

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005861.D
 Acq On : 22 May 2019 21:10
 Operator : JU/SJ
 Sample : K2925-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 01:16:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	61663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	276459	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	201383	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	548053	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	687793	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	845126	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	4689	4.26	ng/uL	0.00
5) Phenol-d5	6.76	99	97358	20.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	58789	23.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	84931	22.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	60409	14.82	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	44962	22.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	45594	19.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	76700	17.34	ng/ul	0.01
29) 4-Chloroaniline-d4	10.49	131	85504	17.41	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	366793	23.67	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	447025	23.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	17637	8.08	ng/ul	0.04
57) Fluorene-d10	15.20	176	339179	25.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	27654	8.39	ng/ul	0.01
70) Anthracene-d10	17.06	188	566120	23.91	ng/ul	0.00
78) Pyrene-d10	19.37	212	752608	22.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	928307	24.49	ng/ul	0.00

Target Compounds

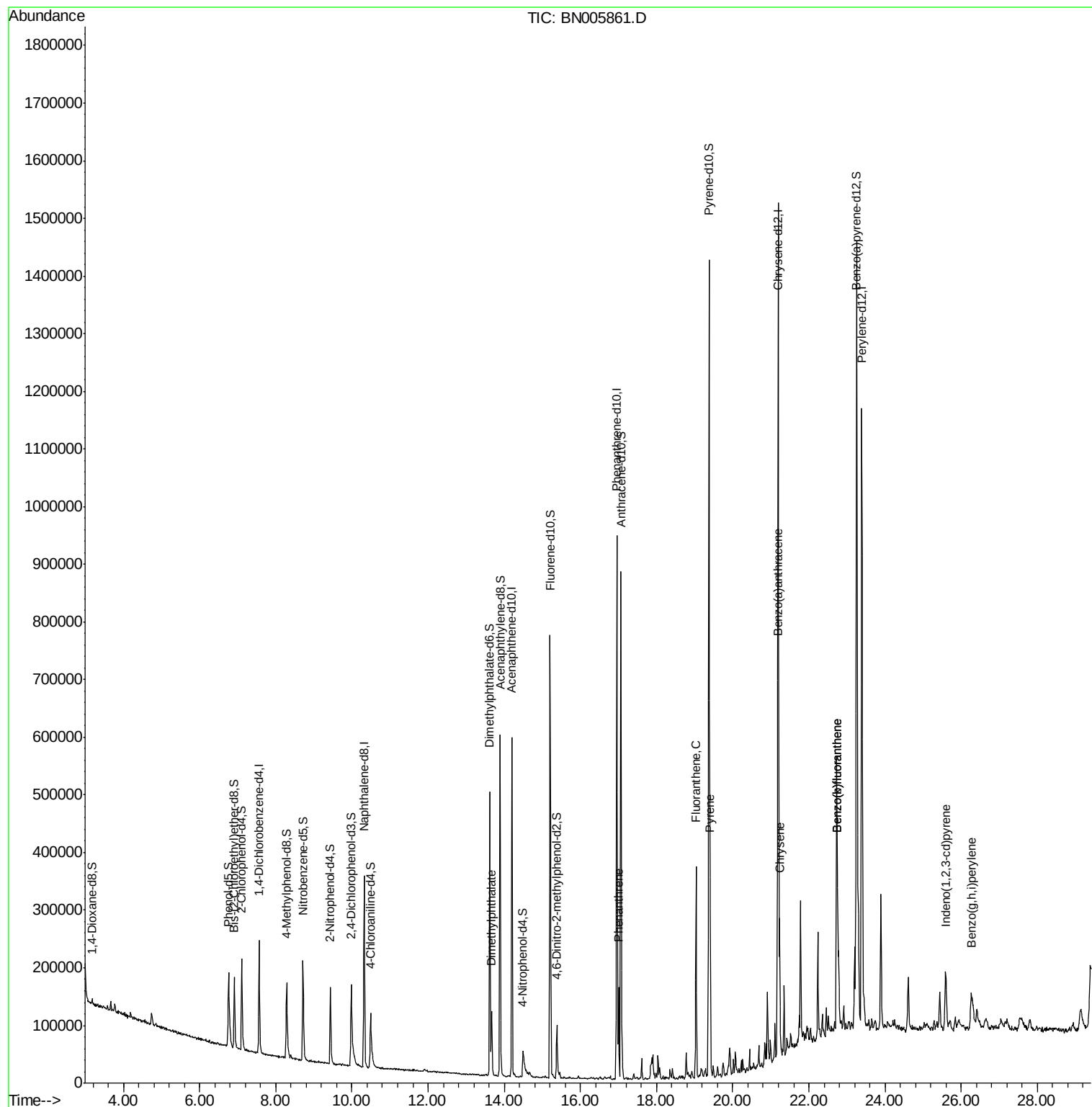
					Ovalue	
44) Dimethylphthalate	13.67	163	77391	5.066	ng/ul	99
69) Phenanthrene	17.00	178	101928	3.752	ng/ul	98
76) Fluoranthene	19.04	202	226489	6.743	ng/ul#	88
79) Pyrene	19.40	202	222007	5.256	ng/ul#	88
82) Benzo(a)anthracene	21.17	228	131120	3.026	ng/ul	98
84) Chrysene	21.23	228	138517	3.391	ng/ul	98
87) Benzo(b)fluoranthene	22.75	252	200835	4.320	ng/ul#	96
88) Benzo(k)fluoranthene	22.75	252	200835	4.464	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.59	276	96563	1.754	ng/ul#	92
93) Benzo(g,h,i)perylene	26.27	276	77353	1.681	ng/ul#	91

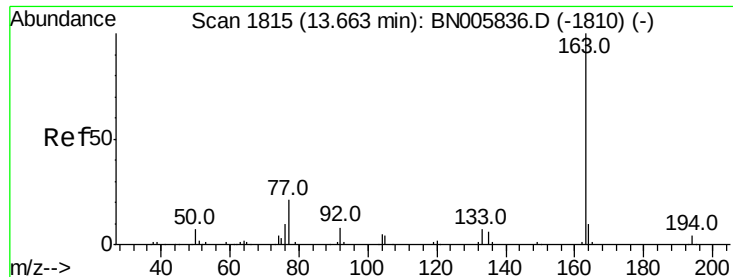
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.066 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BN005861.D

Acq: 22 May 2019 21:10

Instrument :

BNA_N

ClientSampleId :

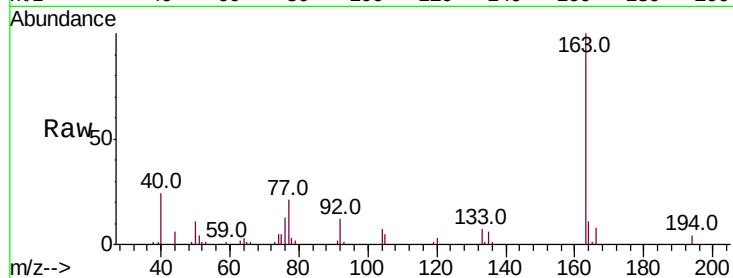
Tot Ion:163 Resp: 77391

Ion Ratio Lower Upper

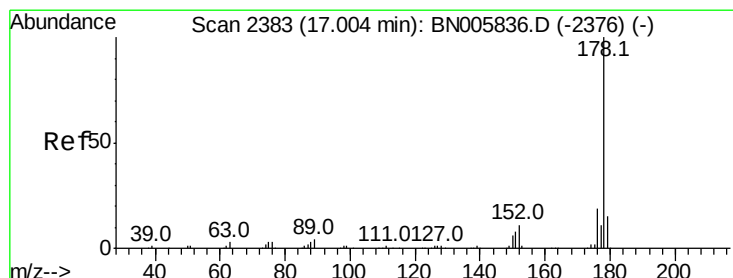
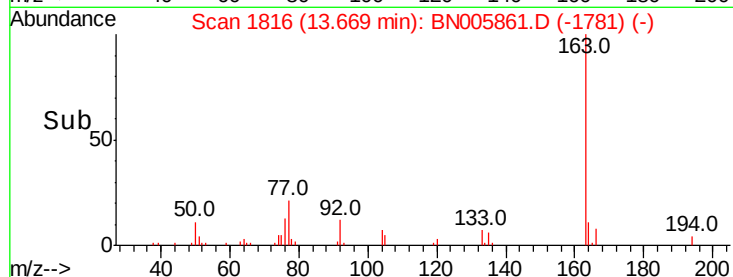
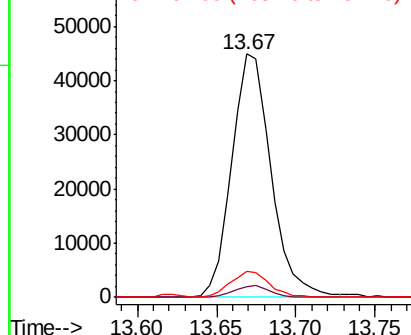
163 100

194 4.4 3.4 5.0

164 10.6 8.1 12.1



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: 3.752 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN005861.D

Acq: 22 May 2019 21:10

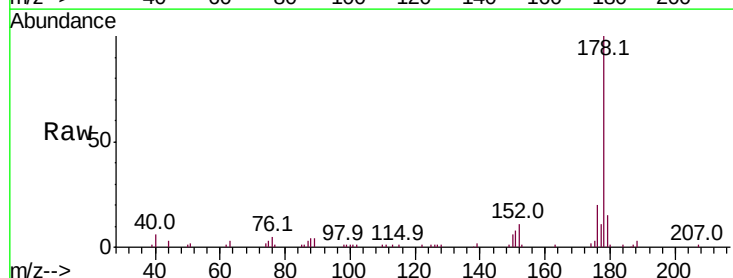
Tgt Ion:178 Resp: 101928

Ion Ratio Lower Upper

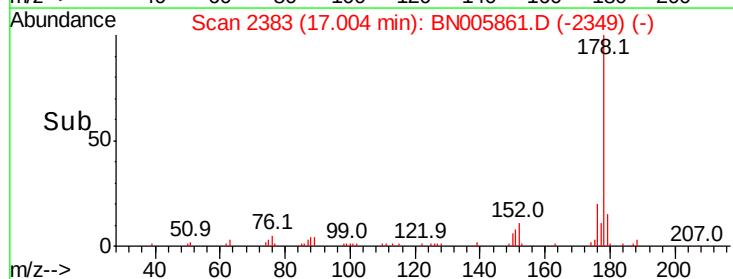
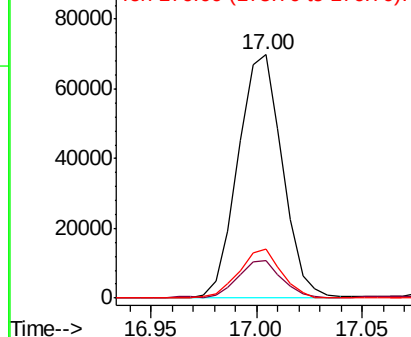
178 100

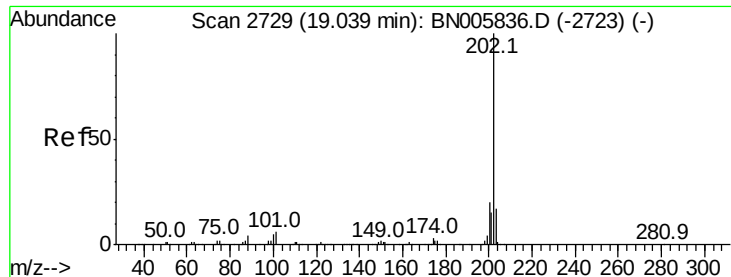
179 15.4 12.2 18.4

176 20.2 15.1 22.7



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: 6.743 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005861.D

Acq: 22 May 2019 21:10

Instrument :

BNA_N

ClientSampleId :

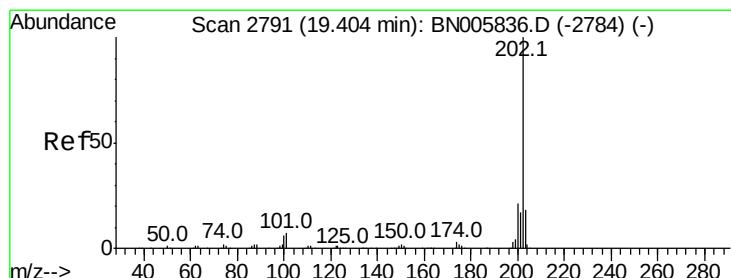
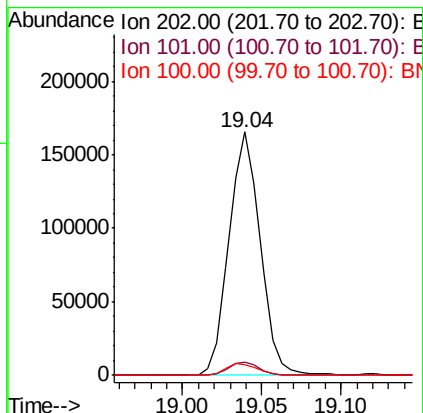
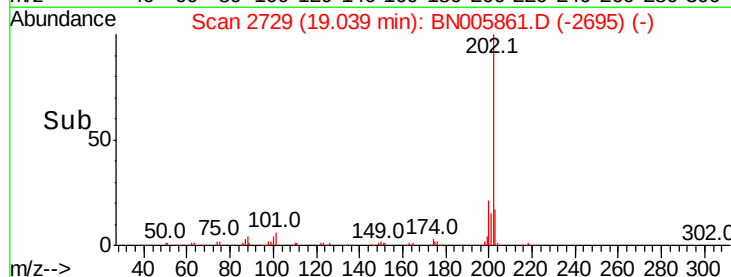
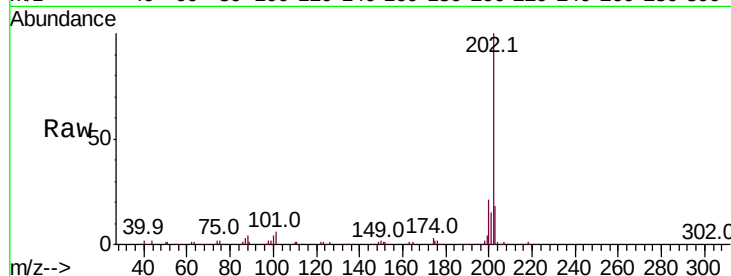
Tot Ion:202 Resp: 226489

Ion Ratio Lower Upper

202 100

101 5.6 8.6 12.8#

100 4.2 6.3 9.5#



#79

Pyrene

Concen: 5.256 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN005861.D

Acq: 22 May 2019 21:10

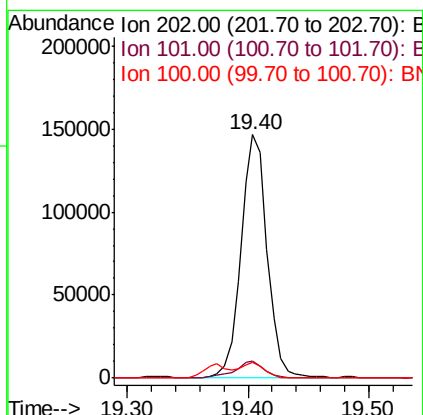
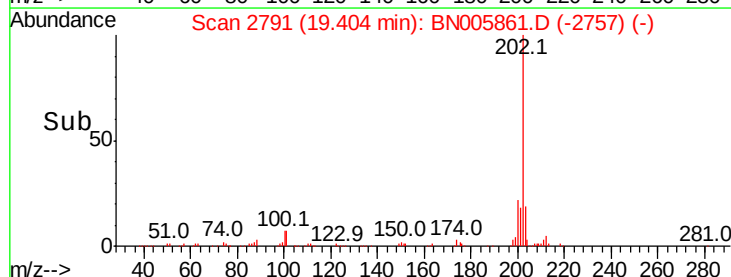
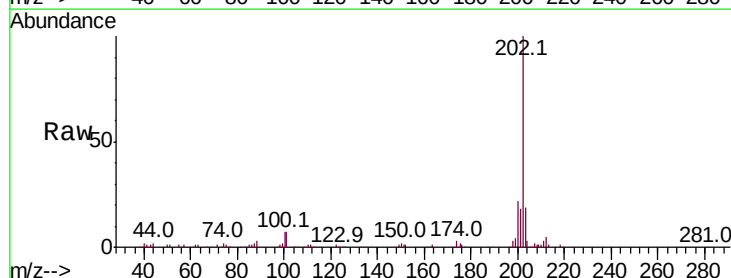
Tgt Ion:202 Resp: 222007

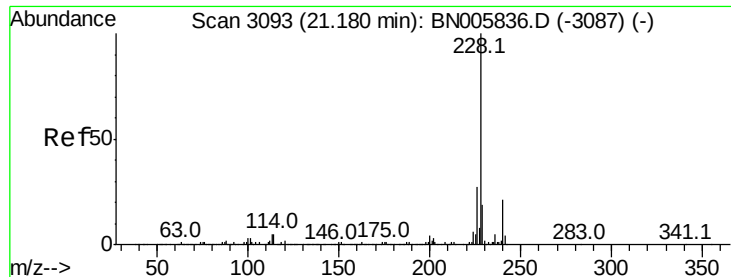
Ion Ratio Lower Upper

202 100

101 6.9 10.3 15.5#

100 6.6 7.9 11.9#

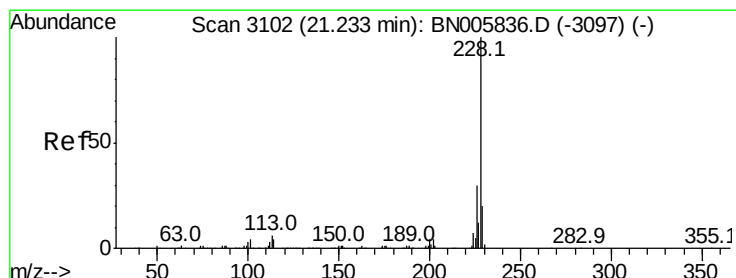
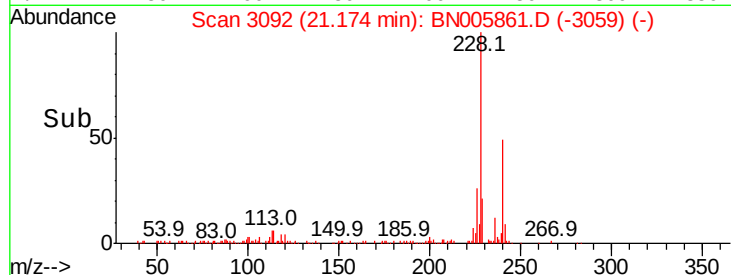
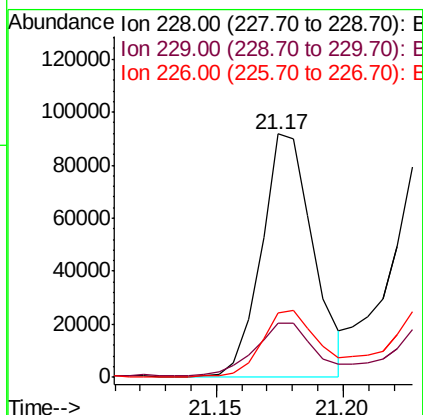
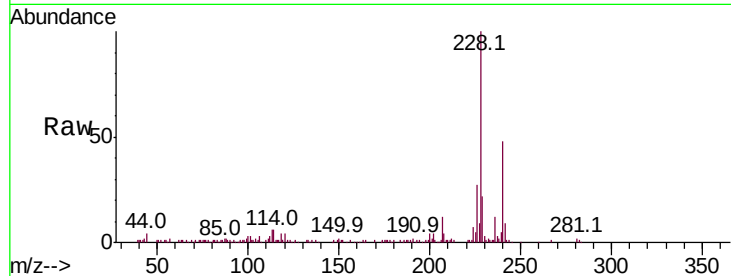




#82
Benzo(a)anthracene
Concen: 3.026 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN005861.D
Acq: 22 May 2019 21:10

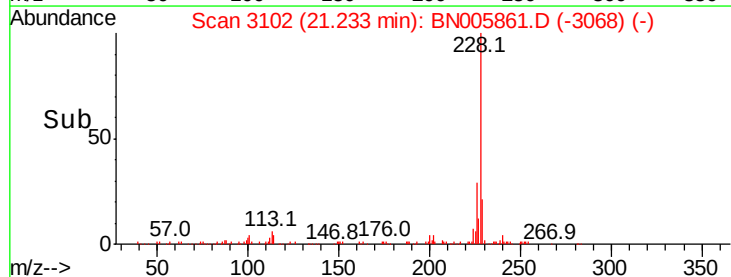
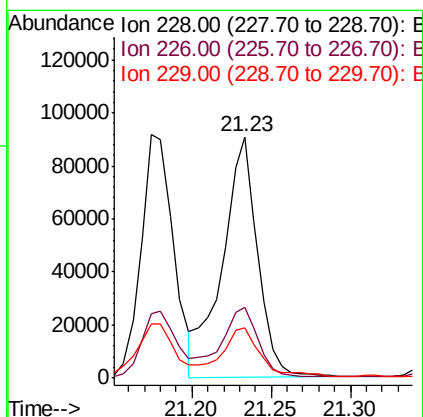
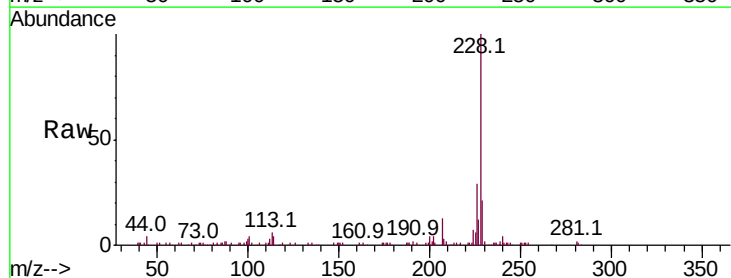
Instrument :
BNA_N
ClientSampleId :

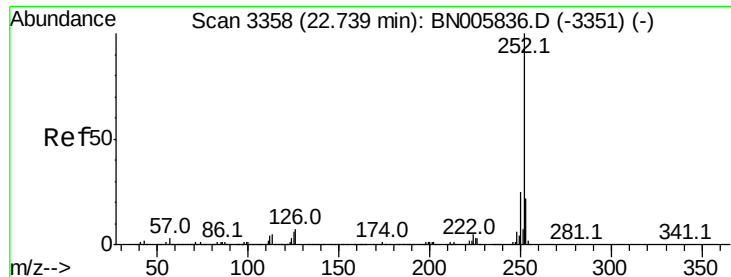
Tot Ion:228 Resp: 131120
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 26.7 21.4 32.2



#84
Chrysene
Concen: 3.391 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BN005861.D
Acq: 22 May 2019 21:10

Tgt Ion:228 Resp: 138517
Ion Ratio Lower Upper
228 100
226 29.4 24.0 36.0
229 21.0 15.4 23.0

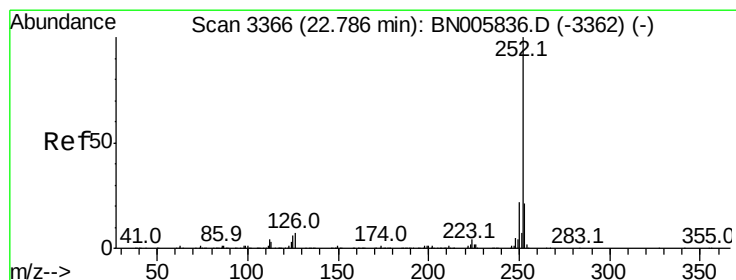
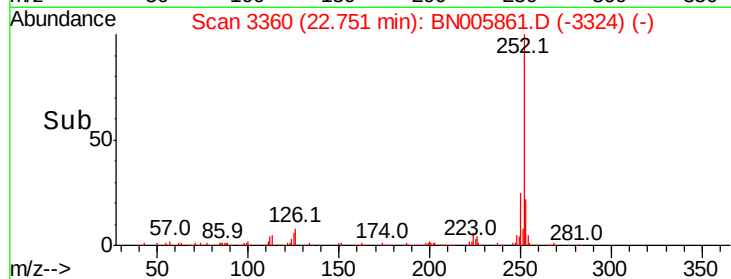
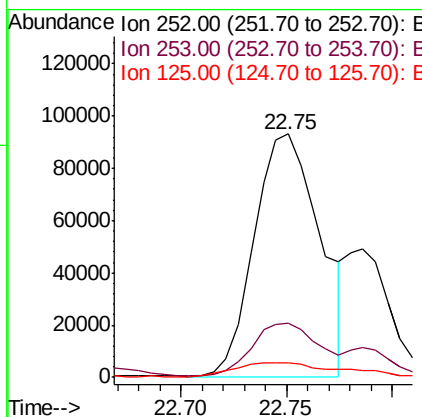
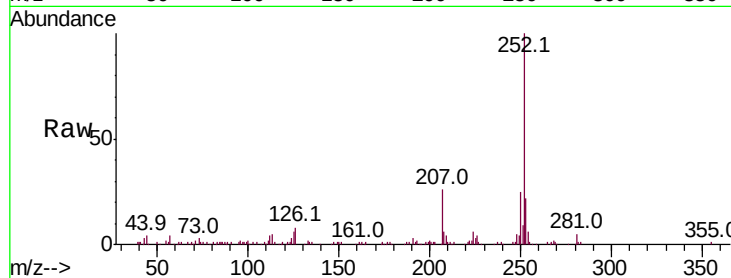




#87
Benzo(b)fluoranthene
Concen: 4.320 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BN005861.D
Acq: 22 May 2019 21:10

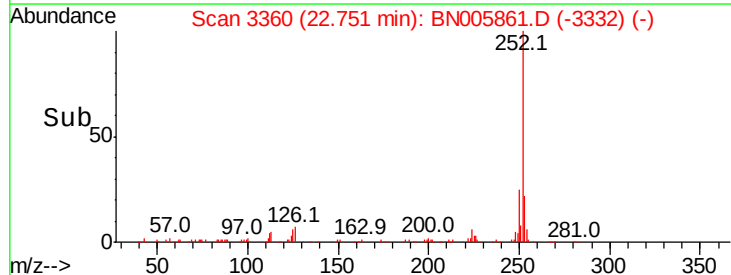
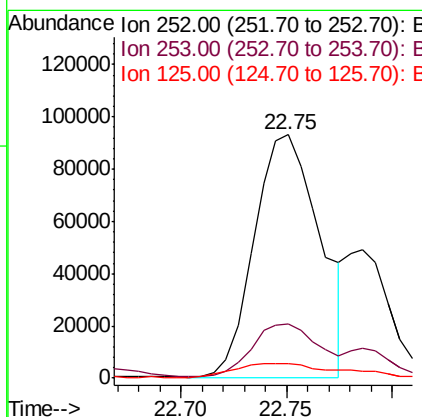
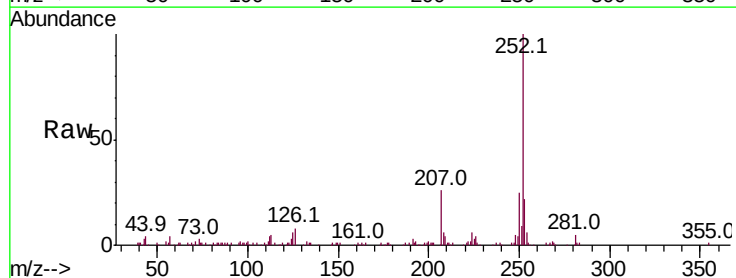
Instrument :
BNA_N
ClientSampleId :

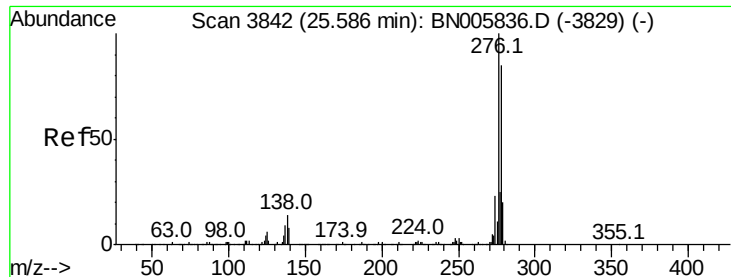
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	6.0	8.4	12.6#



#88
Benzo(k)fluoranthene
Concen: 4.464 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BN005861.D
Acq: 22 May 2019 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	6.0	7.5	11.3#



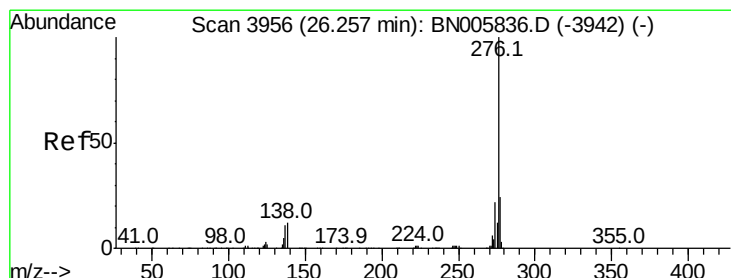
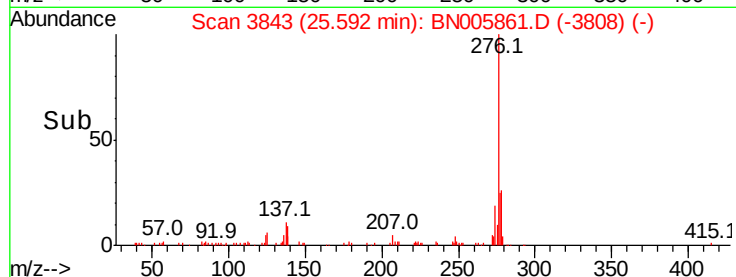
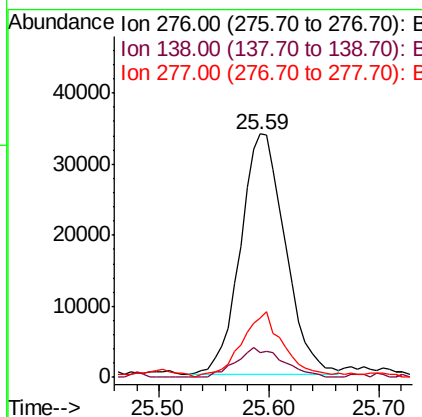
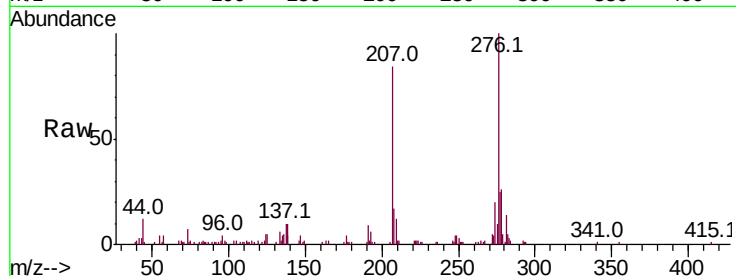


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.754 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.01 min
Lab File: BN005861.D
Acq: 22 May 2019 21:10

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	17.9	26.9#
277	24.6	19.7	29.5



#93

Benzo(g,h,i)perylene
Concen: 1.681 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. 0.01 min
Lab File: BN005861.D
Acq: 22 May 2019 21:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	16.7	25.1#
277	24.1	18.2	27.2

