

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009548.D
 Acq On : 04 Feb 2020 02:58
 Operator : CG/JU
 Sample : L1271-01DL2 30X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 04 03:50:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 04 02:55:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	126141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	531975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	333776	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	703427	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	636543	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	702559	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	3705	0.34	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.81	67	3233	0.44	ng/ul	0.01
9) 2-Chlorophenol-d4	6.99	132	2992	0.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	1532	0.17	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	1192	0.30	ng/ul	0.01
22) 2-Nitrophenol-d4	9.30	143	856	0.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	2657	0.32	ng/ul	0.03
29) 4-Chloroaniline-d4	10.36	131	1047	0.12	ng/ul	0.02
43) Dimethylphthalate-d6	13.51	166	12930	0.53	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	13130	0.45	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.08	176	11735	0.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.83	188	703427	22.01	ng/ul	-0.10
78) Pyrene-d10	19.24	212	19127	0.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	17114	0.49	ng/ul	0.00

Target Compounds

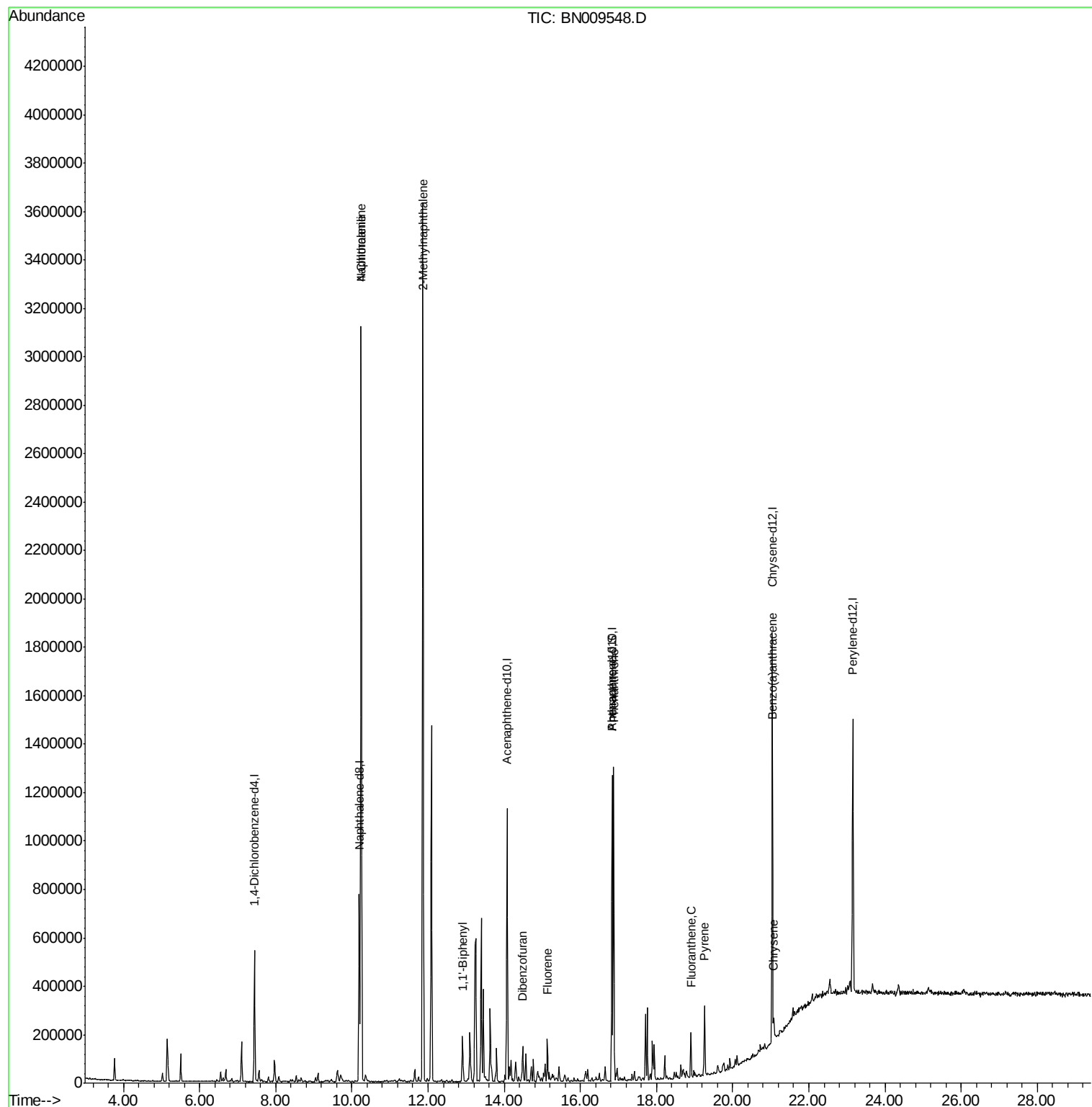
					Ovalue
28) Naphthalene	10.24	128	2204598	76.420	ng/ul 100
30) 4-Chloroaniline	10.24	127	290107	31.591	ng/ul# 7
34) 2-Methylnaphthalene	11.86	142	1611762	79.835	ng/ul 96
40) 1,1'-Biphenyl	12.90	154	87293	3.359	ng/ul 99
53) Dibenzofuran	14.49	168	36283	1.190	ng/ul 95
58) Fluorene	15.13	166	63584	2.494	ng/ul 95
69) Phenanthrene	16.87	178	710670	17.716	ng/ul 100
76) Fluoranthene	18.90	202	100768	2.201	ng/ul 96
79) Pvrene	19.26	202	162805	3.504	ng/ul 97
82) Benzo(a)anthracene	21.03	228	53210	1.211	ng/ul 98
84) Chrysene	21.07	228	49681	1.135	ng/ul 99

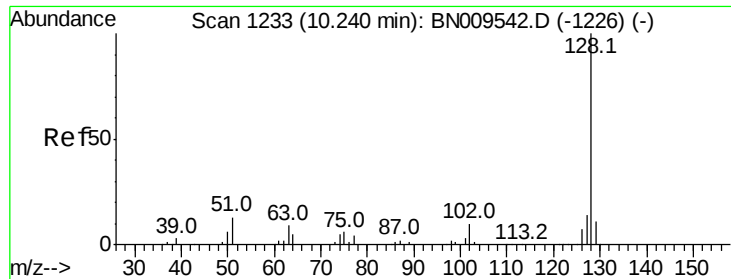
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#28

Naphthalene

Concen: 76.420 ng/ul

RT: 10.24 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BN009548.D

Acq: 04 Feb 2020 02:58

Instrument :

BNA_N

ClientSampleId :

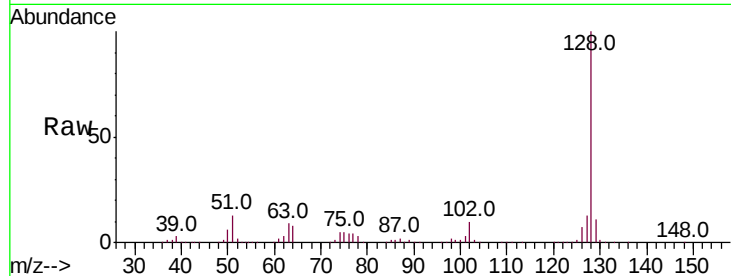
Tot Ion:128 Resp: 2204598

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

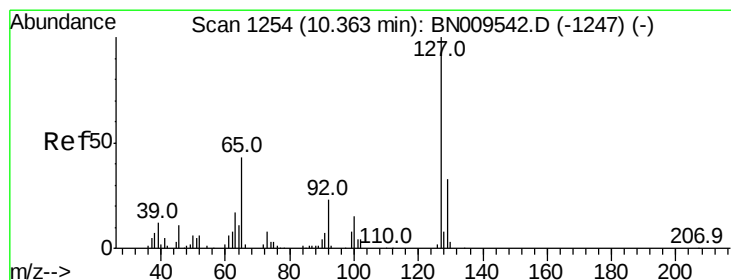
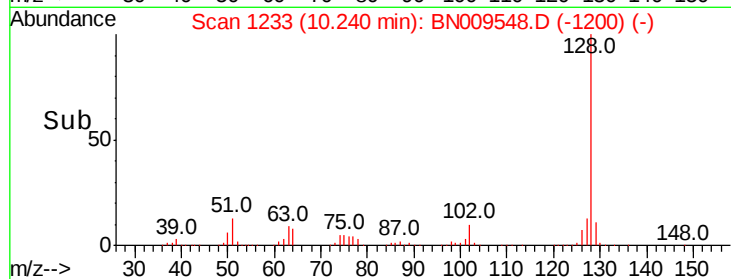
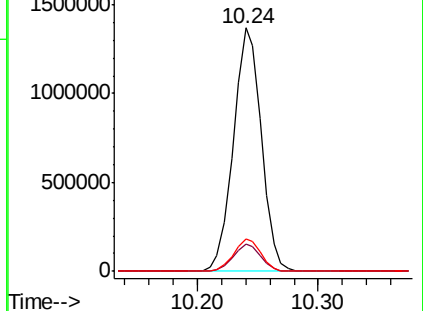
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 31.591 ng/ul

RT: 10.24 min Scan# 1233

Delta R.T. -0.12 min

Lab File: BN009548.D

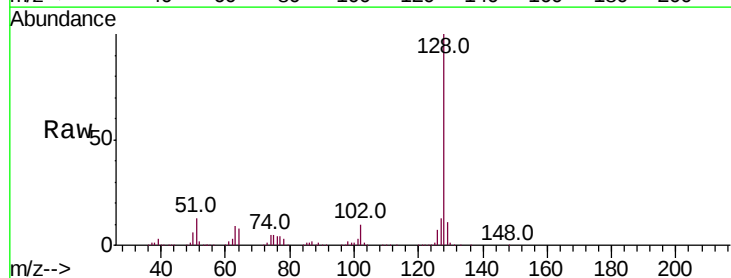
Acq: 04 Feb 2020 02:58

Tgt Ion:127 Resp: 290107

Ion Ratio Lower Upper

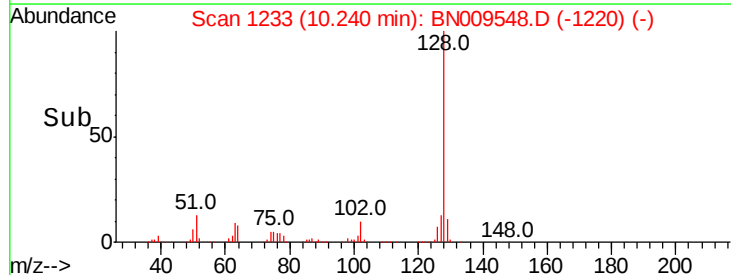
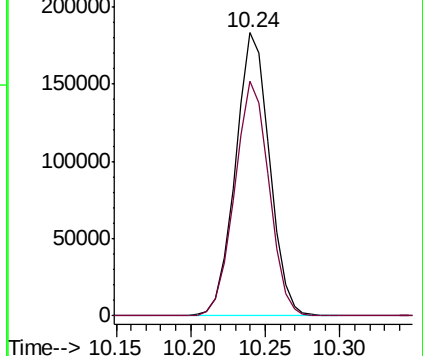
127 100

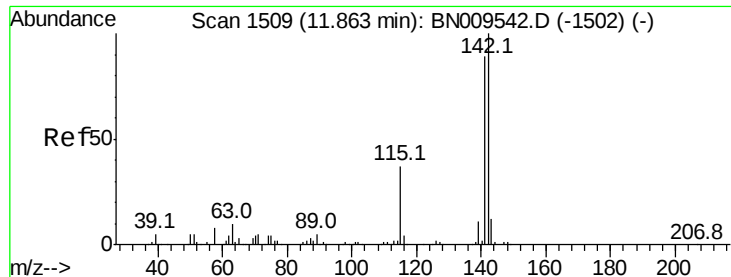
129 82.9 25.2 37.8#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

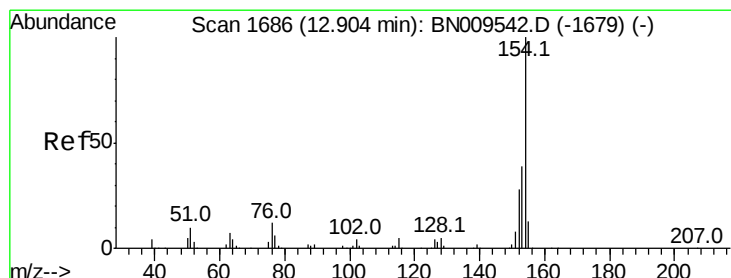
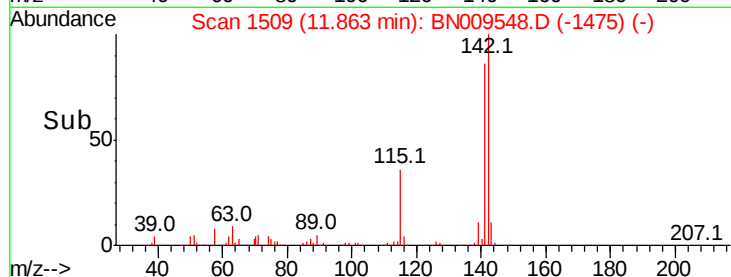
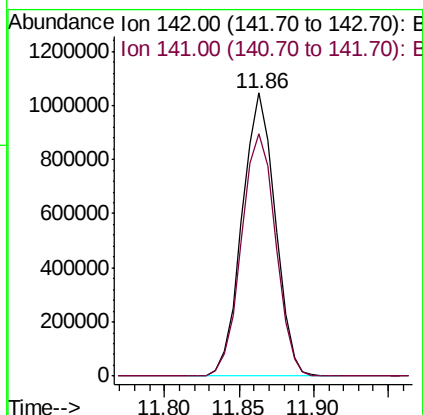
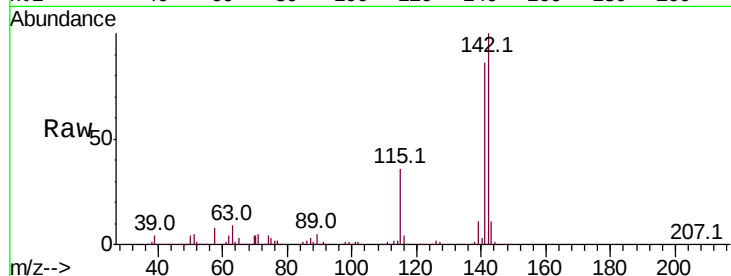




#34
 2-Methylnaphthalene
 Concen: 79.835 ng/ul
 RT: 11.86 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BN009548.D
 Acq: 04 Feb 2020 02:58

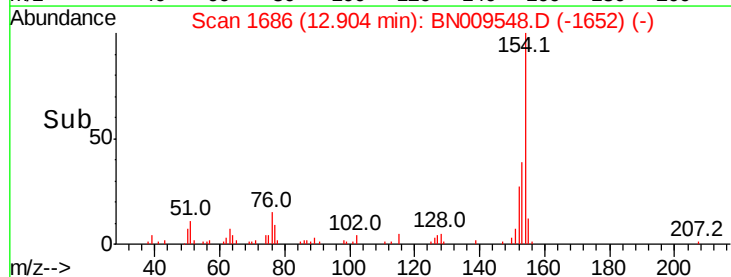
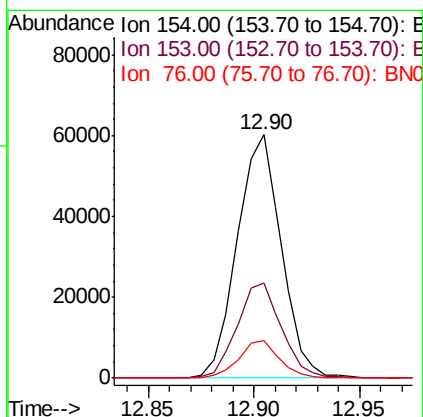
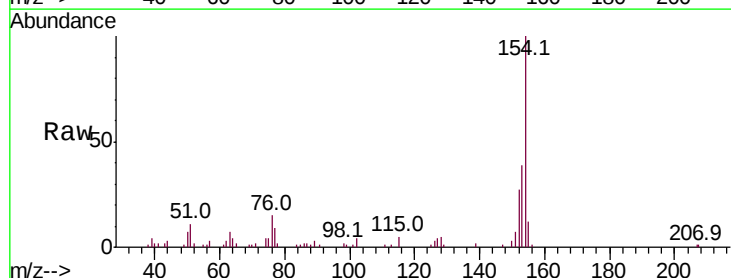
Instrument :
 BNA_N
 ClientSampleId :

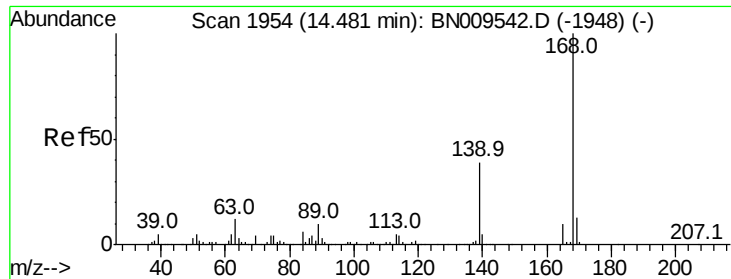
Tot Ion:142 Resp: 1611762
 Ion Ratio Lower Upper
 142 100
 141 85.7 71.5 107.3



#40
 1,1'-Biphenyl
 Concen: 3.359 ng/ul
 RT: 12.90 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BN009548.D
 Acq: 04 Feb 2020 02:58

Tgt Ion:154 Resp: 87293
 Ion Ratio Lower Upper
 154 100
 153 39.3 31.2 46.8
 76 15.2 11.4 17.2





#53

Dibenzenofuran

Concen: 1.190 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN009548.D

Acq: 04 Feb 2020 02:58

Instrument :

BNA_N

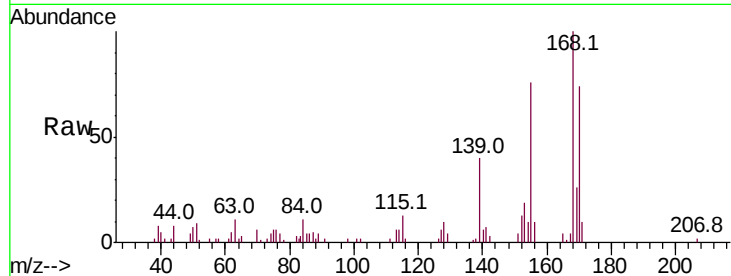
ClientSampled :

Tot Ion:168 Resp: 36283

Ion Ratio Lower Upper

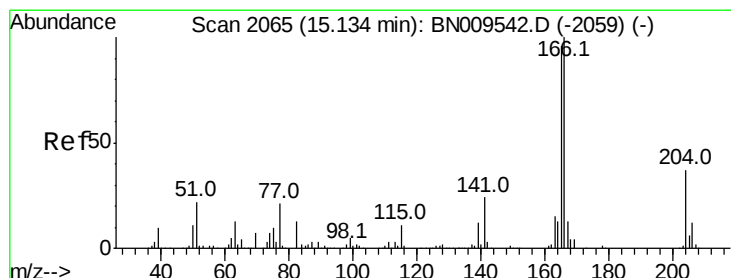
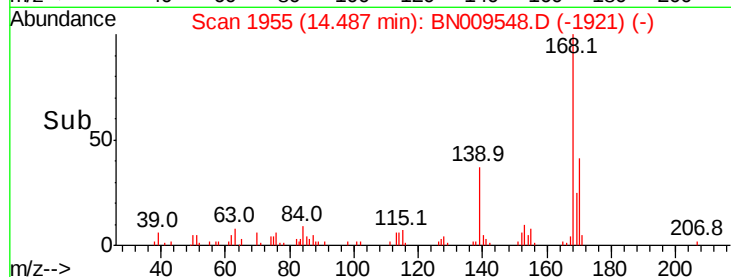
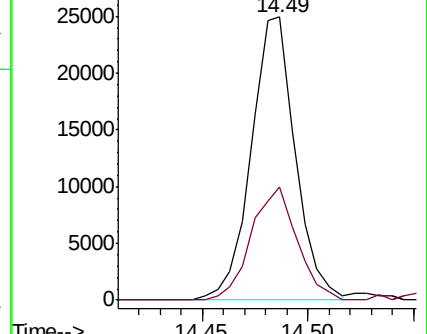
168 100

139 39.9 29.5 44.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 2.494 ng/ul

RT: 15.13 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BN009548.D

Acq: 04 Feb 2020 02:58

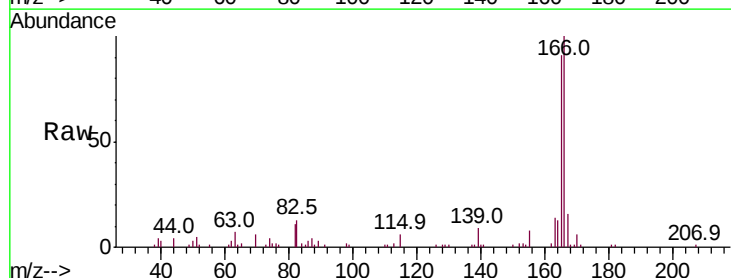
Tgt Ion:166 Resp: 63584

Ion Ratio Lower Upper

166 100

165 90.8 76.7 115.1

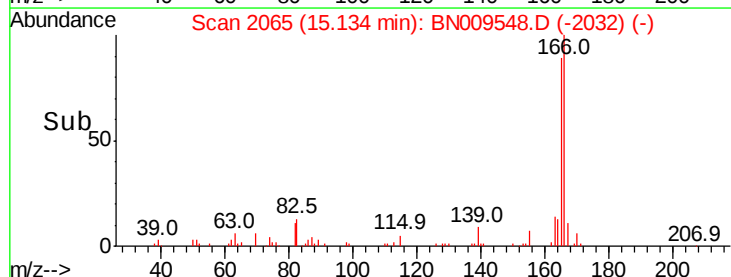
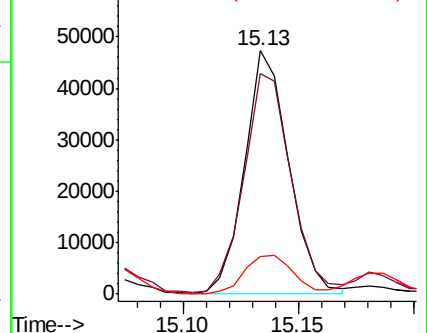
167 15.6 11.1 16.7

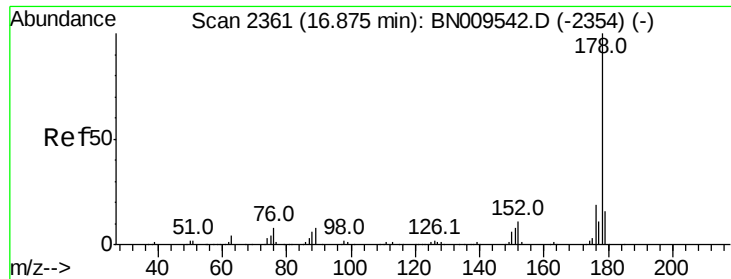


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 17.716 ng/ul

RT: 16.87 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BN009548.D

Acq: 04 Feb 2020 02:58

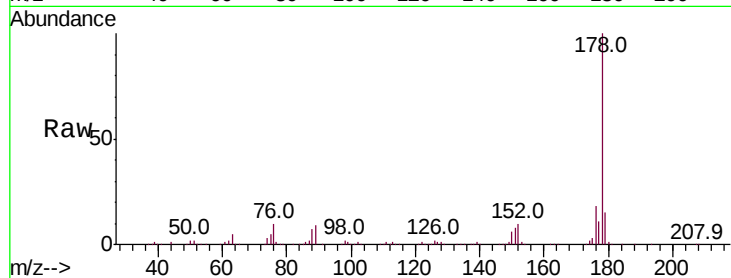
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 710670

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.5	14.8	22.2

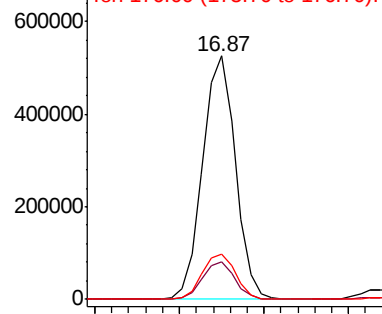


Abundance

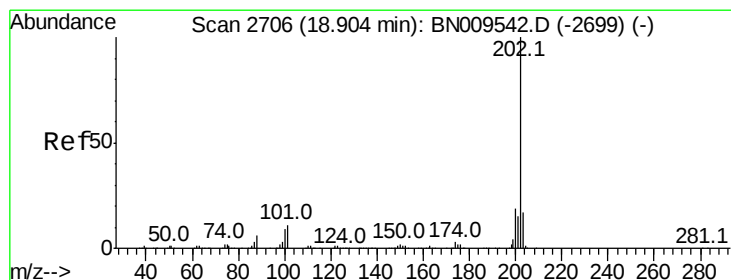
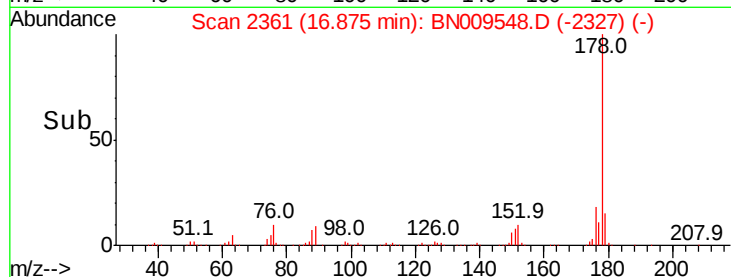
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 16.80 16.85 16.90 16.95



#76

Fluoranthene

Concen: 2.201 ng/ul

RT: 18.90 min Scan# 2705

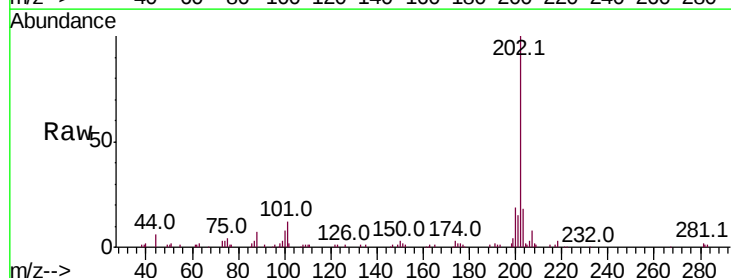
Delta R.T. -0.01 min

Lab File: BN009548.D

Acq: 04 Feb 2020 02:58

Tgt Ion:202 Resp: 100768

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.2	13.8
100	7.7	6.9	10.3

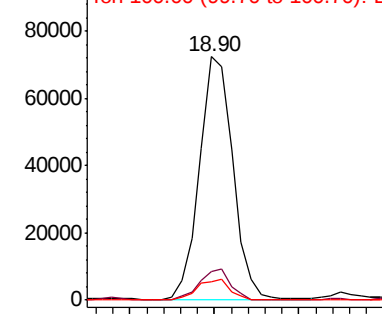


Abundance

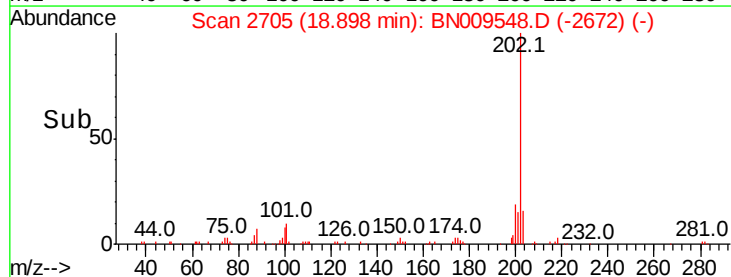
Ion 202.00 (201.70 to 202.70): E

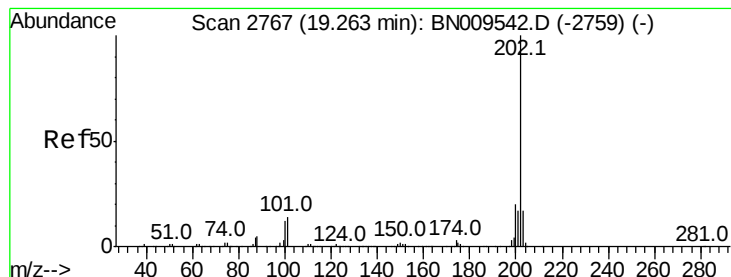
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 18.85 18.90 18.95





#79

Pvrene

Concen: 3.504 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009548.D

Acq: 04 Feb 2020 02:58

Instrument :

BNA_N

ClientSampleId :

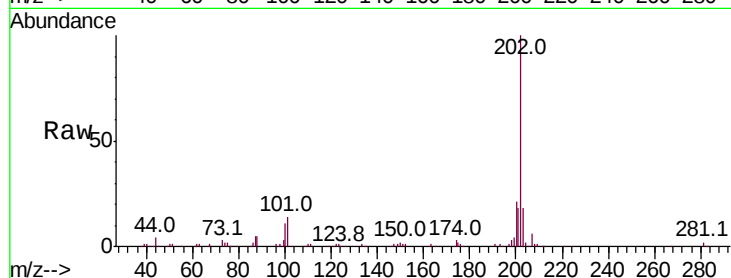
Tot Ion:202 Resp: 162805

Ion Ratio Lower Upper

202 100

101 14.2 10.3 15.5

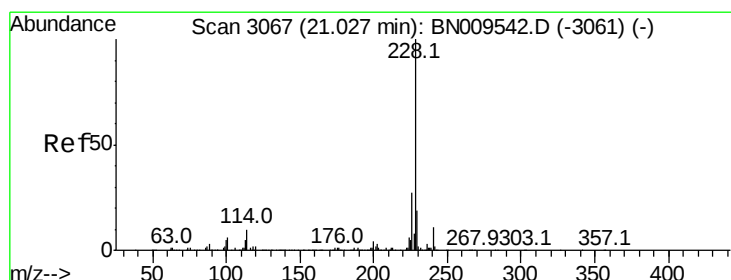
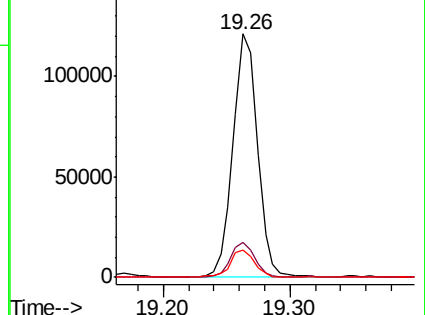
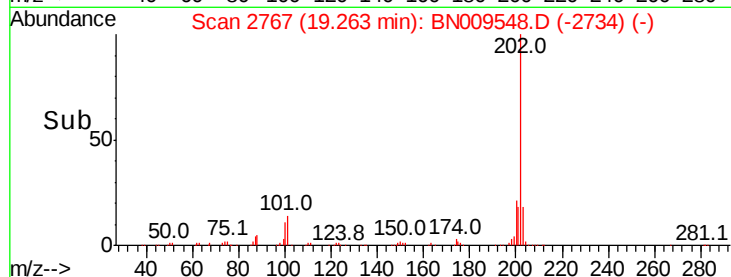
100 11.2 8.4 12.6



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: 1.211 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BN009548.D

Acq: 04 Feb 2020 02:58

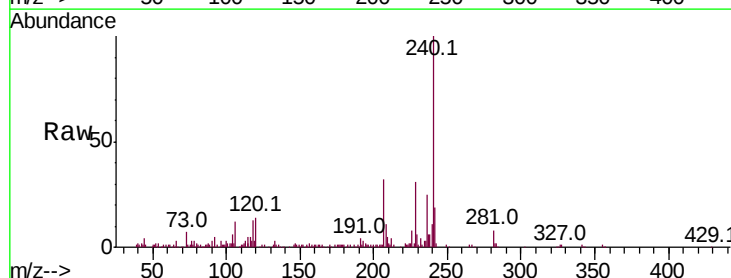
Tgt Ion:228 Resp: 53210

Ion Ratio Lower Upper

228 100

229 20.8 15.0 22.4

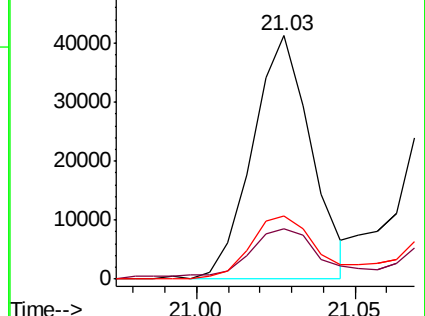
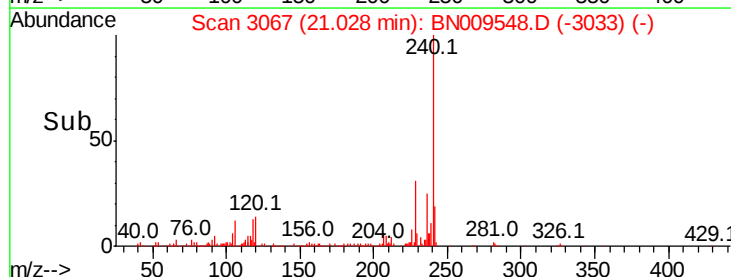
226 25.9 20.9 31.3

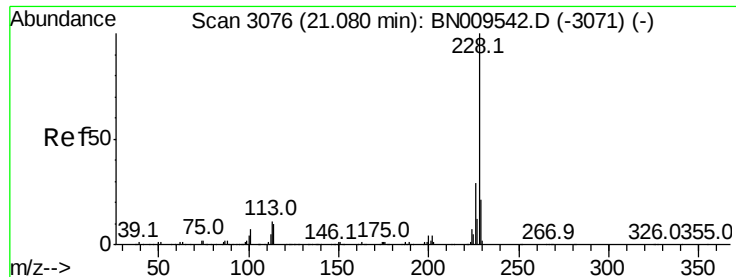


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.135 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009548.D

Acq: 04 Feb 2020 02:58

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 228 Resp: 49681

Ion Ratio Lower Upper

228 100

226 29.2 23.5 35.3

229 18.4 15.8 23.8

