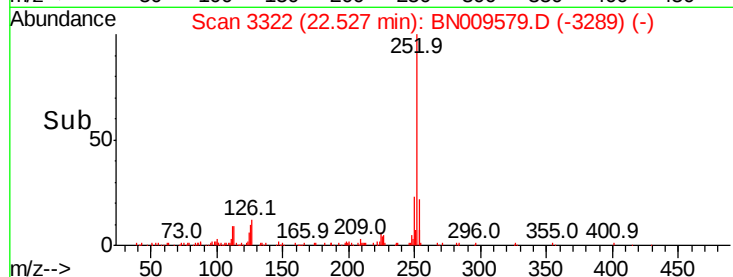
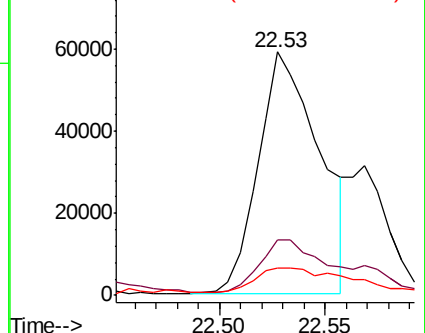
125 11.4 8.2 12.2



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



#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

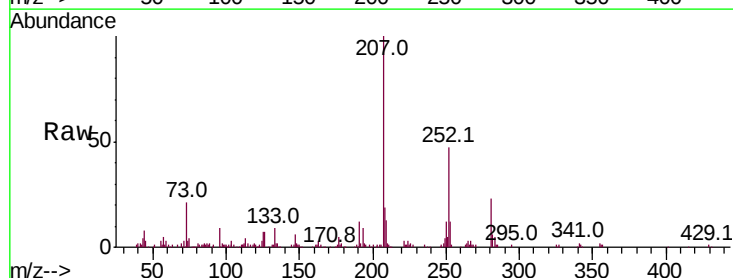
Tgt Ion:252 Resp: 76437

Ion Ratio Lower Upper

252 100

253 24.8 15.8 23.8#

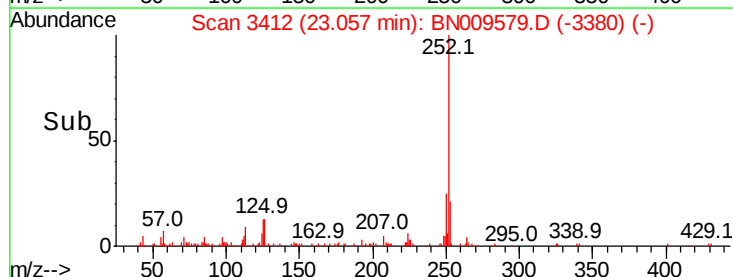
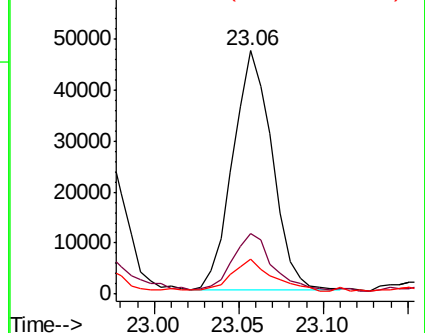
125 14.1 8.7 13.1#

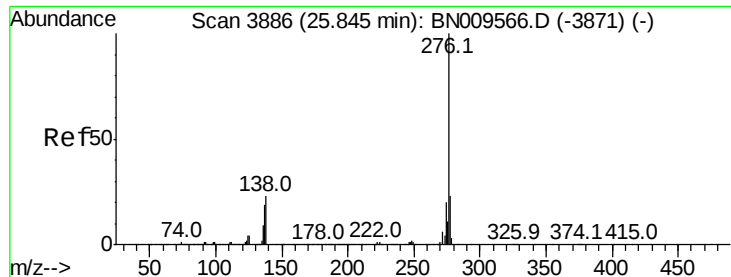


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.006 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

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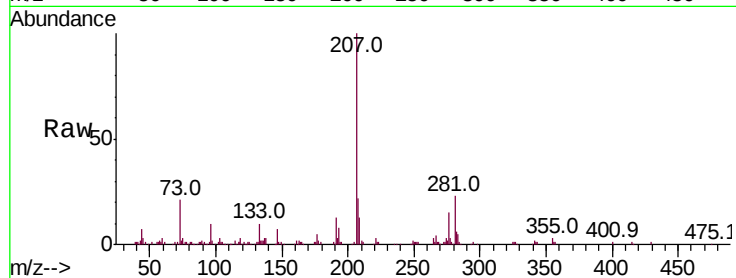
Tot Ion:276 Resp: 43599

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

