

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009580.D
 Acq On : 05 Feb 2020 00:40
 Operator : CG/JU
 Sample : L1302-20
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 05 01:18:59 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	143443	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	610585	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	383507	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	822113	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	720013	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	783927	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	6618	1.89	ng/uL	0.00
5) Phenol-d5	6.64	99	126465	10.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	98544	11.73	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	100844	10.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	69753	7.00	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	51540	11.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	54819	10.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	97643	10.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	115088	11.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	332435	11.87	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	386377	11.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	32059	6.06	ng/ul	0.00
57) Fluorene-d10	15.07	176	287061	11.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	31735	6.18	ng/ul	0.00
70) Anthracene-d10	16.93	188	419859	11.24	ng/ul	0.00
78) Pyrene-d10	19.23	212	512899	13.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	487576	12.63	ng/ul	0.00

Target Compounds

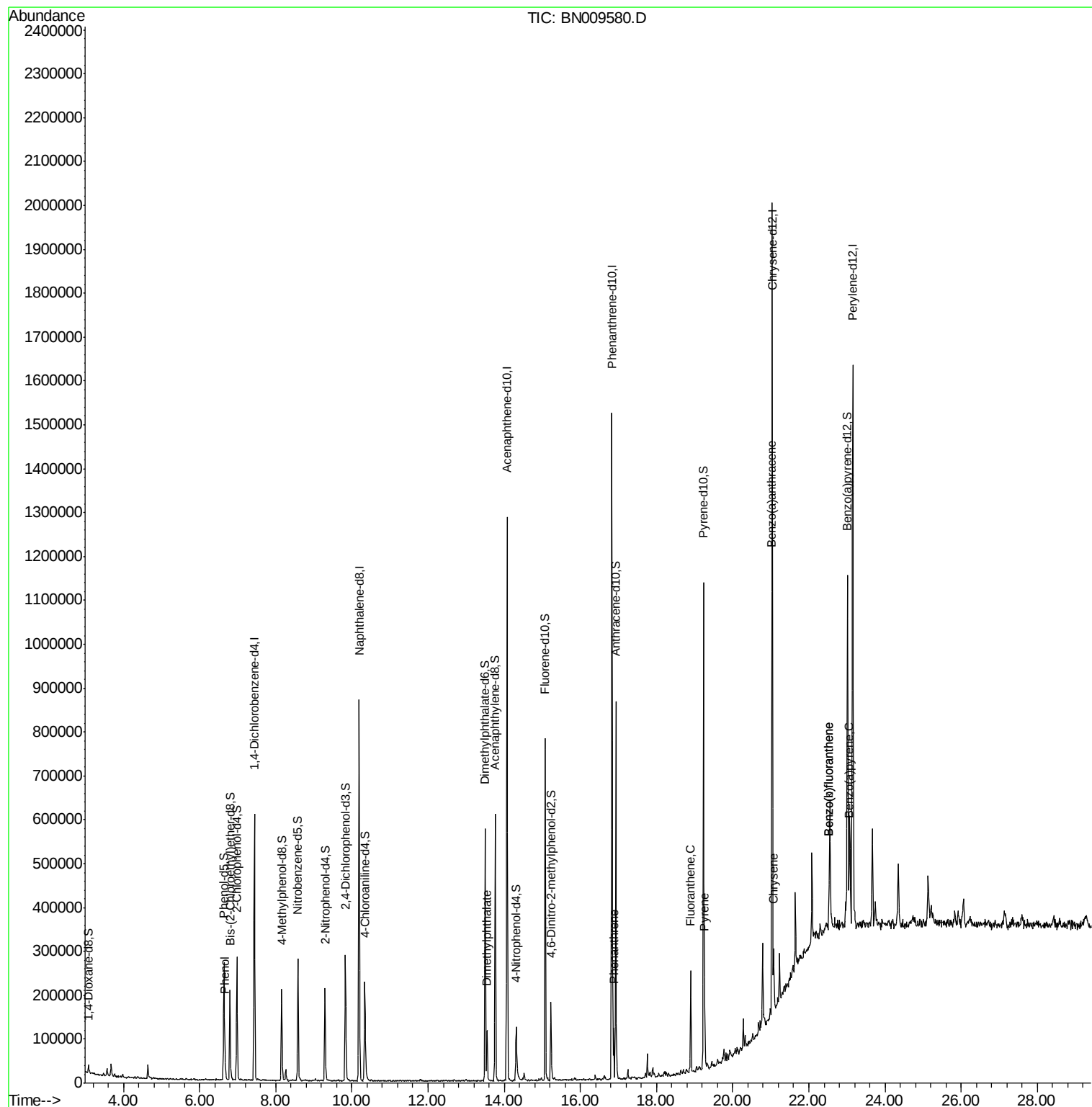
					Ovalue
6) Phenol	6.66	94	20965	1.568	ng/ul 97
44) Dimethylphthalate	13.55	163	72342	2.435	ng/ul 99
69) Phenanthrene	16.87	178	63620	1.357	ng/ul 99
76) Fluoranthene	18.90	202	123021	2.299	ng/ul 97
79) Pyrene	19.26	202	115040	2.189	ng/ul 98
82) Benzo(a)anthracene	21.02	228	62437	1.256	ng/ul 98
84) Chrysene	21.07	228	64044	1.294	ng/ul 97
87) Benzo(b)fluoranthene	22.53	252	74690	1.523	ng/ul# 93
88) Benzo(k)fluoranthene	22.53	252	74690	1.546	ng/ul# 93
90) Benzo(a)pyrene	23.06	252	50964	1.122	ng/ul# 89

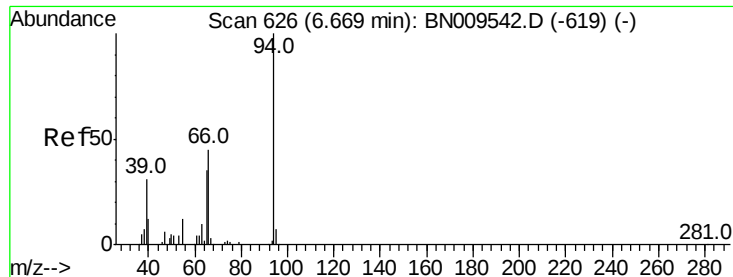
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.568 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. -0.01 min

Lab File: BN009580.D

Acq: 05 Feb 2020 00:40

Instrument :

BNA_N

ClientSampleId :

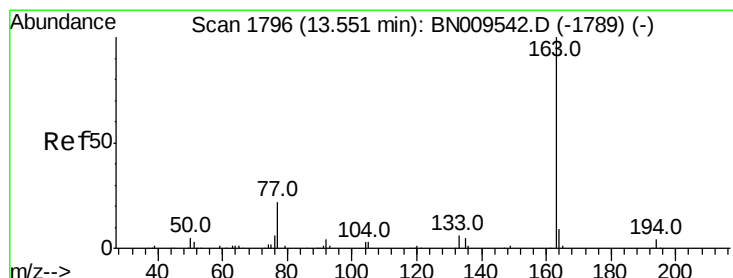
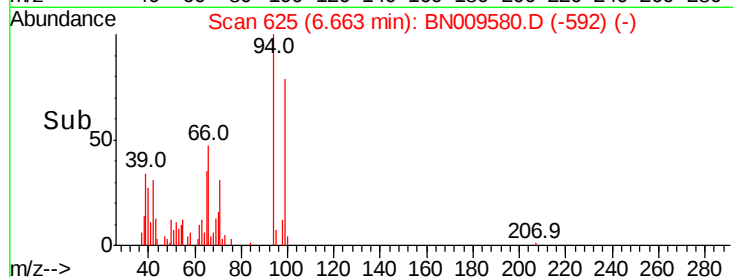
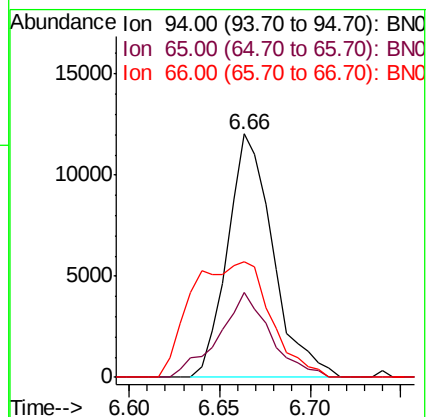
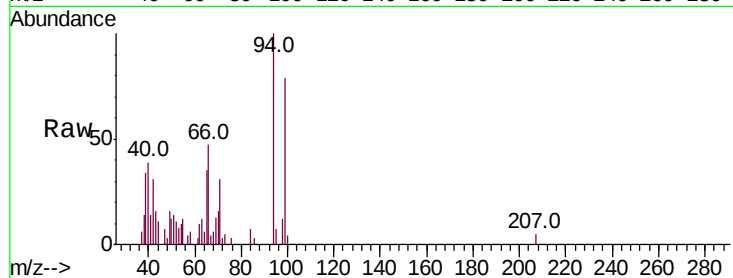
Tot Ion: 94 Resp: 20965

Ion Ratio Lower Upper

94 100

65 34.9 29.8 44.6

66 47.5 39.5 59.3



#44

Dimethylphthalate

Concen: 2.435 ng/ul

RT: 13.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BN009580.D

Acq: 05 Feb 2020 00:40

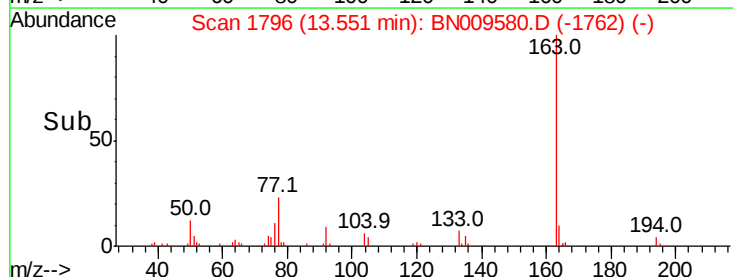
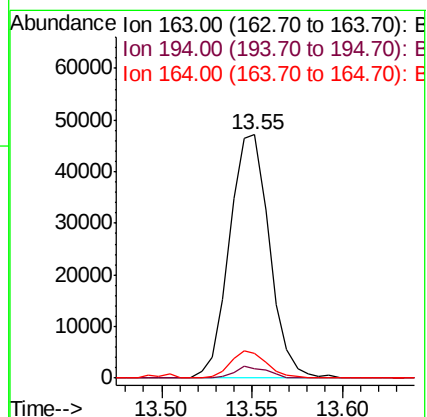
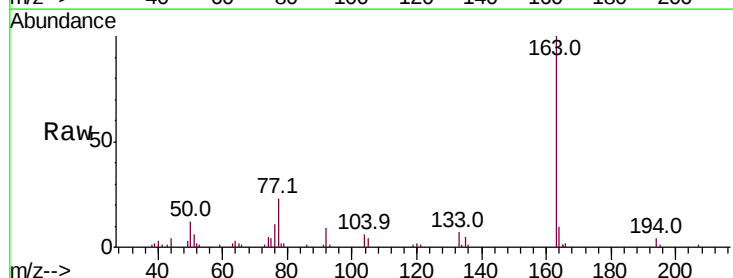
Tgt Ion: 163 Resp: 72342

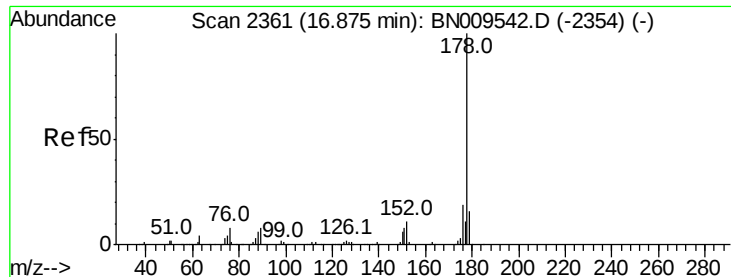
Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 10.0 8.0 12.0





#69

Phenanthrene

Concen: 1.357 ng/ul

RT: 16.87 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BN009580.D

Acq: 05 Feb 2020 00:40

Instrument :

BNA_N

ClientSampleId :

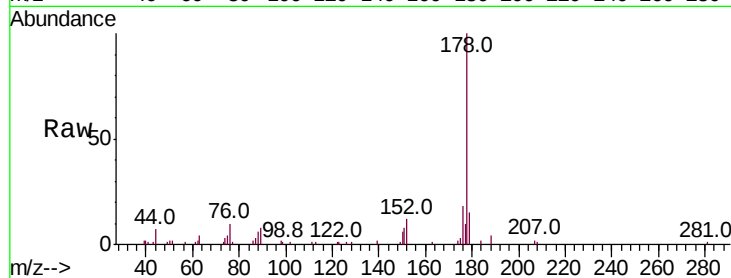
Tot Ion:178 Resp: 63620

Ion Ratio Lower Upper

178 100

179 14.5 12.2 18.2

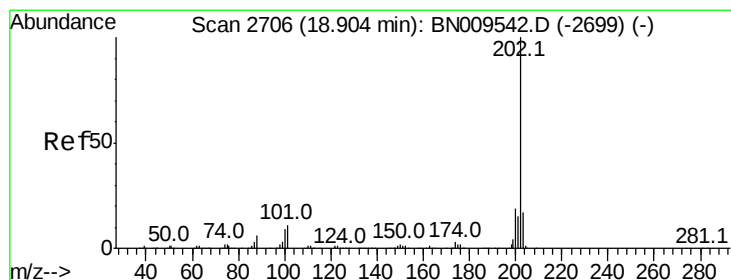
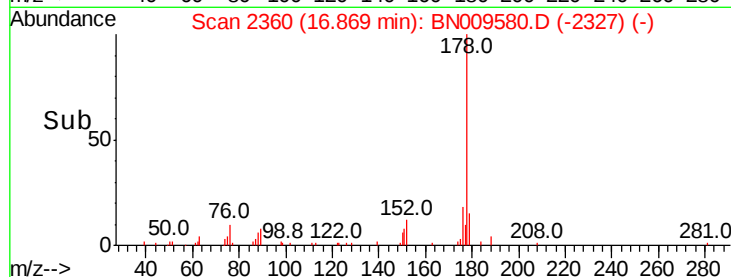
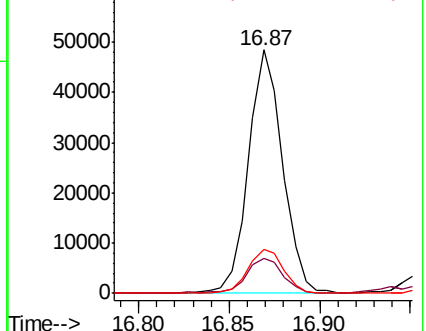
176 18.2 14.8 22.2



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: 2.299 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009580.D

Acq: 05 Feb 2020 00:40

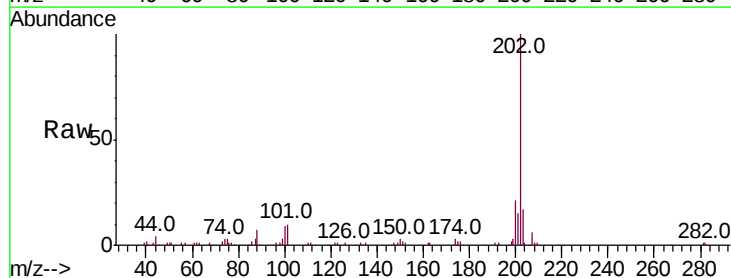
Tgt Ion:202 Resp: 123021

Ion Ratio Lower Upper

202 100

101 10.4 9.2 13.8

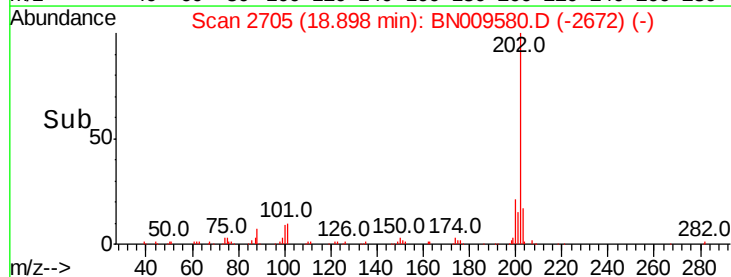
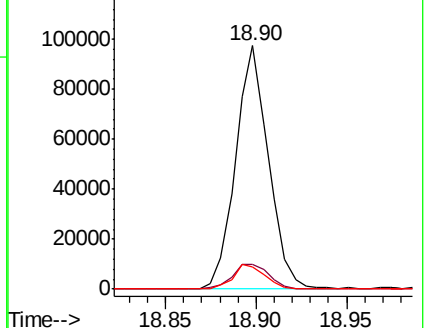
100 9.3 6.9 10.3

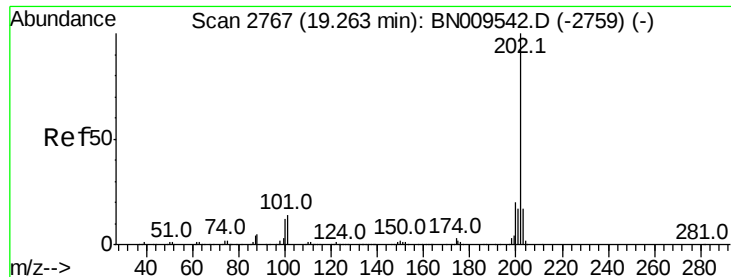


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 2.189 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009580.D

Acq: 05 Feb 2020 00:40

Instrument :

BNA_N

ClientSampled :

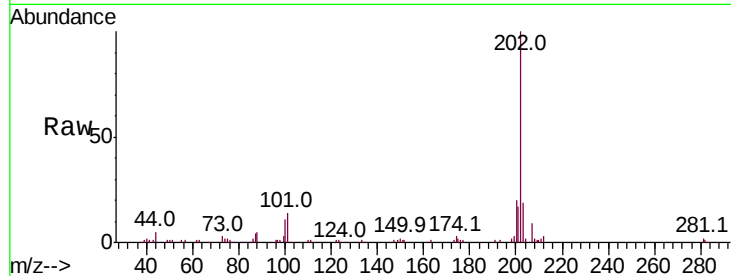
Tot Ion:202 Resp: 115040

Ion Ratio Lower Upper

202 100

101 14.0 10.3 15.5

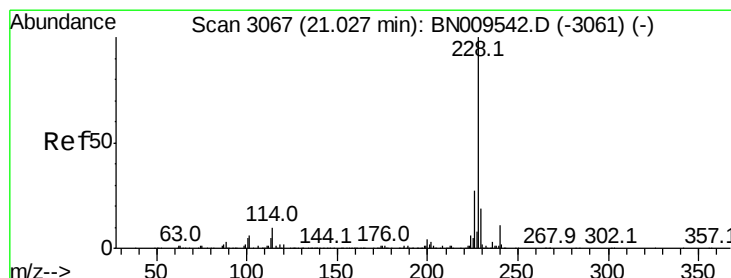
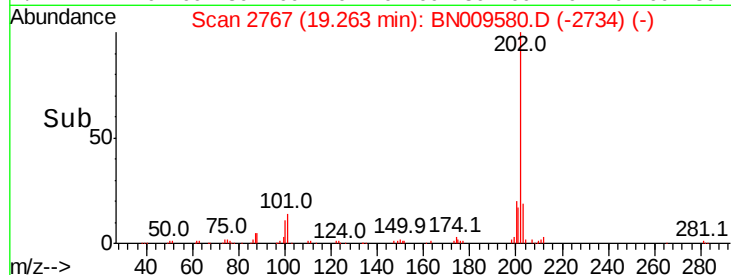
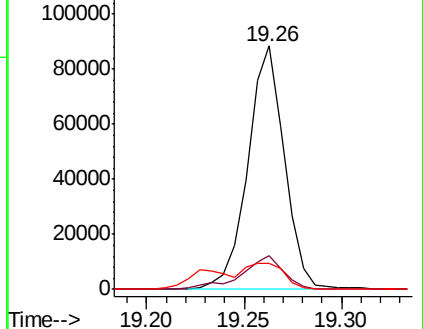
100 10.7 8.4 12.6



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: 1.256 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009580.D

Acq: 05 Feb 2020 00:40

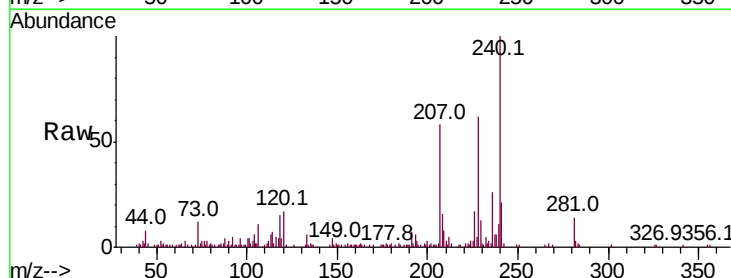
Tgt Ion:228 Resp: 62437

Ion Ratio Lower Upper

228 100

229 20.2 15.0 22.4

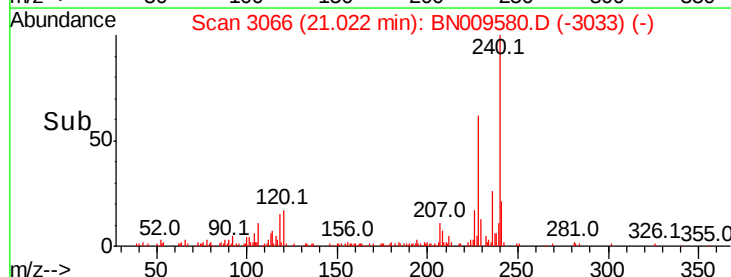
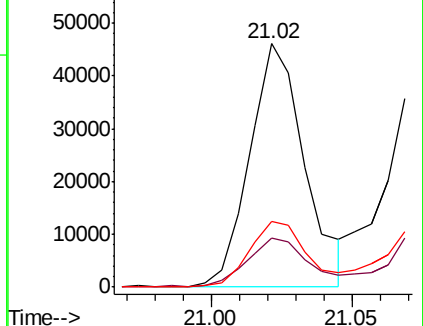
226 27.0 20.9 31.3

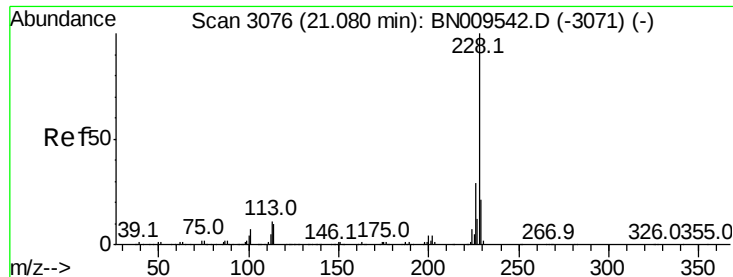


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

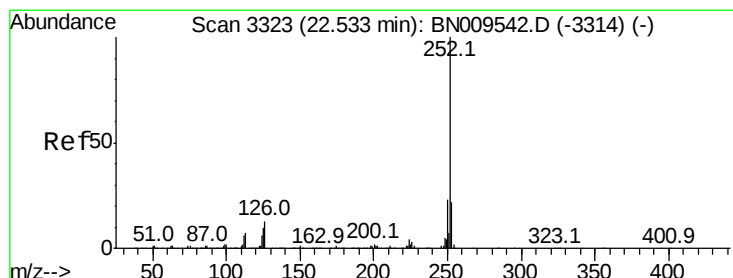
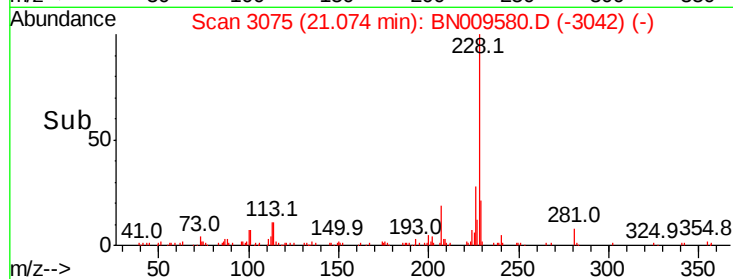
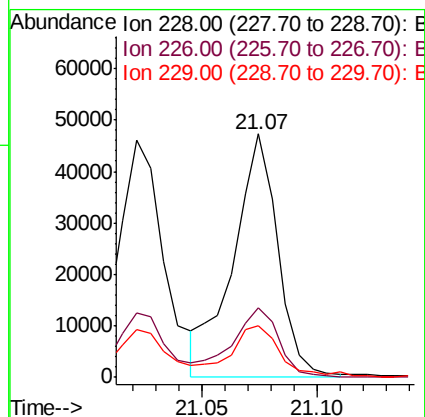
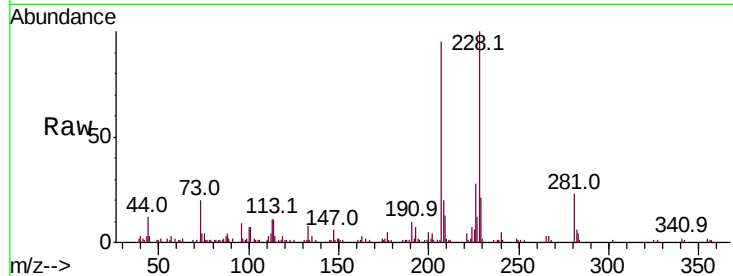




#84
Chrysene
Concen: 1.294 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009580.D
Acq: 05 Feb 2020 00:40

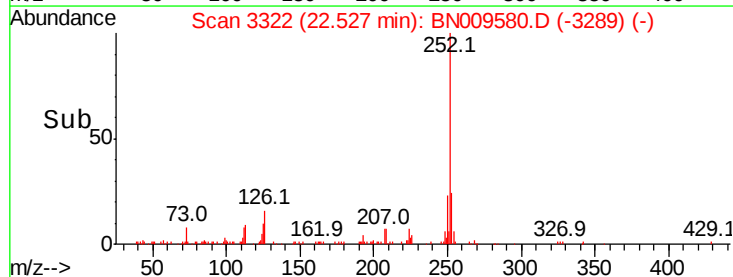
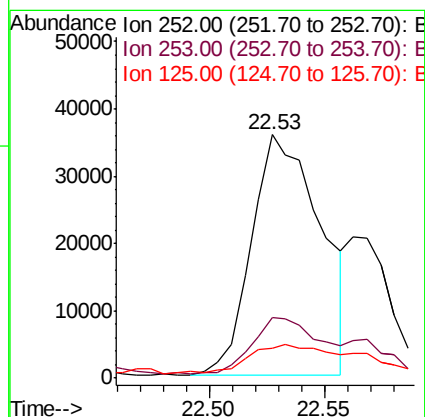
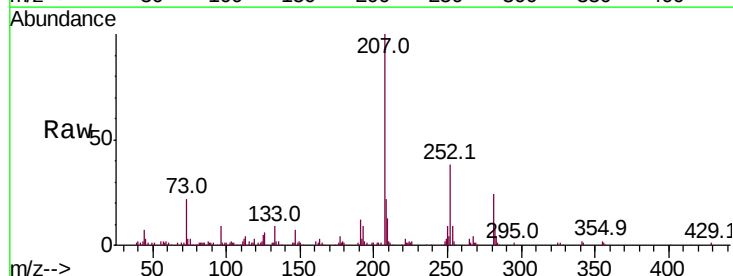
Instrument :
BNA_N
ClientSampleId :

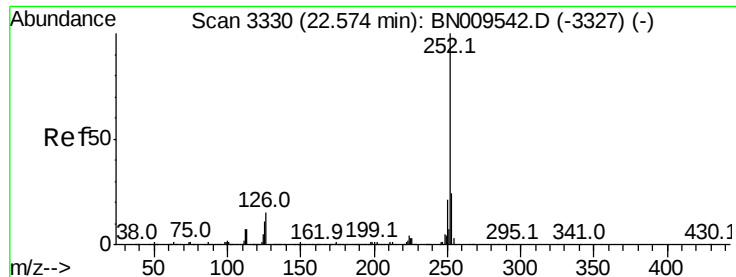
Tot Ion:228 Resp: 64044
Ion Ratio Lower Upper
228 100
226 28.3 23.5 35.3
229 21.3 15.8 23.8



#87
Benzo(b)fluoranthene
Concen: 1.523 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BN009580.D
Acq: 05 Feb 2020 00:40

Tgt Ion:252 Resp: 74690
Ion Ratio Lower Upper
252 100
253 24.7 17.0 25.6
125 12.5 8.2 12.2#

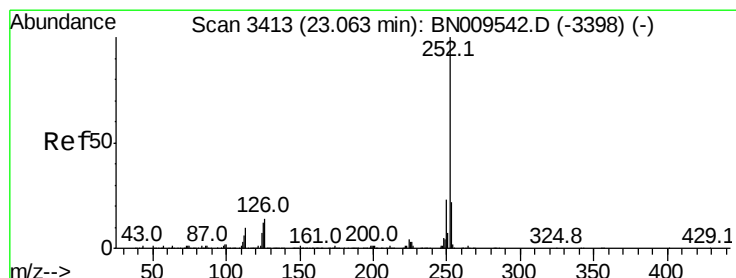
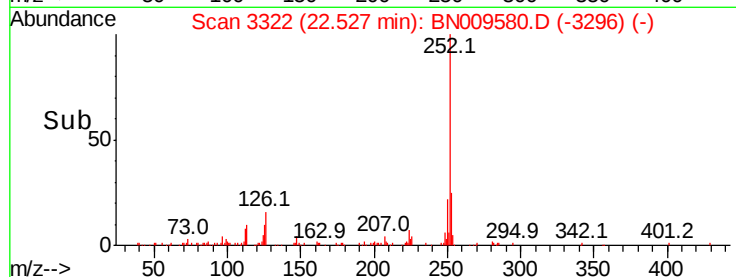
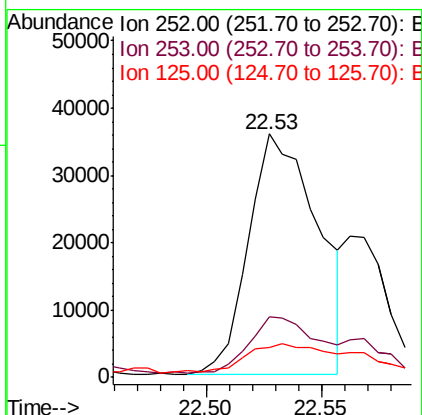
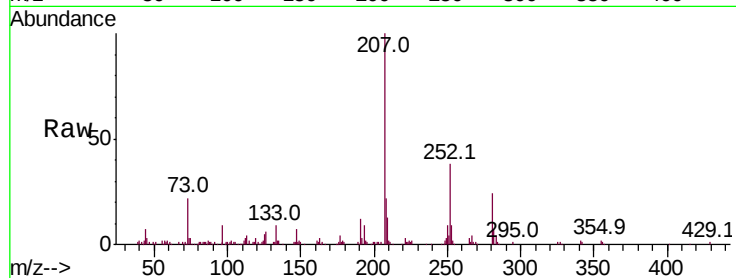




#88
Benzo(k)fluoranthene
Concen: 1.546 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.05 min
Lab File: BN009580.D
Acq: 05 Feb 2020 00:40

Instrument :
BNA_N
ClientSampled :

Tot Ion:252 Resp: 74690
Ion Ratio Lower Upper
252 100
253 24.7 17.0 25.4
125 12.5 8.0 12.0#



#90
Benzo(a)pyrene
Concen: 1.122 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.01 min
Lab File: BN009580.D
Acq: 05 Feb 2020 00:40

Tgt Ion:252 Resp: 50964
Ion Ratio Lower Upper
252 100
253 24.2 15.8 23.8#
125 15.9 8.7 13.1#

