

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009564.D
 Acq On : 04 Feb 2020 15:02
 Operator : CG/JU
 Sample : L1302-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AL0

Quant Time: Feb 04 15:38:37 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	126879	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	533510	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	333329	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	707812	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	689156	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	741620	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	3805	1.23	ng/uL	0.00
5) Phenol-d5	6.64	99	77444	7.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	58376	7.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	63669	7.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	45633	5.18	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	30961	7.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	33094	7.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	58906	7.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	68178	7.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	207154	8.51	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	236208	8.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	18941	4.12	ng/ul	0.01
57) Fluorene-d10	15.08	176	180493	8.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	17270	3.91	ng/ul	0.00
70) Anthracene-d10	16.93	188	268759	8.36	ng/ul	0.00
78) Pyrene-d10	19.23	212	343826	9.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	352067	9.64	ng/ul	0.00

Target Compounds

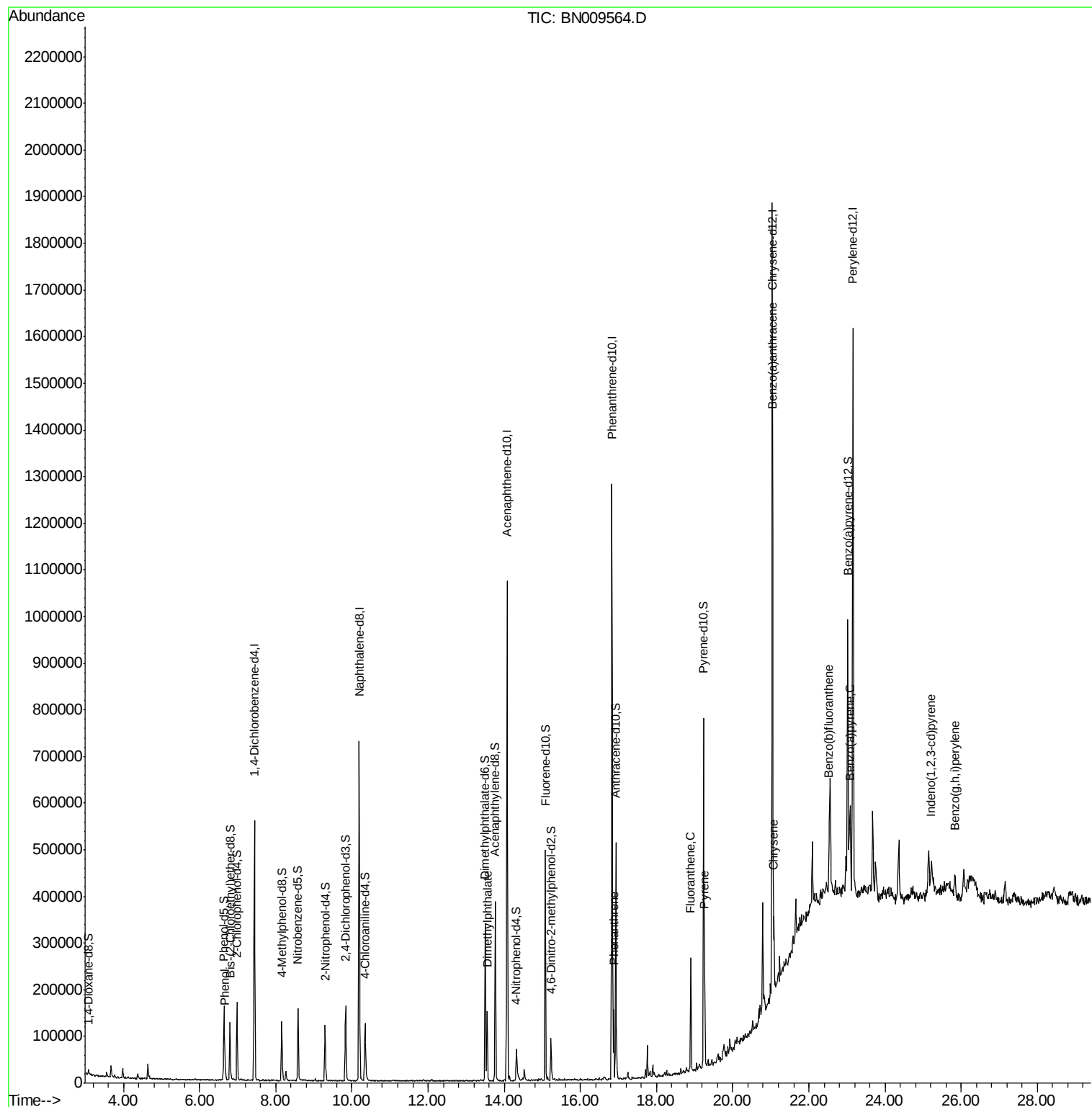
					Ovalue
6) Phenol	6.66	94	11940	1.010	ng/ul 98
44) Dimethylphthalate	13.55	163	89182	3.454	ng/ul 98
69) Phenanthrene	16.87	178	83612	2.071	ng/ul 98
76) Fluoranthene	18.90	202	141450	3.070	ng/ul 99
79) Pyrene	19.26	202	132349	2.631	ng/ul 96
82) Benzo(a)anthracene	21.03	228	81227	1.707	ng/ul 99
84) Chrysene	21.08	228	87894	1.855	ng/ul 95
87) Benzo(b)fluoranthene	22.53	252	112090	2.416	ng/ul# 96
90) Benzo(a)pyrene	23.06	252	76688	1.784	ng/ul# 94
91) Indeno(1,2,3-cd)pyrene	25.22	276	54901	1.074	ng/ul 95
93) Benzo(g,h,i)perylene	25.84	276	49107	1.146	ng/ul# 88

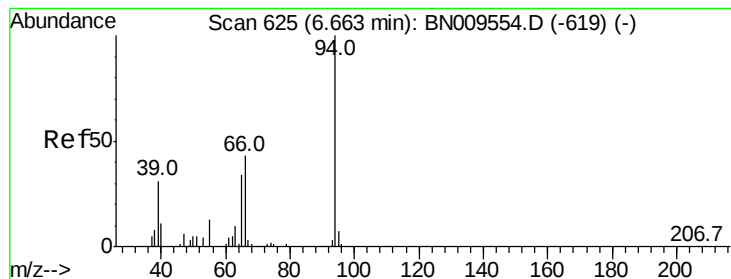
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.010 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. -0.01 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

Instrument :

BNA_N

ClientSampled :

C5AL0

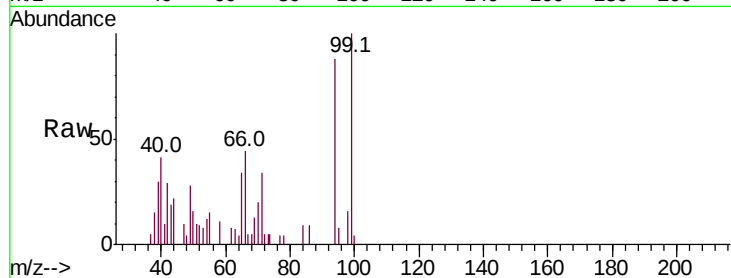
Tot Ion: 94 Resp: 11940

Ion Ratio Lower Upper

94 100

65 39.0 29.8 44.6

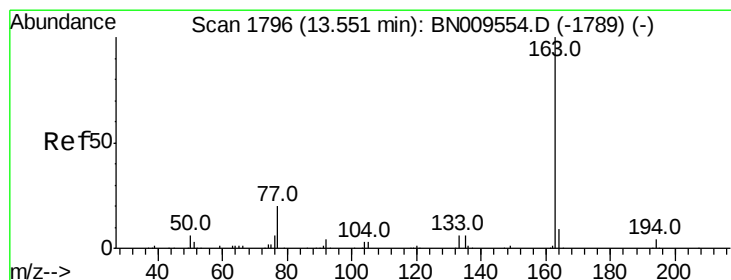
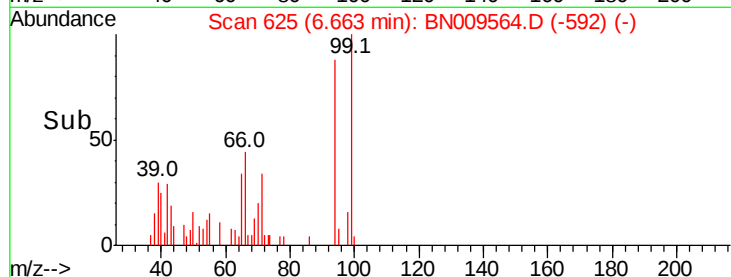
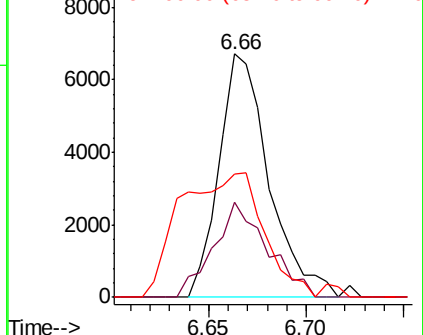
66 50.5 39.5 59.3



Abundance Ion 94.00 (93.70 to 94.70): BN009554.D (-619) (-)

Ion 65.00 (64.70 to 65.70): BN009554.D (-619) (-)

Ion 66.00 (65.70 to 66.70): BN009554.D (-619) (-)



#44

Dimethylphthalate

Concen: 3.454 ng/ul

RT: 13.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

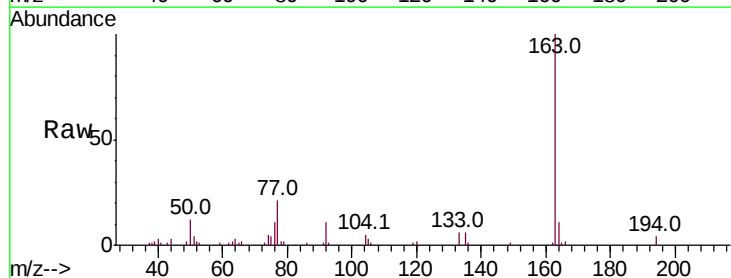
Tgt Ion:163 Resp: 89182

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

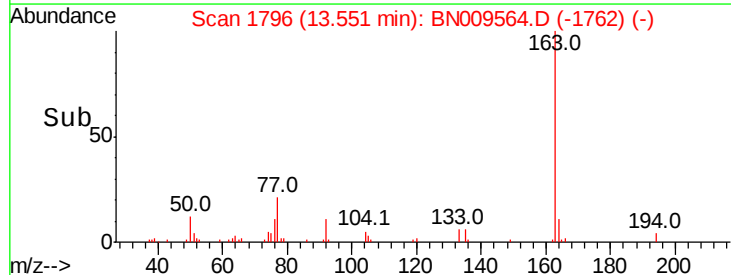
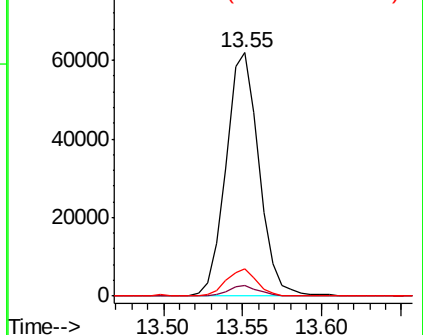
164 11.1 8.0 12.0

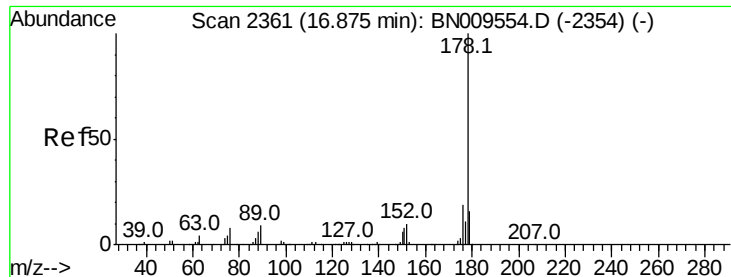


Abundance Ion 163.00 (162.70 to 163.70): BN009554.D (-1789) (-)

Ion 194.00 (193.70 to 194.70): BN009554.D (-1789) (-)

Ion 164.00 (163.70 to 164.70): BN009554.D (-1789) (-)





#69

Phenanthrene

Concen: 2.071 ng/ul

RT: 16.87 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

Instrument :

BNA_N

ClientSampleId :

C5AL0

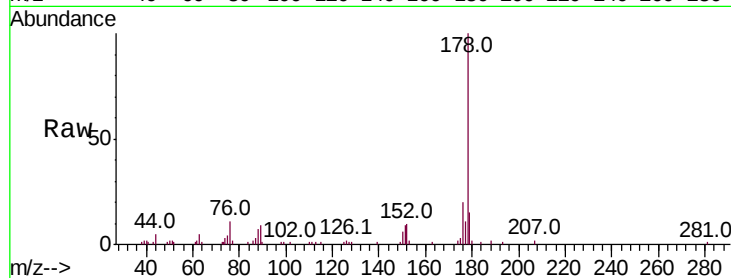
Tot Ion:178 Resp: 83612

Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.2

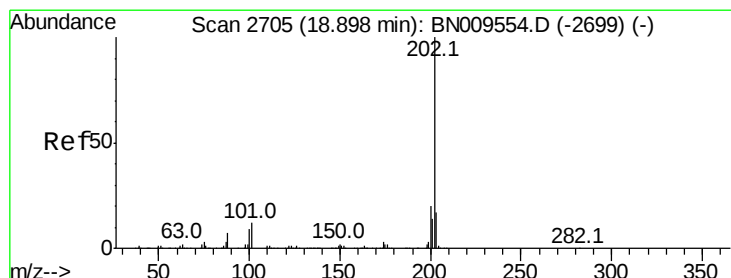
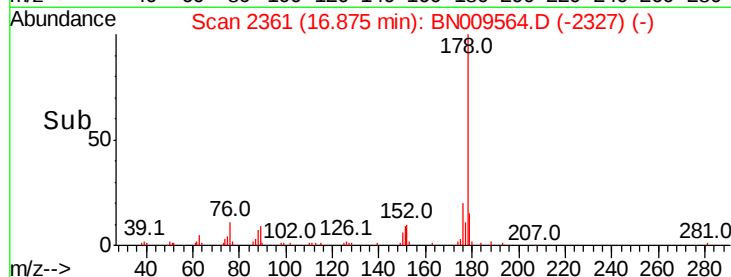
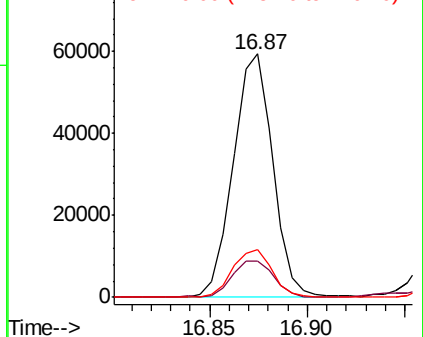
176 19.8 14.8 22.2



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: 3.070 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

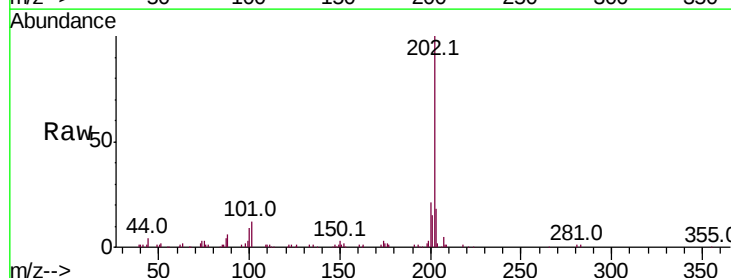
Tgt Ion:202 Resp: 141450

Ion Ratio Lower Upper

202 100

101 11.9 9.2 13.8

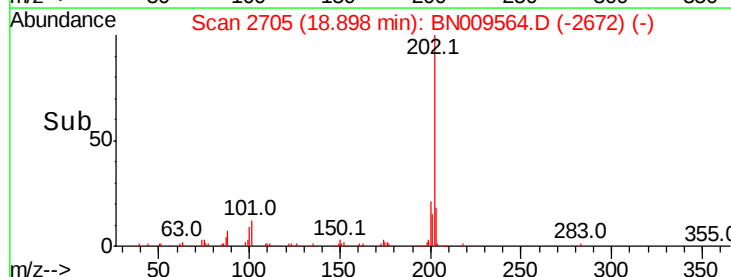
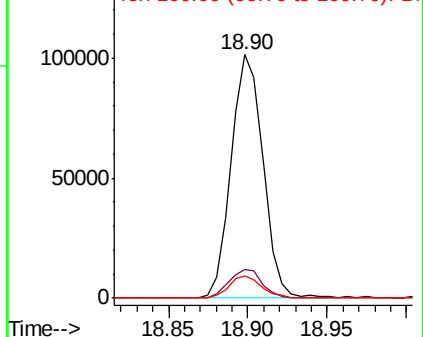
100 9.1 6.9 10.3

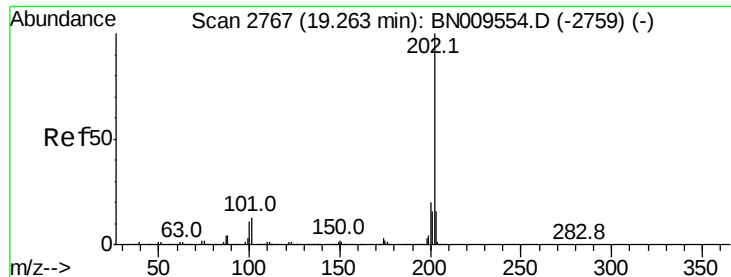


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 2.631 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

Instrument :

BNA_N

ClientSampleId :

C5AL0

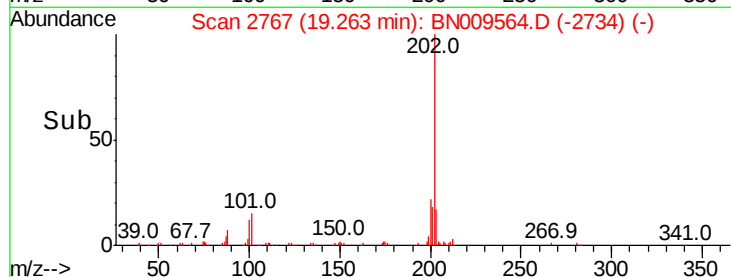
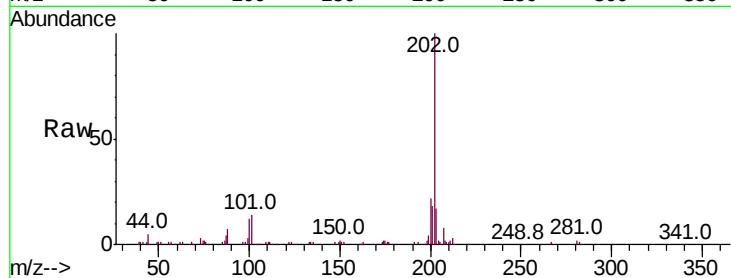
Tot Ion:202 Resp: 132349

Ion Ratio Lower Upper

202 100

101 14.5 10.3 15.5

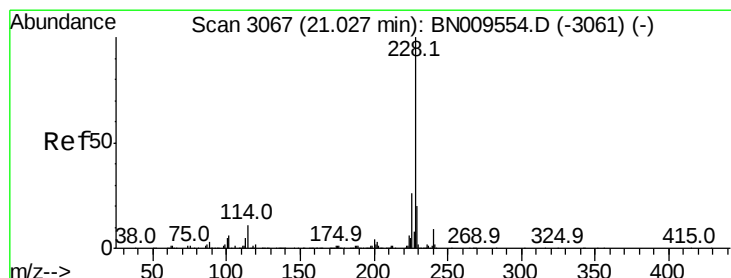
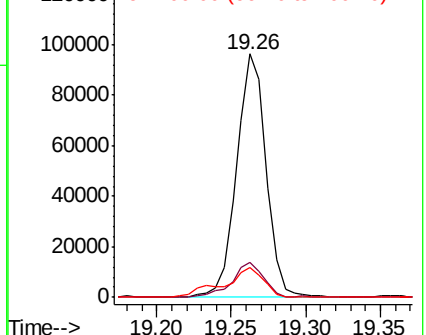
100 12.0 8.4 12.6



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: 1.707 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

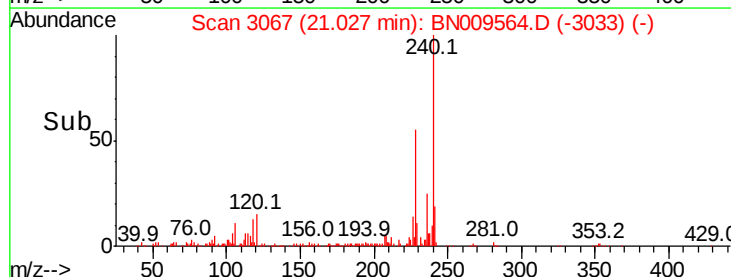
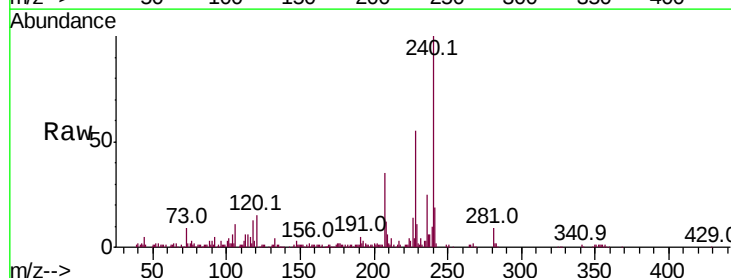
Tgt Ion:228 Resp: 81227

Ion Ratio Lower Upper

228 100

229 20.0 15.0 22.4

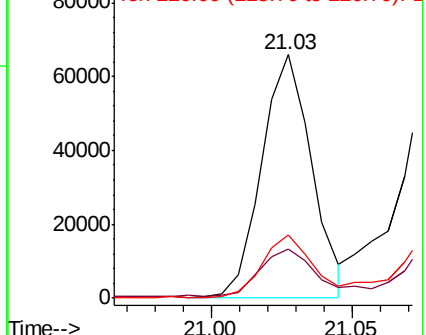
226 26.0 20.9 31.3

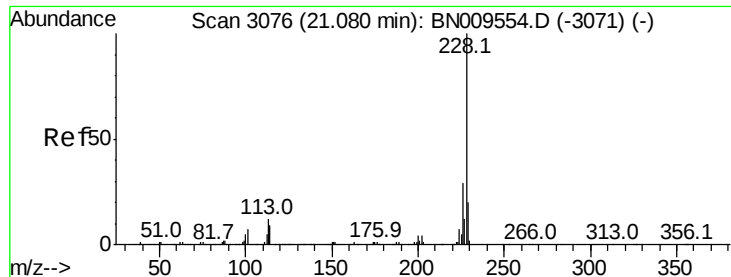


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.855 ng/ul

RT: 21.08 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

Instrument :

BNA_N

ClientSampleId :

C5AL0

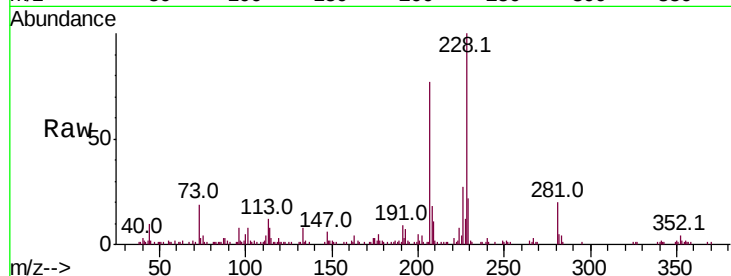
Tot Ion:228 Resp: 87894

Ion Ratio Lower Upper

228 100

226 26.9 23.5 35.3

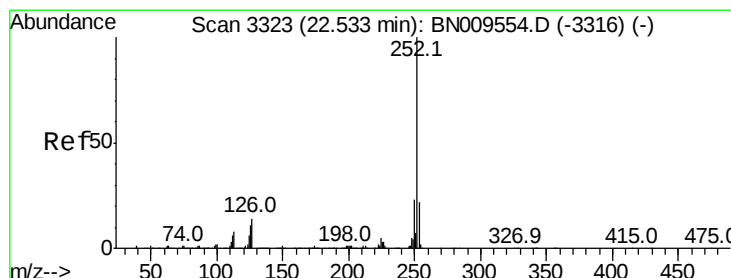
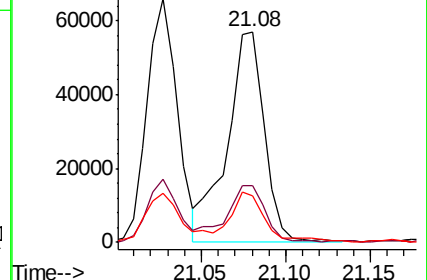
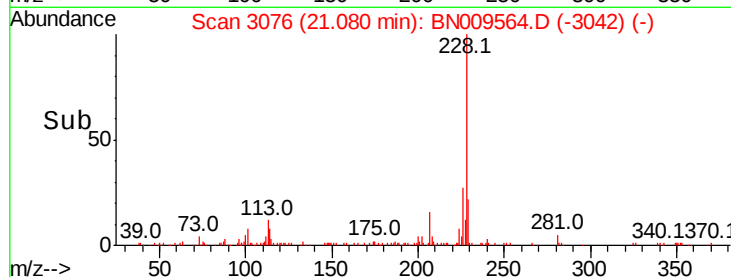
229 21.8 15.8 23.8



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: 2.416 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. -0.00 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

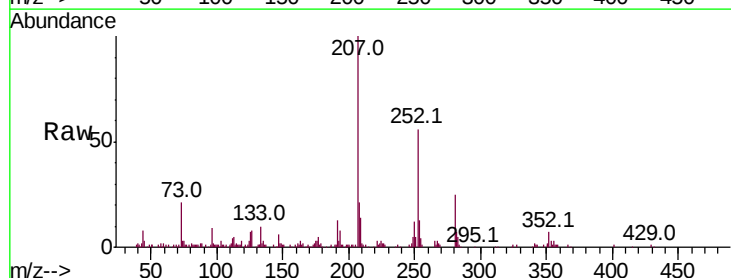
Tgt Ion:252 Resp: 112090

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

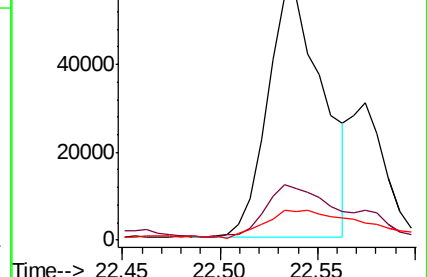
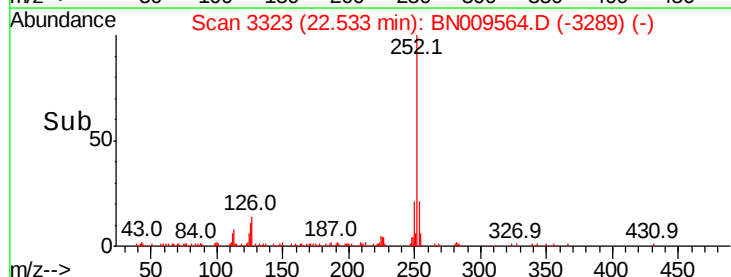
125 12.4 8.2 12.2#

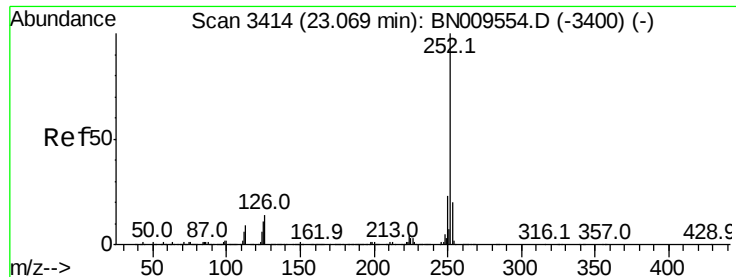


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.784 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

Instrument :

BNA_N

ClientSampleId :

C5AL0

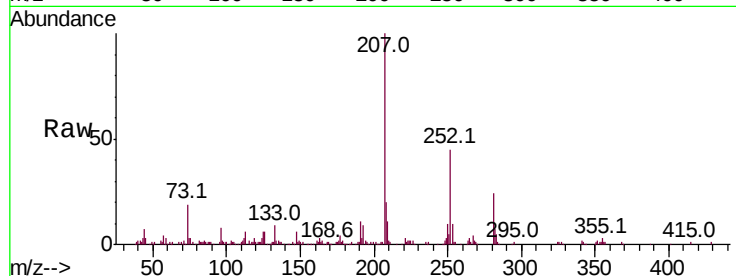
Tot Ion:252 Resp: 76688

Ion Ratio Lower Upper

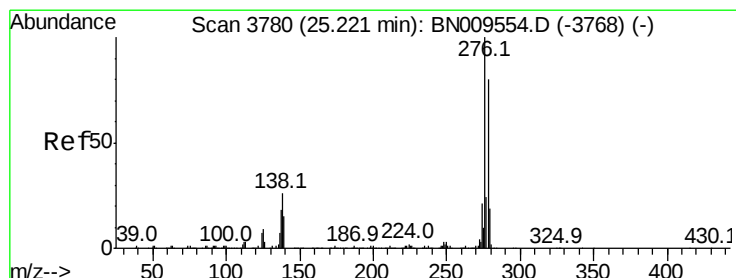
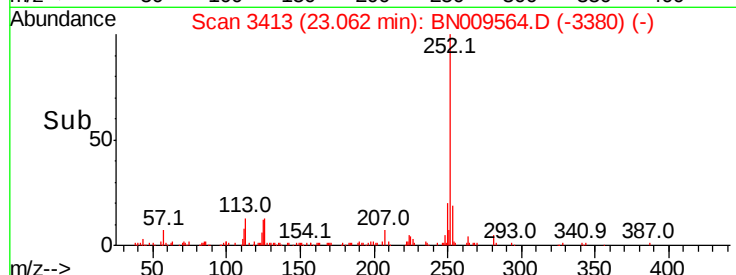
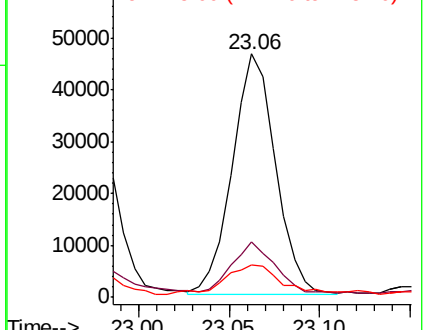
252 100

253 22.9 15.8 23.8

125 13.2 8.7 13.1#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.074 ng/ul

RT: 25.22 min Scan# 3779

Delta R.T. -0.01 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

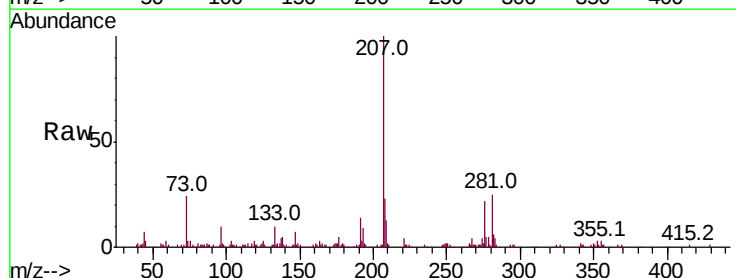
Tgt Ion:276 Resp: 54901

Ion Ratio Lower Upper

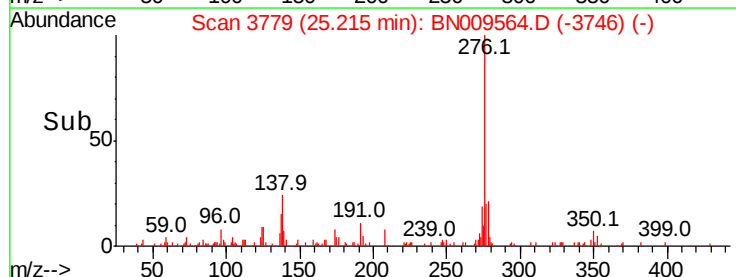
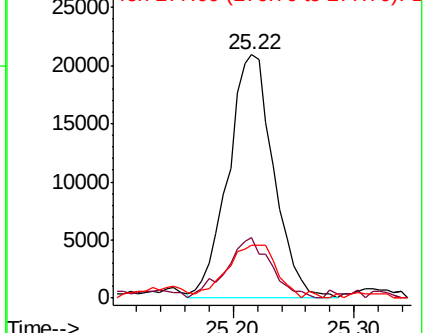
276 100

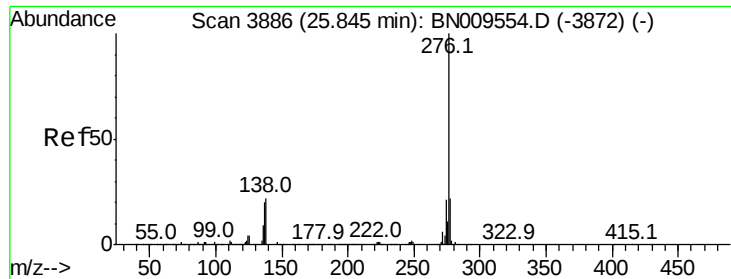
138 24.9 20.3 30.5

277 21.8 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.146 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.01 min

Lab File: BN009564.D

Acq: 04 Feb 2020 15:02

Instrument :

BNA_N

ClientSampleId :

C5AL0

Tot Ion:276 Resp: 49107

Ion Ratio Lower Upper

276 100

138 29.6 16.0 24.0#

277 22.6 17.0 25.6

