

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
 Data File : BN006592.D
 Acq On : 26 Jun 2019 23:22
 Operator : HP/JU
 Sample : K3498-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB7

Quant Time: Jun 27 04:00:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 02:30:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	184812	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	910369	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	560522	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1264055	20.00	ng/ul	-0.01
77) Chrysene-d12	21.25	240	1220752	20.00	ng/ul	-0.02
85) Perylene-d12	23.47	264	1274325	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	19778	4.18	ng/uL	-0.01
5) Phenol-d5	6.80	99	389443	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	265620	21.80	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.15	132	300847	20.73	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	270282	17.31	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	166658	22.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	188008	23.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	323742	21.22	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	415729	23.69	ng/ul	-0.01
43) Dimethylphthalate-d6	13.69	166	1185901	24.14	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1377140	22.87	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.51	143	147211	17.54	ng/ul	0.00
57) Fluorene-d10	15.27	176	1025089	24.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	137213	17.15	ng/ul	0.00
70) Anthracene-d10	17.13	188	1590935	25.00	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1781421	24.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1752032	24.34	ng/ul	-0.02

Target Compounds

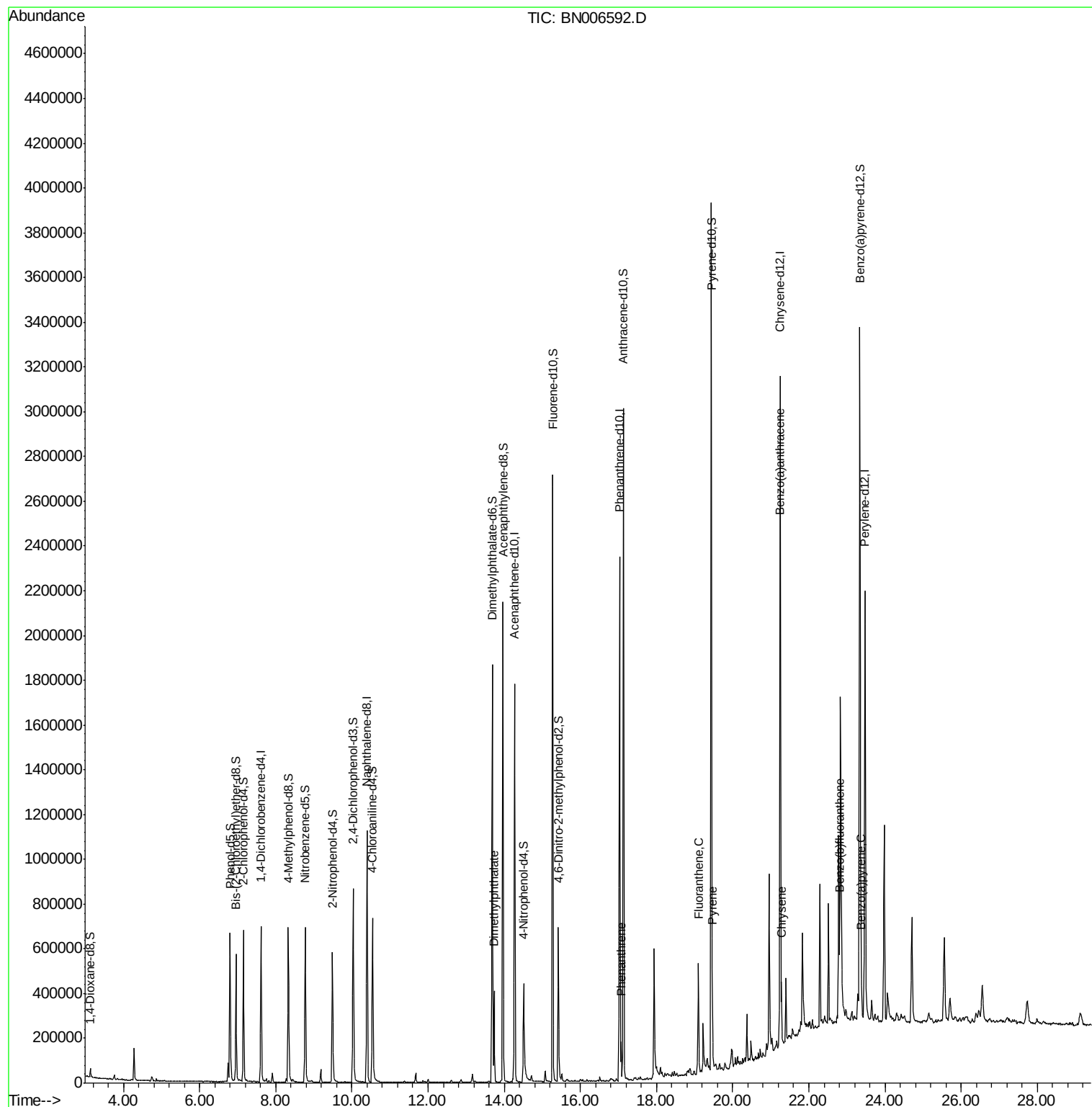
					Ovalue
44) Dimethylphthalate	13.73	163	245763	5.427	ng/ul 99
69) Phenanthrene	17.07	178	81868	1.174	ng/ul 99
76) Fluoranthene	19.10	202	266454	3.546	ng/ul 99
79) Pyrene	19.47	202	232386	2.796	ng/ul 98
82) Benzo(a)anthracene	21.23	228	127929	1.533	ng/ul 98
84) Chrysene	21.28	228	141706	1.784	ng/ul 97
87) Benzo(b)fluoranthene	22.81	252	180947	2.366	ng/ul# 95
90) Benzo(a)pyrene	23.38	252	112453	1.533	ng/ul 99

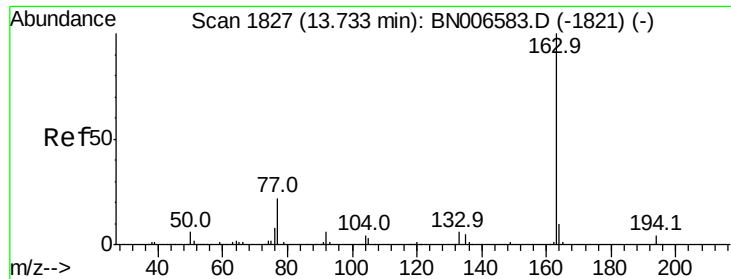
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 5.427 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN006592.D

Acq: 26 Jun 2019 23:22

Instrument :

BNA_N

ClientSampleId :

C5AB7

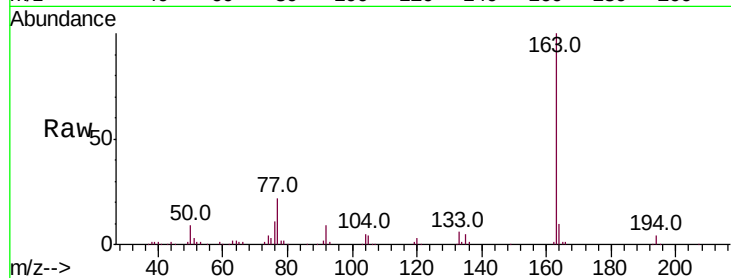
Tot Ion:163 Resp: 245763

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

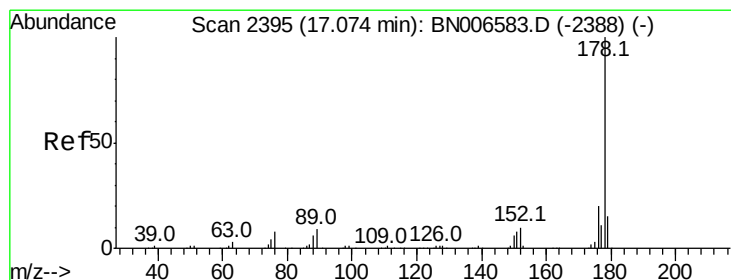
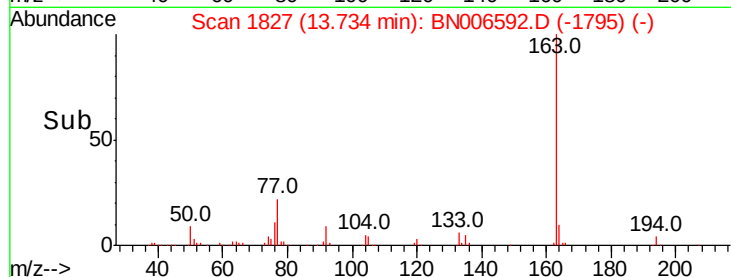
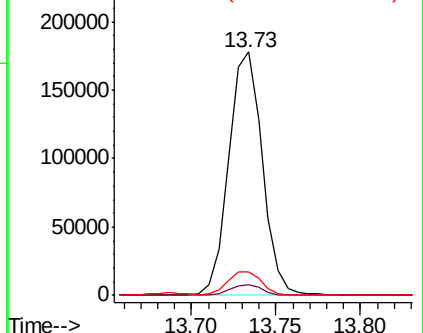
164 9.5 8.0 12.0



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: 1.174 ng/ul

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN006592.D

Acq: 26 Jun 2019 23:22

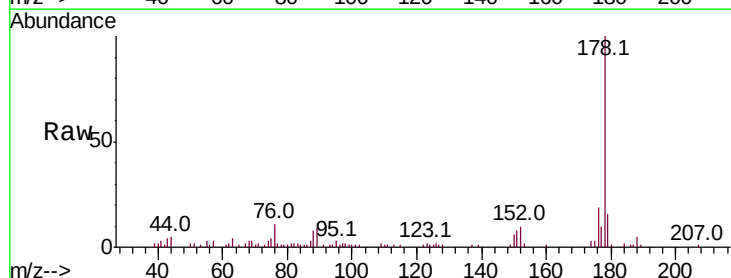
Tgt Ion:178 Resp: 81868

Ion Ratio Lower Upper

178 100

179 16.1 12.5 18.7

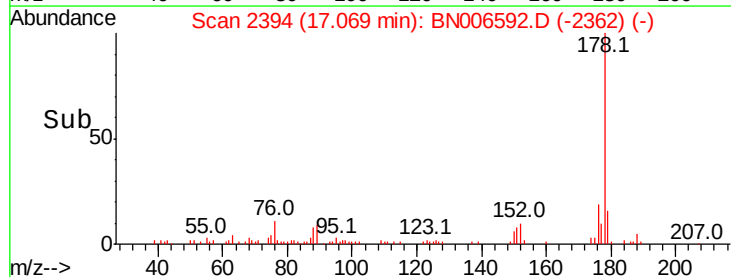
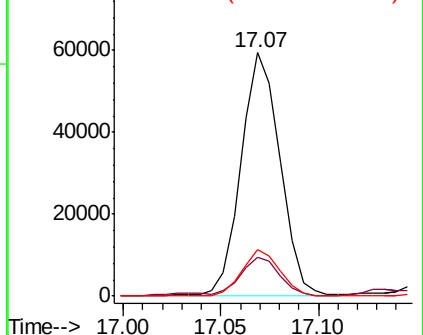
176 18.9 15.3 22.9

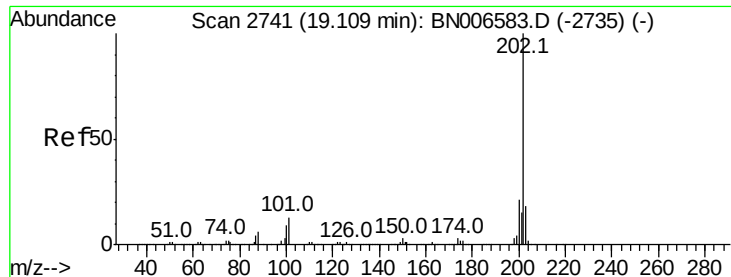


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 3.546 ng/ul

RT: 19.10 min Scan# 2739

Delta R.T. -0.01 min

Lab File: BN006592.D

Acq: 26 Jun 2019 23:22

Instrument :

BNA_N

ClientSampleId :

C5AB7

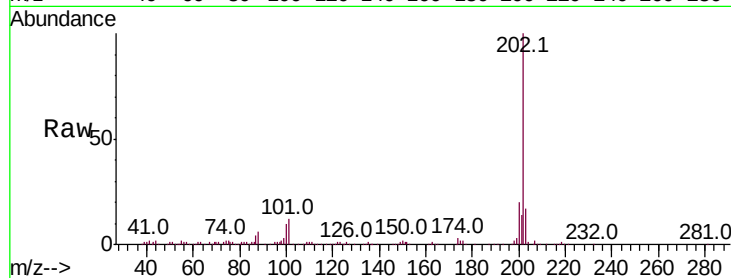
Tot Ion:202 Resp: 266454

Ion Ratio Lower Upper

202 100

101 12.4 10.5 15.7

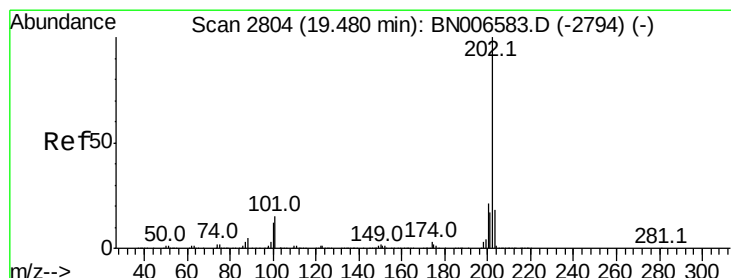
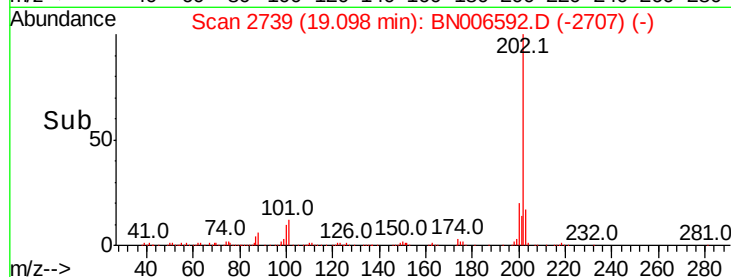
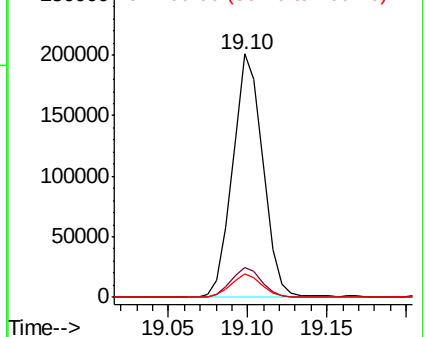
100 9.6 7.6 11.4



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: 2.796 ng/ul

RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BN006592.D

Acq: 26 Jun 2019 23:22

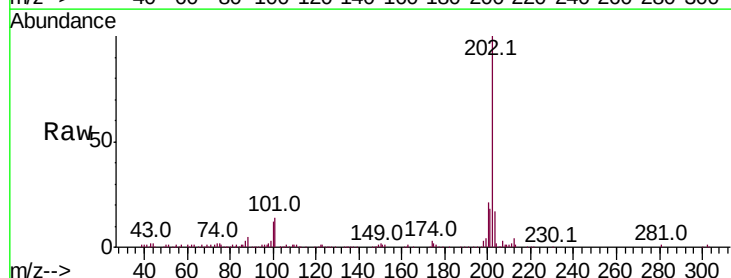
Tgt Ion:202 Resp: 232386

Ion Ratio Lower Upper

202 100

101 13.9 12.2 18.4

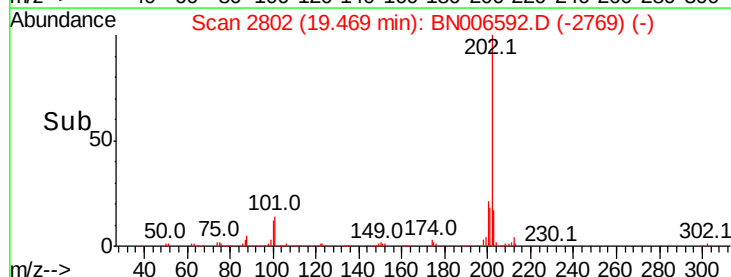
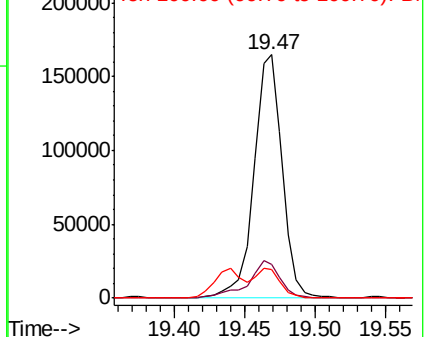
100 11.7 9.8 14.6

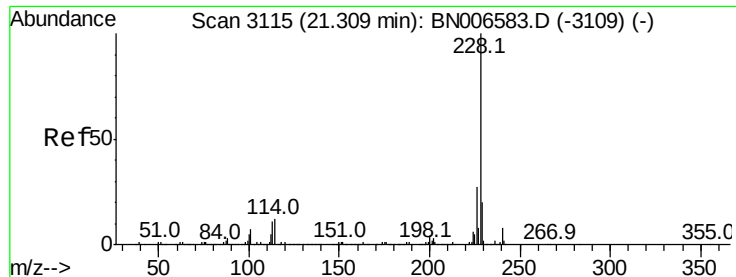


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

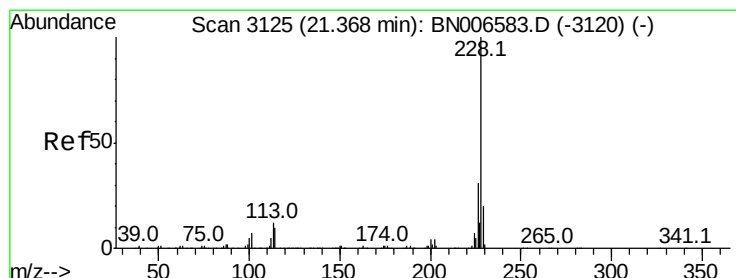
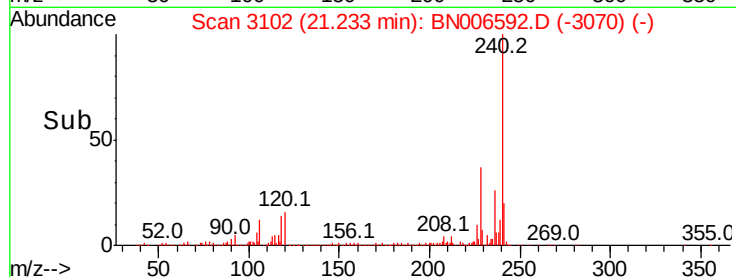
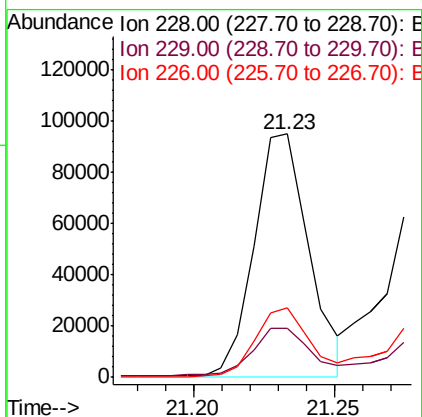
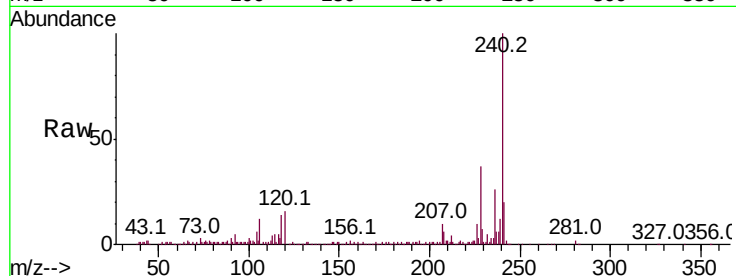




#82
Benzo(a)anthracene
Concen: 1.533 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN006592.D
Acq: 26 Jun 2019 23:22

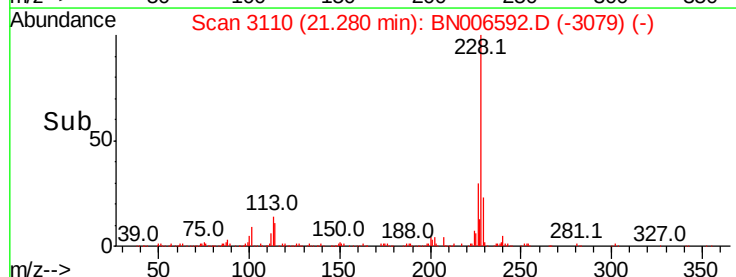
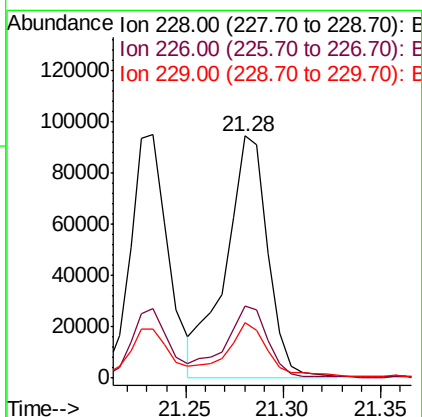
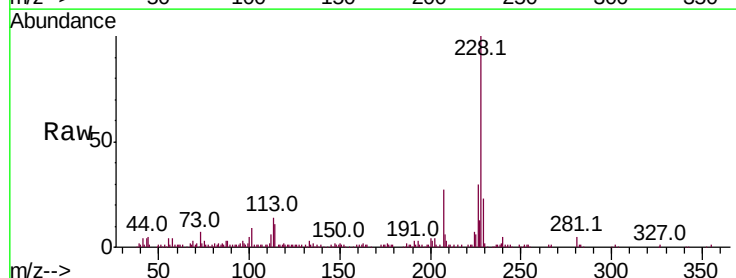
Instrument :
BNA_N
ClientSampleId :
C5AB7

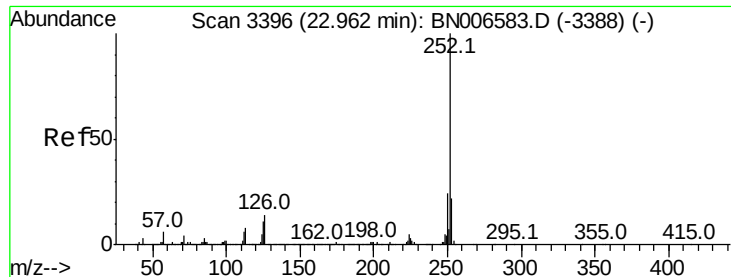
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	28.3	21.5	32.3



#84
Chrysene
Concen: 1.784 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.02 min
Lab File: BN006592.D
Acq: 26 Jun 2019 23:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	22.9	15.9	23.9





#87

Benzo(b)fluoranthene

Concen: 2.366 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BN006592.D

Acq: 26 Jun 2019 23:22

Instrument :

BNA_N

ClientSampleId :

C5AB7

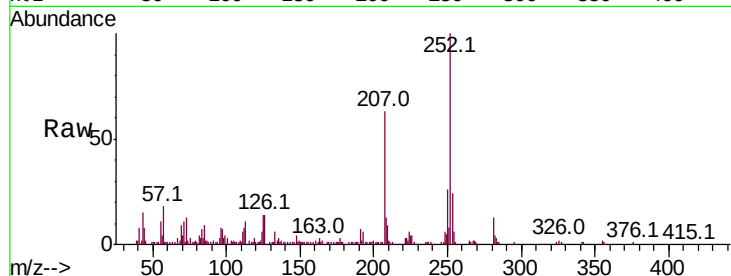
Tot Ion:252 Resp: 180947

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

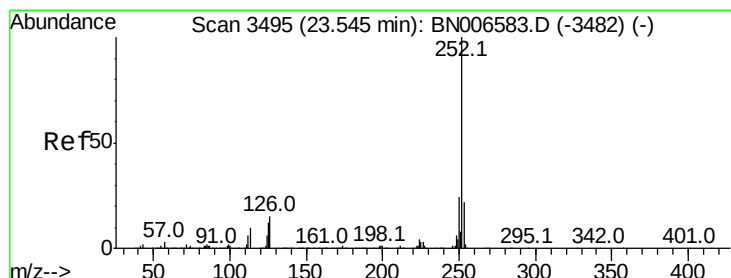
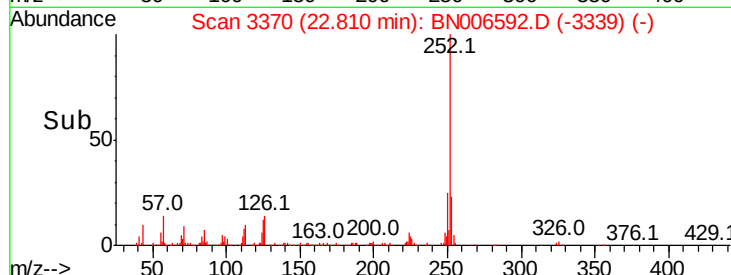
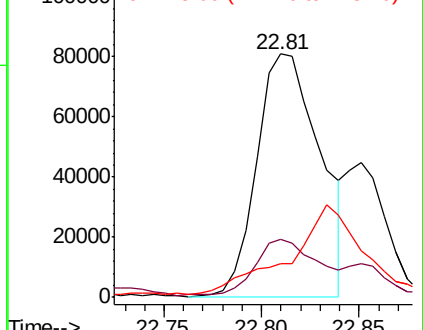
125 13.6 9.0 13.6#



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



#90

Benzo(a)pyrene

Concen: 1.533 ng/ul

RT: 23.38 min Scan# 3467

Delta R.T. -0.02 min

Lab File: BN006592.D

Acq: 26 Jun 2019 23:22

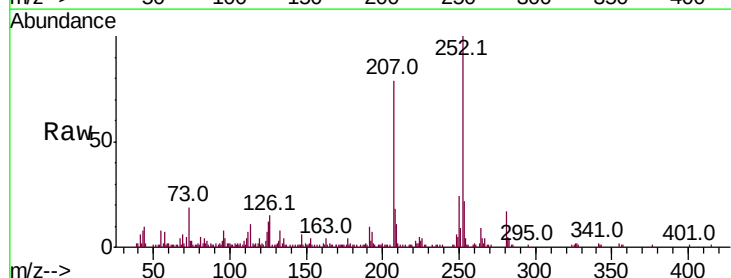
Tgt Ion:252 Resp: 112453

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 12.3 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

