

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
 Data File : BN009704.D
 Acq On : 11 Feb 2020 13:34
 Operator : CG/JU
 Sample : L1324-16MEDL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT71MEDL

Manual Integrations
 APPROVED

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 2/13/2020 3:33:14 PM

Quant Time: Feb 12 01:36:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 12 00:52:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	139706	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	618198	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	401440	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	845277	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	825813	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	821788	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	708	0.21	ng/uL	0.00
5) Phenol-d5	6.63	99	16438	1.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	12957	1.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	13436	1.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	13970	1.44	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	6231	1.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	5769	1.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.83	165	11556	1.20	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	16938	1.64	ng/ul	0.02
43) Dimethylphthalate-d6	13.49	166	56914	1.94	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	57494	1.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	3139m	0.57	ng/ul	0.04
57) Fluorene-d10	15.07	176	50669	1.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	3210m	0.61	ng/ul	0.01
70) Anthracene-d10	16.92	188	74572	1.94	ng/ul	0.00
78) Pyrene-d10	19.23	212	77223	1.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	72675	1.80	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.22	128	2257661	67.344	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	586911	25.017	ng/ul	100
40) 1,1'-Biphenyl	12.89	154	60547	1.937	ng/ul	99
47) Acenaphthylene	13.78	152	485519	12.530	ng/ul	98
49) Acenaphthene	14.13	153	31608	1.200	ng/ul	96
58) Fluorene	15.12	166	250515	8.172	ng/ul	94
69) Phenanthrene	16.86	178	1170397	24.279	ng/ul	99
71) Anthracene	16.95	178	270984	5.540	ng/ul	98
76) Fluoranthene	18.89	202	435602	7.917	ng/ul	99
79) Pyrene	19.26	202	622332	10.323	ng/ul	98
82) Benzo(a)anthracene	21.02	228	215577m	3.781	ng/ul	
84) Chrysene	21.07	228	168786	2.974	ng/ul	96
87) Benzo(b)fluoranthene	22.53	252	118921	2.313	ng/ul#	95
90) Benzo(a)pyrene	23.06	252	134706	2.828	ng/ul	96

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

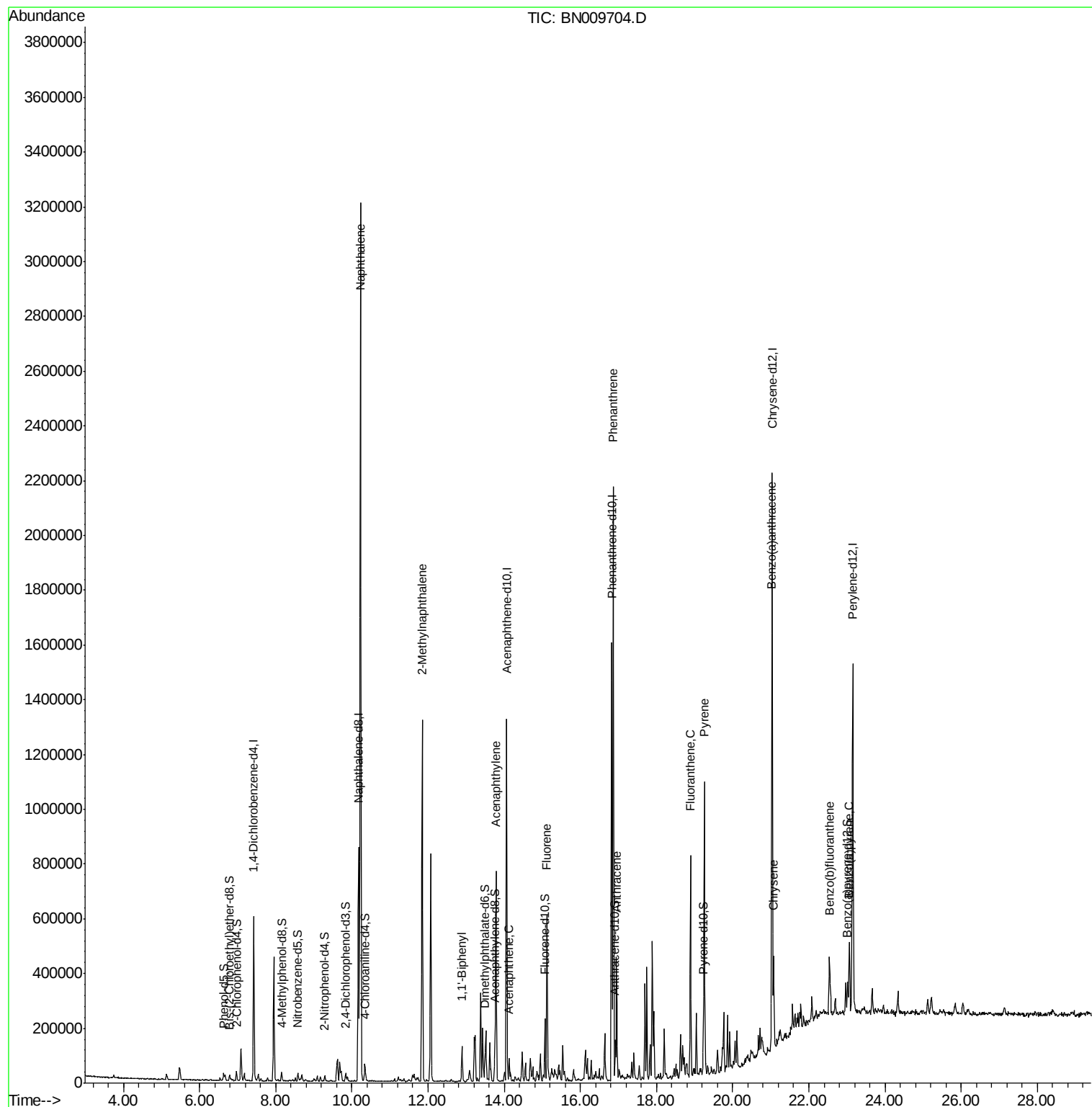
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021120\
Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

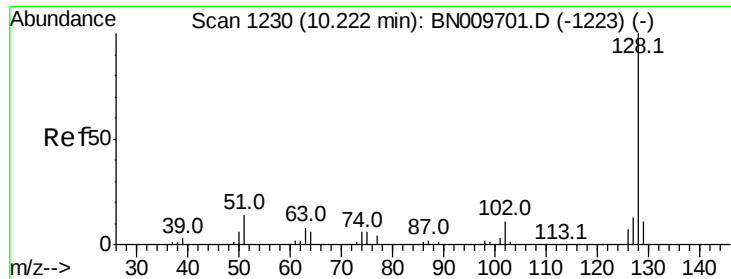
Instrument :
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GAT71MEDL

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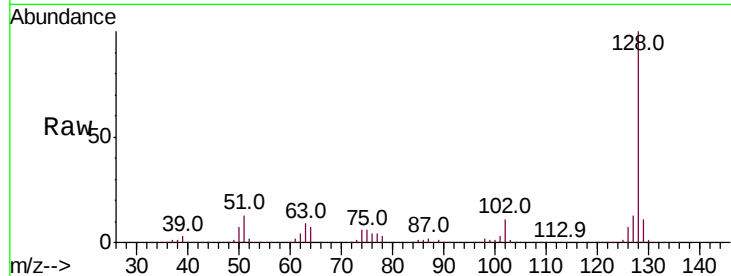
#28
Naphthalene
Concen: 67.344 ng/ul
RT: 10.22 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL

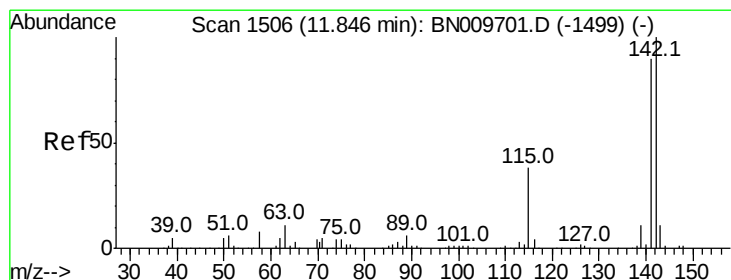
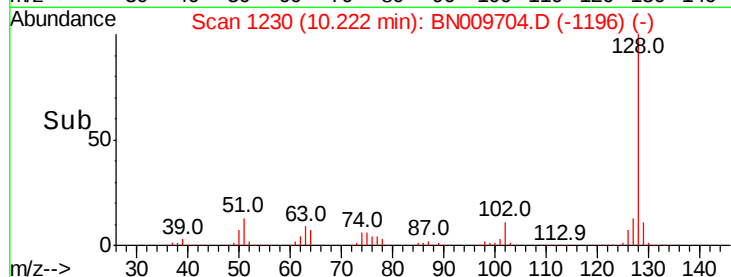
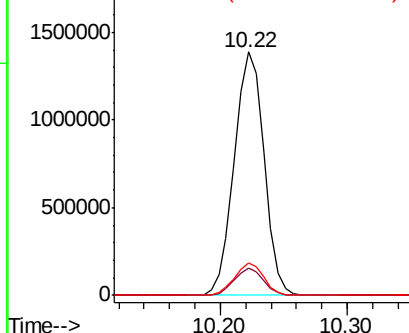
Tot Ion:128 Resp: 2257661
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.3 10.7 16.1

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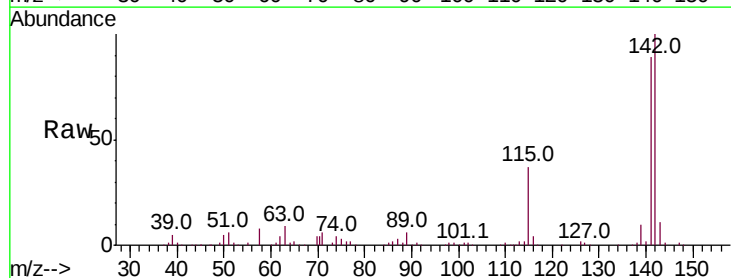


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

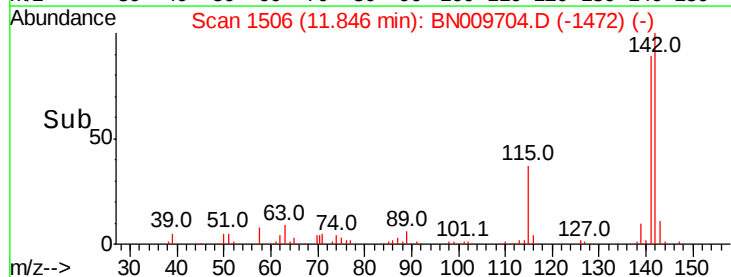
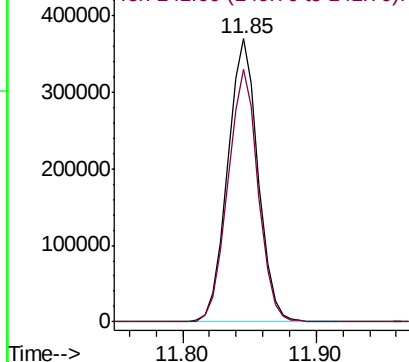


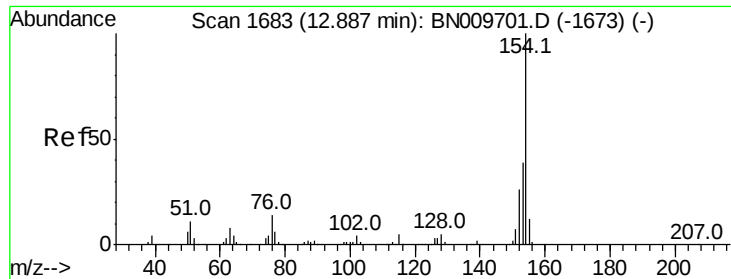
#34
2-Methylnaphthalene
Concen: 25.017 ng/ul
RT: 11.85 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Tgt Ion:142 Resp: 586911
Ion Ratio Lower Upper
142 100
141 89.3 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: 1.937 ng/ul

RT: 12.89 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Instrument :

BNA_N

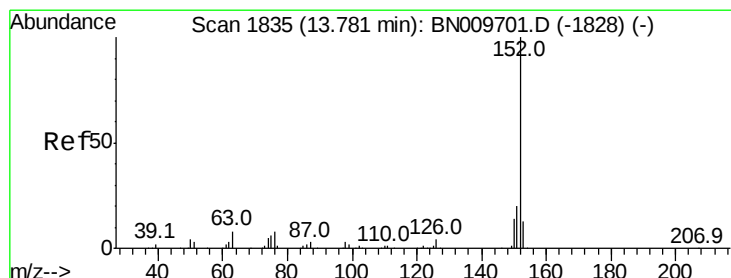
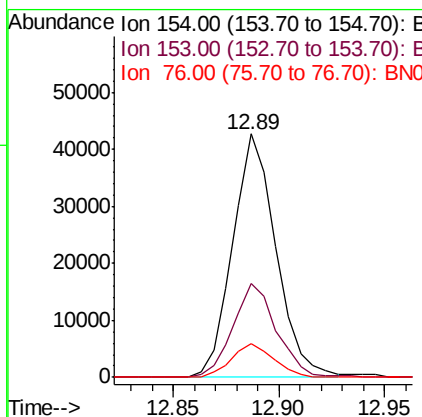
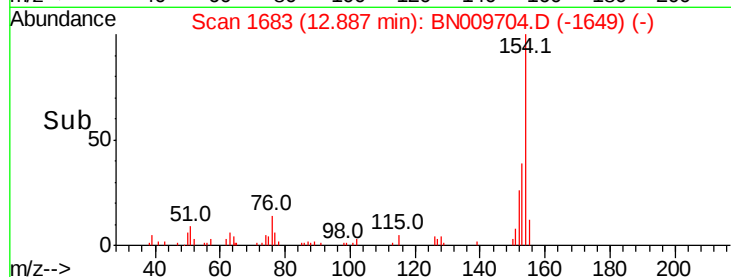
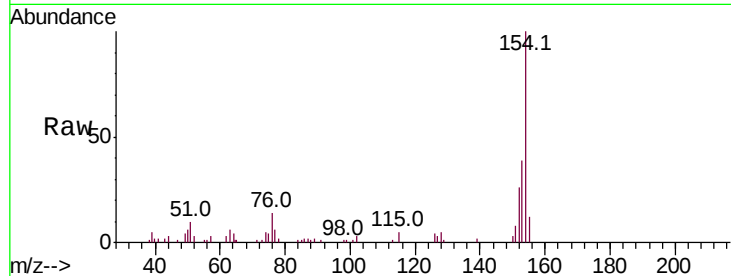
ClientSampleId :

GAT71MEDL

Tot Ion:	154	Resp:	60547
Ion Ratio	Lower	Upper	
154	100		
153	38.8	31.2	46.8
76	13.9	11.4	17.2

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#47

Acenaphthylene

Concen: 12.530 ng/ul

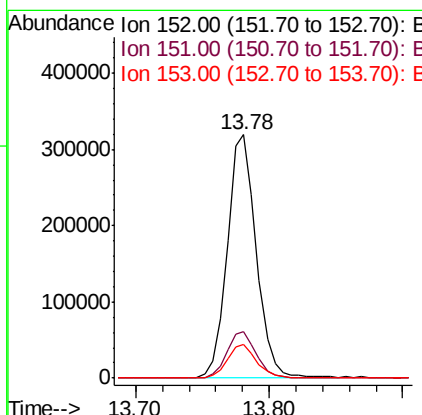
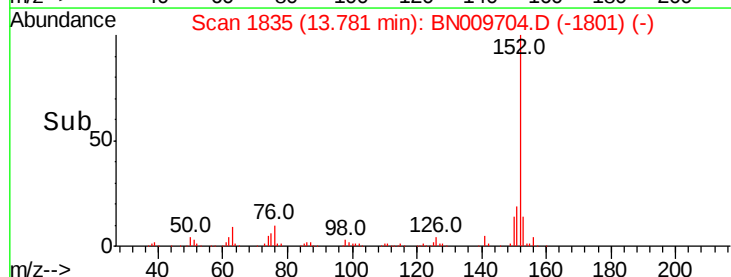
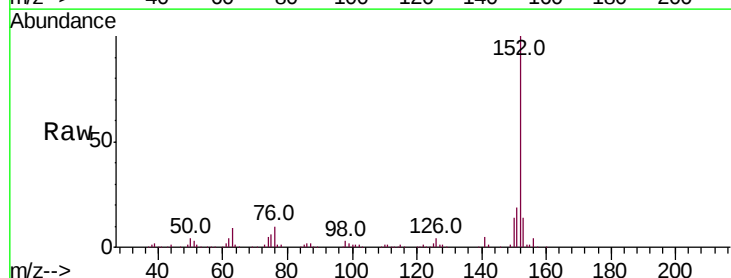
RT: 13.78 min Scan# 1835

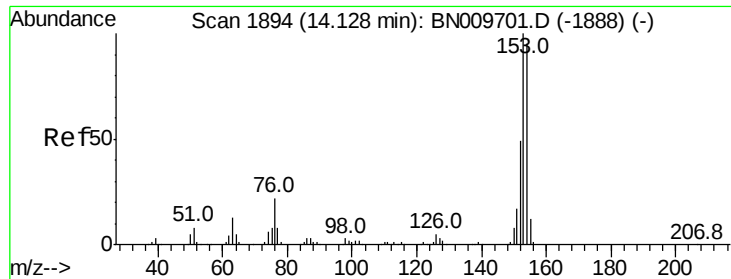
Delta R.T. 0.00 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Tgt Ion:	152	Resp:	485519
Ion Ratio	Lower	Upper	
152	100		
151	19.1	16.2	24.2
153	13.7	10.6	15.8





#49

Acenaphthene

Concen: 1.200 ng/ul

RT: 14.13 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Instrument :

BNA_N

ClientSampled :

GAT71MEDL

Tot Ion:153 Resp: 31608

Ion Ratio Lower Upper

153 100

152 50.1 37.3 55.9

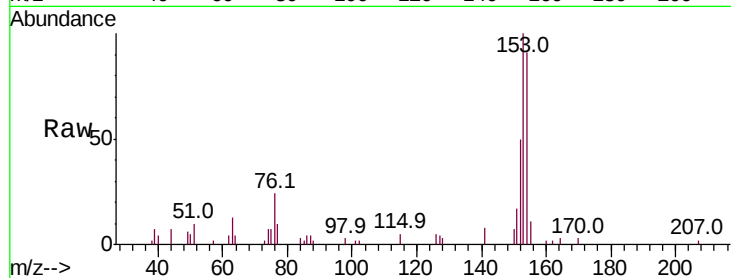
154 90.6 70.2 105.2

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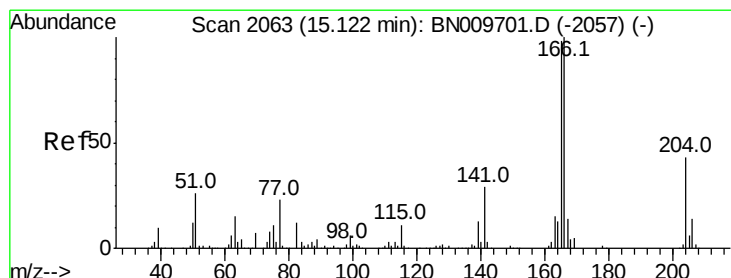
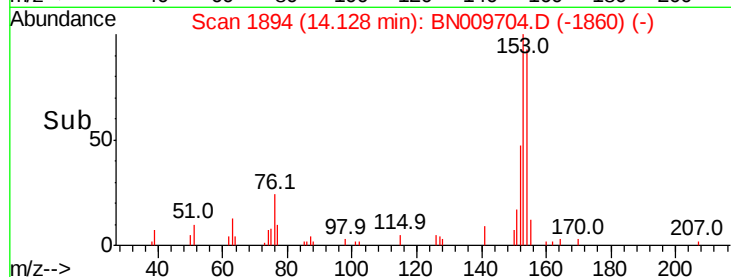
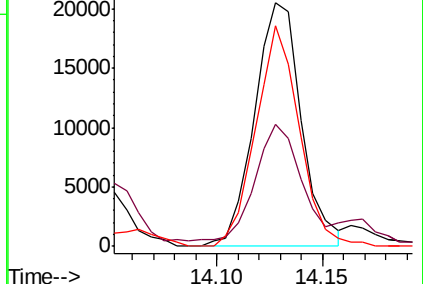
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 8.172 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Tgt Ion:166 Resp: 250515

Ion Ratio Lower Upper

166 100

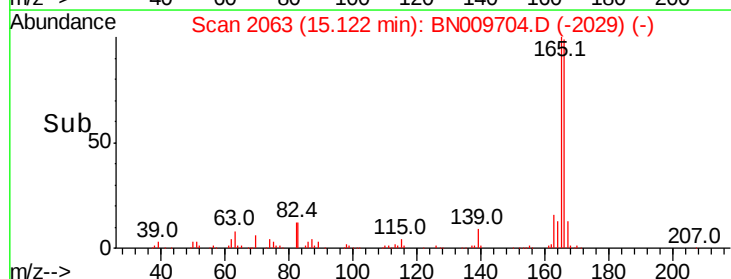
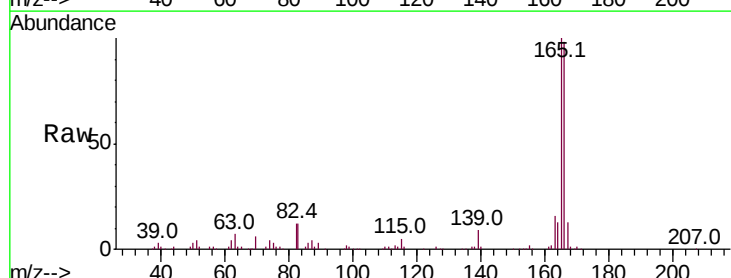
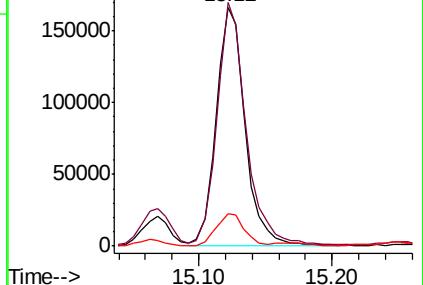
165 102.0 76.7 115.1

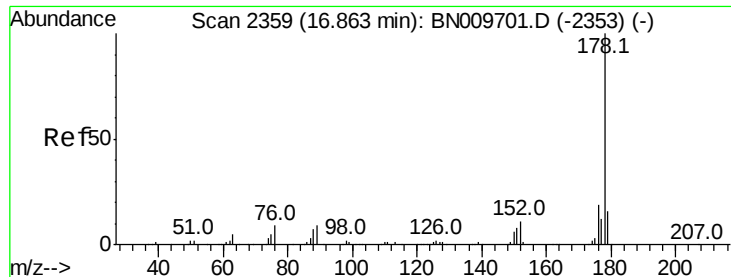
167 13.7 11.1 16.7

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: 24.279 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Instrument :

BNA_N

ClientSampleId :

GAT71MEDL

Tot Ion:178 Resp: 1170397

Ion Ratio Lower Upper

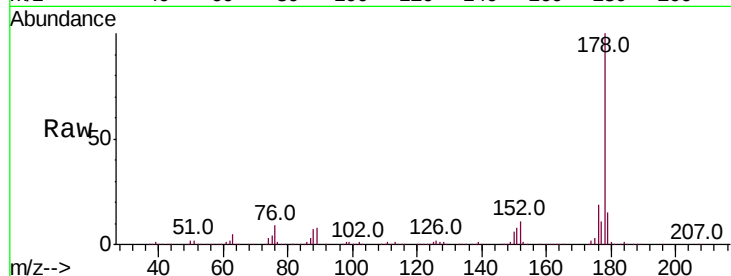
178 100

179 15.2 12.2 18.2

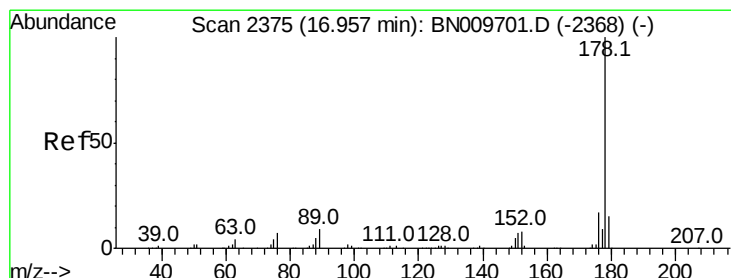
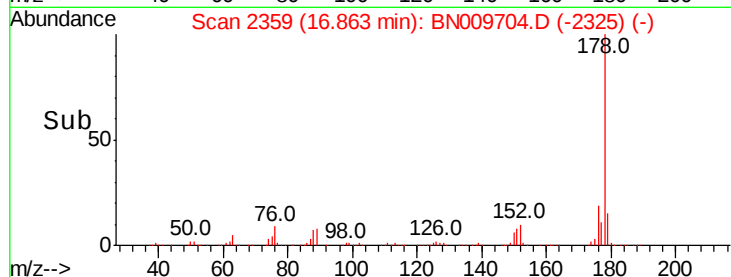
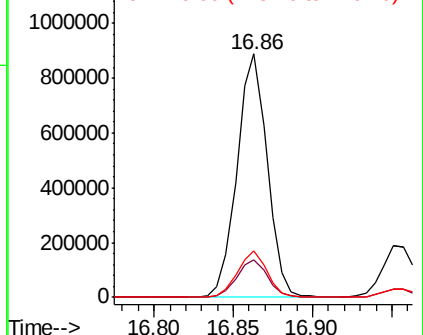
176 19.2 14.8 22.2

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Abundance Ion 178.00 (177.70 to 178.70): E
1200000
Ion 179.00 (178.70 to 179.70): E
1000000
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 5.540 ng/ul

RT: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

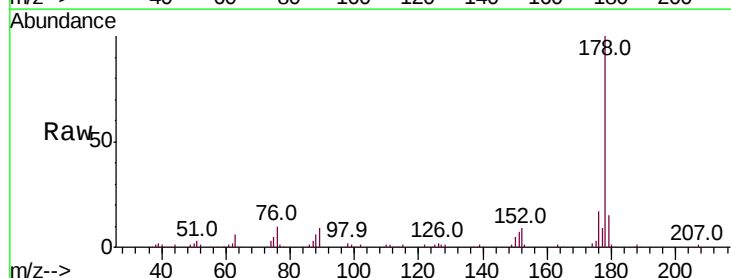
Tgt Ion:178 Resp: 270984

Ion Ratio Lower Upper

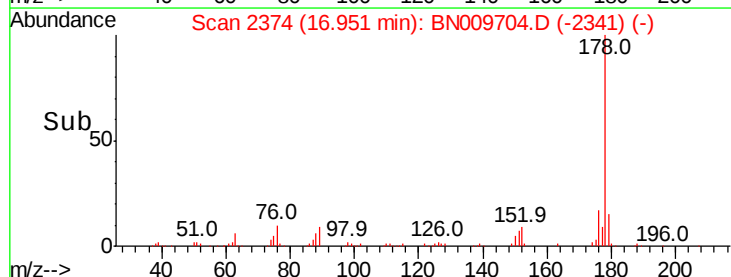
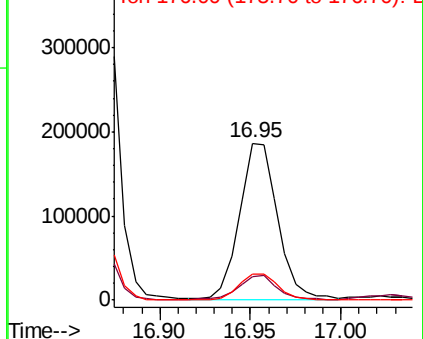
178 100

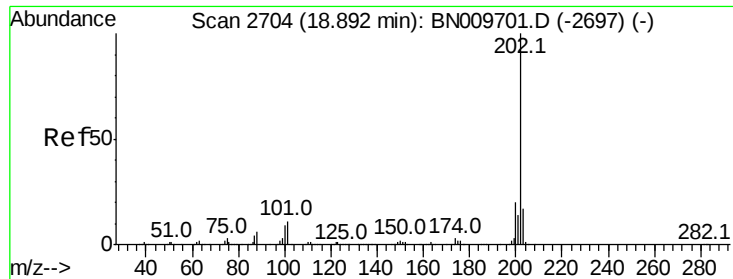
179 15.2 12.1 18.1

176 16.6 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E
400000
Ion 179.00 (178.70 to 179.70): E
300000
Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 7.917 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. 0.00 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Instrument :

BNA_N

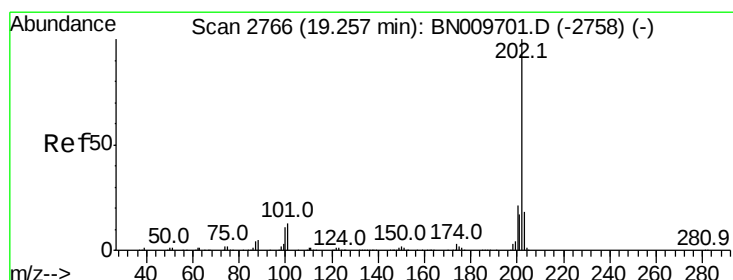
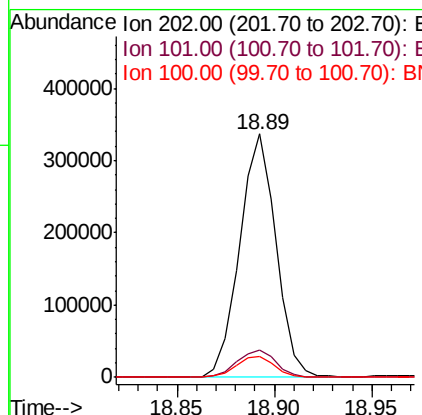
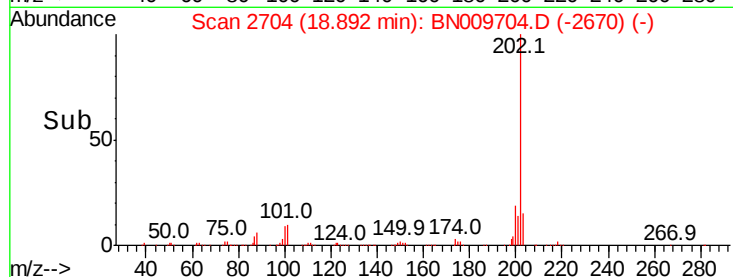
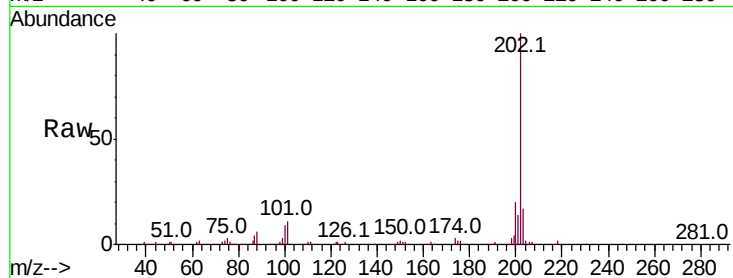
ClientSampleId :

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Tot Ion:	202	Resp:	435602
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.2	13.8
100	8.8	6.9	10.3

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#79

Pyrene

Concen: 10.323 ng/ul

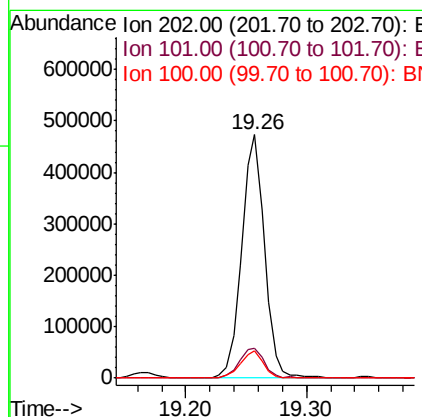
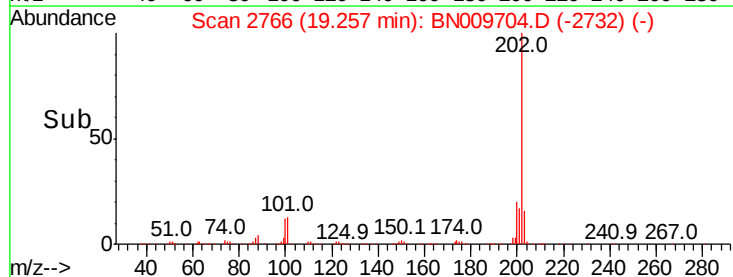
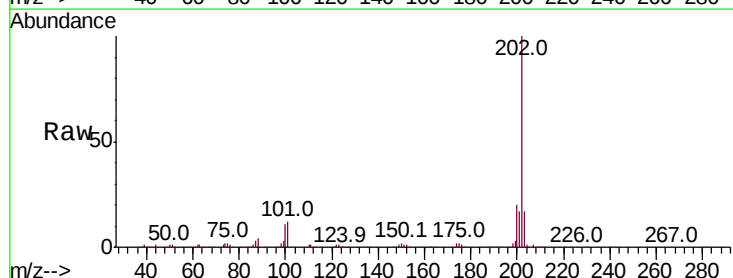
RT: 19.26 min Scan# 2766

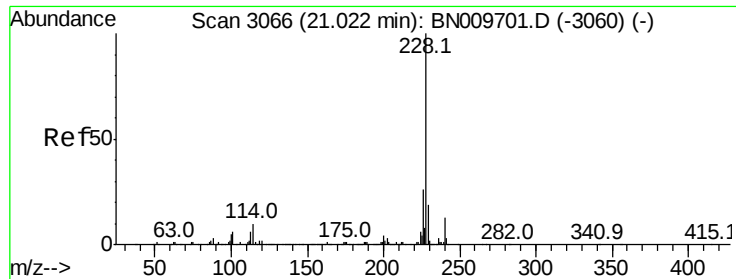
Delta R.T. 0.00 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Tgt Ion:	202	Resp:	622332
Ion Ratio	Lower	Upper	
202	100		
101	12.4	10.3	15.5
100	11.4	8.4	12.6





#82

Benzo(a)anthracene

Concen: 3.781 ng/ul m

RT: 21.02 min Scan# 3066

Delta R.T. 0.00 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Instrument :

BNA_N

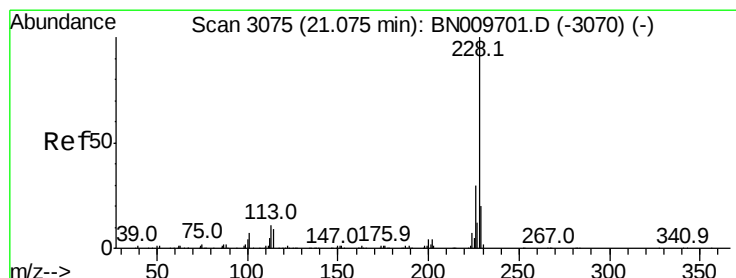
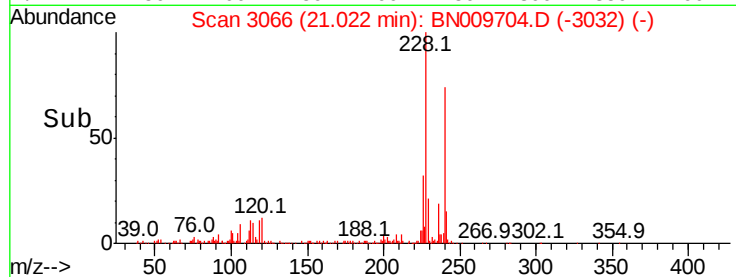
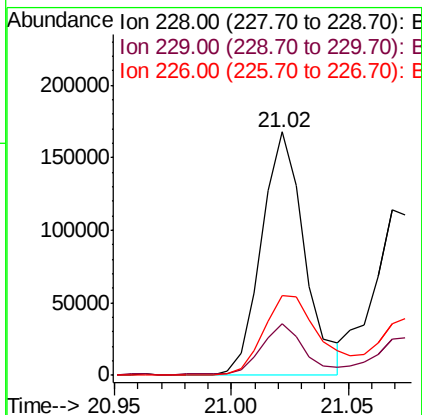
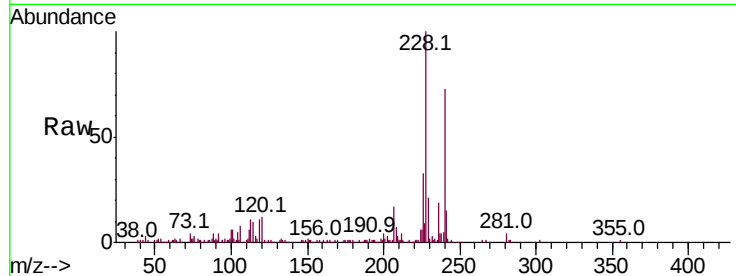
ClientSampleId :

GAT71MEDL

Tot Ion:	228	Resp:	215577
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.0	22.4
226	32.6	20.9	31.3#

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#84

Chrysene

Concen: 2.974 ng/ul

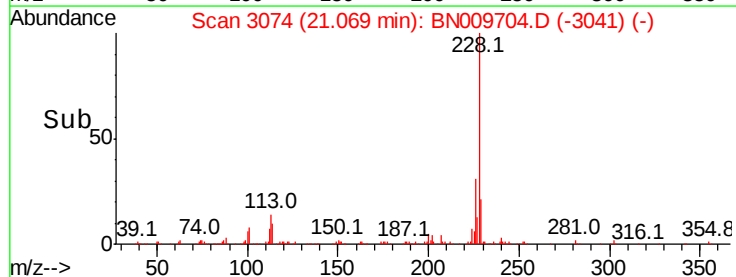
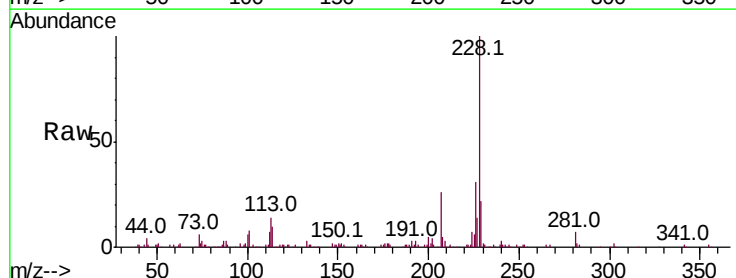
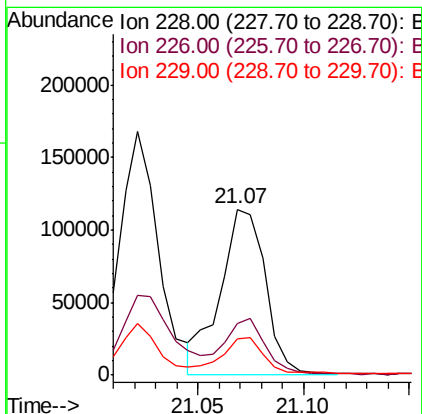
RT: 21.07 min Scan# 3074

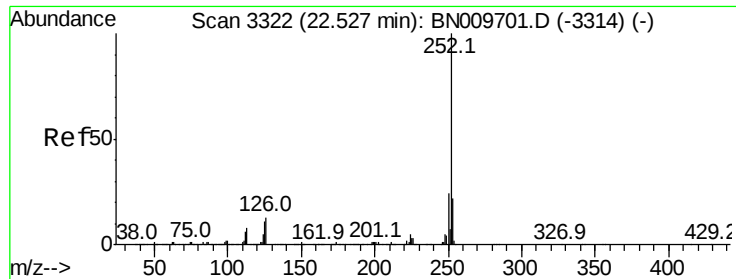
Delta R.T. -0.01 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Tgt Ion:	228	Resp:	168786
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.5	35.3
229	21.7	15.8	23.8





#87

Benzo(b)fluoranthene

Concen: 2.313 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. 0.01 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Instrument :

BNA_N

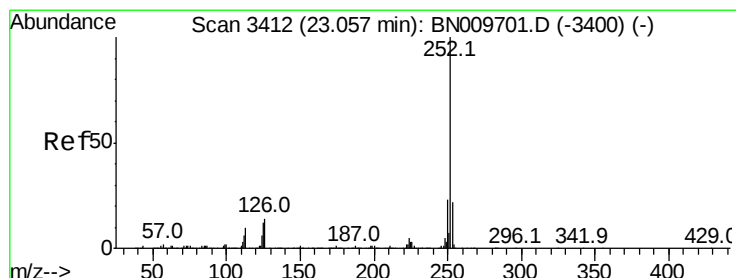
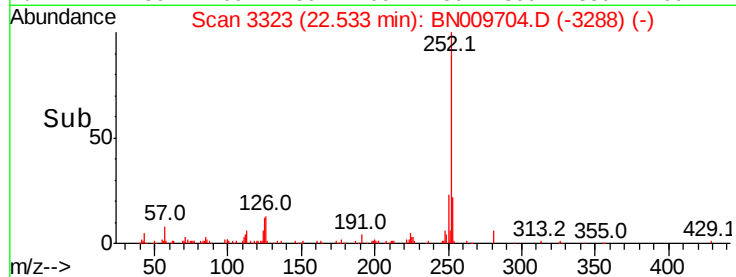
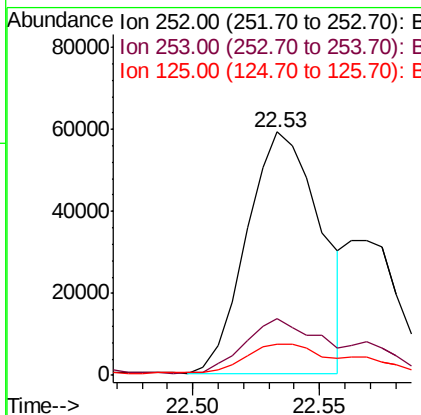
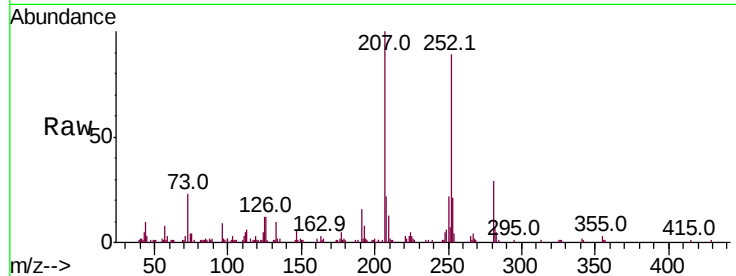
ClientSampleId :

GAT71MEDL

Tot Ion:	252	Resp:	118921
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.0	25.6
125	12.9	8.2	12.2#

Manual Integrations
APPROVED

mohammad
2/13/2020 3:33:14 PM



#90

Benzo(a)pyrene

Concen: 2.828 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. 0.00 min

Lab File: BN009704.D

Acq: 11 Feb 2020 13:34

Tgt Ion:	252	Resp:	134706
Ion Ratio	Lower	Upper	
252	100		
253	22.5	15.8	23.8
125	11.6	8.7	13.1

