

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
 Data File : BN006451.D
 Acq On : 21 Jun 2019 05:12
 Operator : JU/SJ
 Sample : K3360-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y6

Quant Time: Jun 21 06:34:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 06:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	242132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1145762	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	693502	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1583041	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1525279	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1554024	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	30994	5.00	ng/uL	0.00
5) Phenol-d5	6.80	99	590811	22.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	405395	25.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	454607	23.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	442191	21.62	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	229584	25.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	250990	25.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	452127	23.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	540984	24.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1562577	25.71	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1873867	25.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	186627	17.97	ng/ul	0.00
57) Fluorene-d10	15.28	176	1380585	26.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	180958	18.06	ng/ul	0.00
70) Anthracene-d10	17.13	188	2082937	26.14	ng/ul	0.00
78) Pyrene-d10	19.45	212	2355057	26.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	2296087	26.16	ng/ul	0.00

Target Compounds

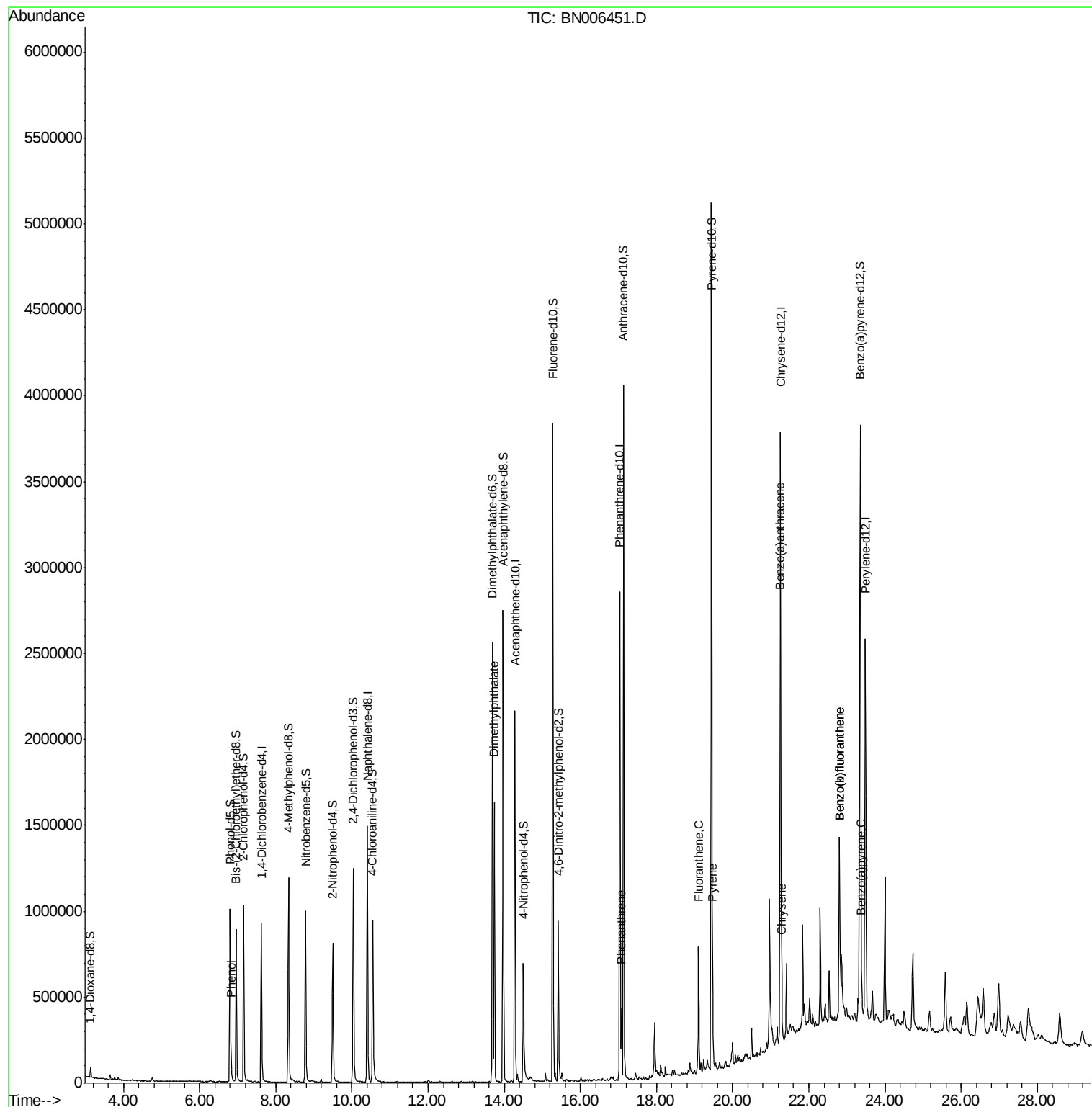
					Qvalue
6) Phenol	6.83	94	36027	1.449 ng/ul	94
44) Dimethylphthalate	13.74	163	933700	16.663 ng/ul	99
69) Phenanthrene	17.07	178	231568	2.652 ng/ul	100
76) Fluoranthene	19.10	202	401510	4.267 ng/ul	99
79) Pyrene	19.47	202	340496	3.279 ng/ul	100
82) Benzo(a)anthracene	21.24	228	176971	1.697 ng/ul	97
84) Chrysene	21.29	228	190579	1.921 ng/ul	98
87) Benzo(b)fluoranthene	22.82	252	203715	2.184 ng/ul#	94
88) Benzo(k)fluoranthene	22.82	252	203715	2.285 ng/ul#	94
90) Benzo(a)pyrene	23.39	252	132597	1.483 ng/ul	97

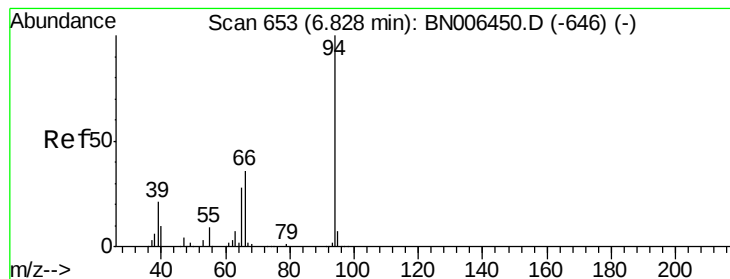
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.449 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BN006451.D

Acq: 21 Jun 2019 05:12

Instrument :

BNA_N

ClientSampleId :

A41Y6

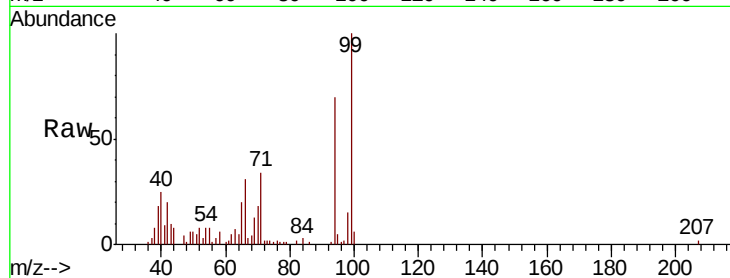
Tgt Ion: 94 Resp: 36027

Ion Ratio Lower Upper

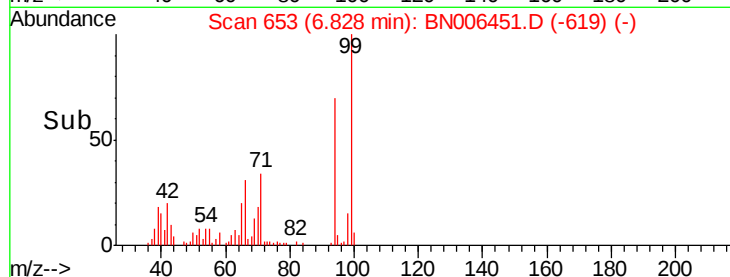
94 100

65 28.1 22.5 33.7

66 43.4 29.5 44.3



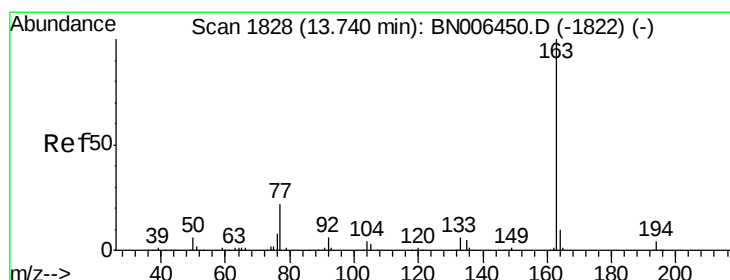
Abundance Ion 94.00 (93.70 to 94.70): BN006451.D (-619) (-)



Ion 65.00 (64.70 to 65.70): BN006451.D (-619) (-)

Ion 66.00 (65.70 to 66.70): BN006451.D (-619) (-)

Time--> 6.75 6.80 6.85 6.90



#44

Dimethylphthalate

Concen: 16.663 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BN006451.D

Acq: 21 Jun 2019 05:12

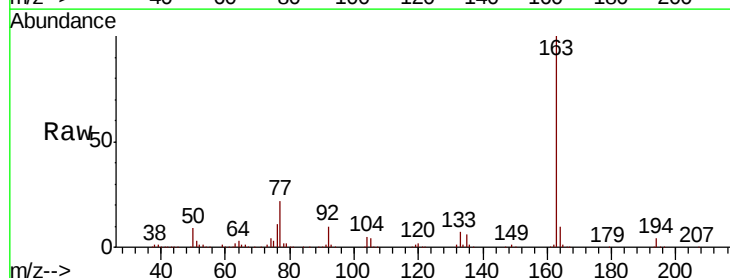
Tgt Ion: 163 Resp: 933700

Ion Ratio Lower Upper

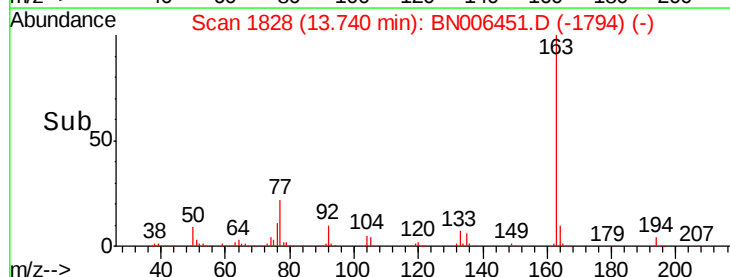
163 100

194 4.0 3.4 5.0

164 10.2 8.0 12.0



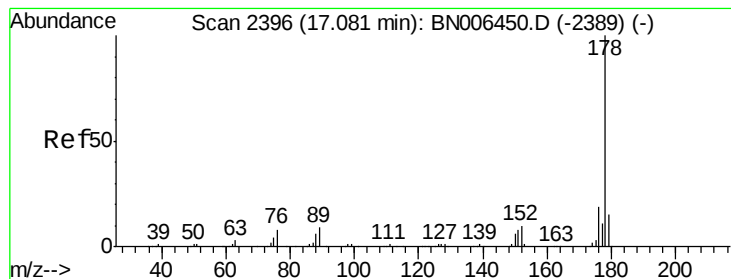
Abundance Ion 163.00 (162.70 to 163.70): BN006451.D (-1794) (-)



Ion 194.00 (193.70 to 194.70): BN006451.D (-1794) (-)

Ion 164.00 (163.70 to 164.70): BN006451.D (-1794) (-)

Time--> 13.70 13.80



#69

Phenanthrene

Concen: 2.652 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN006451.D

Acq: 21 Jun 2019 05:12

Instrument :

BNA_N

ClientSampleId :

A41Y6

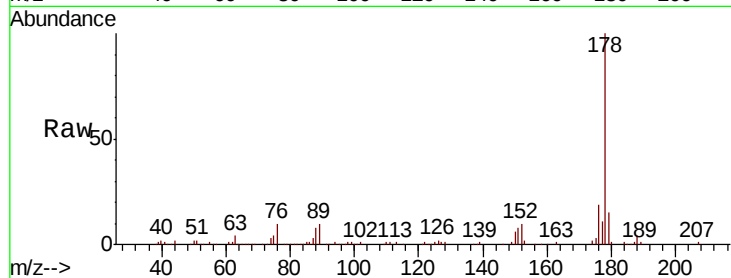
Tgt Ion:178 Resp: 231568

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

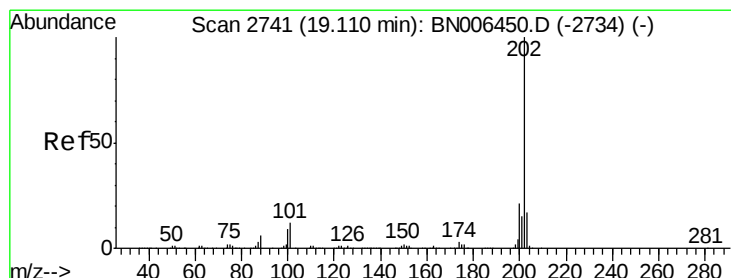
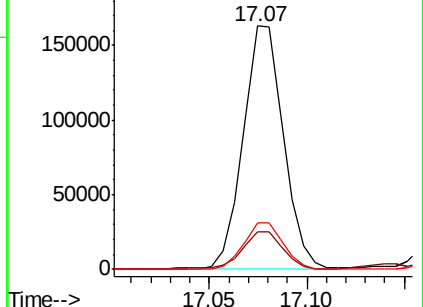
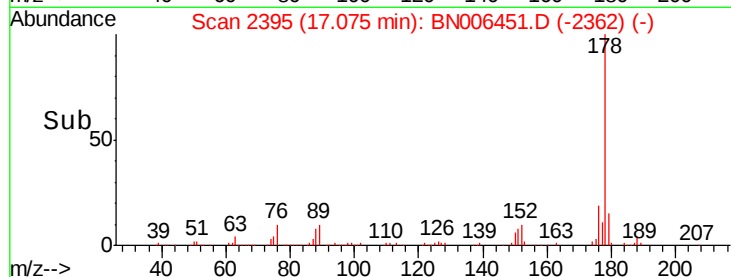
176 19.3 15.3 22.9



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: 4.267 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BN006451.D

Acq: 21 Jun 2019 05:12

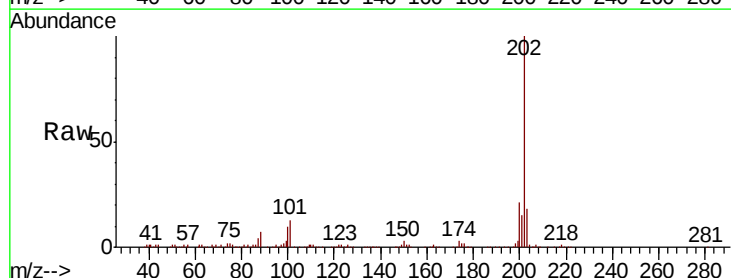
Tgt Ion:202 Resp: 401510

Ion Ratio Lower Upper

202 100

101 12.6 10.5 15.7

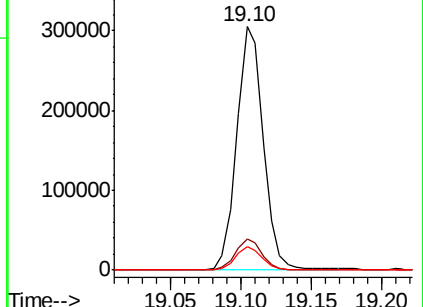
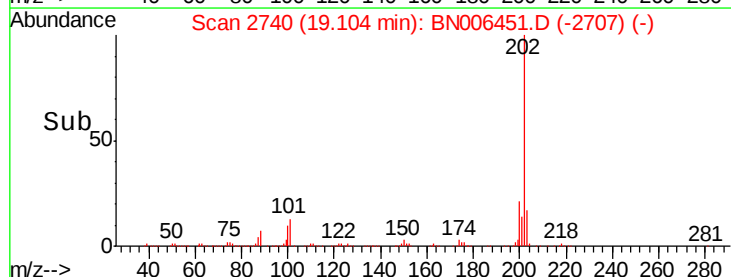
100 9.7 7.6 11.4

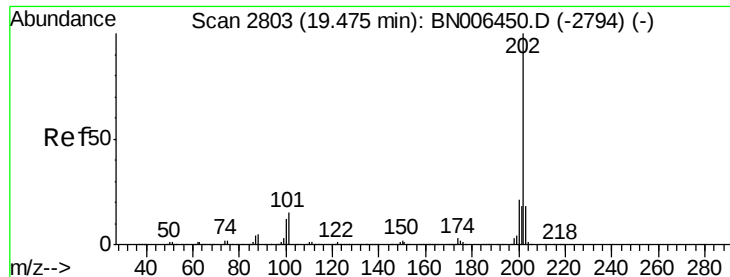


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 3.279 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN006451.D

Acq: 21 Jun 2019 05:12

Instrument :

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ClientSampleId :

A41Y6

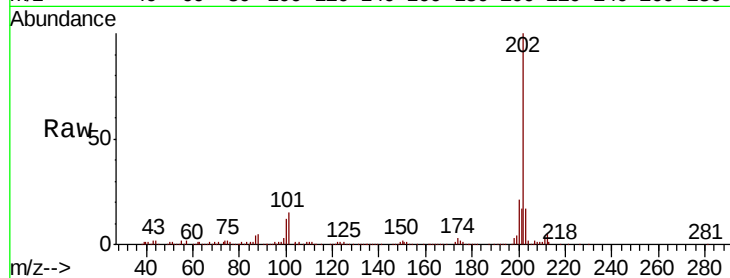
Tgt Ion:202 Resp: 340496

Ion Ratio Lower Upper

202 100

101 15.4 12.2 18.4

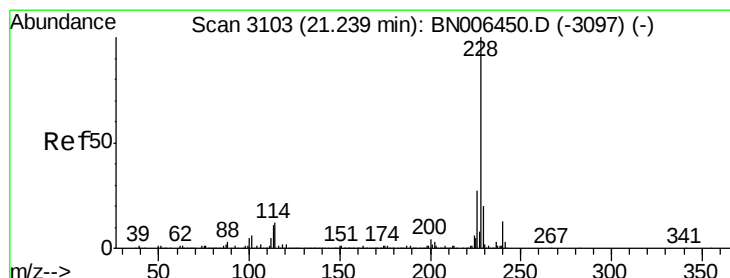
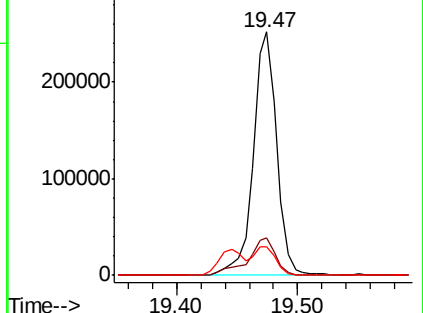
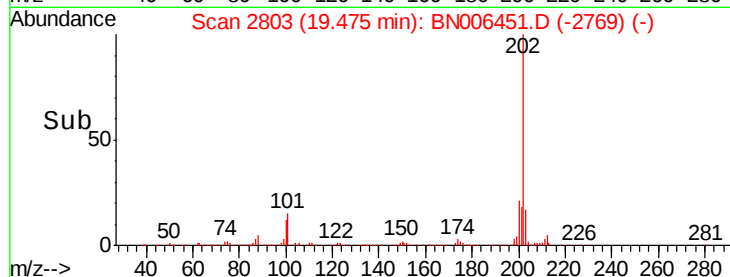
100 12.0 9.8 14.6



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: 1.697 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BN006451.D

Acq: 21 Jun 2019 05:12

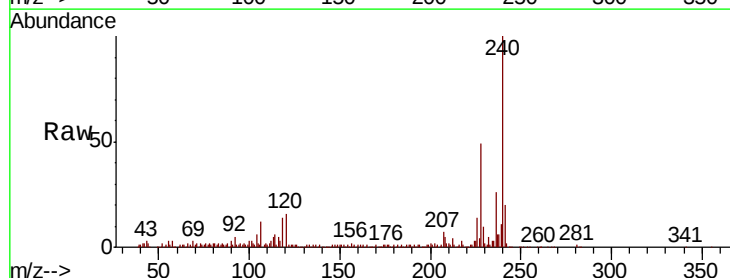
Tgt Ion:228 Resp: 176971

Ion Ratio Lower Upper

228 100

229 21.1 15.6 23.4

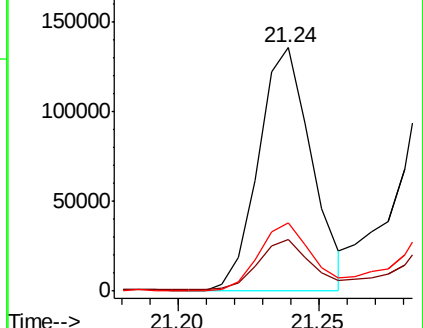
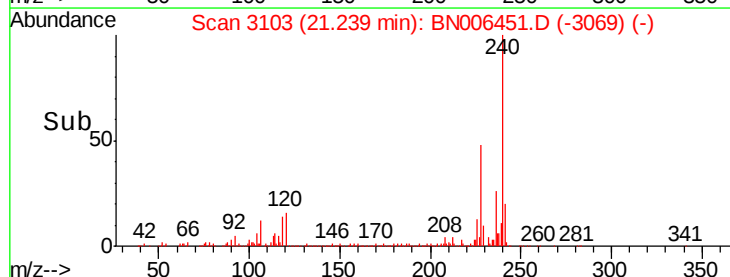
226 27.9 21.5 32.3

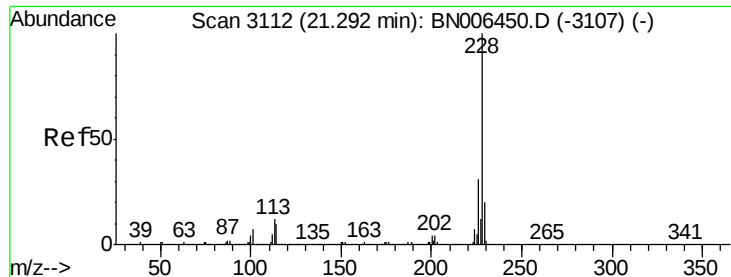


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.921 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BN006451.D

Acq: 21 Jun 2019 05:12

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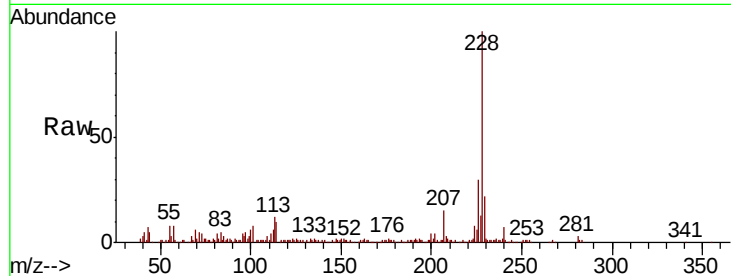
Tgt Ion:228 Resp: 190579

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

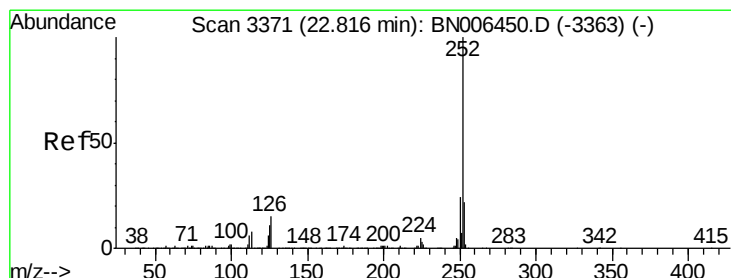
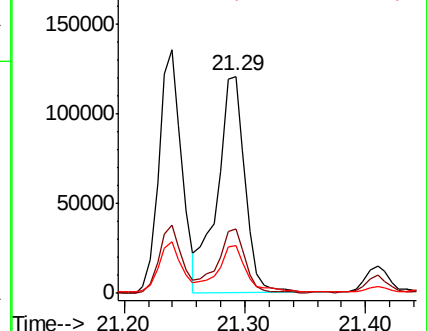
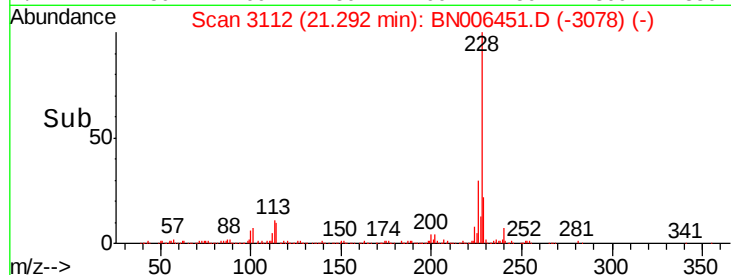
229 21.8 15.9 23.9



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: 2.184 ng/ul

RT: 22.82 min Scan# 3371

Delta R.T. 0.00 min

Lab File: BN006451.D

Acq: 21 Jun 2019 05:12

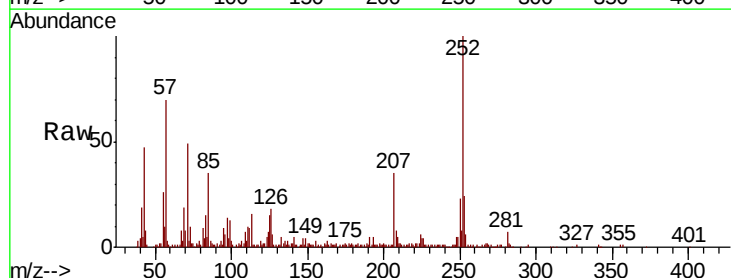
Tgt Ion:252 Resp: 203715

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

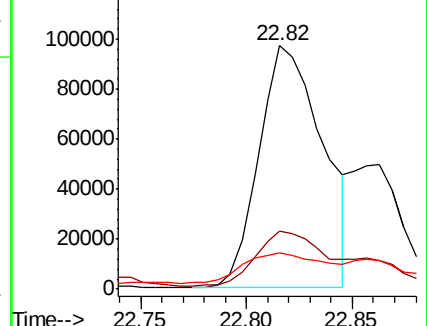
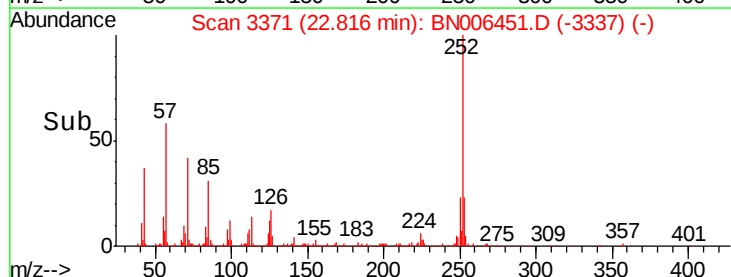
125 14.8 9.0 13.6#

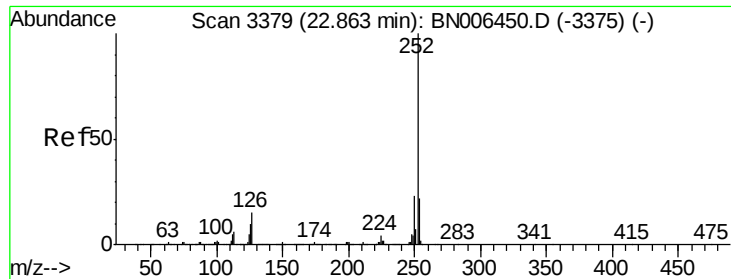


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.285 ng/ul

RT: 22.82 min Scan# 3371

Delta R.T. -0.05 min

Lab File: BN006451.D

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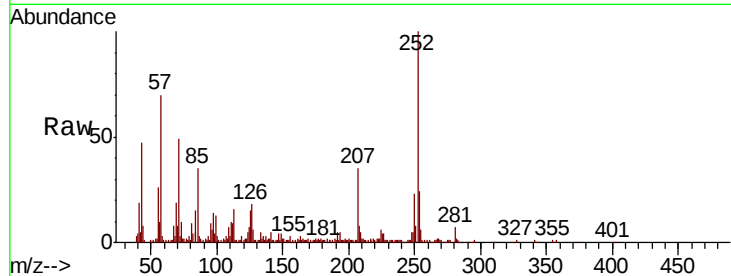
Tgt Ion:252 Resp: 203715

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

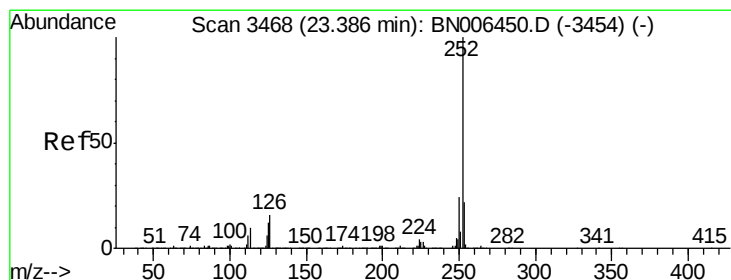
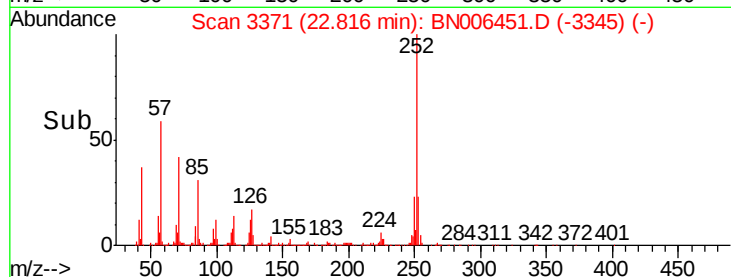
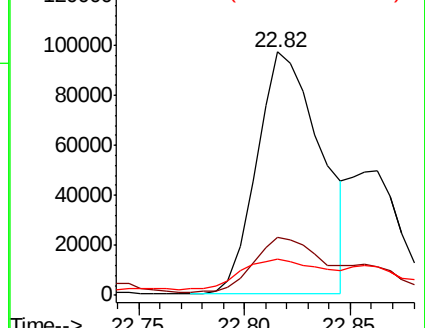
125 14.8 9.1 13.7#



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: 1.483 ng/ul

RT: 23.39 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BN006451.D

Acq: 21 Jun 2019 05:12

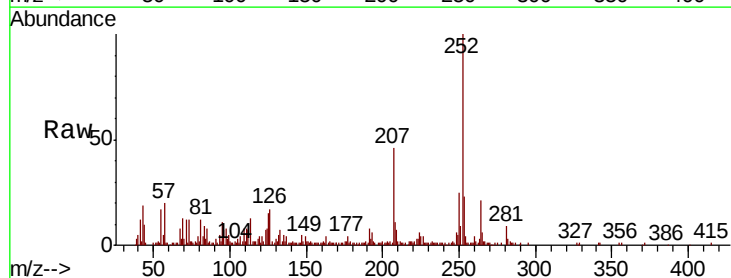
Tgt Ion:252 Resp: 132597

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 14.9 10.0 15.0



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

