

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005860.D
 Acq On : 22 May 2019 20:35
 Operator : JU/SJ
 Sample : k2925-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 01:16:10 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	63467	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	292996	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	212199	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	575431	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	726728	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	888634	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	2881	2.54	ng/uL	0.00
5) Phenol-d5	6.77	99	50264	10.25	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	32888	12.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	46968	11.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	40023	9.54	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	25369	11.93	ng/ul	0.01
22) 2-Nitrophenol-d4	9.43	143	26967	10.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	44458	9.48	ng/ul	0.03
29) 4-Chloroaniline-d4	10.50	131	53135	10.21	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	234557	14.37	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	257672	12.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	1946	0.85	ng/ul	0.06
57) Fluorene-d10	15.20	176	207077	14.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12731	3.68	ng/ul	0.02
70) Anthracene-d10	17.06	188	352894	14.20	ng/ul	0.00
78) Pyrene-d10	19.37	212	446920	12.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	543286	13.63	ng/ul	0.00

Target Compounds

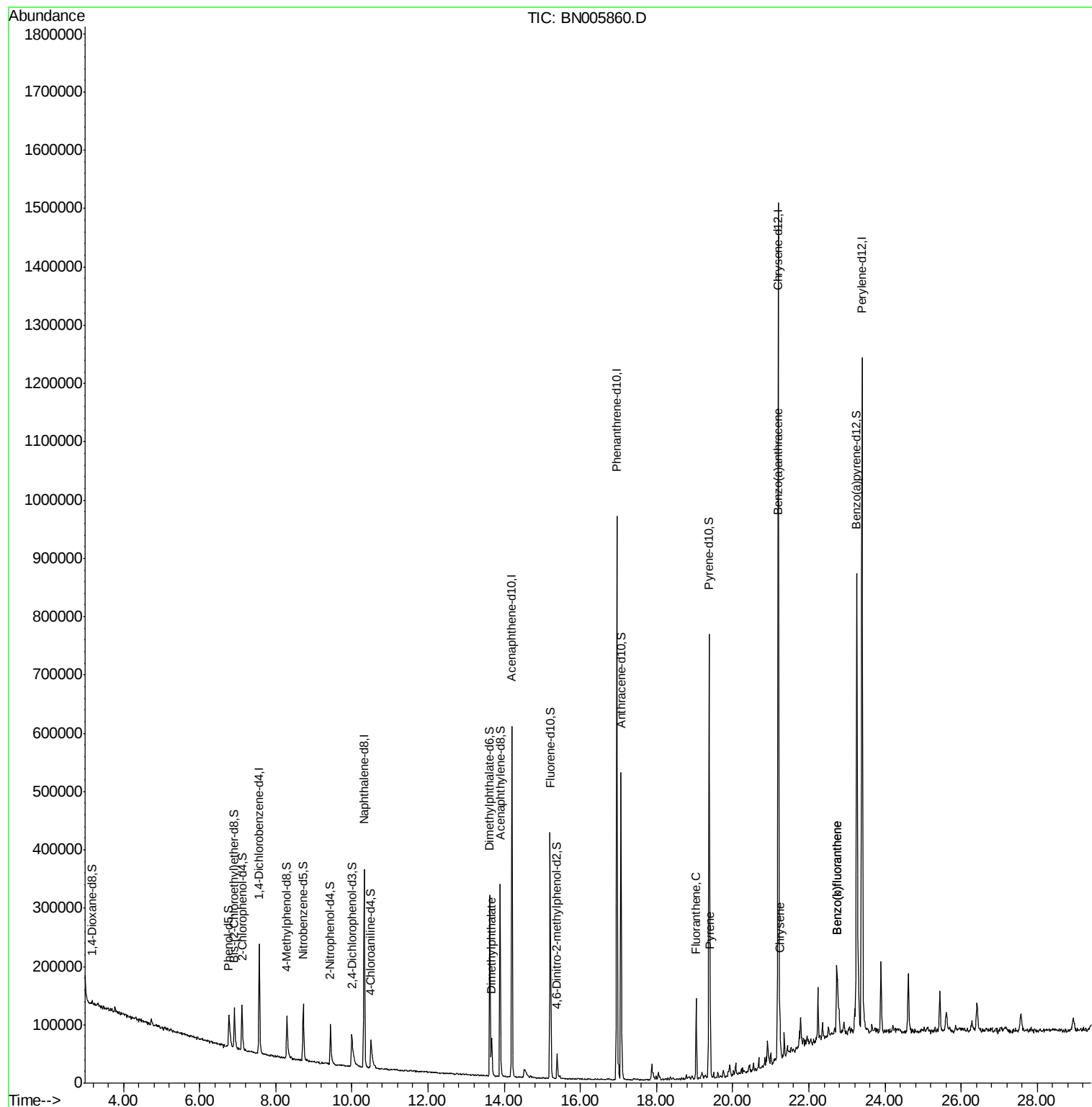
					Ovalue	
44) Dimethylphthalate	13.68	163	49837	3.096	ng/ul	99
76) Fluoranthene	19.04	202	92519	2.624	ng/ul#	86
79) Pyrene	19.41	202	88558	1.984	ng/ul#	88
82) Benzo(a)anthracene	21.18	228	66371	1.450	ng/ul	96
84) Chrysene	21.24	228	54791	1.269	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	73349	1.500	ng/ul#	95
88) Benzo(k)fluoranthene	22.75	252	73349	1.551	ng/ul#	96

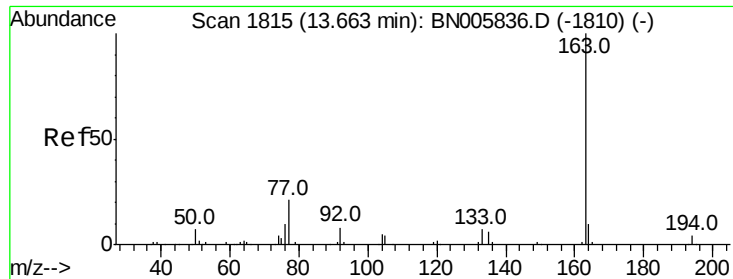
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.096 ng/ul

RT: 13.68 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BN005860.D

Acq: 22 May 2019 20:35

Instrument :

BNA_N

ClientSampleId :

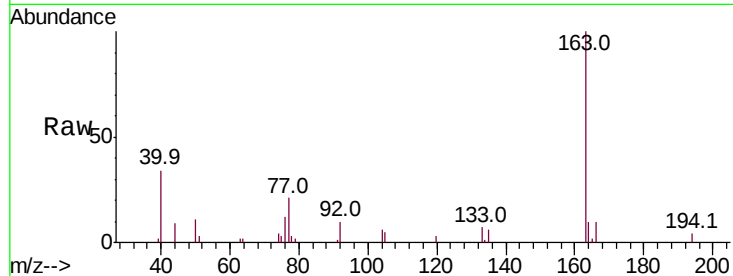
Tot Ion:163 Resp: 49837

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

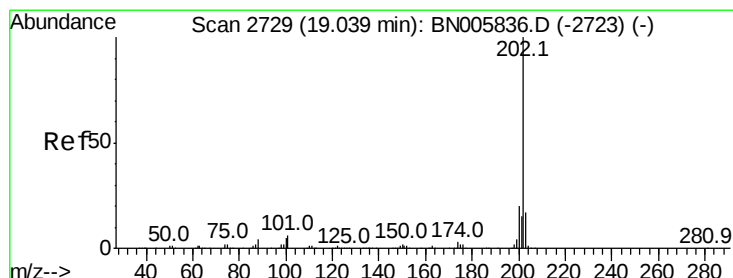
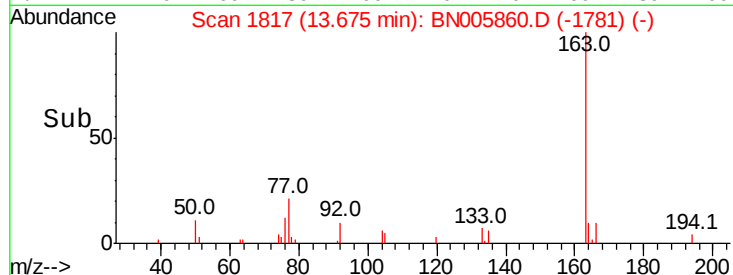
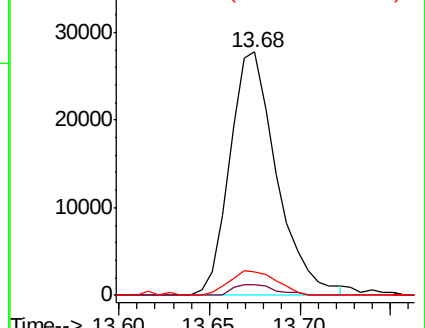
164 9.5 8.1 12.1



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



#76

Fluoranthene

Concen: 2.624 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BN005860.D

Acq: 22 May 2019 20:35

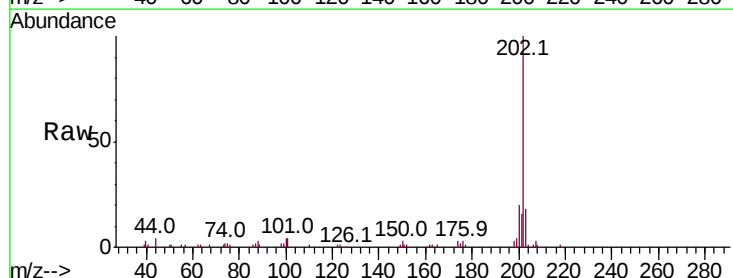
Tgt Ion:202 Resp: 92519

Ion Ratio Lower Upper

202 100

101 4.4 8.6 12.8#

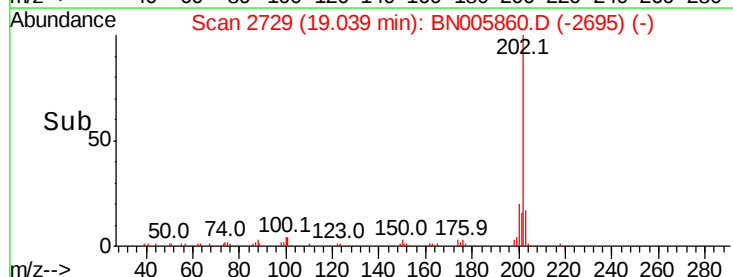
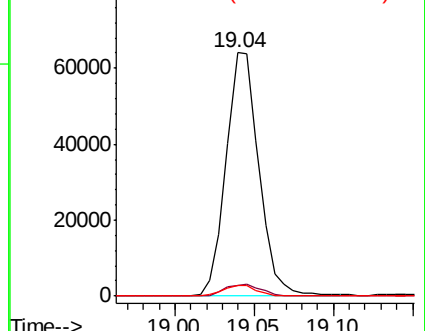
100 4.2 6.3 9.5#

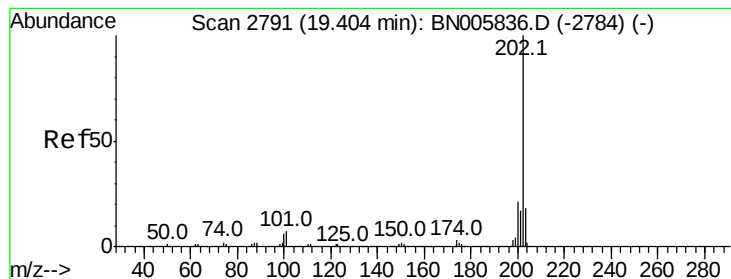


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 1.984 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BN005860.D

Acq: 22 May 2019 20:35

Instrument :

BNA_N

ClientSampleId :

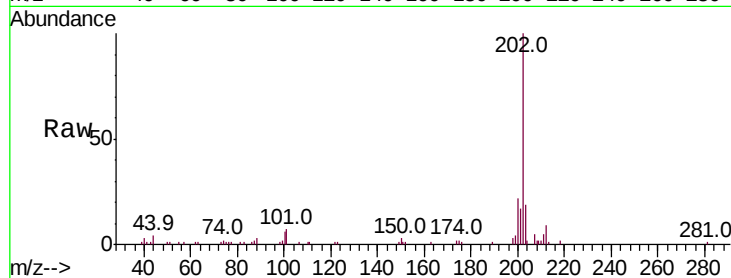
Tot Ion:202 Resp: 88558

Ion Ratio Lower Upper

202 100

101 7.4 10.3 15.5#

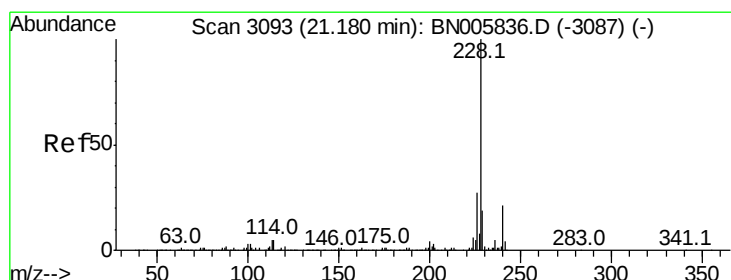
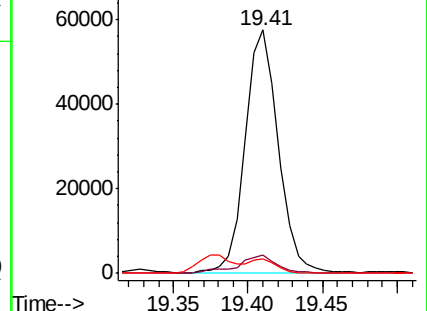
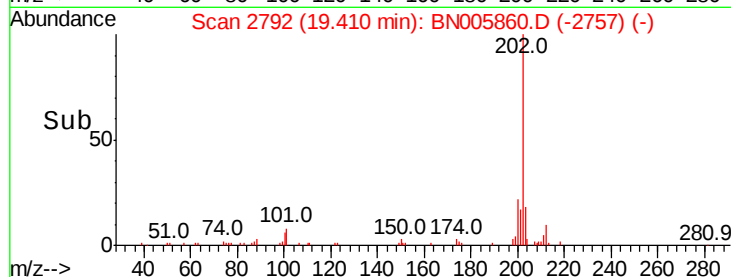
100 5.9 7.9 11.9#



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: 1.450 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BN005860.D

Acq: 22 May 2019 20:35

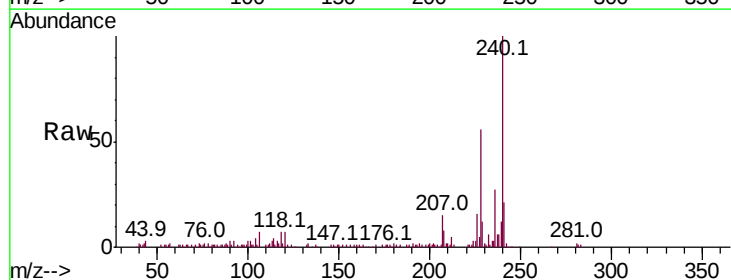
Tgt Ion:228 Resp: 66371

Ion Ratio Lower Upper

228 100

229 21.4 15.8 23.6

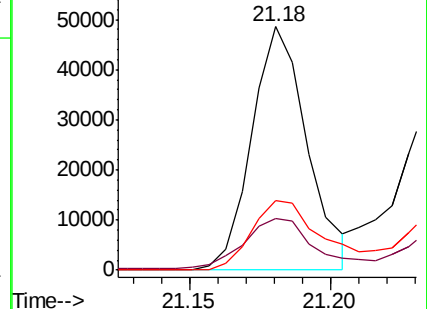
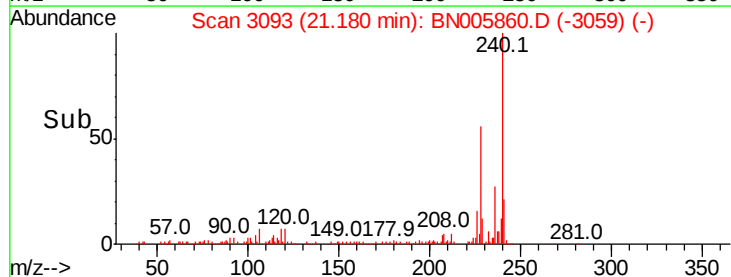
226 28.5 21.4 32.2

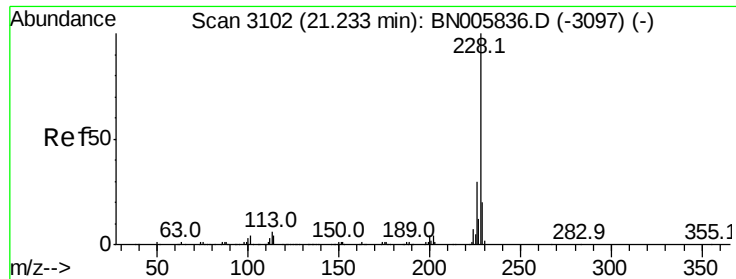


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.269 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BN005860.D

Acq: 22 May 2019 20:35

Instrument :

BNA_N

ClientSampleId :

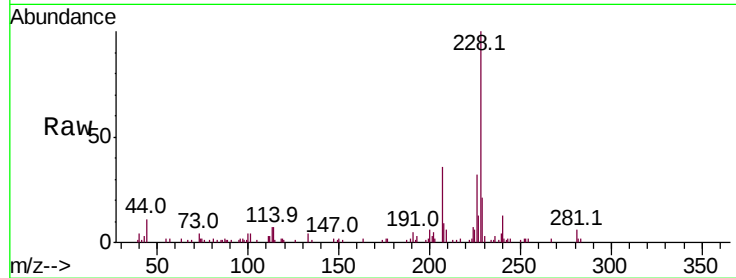
Tot Ion:228 Resp: 54791

Ion Ratio Lower Upper

228 100

226 31.6 24.0 36.0

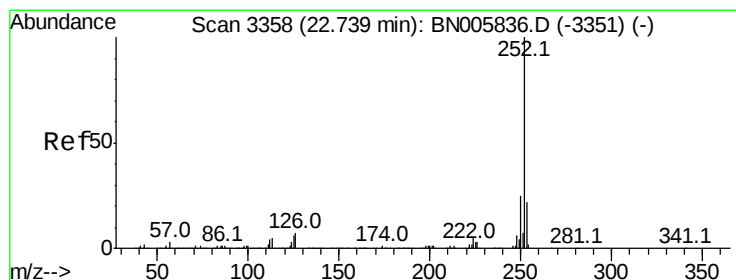
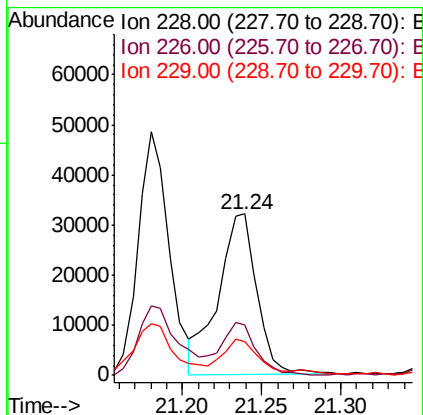
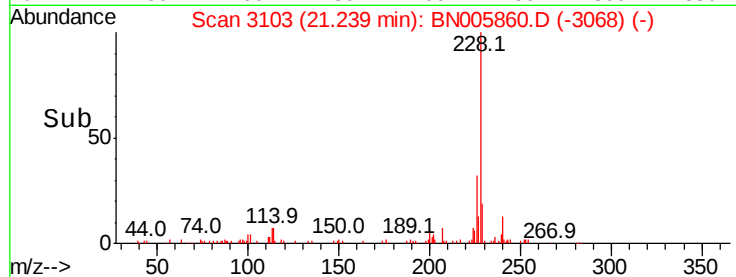
229 20.6 15.4 23.0



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: 1.500 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BN005860.D

Acq: 22 May 2019 20:35

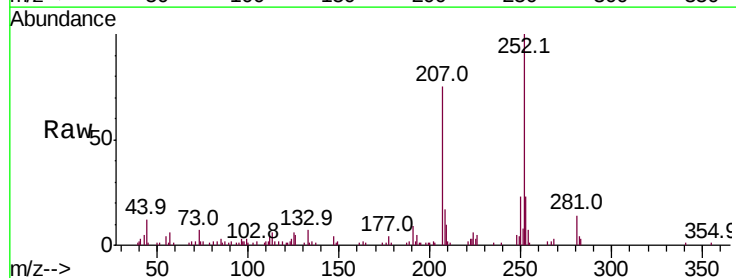
Tgt Ion:252 Resp: 73349

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

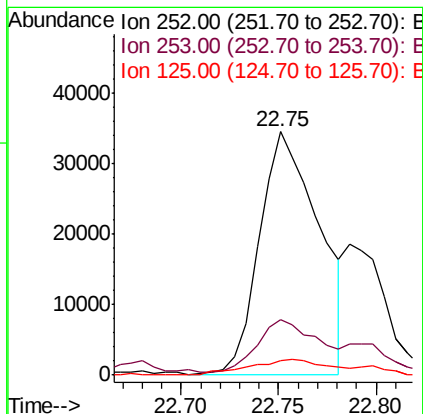
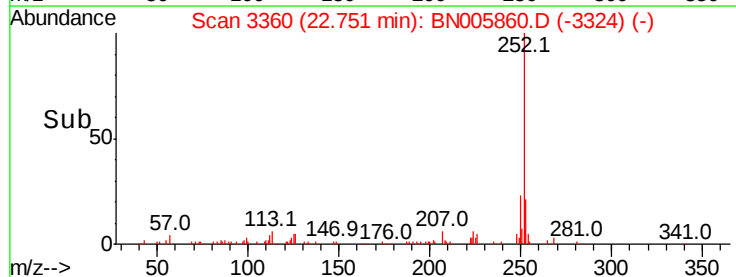
125 6.1 8.4 12.6#

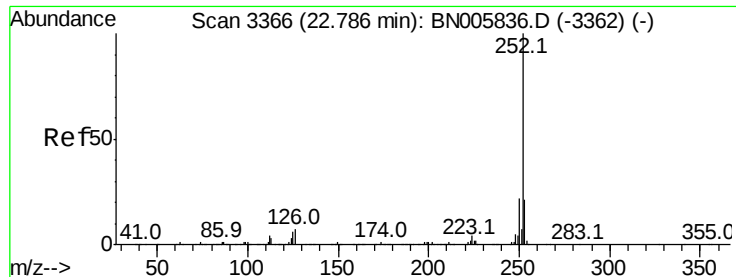


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.551 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BN005860.D

Acq: 22 May 2019 20:35

Instrument :

BNA_N

ClientSampleId :

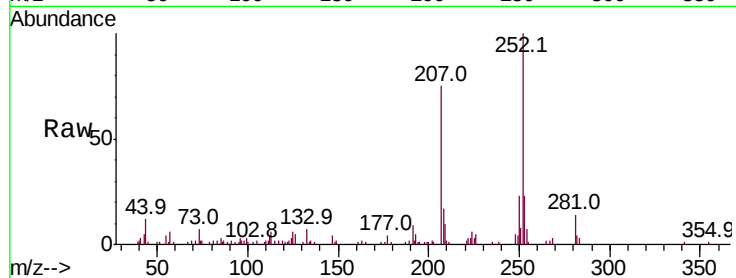
Tot Ion:252 Resp: 73349

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 6.1 7.5 11.3#



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

