

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009552.D
 Acq On : 04 Feb 2020 05:21
 Operator : CG/JU
 Sample : L1271-11DL 25X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 04 06:11:35 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	136483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	573752	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	366863	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	761213	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	745903	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	802831	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	5876	0.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	4887	0.61	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	4653	0.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	4288	0.45	ng/ul	0.01
19) Nitrobenzene-d5	8.60	128	1848	0.43	ng/ul	0.01
22) 2-Nitrophenol-d4	9.30	143	2227	0.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	4247	0.48	ng/ul	0.02
29) 4-Chloroaniline-d4	10.32	131	3617	0.38	ng/ul	-0.02
43) Dimethylphthalate-d6	13.50	166	21698	0.81	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	21302	0.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	1445	0.29	ng/ul	-0.01
57) Fluorene-d10	15.08	176	18492	0.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	1206	0.25	ng/ul	0.02
70) Anthracene-d10	16.83	188	761213	22.01	ng/ul	-0.10
78) Pyrene-d10	19.23	212	29867	0.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	29682	0.75	ng/ul	0.00

Target Compounds

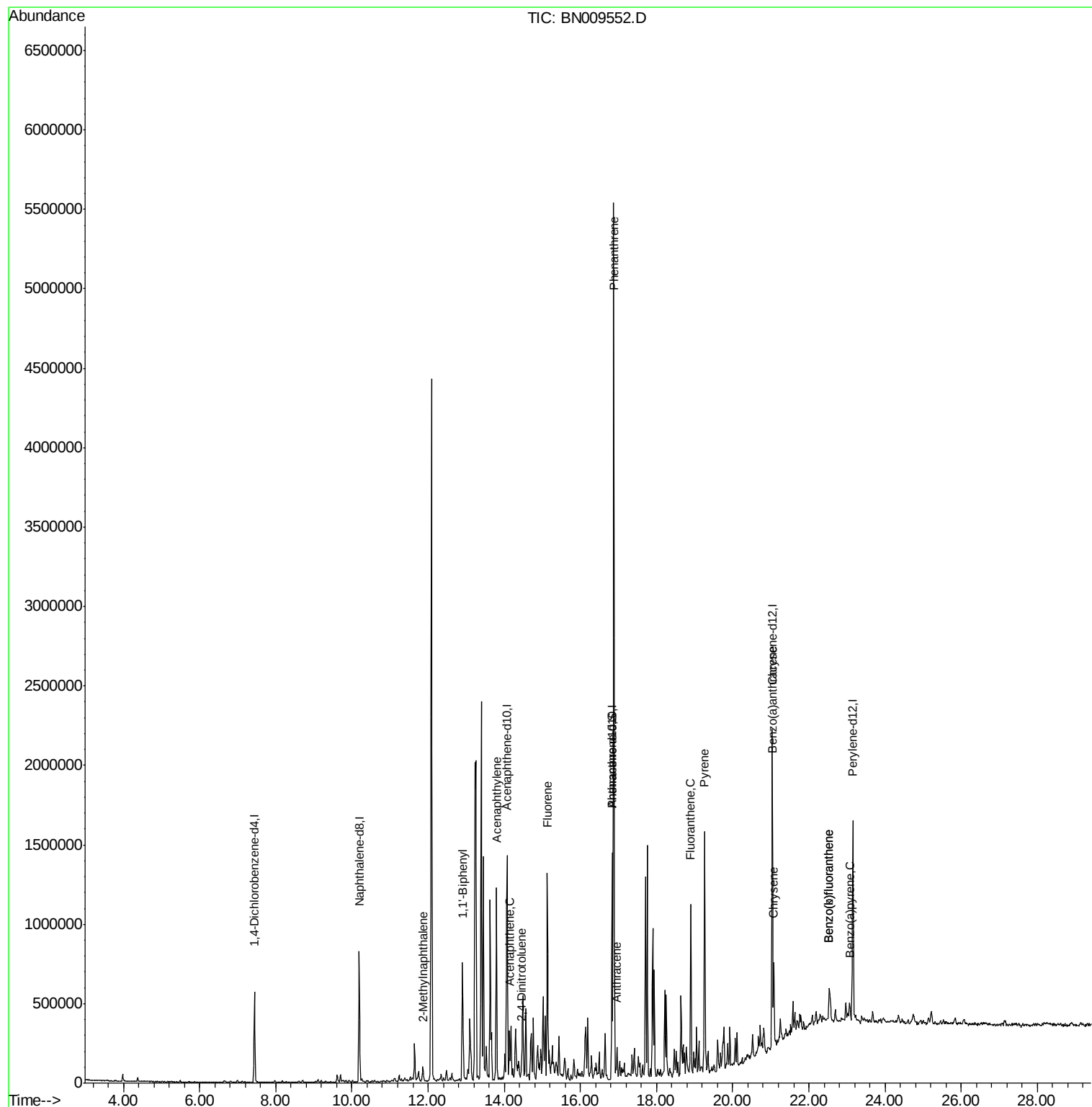
					Ovalue	
34) 2-Methylnaphthalene	11.86	142	35894	1.648	ng/ul	90
40) 1,1'-Biphenyl	12.90	154	348211	12.191	ng/ul	99
47) Acenaphthylene	13.79	152	567709	16.031	ng/ul	98
49) Acenaphthene	14.14	153	91889	3.817	ng/ul	94
54) 2,4-Dinitrotoluene	14.45	165	8462	1.040	ng/ul#	35
58) Fluorene	15.13	166	538406	19.217	ng/ul	95
69) Phenanthrene	16.87	178	3087045	71.112	ng/ul	99
71) Anthracene	16.96	178	111609	2.534	ng/ul	97
76) Fluoranthene	18.90	202	567315	11.450	ng/ul	99
79) Pyrene	19.26	202	868111	15.943	ng/ul	97
82) Benzo(a)anthracene	21.03	228	271850	5.279	ng/ul	94
84) Chrysene	21.08	228	279088	5.443	ng/ul	97
87) Benzo(b)fluoranthene	22.53	252	145538	2.897	ng/ul#	94
88) Benzo(k)fluoranthene	22.53	252	145538	2.942	ng/ul#	93
90) Benzo(a)pyrene	23.06	252	57117	1.227	ng/ul#	94

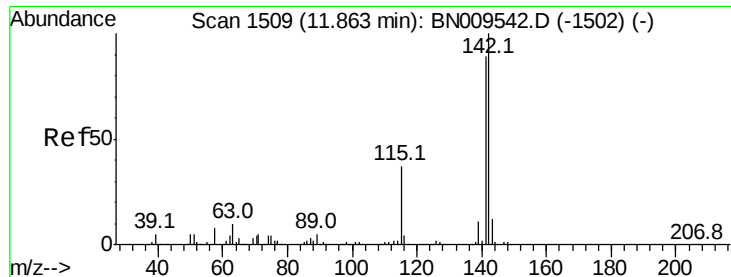
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009552.D
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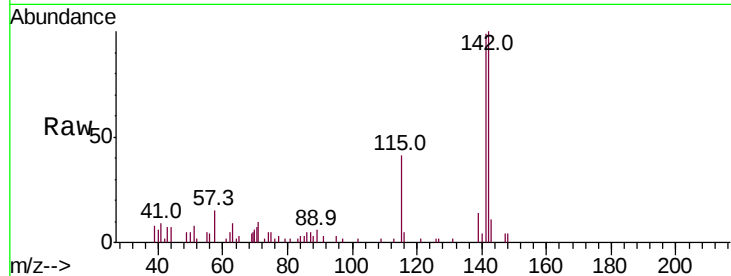




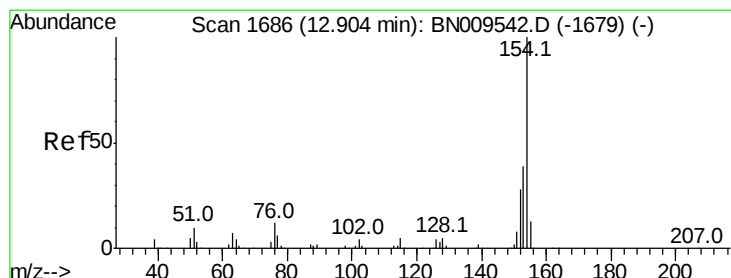
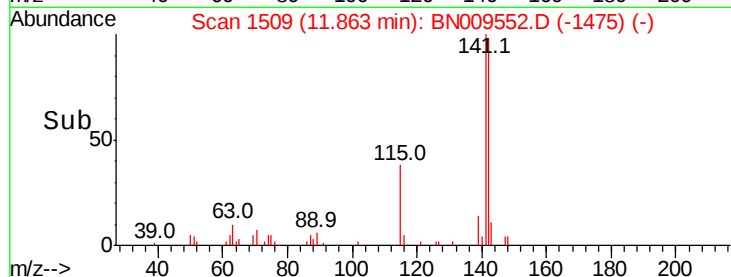
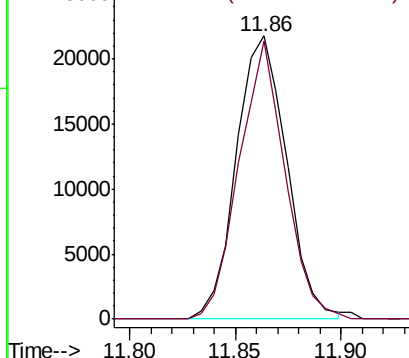
#34
 2-Methylnaphthalene
 Concen: 1.648 ng/ul
 RT: 11.86 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BN009552.D
 Acq: 04 Feb 2020 05:21

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:142 Resp: 35894
 Ion Ratio Lower Upper
 142 100
 141 98.5 71.5 107.3

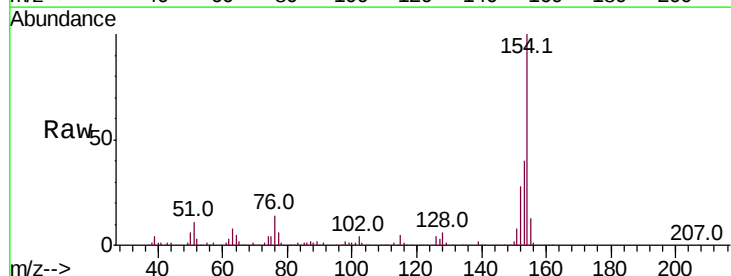


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

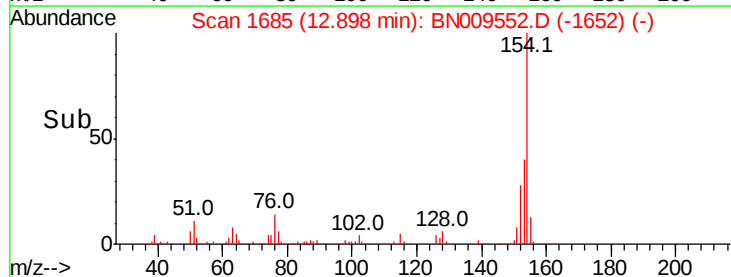
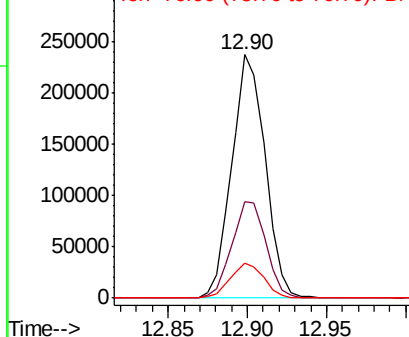


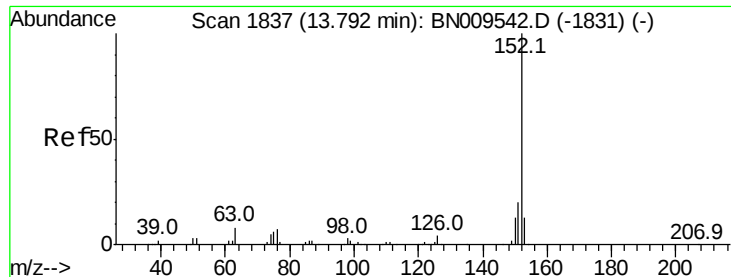
#40
 1,1'-Biphenyl
 Concen: 12.191 ng/ul
 RT: 12.90 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BN009552.D
 Acq: 04 Feb 2020 05:21

Tgt Ion:154 Resp: 348211
 Ion Ratio Lower Upper
 154 100
 153 39.7 31.2 46.8
 76 14.1 11.4 17.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC





#47

Acenaphthylene

Concen: 16.031 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Instrument :

BNA_N

ClientSampled :

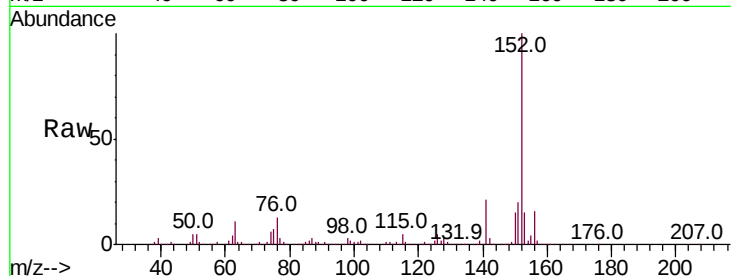
Tot Ion:152 Resp: 567709

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

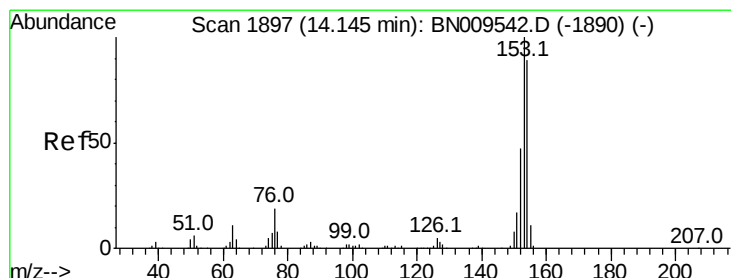
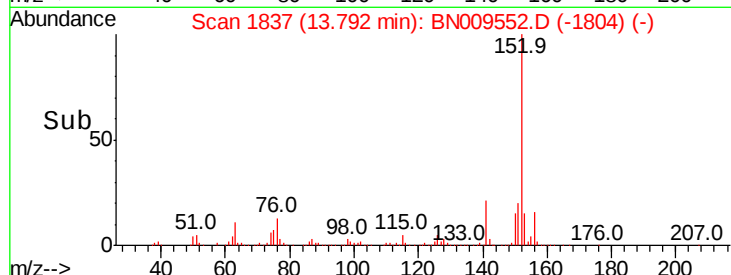
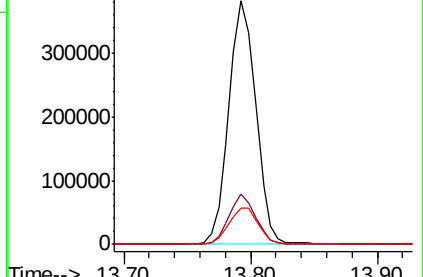
153 14.6 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 3.817 ng/ul

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

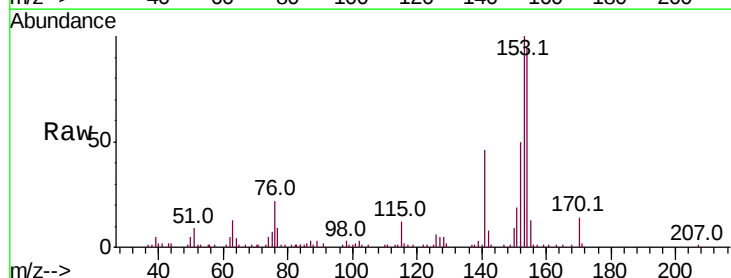
Tgt Ion:153 Resp: 91889

Ion Ratio Lower Upper

153 100

152 49.7 37.3 55.9

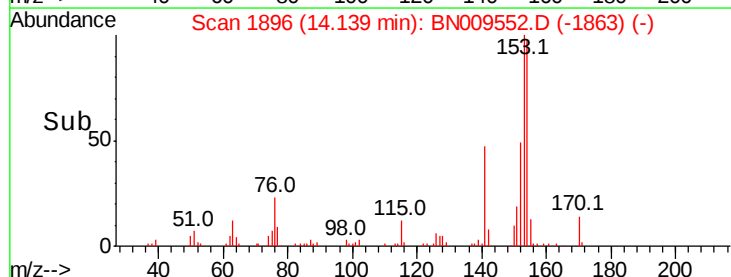
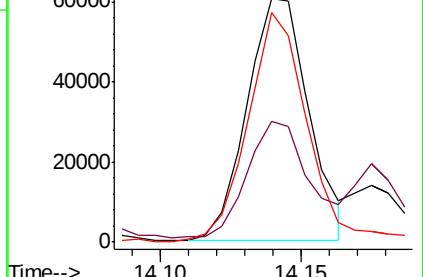
154 94.4 70.2 105.2

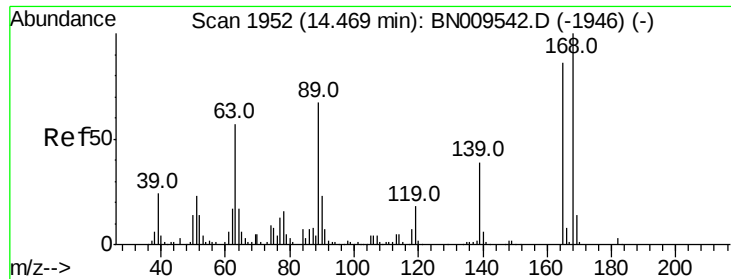


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

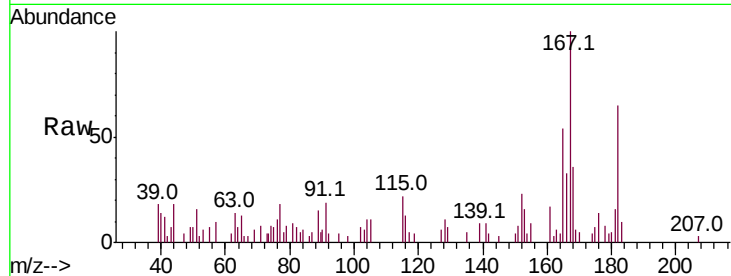




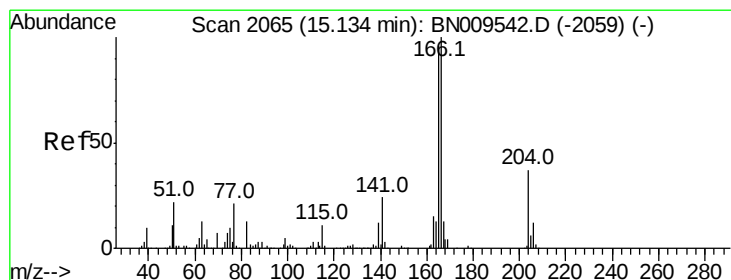
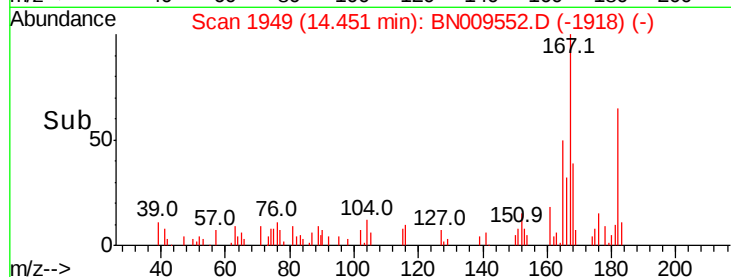
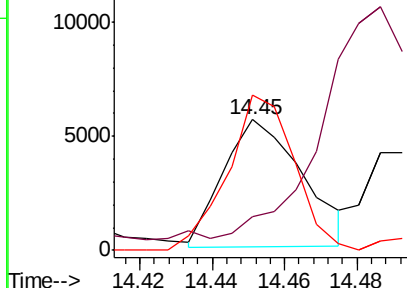
#54
 2,4-Dinitrotoluene
 Concen: 1.040 ng/ul
 RT: 14.45 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BN009552.D
 Acq: 04 Feb 2020 05:21

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 8462
 Ion Ratio Lower Upper
 165 100
 63 25.9 55.0 82.4#
 182 118.7 2.4 3.6#

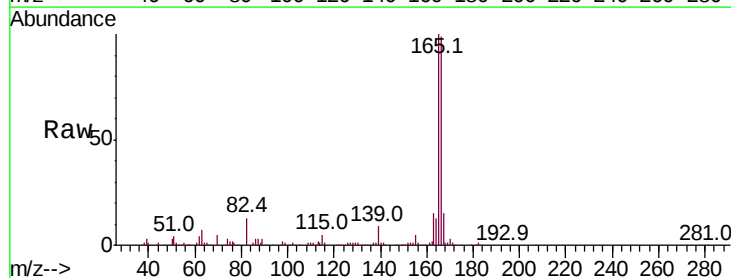


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 182.00 (181.70 to 182.70): E

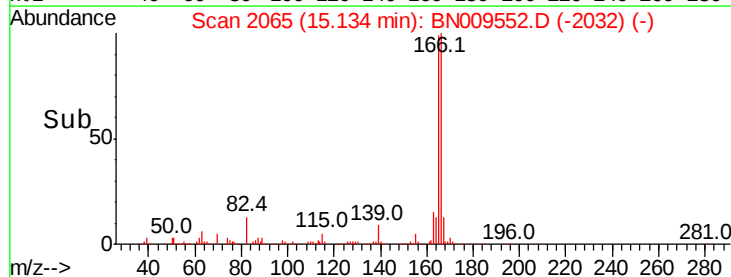
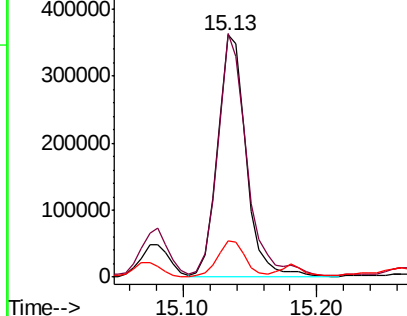


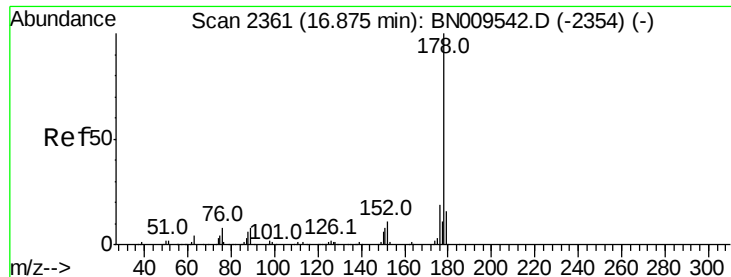
#58
 Fluorene
 Concen: 19.217 ng/ul
 RT: 15.13 min Scan# 2065
 Delta R.T. -0.01 min
 Lab File: BN009552.D
 Acq: 04 Feb 2020 05:21

Tgt Ion:166 Resp: 538406
 Ion Ratio Lower Upper
 166 100
 165 100.6 76.7 115.1
 167 15.2 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: 71.112 ng/ul

RT: 16.87 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

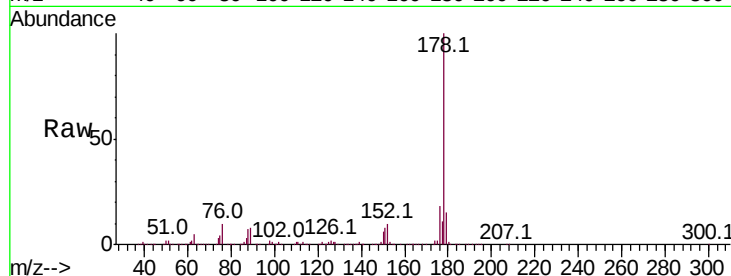
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 3087045

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.1	14.8	22.2

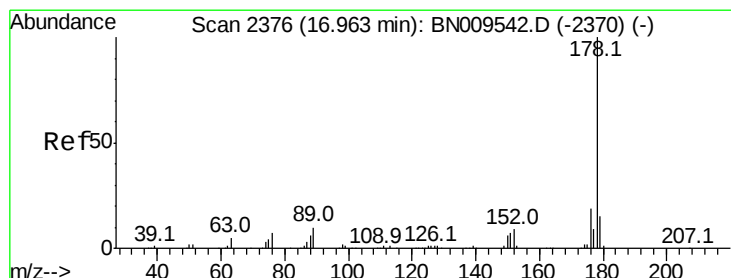
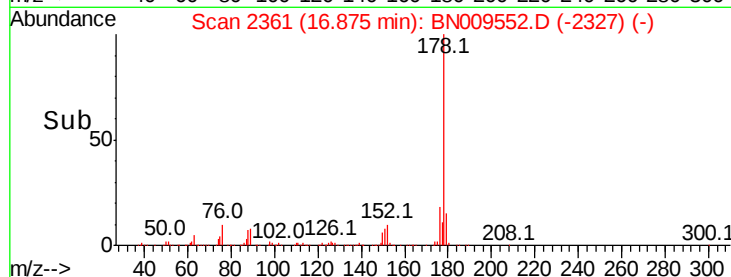
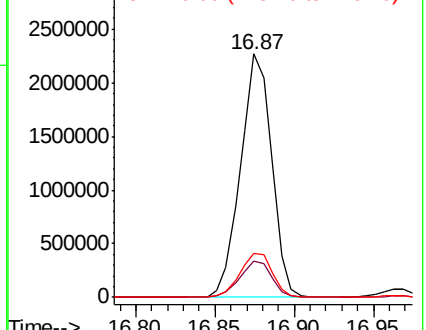


Abundance

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



#71

Anthracene

Concen: 2.534 ng/ul

RT: 16.96 min Scan# 2376

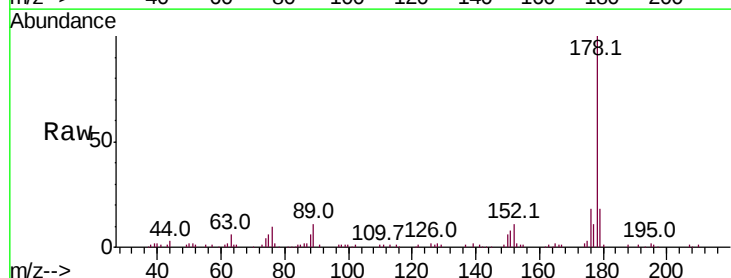
Delta R.T. -0.01 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Tgt Ion:178 Resp: 111609

Ion	Ratio	Lower	Upper
178	100		
179	18.0	12.1	18.1
176	18.1	14.6	21.8

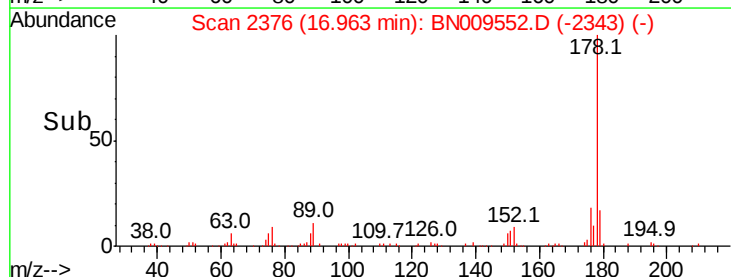
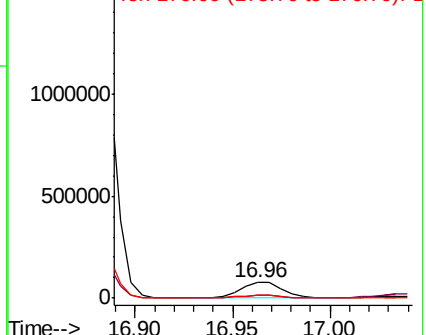


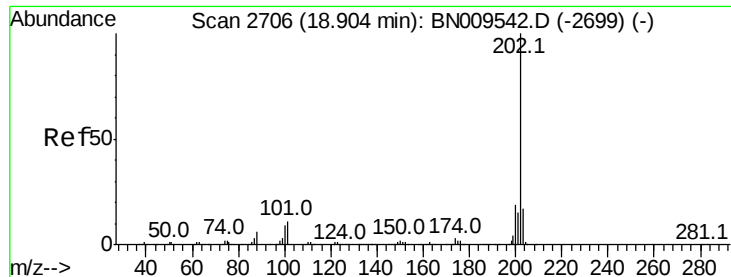
Abundance

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: 11.450 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Instrument :

BNA_N

ClientSampled :

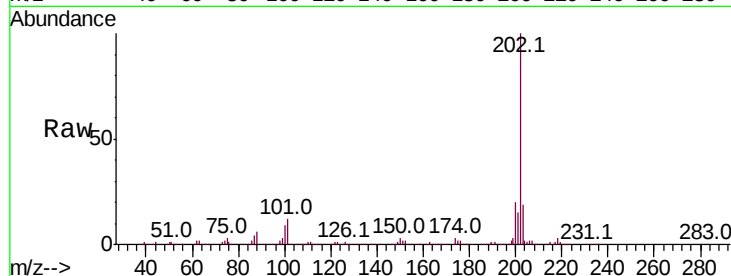
Tot Ion:202 Resp: 567315

Ion Ratio Lower Upper

202 100

101 11.8 9.2 13.8

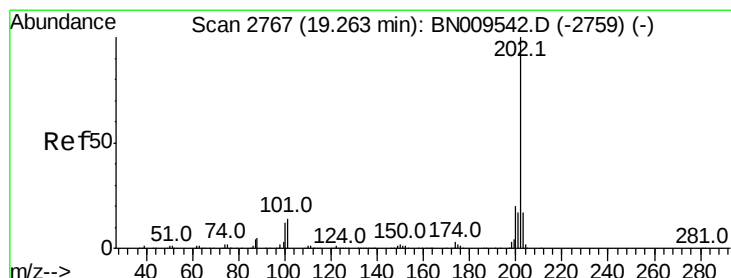
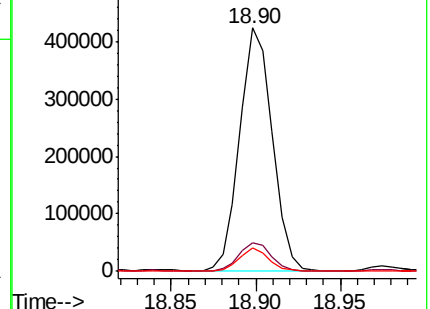
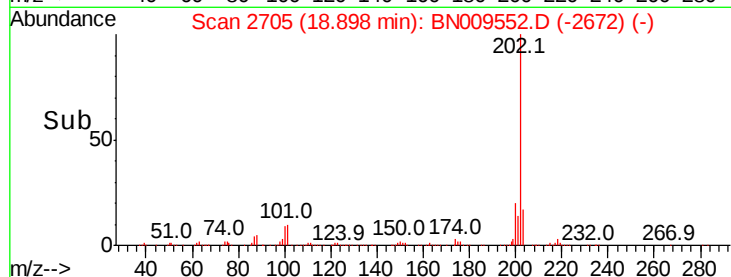
100 9.4 6.9 10.3



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

Pyrene

Concen: 15.943 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

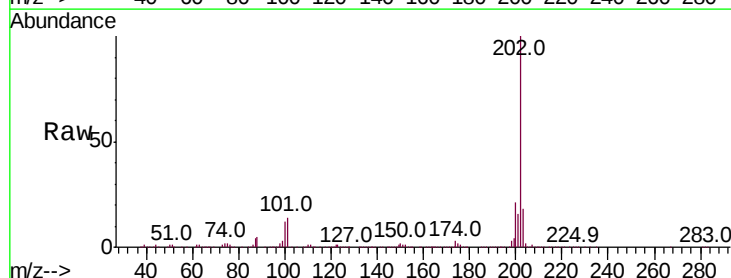
Tgt Ion:202 Resp: 868111

Ion Ratio Lower Upper

202 100

101 14.1 10.3 15.5

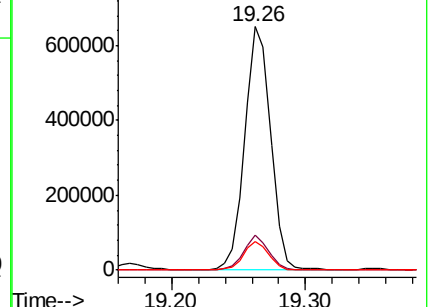
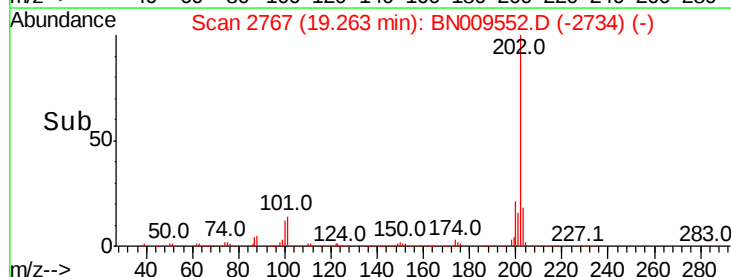
100 11.5 8.4 12.6

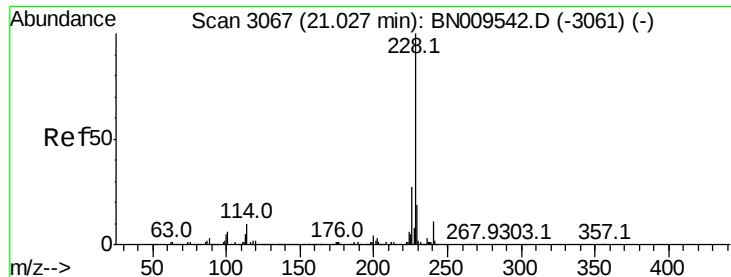


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 5.279 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Instrument :

BNA_N

ClientSampled :

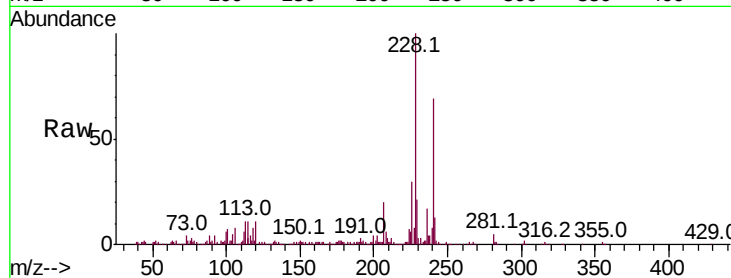
Tot Ion:228 Resp: 271850

Ion Ratio Lower Upper

228 100

229 20.6 15.0 22.4

226 30.0 20.9 31.3

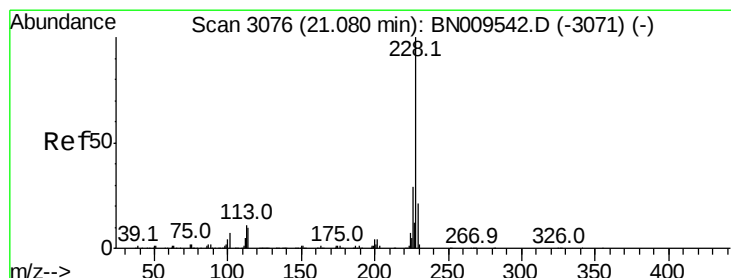
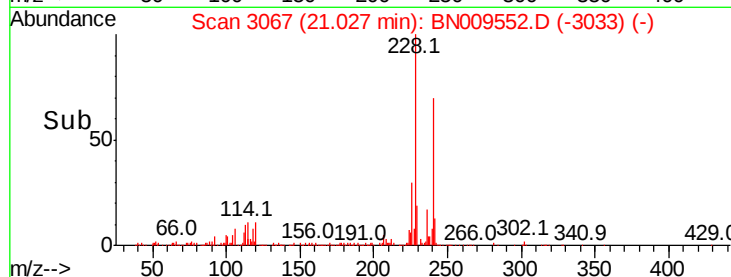
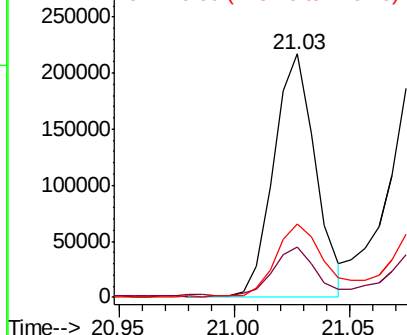


Abundance

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: 5.443 ng/ul

RT: 21.08 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

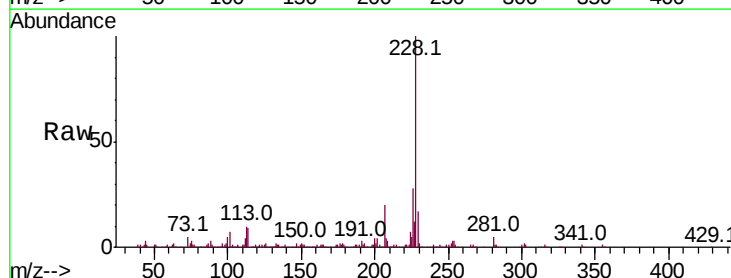
Tgt Ion:228 Resp: 279088

Ion Ratio Lower Upper

228 100

226 28.4 23.5 35.3

229 17.3 15.8 23.8

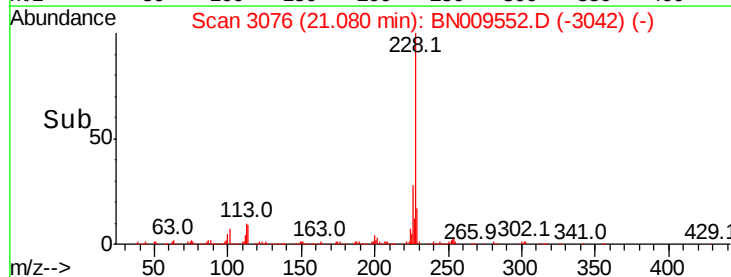
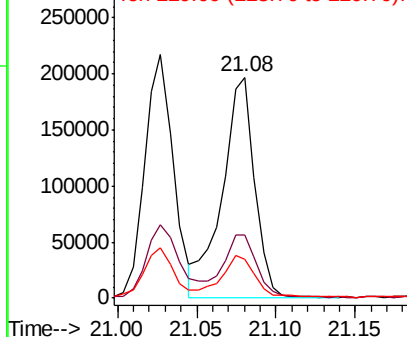


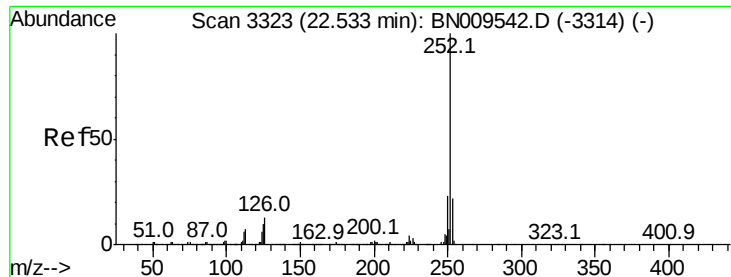
Abundance

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

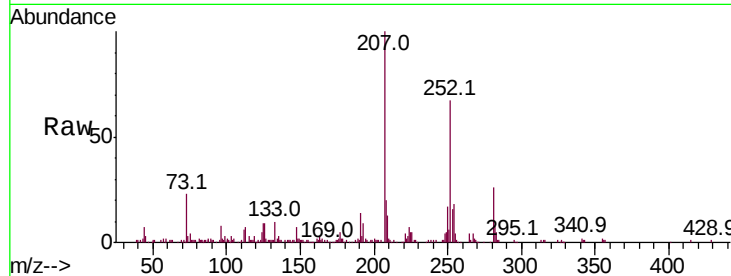




#87
Benzo(b)fluoranthene
Concen: 2.897 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BN009552.D
Acq: 04 Feb 2020 05:21

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	13.6	8.2	12.2

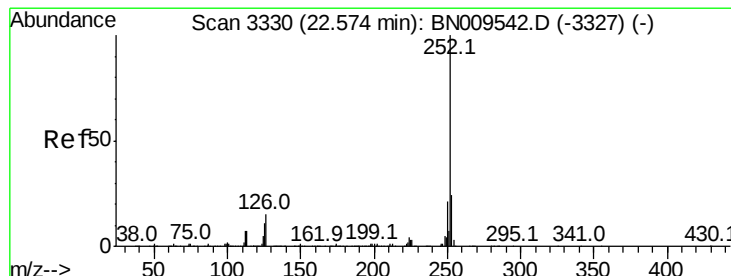
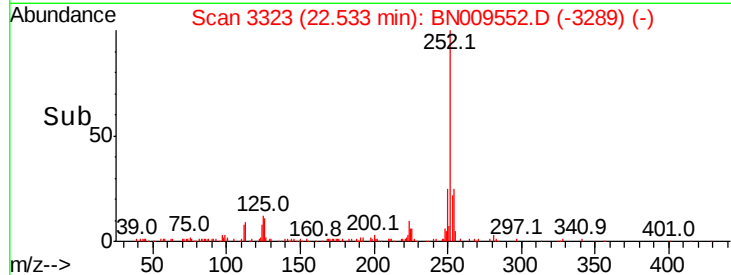
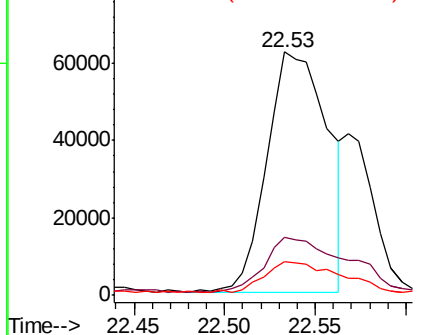


Abundance

Ion 252.00 (251.70 to 252.70): E

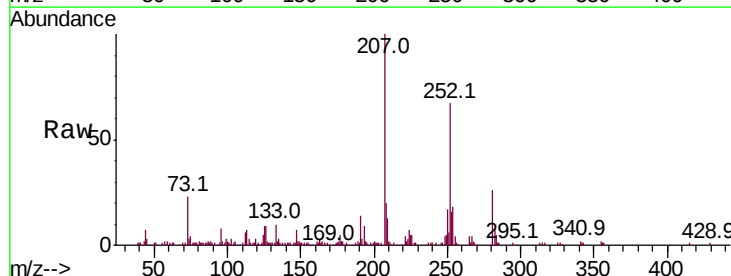
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.942 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.04 min
Lab File: BN009552.D
Acq: 04 Feb 2020 05:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	13.6	8.0	12.0

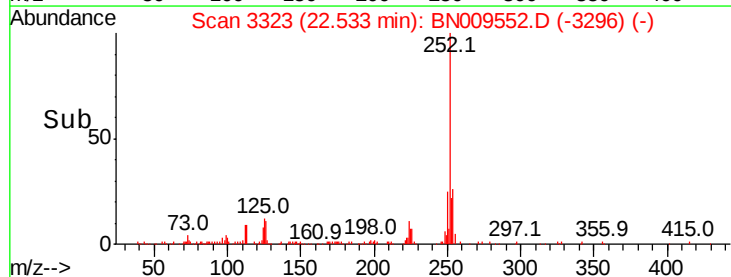
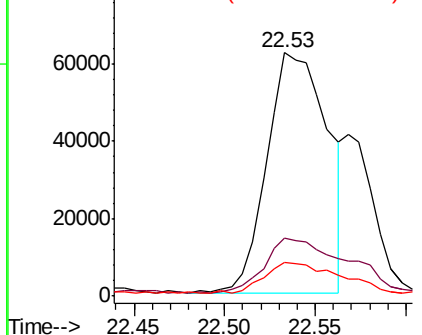


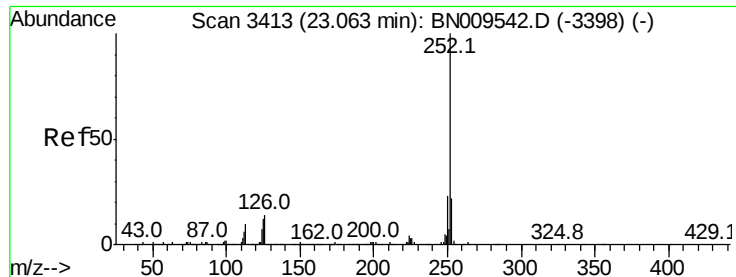
Abundance

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





#90

Benzo(a)pyrene

Concen: 1.227 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009552.D

Acq: 04 Feb 2020 05:21

Instrument :

BNA_N

ClientSampleId :

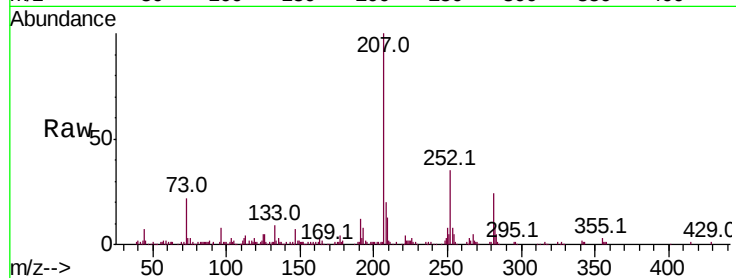
Tot Ion:252 Resp: 57117

Ion Ratio Lower Upper

252 100

253 22.3 15.8 23.8

125 13.8 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

