

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009575.D
 Acq On : 04 Feb 2020 21:39
 Operator : CG/JU
 Sample : L1302-13
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 05 00:26:33 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	141902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	597377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	379497	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	792695	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	793702	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	850854	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4729	1.37	ng/uL	0.00
5) Phenol-d5	6.64	99	87790	7.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	66961	8.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	70524	7.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	56209	5.70	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	34674	7.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	35544	7.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	65806	7.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	73946	7.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	230370	8.32	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	264910	7.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	19955	3.81	ng/ul	0.01
57) Fluorene-d10	15.08	176	202948	8.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	17286	3.49	ng/ul	0.00
70) Anthracene-d10	16.93	188	305460	8.48	ng/ul	0.00
78) Pyrene-d10	19.23	212	381755	9.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	390108	9.31	ng/ul	0.00

Target Compounds

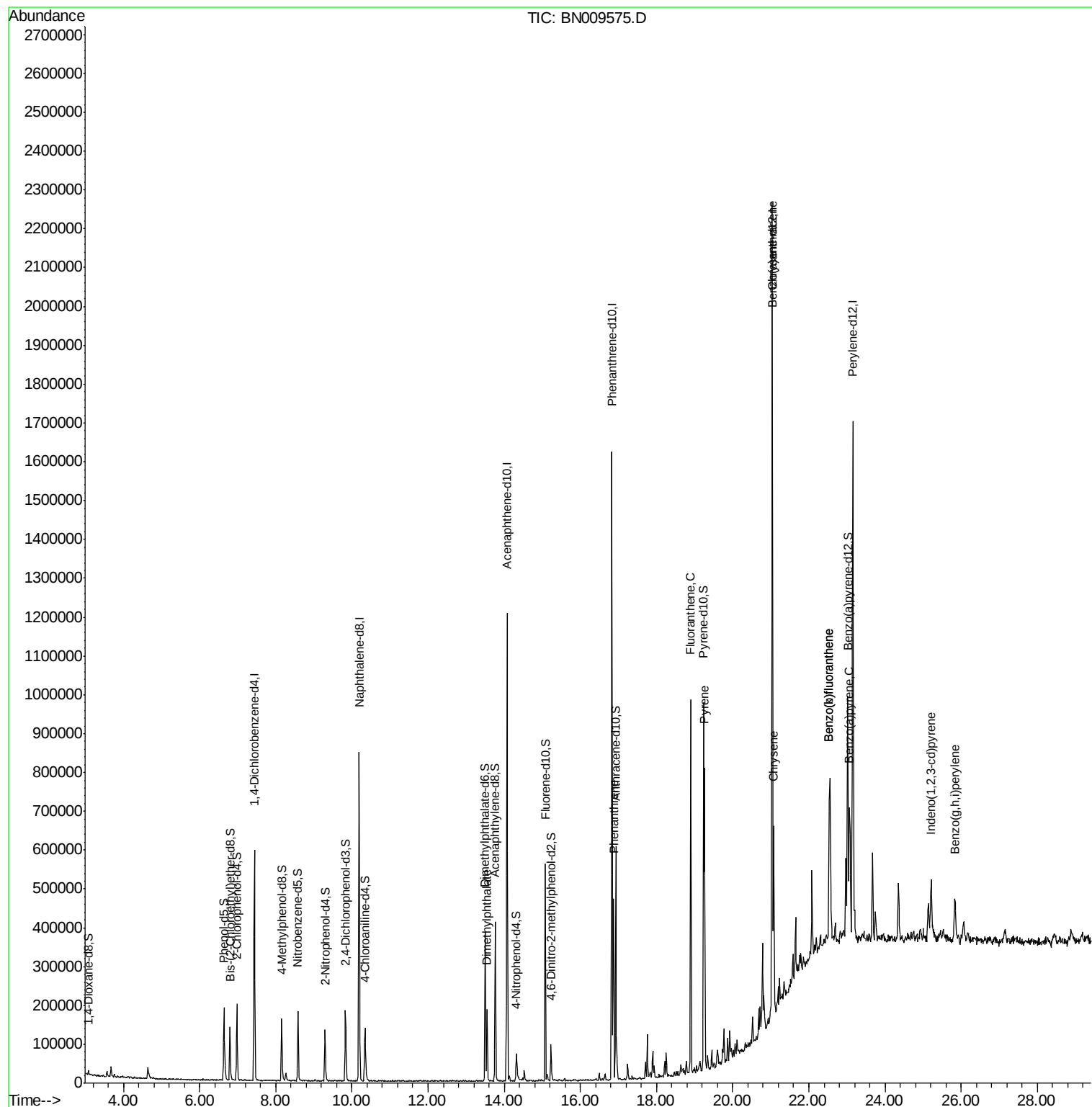
					Ovalue
44) Dimethylphthalate	13.55	163	111355	3.788	ng/ul 99
69) Phenanthrene	16.87	178	253157	5.600	ng/ul 98
76) Fluoranthene	18.90	202	521048	10.099	ng/ul 100
79) Pyrene	19.26	202	432939	7.472	ng/ul 98
82) Benzo(a)anthracene	21.03	228	206498	3.768	ng/ul 98
84) Chrysene	21.07	228	235952	4.325	ng/ul 98
87) Benzo(b)fluoranthene	22.53	252	278328	5.228	ng/ul 100
88) Benzo(k)fluoranthene	22.53	252	278328	5.309	ng/ul 99
90) Benzo(a)pyrene	23.06	252	177323	3.595	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.21	276	119975	2.046	ng/ul# 93
93) Benzo(g,h,i)perylene	25.83	276	108226	2.202	ng/ul# 91

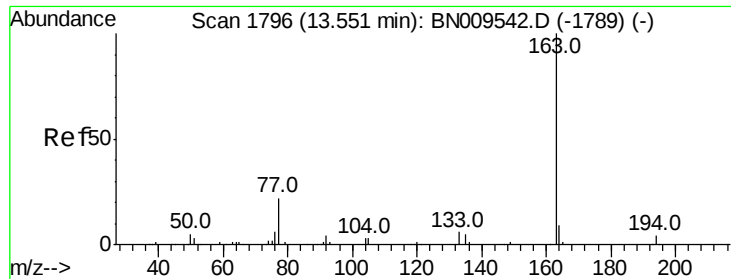
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

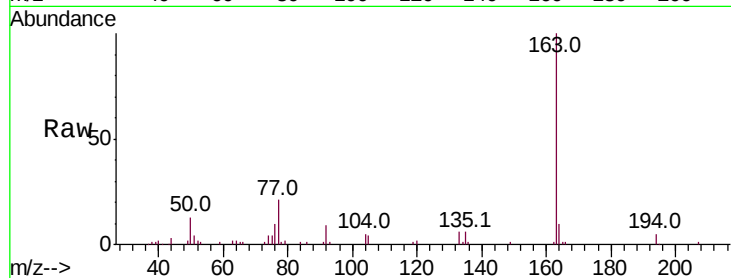




#44
Dimethylphthalate
Concen: 3.788 ng/ul
RT: 13.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BN009575.D
Acq: 04 Feb 2020 21:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	9.9	8.0	12.0

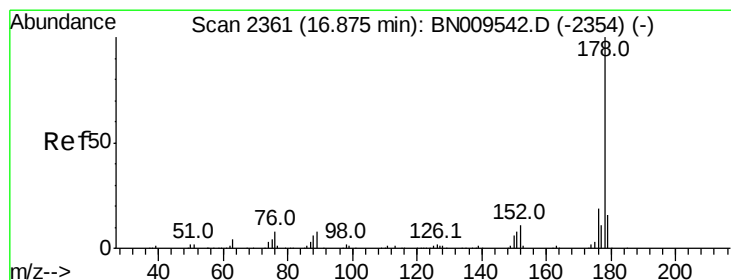
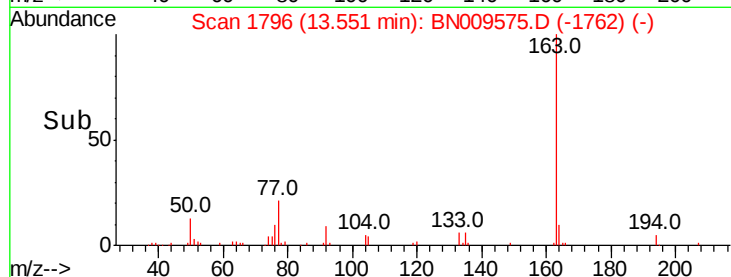
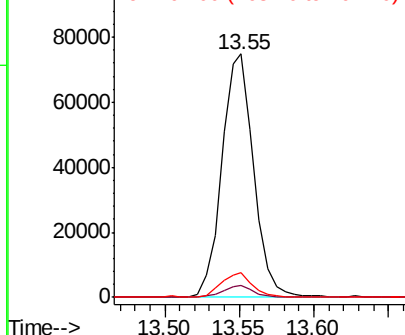


Abundance

Ion 163.00 (162.70 to 163.70): E

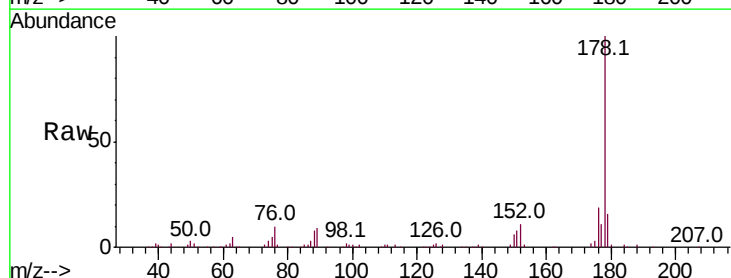
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 5.600 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009575.D
Acq: 04 Feb 2020 21:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	19.4	14.8	22.2

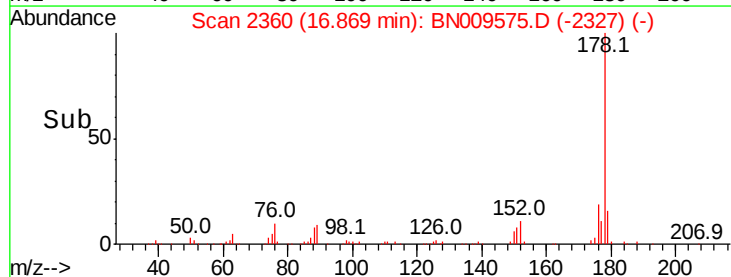
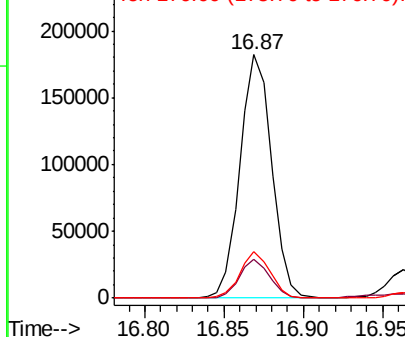


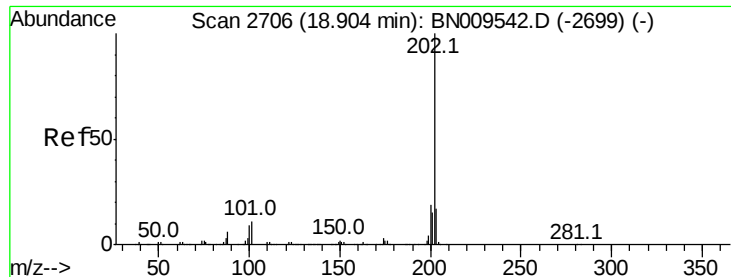
Abundance

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

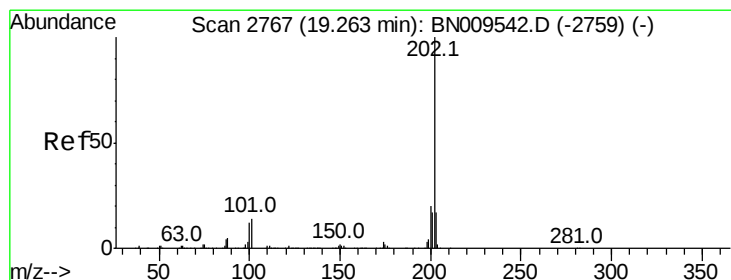
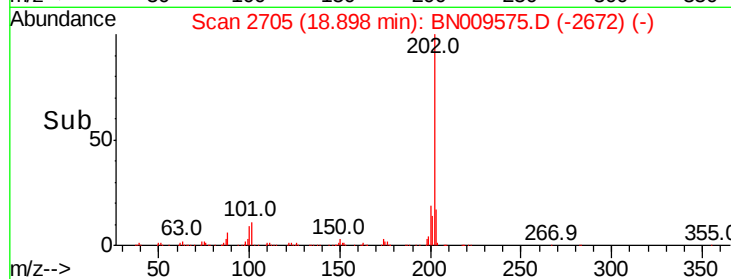
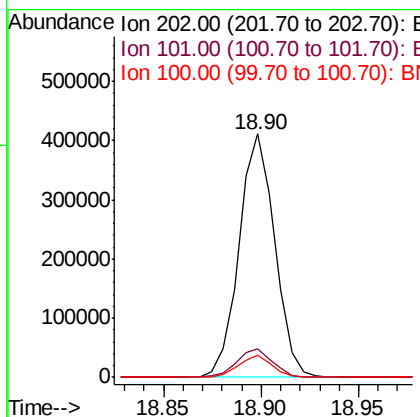
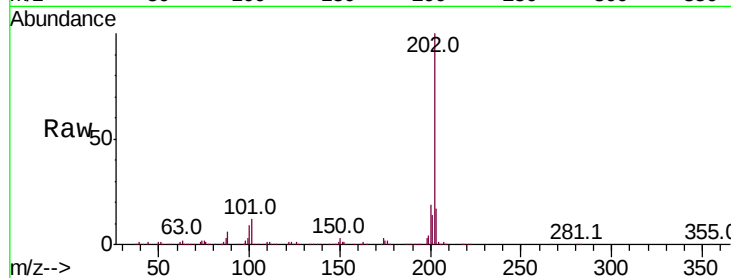




#76
 Fluoranthene
 Concen: 10.099 ng/ul
 RT: 18.90 min Scan# 2705
 Delta R.T. -0.01 min
 Lab File: BN009575.D
 Acq: 04 Feb 2020 21:39

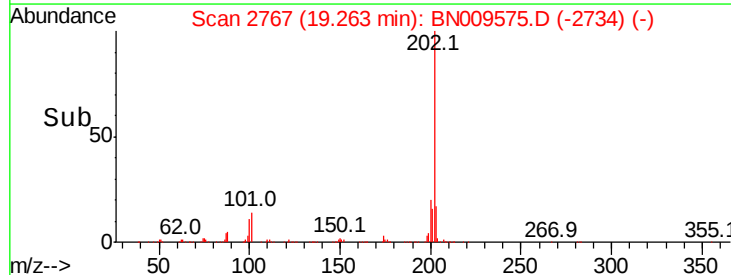
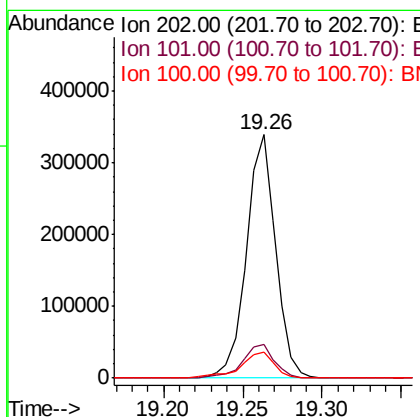
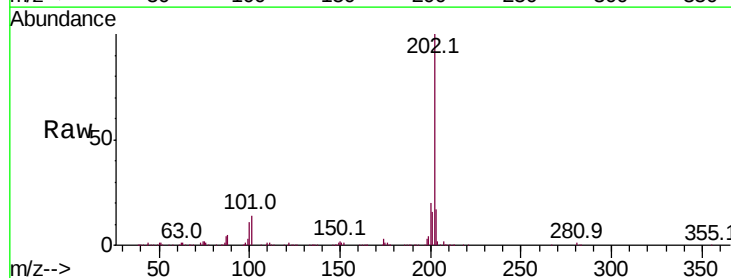
Instrument :
 BNA_N
 ClientSampleId :

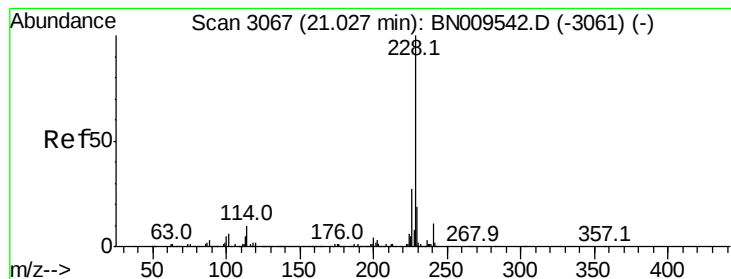
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	8.9	6.9	10.3



#79
 Pyrene
 Concen: 7.472 ng/ul
 RT: 19.26 min Scan# 2767
 Delta R.T. -0.01 min
 Lab File: BN009575.D
 Acq: 04 Feb 2020 21:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.3	15.5
100	10.9	8.4	12.6





#82

Benzo(a)anthracene

Concen: 3.768 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BN009575.D

Acq: 04 Feb 2020 21:39

Instrument :

BNA_N

ClientSampleId :

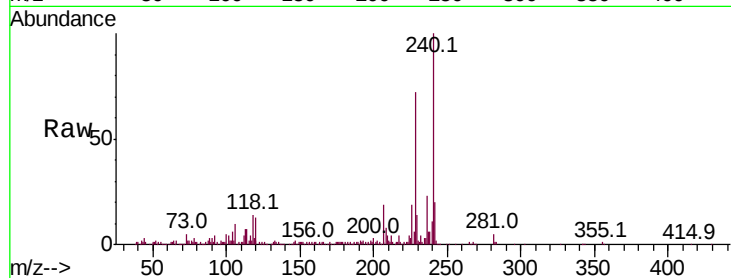
Tot Ion:228 Resp: 206498

Ion Ratio Lower Upper

228 100

229 20.2 15.0 22.4

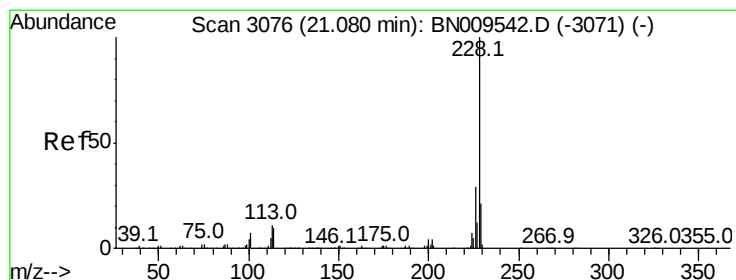
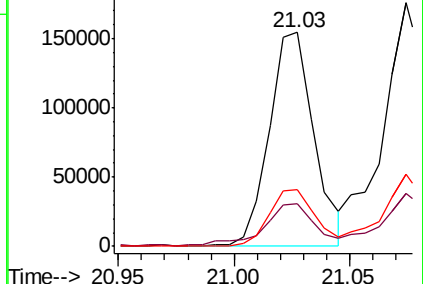
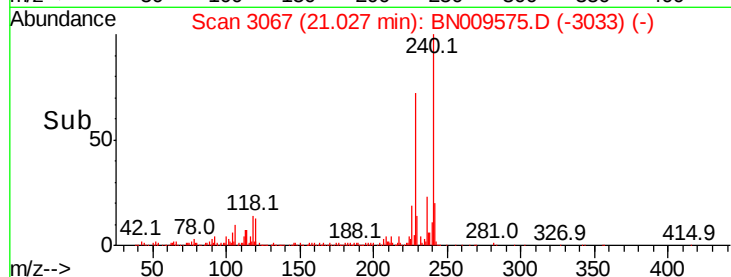
226 26.4 20.9 31.3



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: 4.325 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009575.D

Acq: 04 Feb 2020 21:39

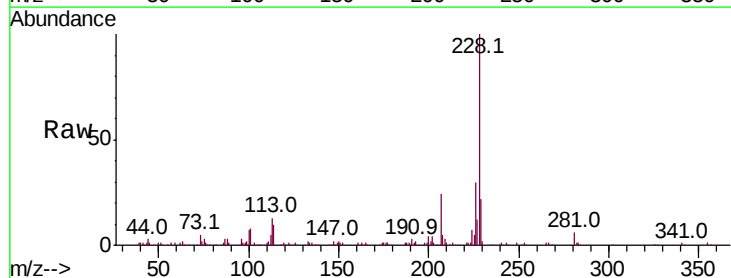
Tgt Ion:228 Resp: 235952

Ion Ratio Lower Upper

228 100

226 29.7 23.5 35.3

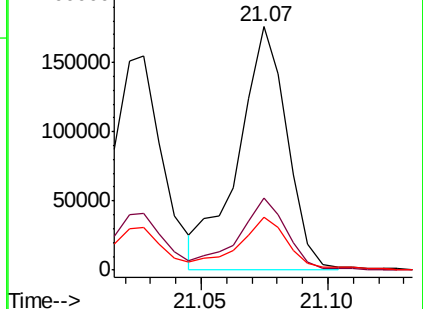
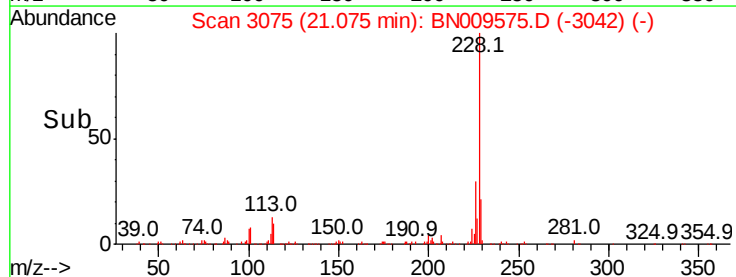
229 21.6 15.8 23.8

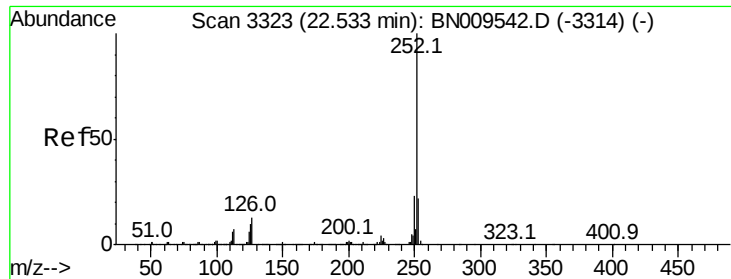


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 5.228 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. 0.00 min

Lab File: BN009575.D

Acq: 04 Feb 2020 21:39

Instrument :

BNA_N

ClientSampleId :

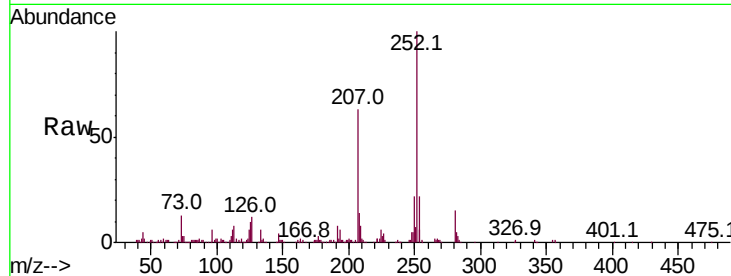
Tot Ion:252 Resp: 278328

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

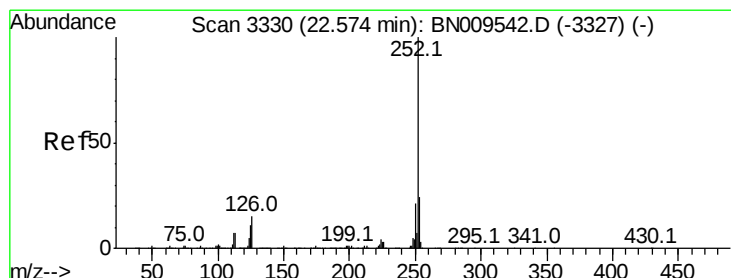
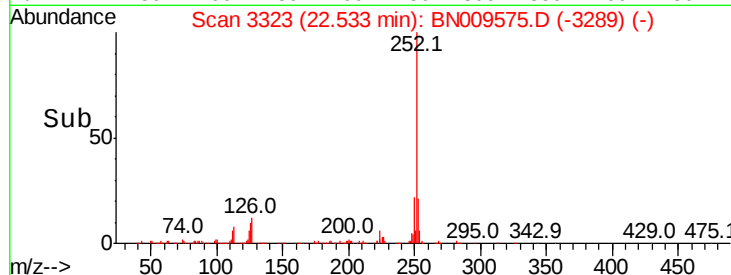
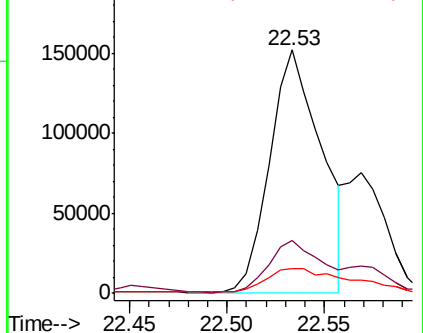
125 10.2 8.2 12.2



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: 5.309 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.04 min

Lab File: BN009575.D

Acq: 04 Feb 2020 21:39

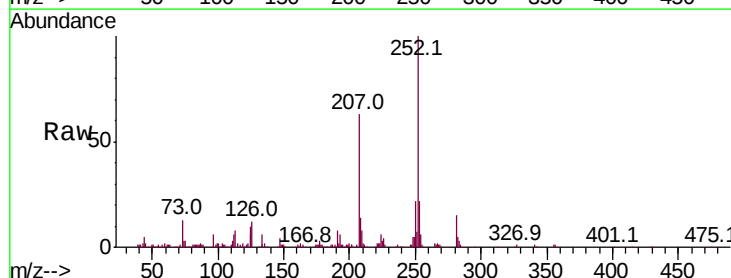
Tgt Ion:252 Resp: 278328

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

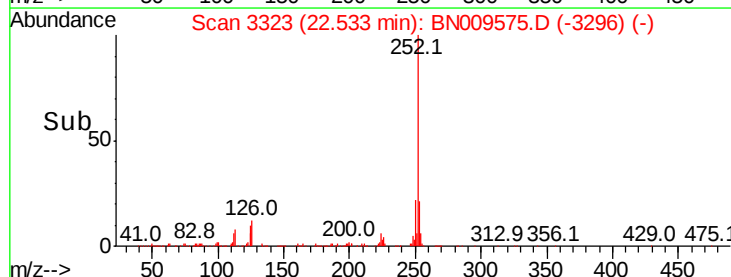
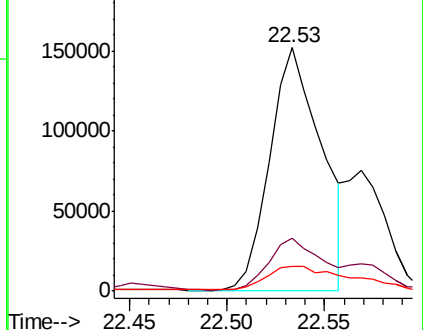
125 10.2 8.0 12.0

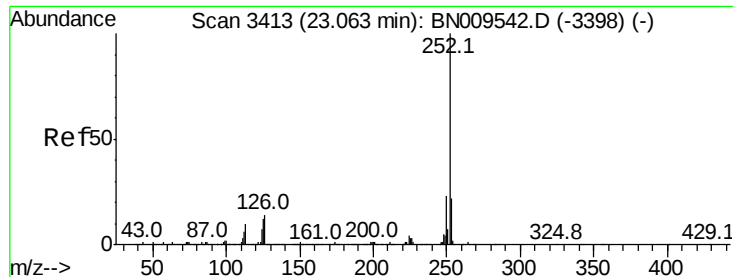


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 3.595 ng/u1

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009575.D

Acq: 04 Feb 2020 21:39

Instrument :

BNA_N

ClientSampled :

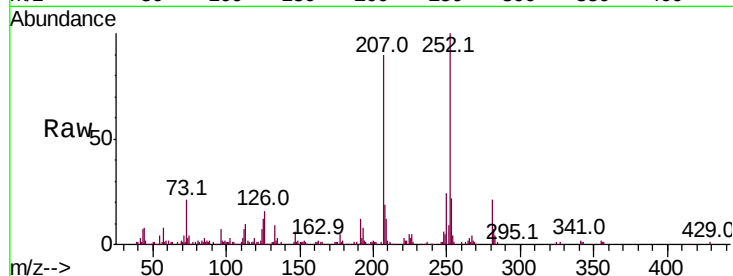
Tot Ion:252 Resp: 177323

Ion Ratio Lower Upper

252 100

253 21.6 15.8 23.8

125 12.0 8.7 13.1

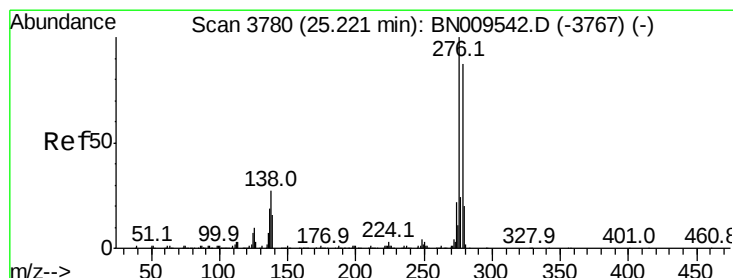
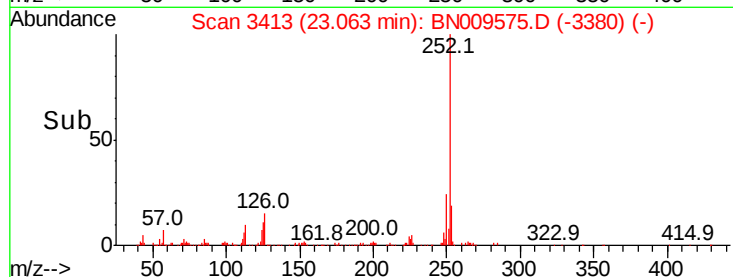
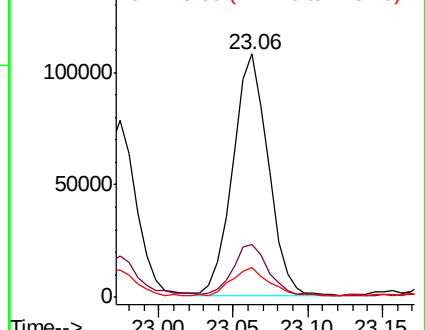


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.046 ng/u1

RT: 25.21 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BN009575.D

Acq: 04 Feb 2020 21:39

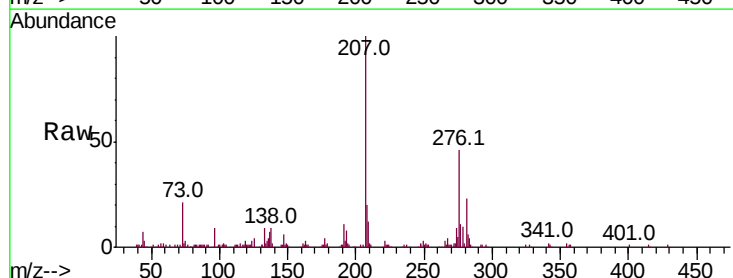
Tgt Ion:276 Resp: 119975

Ion Ratio Lower Upper

276 100

138 20.1 20.3 30.5#

277 24.7 21.2 31.8

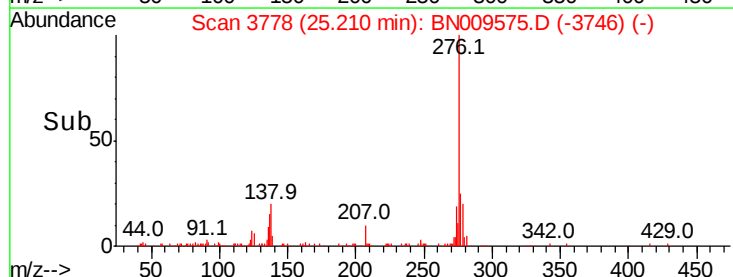
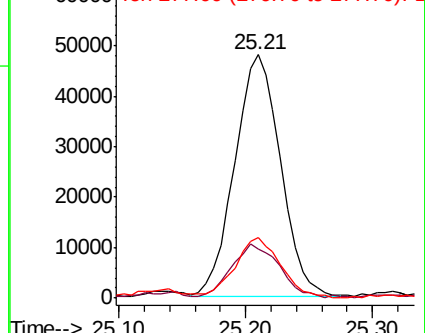


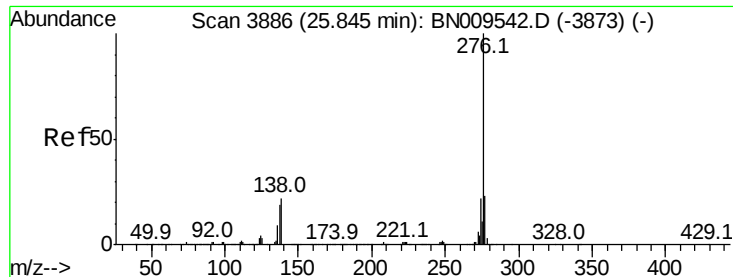
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 2.202 ng/ul

RT: 25.83 min Scan# 3884

Delta R.T. -0.02 min

Lab File: BN009575.D

Acq: 04 Feb 2020 21:39

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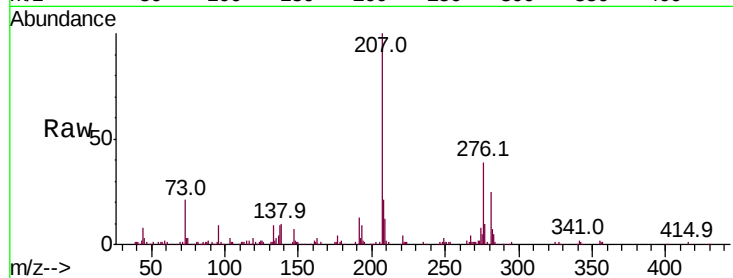
Tot Ion:276 Resp: 108226

Ion Ratio Lower Upper

276 100

138 25.3 16.0 24.0#

277 24.4 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

