

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009652.D
 Acq On : 07 Feb 2020 18:38
 Operator : CG/JU
 Sample : L1324-18DL 30X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT73DL

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:23:37 AM

Quant Time: Feb 07 23:36:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	147650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	610693	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	374215	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	743527	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	701465	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	712114	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	4990m	0.39	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	3133	0.36	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	3983	0.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	3345	0.33	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	1457	0.32	ng/ul	0.02
22) 2-Nitrophenol-d4	9.30	143	1311	0.26	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.86	165	3538	0.37	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	13551	0.50	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	15969	0.48	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.07	176	13864	0.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	16.92	188	23852	0.71	ng/ul	0.00
78) Pyrene-d10	19.23	212	22910	0.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	21455	0.61	ng/ul	0.00

Target Compounds

					Ovalue	
47) Acenaphthylene	13.79	152	346752	9.599	ng/ul	99
58) Fluorene	15.15	166	30143	1.055	ng/ul#	68
69) Phenanthrene	16.87	178	246774	5.820	ng/ul	98
71) Anthracene	16.96	178	205178	4.769	ng/ul	99
76) Fluoranthene	18.90	202	1906897	39.403	ng/ul	100
79) Pyrene	19.26	202	3207339	62.635	ng/ul	97
82) Benzo(a)anthracene	21.03	228	858056m	17.717	ng/ul	
84) Chrysene	21.07	228	895142	18.565	ng/ul	98
87) Benzo(b)fluoranthene	22.54	252	761759m	17.098	ng/ul	
88) Benzo(k)fluoranthene	22.56	252	221517m	5.049	ng/ul	
90) Benzo(a)pyrene	23.06	252	446671	10.821	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.22	276	338196	6.891	ng/ul	92
92) Dibenzo(a,h)anthracene	25.22	278	107693m	2.607	ng/ul	
93) Benzo(g,h,i)perylene	25.84	276	338091	8.220	ng/ul	96

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

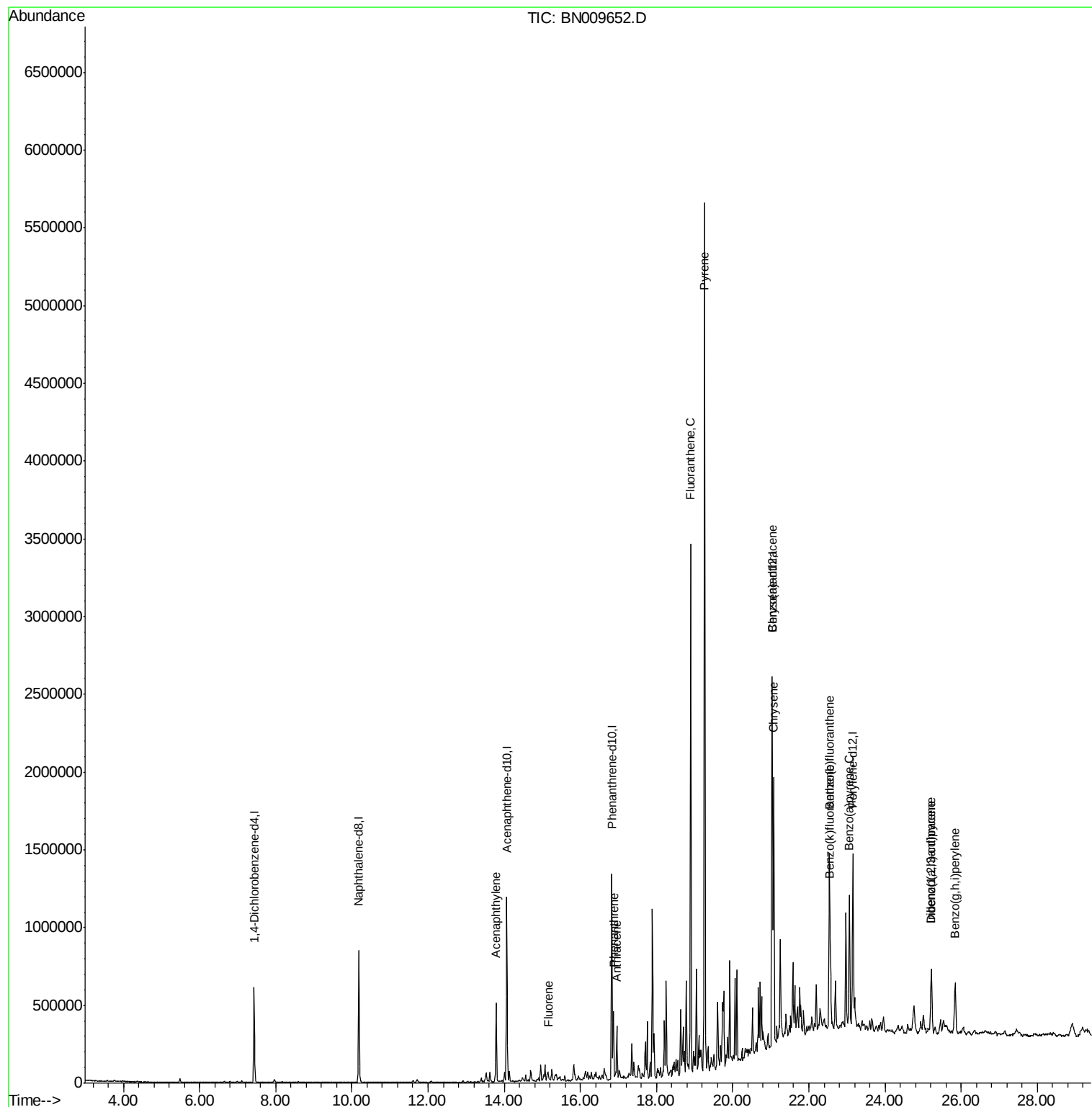
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009652.D
Acq On : 07 Feb 2020 18:38
Operator : CG/JU
Sample : L1324-18DL 30X
Misc :
ALS Vial : 47 Sample Multiplier: 1

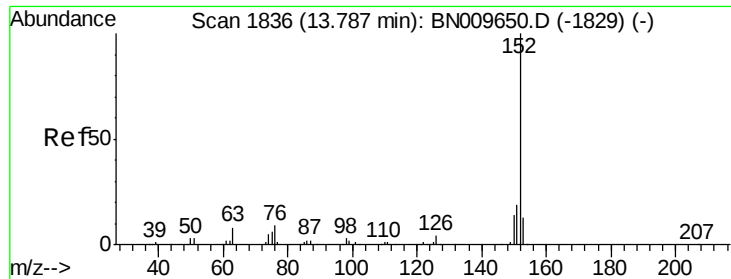
Instrument :
BNA_N
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GAT73DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





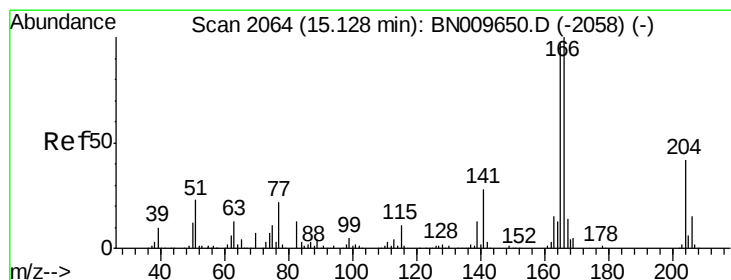
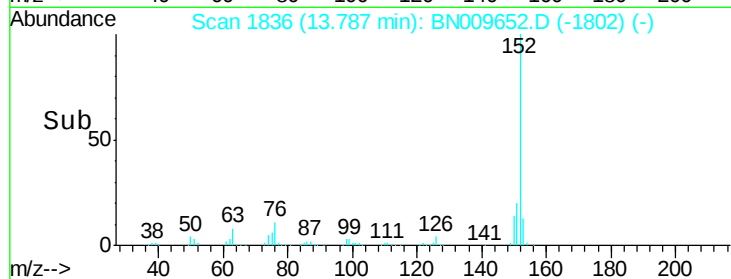
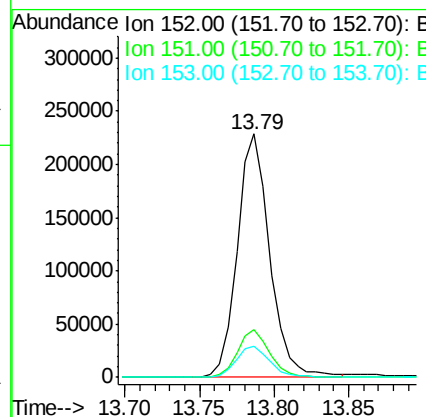
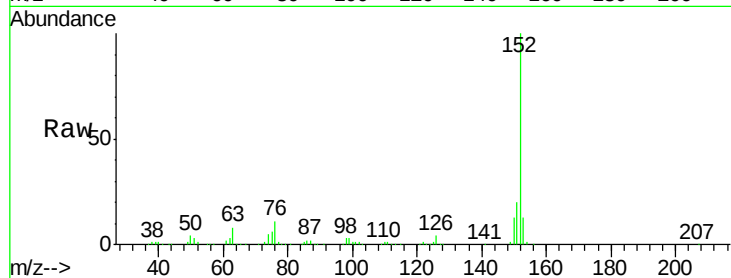
#47
Acenaphthylene
Concen: 9.599 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN009652.D
Acq: 07 Feb 2020 18:38

Instrument :
BNA_N
ClientSampleId :
GAT73DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	12.8	10.6	15.8

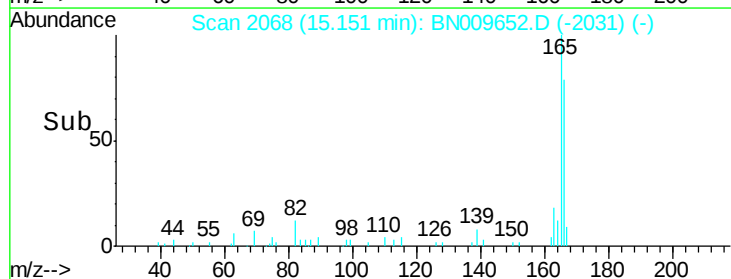
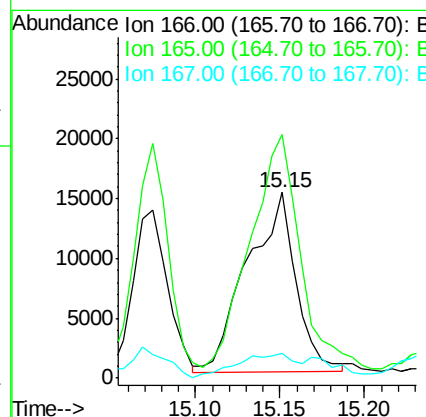
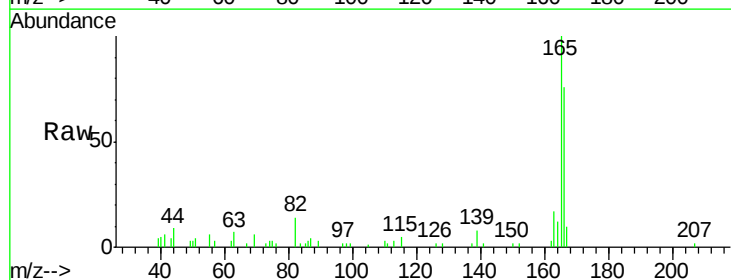
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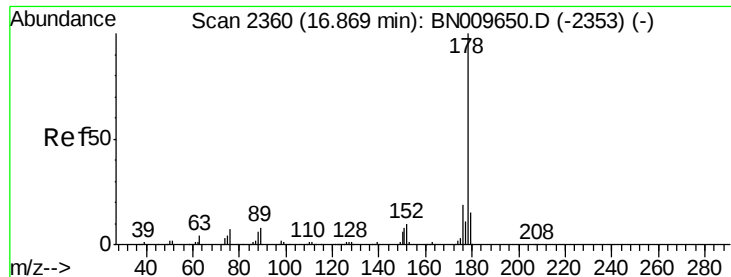
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#58
Fluorene
Concen: 1.055 ng/ul
RT: 15.15 min Scan# 2068
Delta R.T. 0.02 min
Lab File: BN009652.D
Acq: 07 Feb 2020 18:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	131.1	76.7	115.1#
167	13.2	11.1	16.7





#69

Phenanthrene

Concen: 5.820 ng/ul

RT: 16.87 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BN009652.D

Acq: 07 Feb 2020 18:38

Instrument :

BNA_N

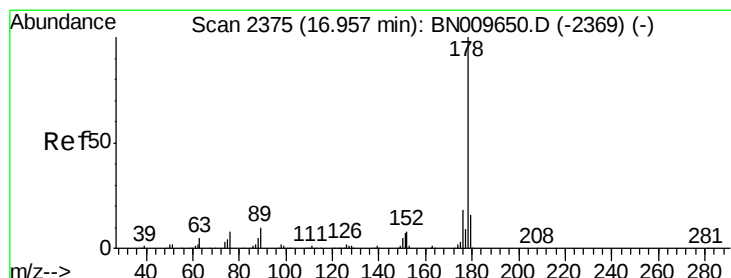
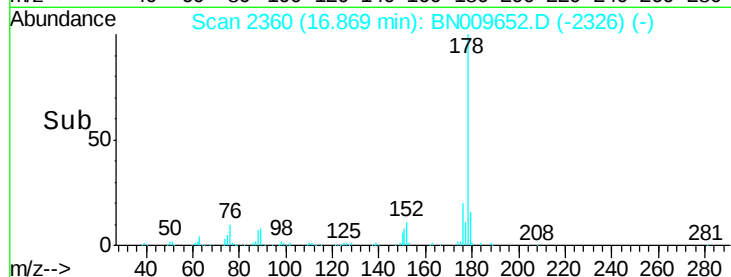
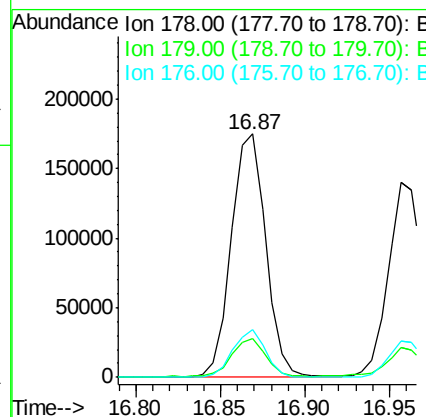
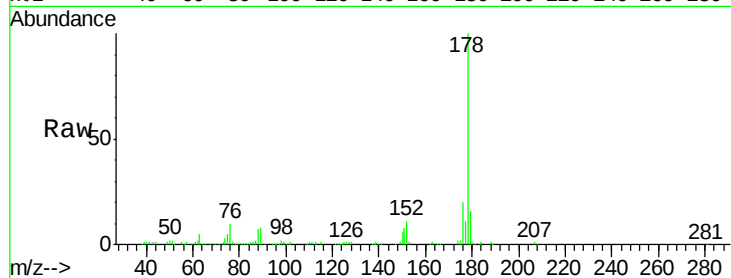
ClientSampleId :

GAT73DL

Tot Ion:178	Resp:	246774
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.2 18.2
176	19.7	14.8 22.2

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#71

Anthracene

Concen: 4.769 ng/ul

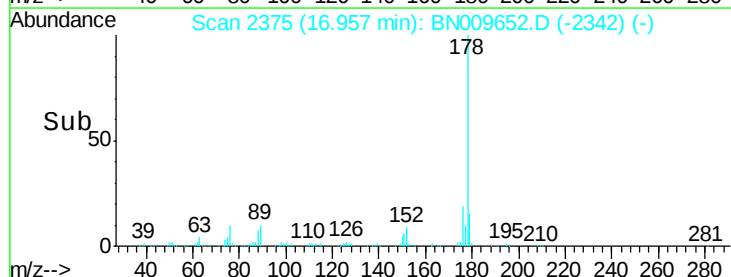
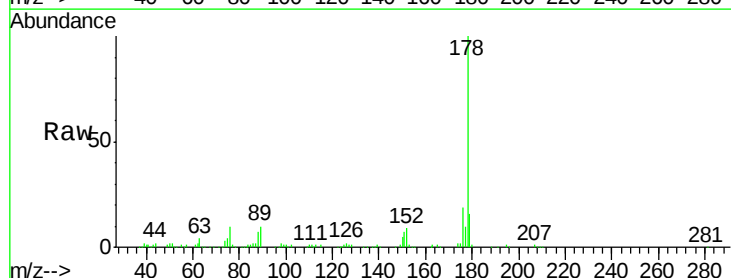
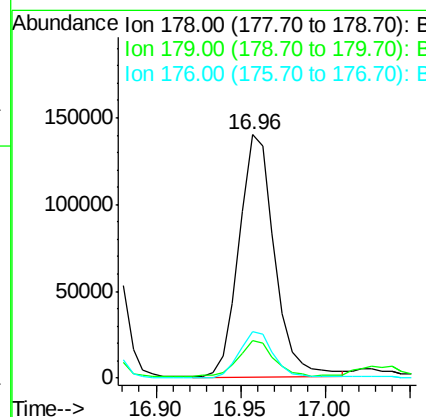
RT: 16.96 min Scan# 2375

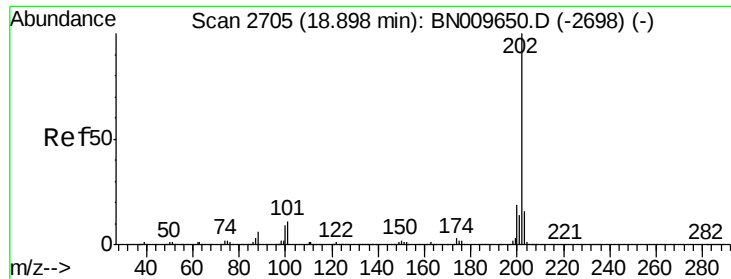
Delta R.T. -0.01 min

Lab File: BN009652.D

Acq: 07 Feb 2020 18:38

Tgt Ion:178	Resp:	205178
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.1 18.1
176	18.9	14.6 21.8





#76

Fluoranthene

Concen: 39.403 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.00 min

Lab File: BN009652.D

Acq: 07 Feb 2020 18:38

Instrument :

BNA_N

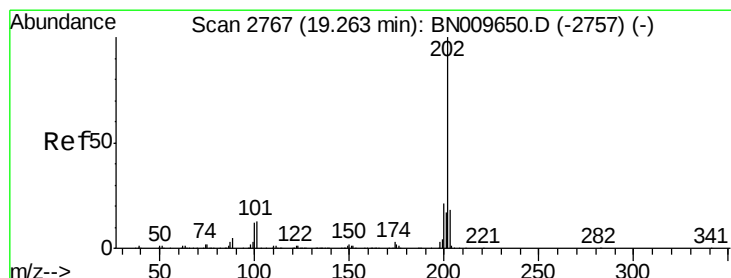
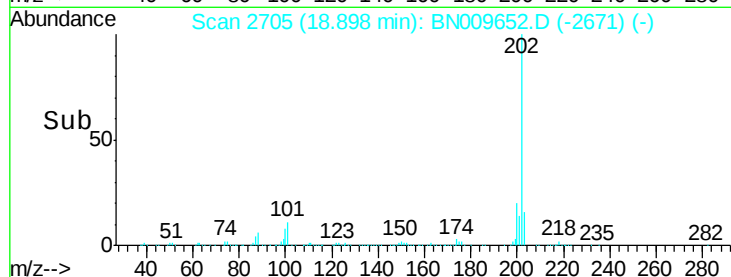
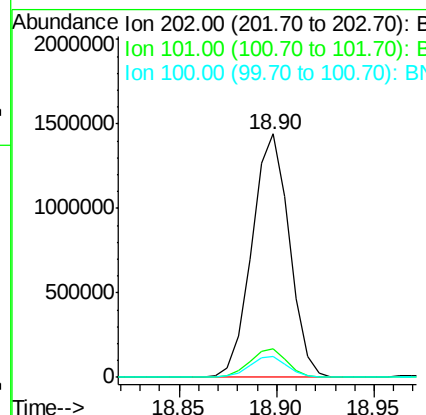
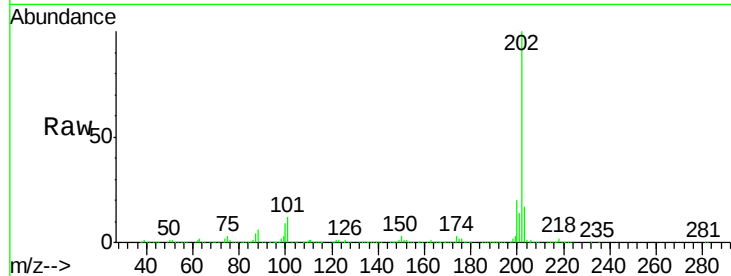
ClientSampleId :

GAT73DL

Tot Ion:	202	Resp:	1906897
Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.2	13.8
100	8.6	6.9	10.3

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#79

Pyrene

Concen: 62.635 ng/ul

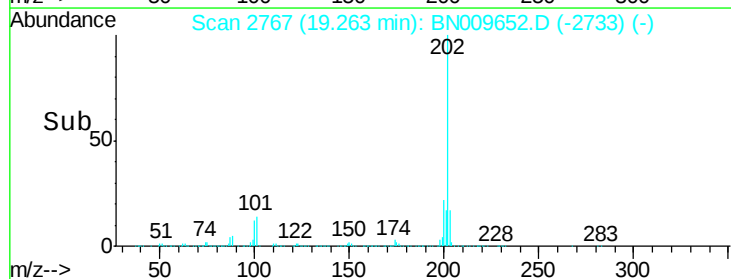
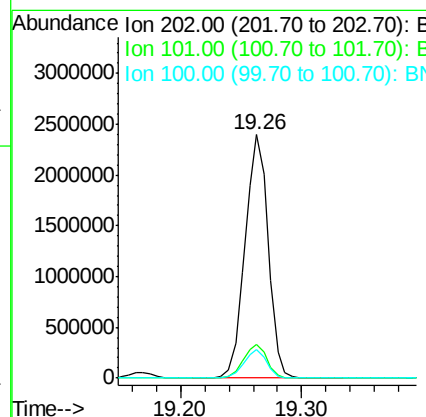
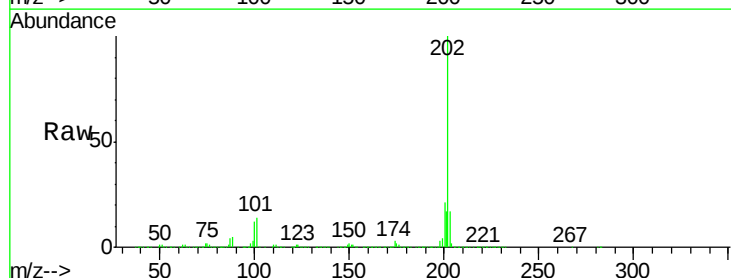
RT: 19.26 min Scan# 2767

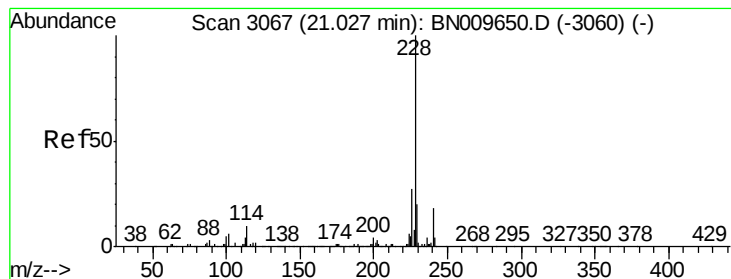
Delta R.T. -0.00 min

Lab File: BN009652.D

Acq: 07 Feb 2020 18:38

Tgt Ion:	202	Resp:	3207339
Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
100	11.9	8.4	12.6





#82

Benzo(a)anthracene

Concen: 17.717 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN009652.D

Acq: 07 Feb 2020 18:38

Instrument :

BNA_N

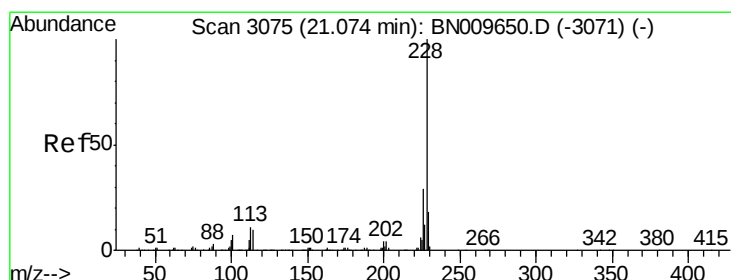
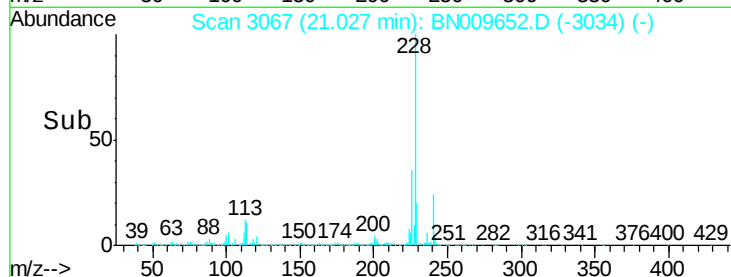
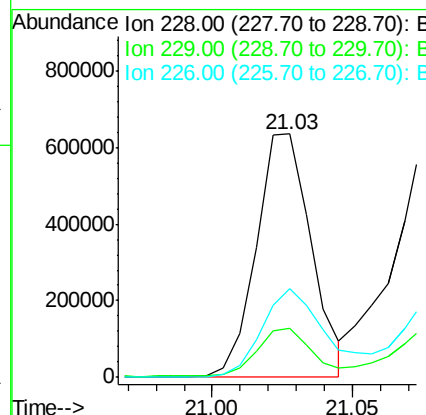
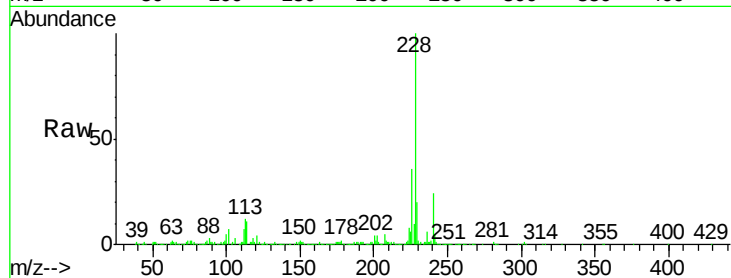
ClientSampleId :

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Tot Ion:	228	Resp:	858056
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.0	22.4
226	36.4	20.9	31.3#

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#84

Chrysene

Concen: 18.565 ng/ul

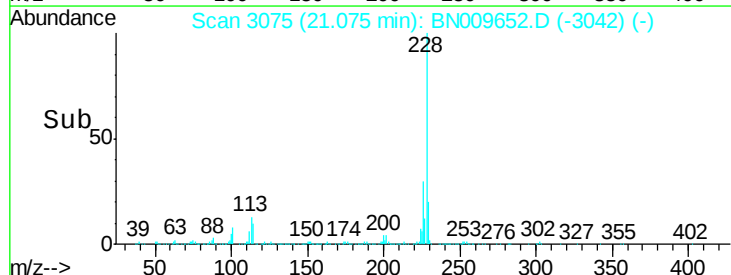
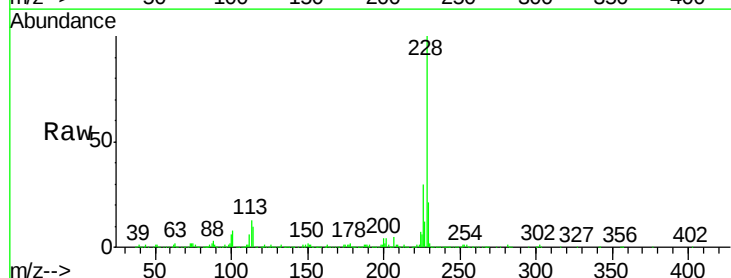
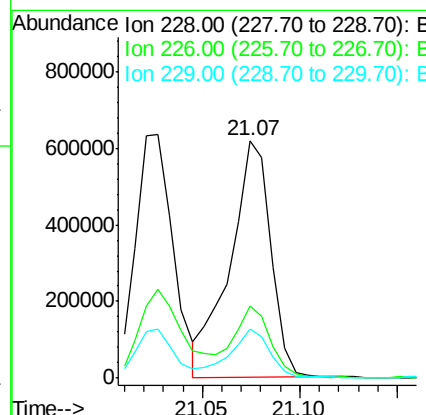
RT: 21.07 min Scan# 3075

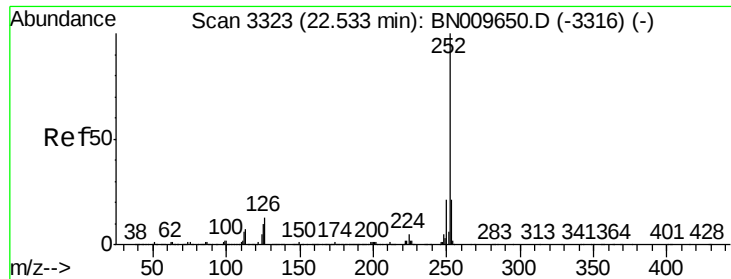
Delta R.T. -0.01 min

Lab File: BN009652.D

Acq: 07 Feb 2020 18:38

Tgt Ion:	228	Resp:	895142
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.5	35.3
229	20.6	15.8	23.8





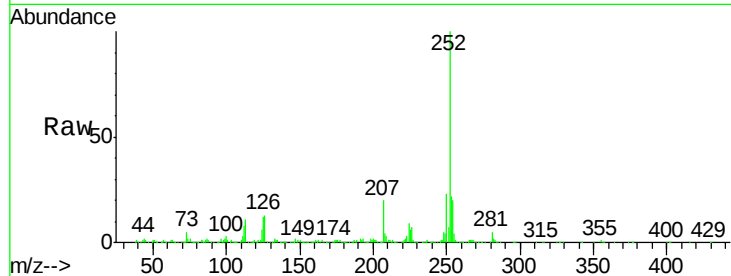
#87
Benzo(b)fluoranthene
Concen: 17.098 ng/ul m
RT: 22.54 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BN009652.D
Acq: 07 Feb 2020 18:38

Instrument :
BNA_N
ClientSampled :
GAT73DL

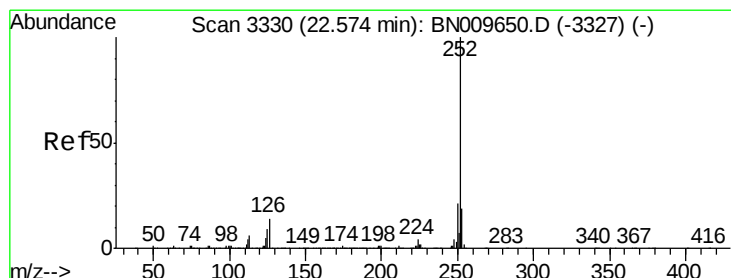
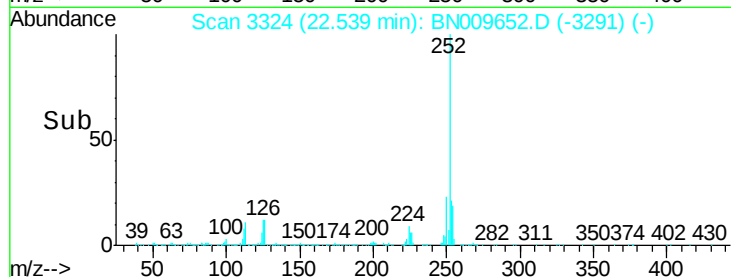
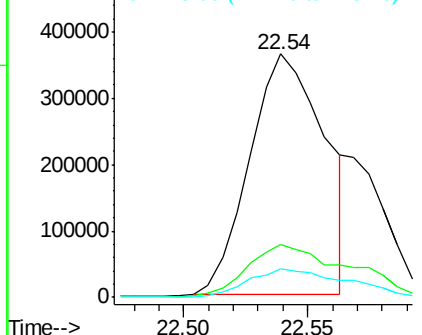
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.8	8.2	12.2

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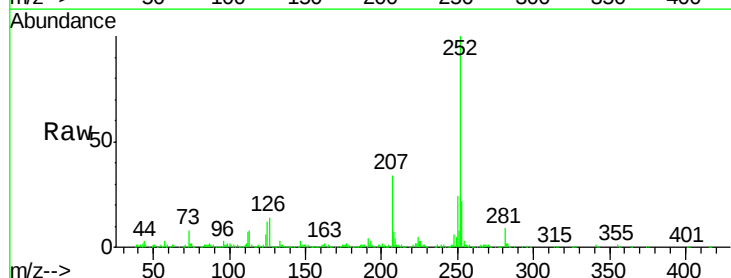


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

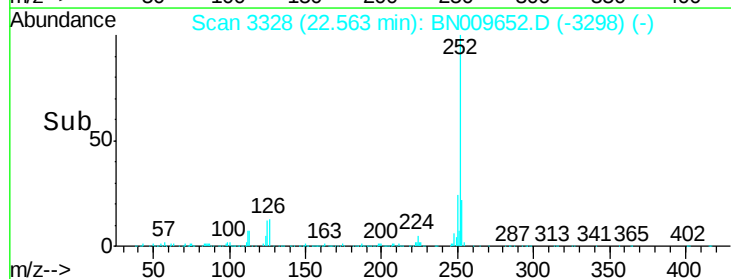
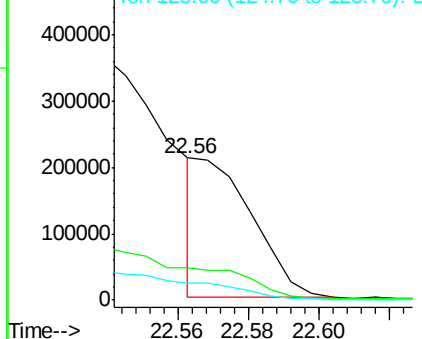


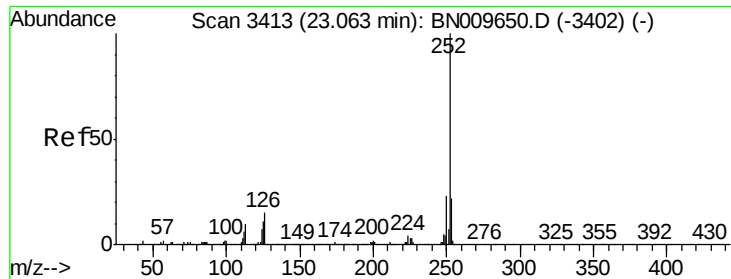
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Benzo(k)fluoranthene
Concen: 5.049 ng/ul m
RT: 22.56 min Scan# 3328
Delta R.T. -0.02 min
Lab File: BN009652.D
Acq: 07 Feb 2020 18:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	12.4	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





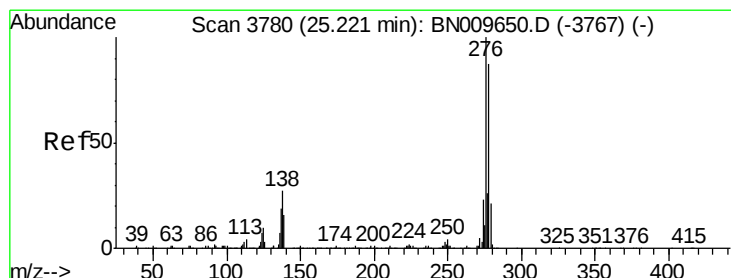
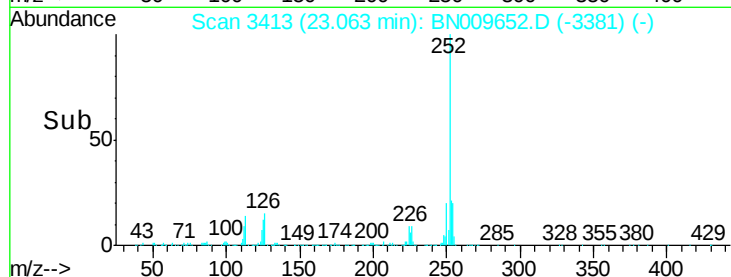
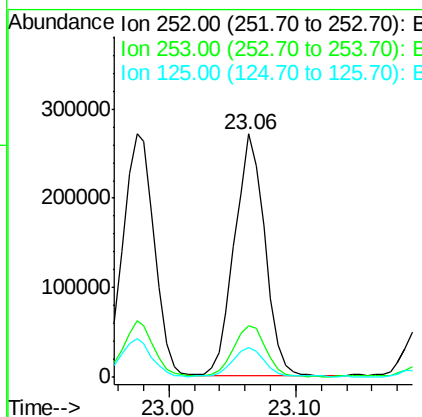
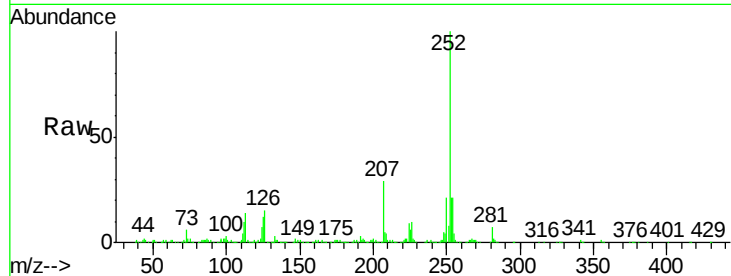
#90
Benzo(a)pyrene
Concen: 10.821 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009652.D
Acq: 07 Feb 2020 18:38

Instrument :
BNA_N
ClientSampled :
GAT73DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	446671		
253	21.5	15.8	23.8	
125	12.2	8.7	13.1	

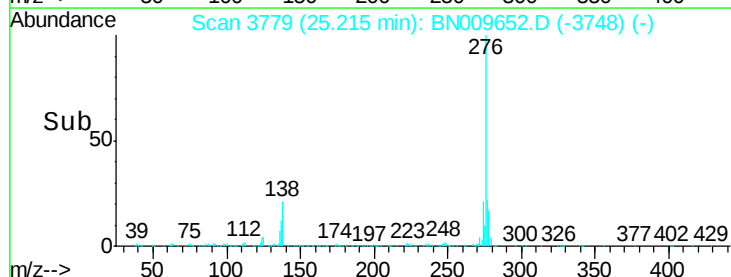
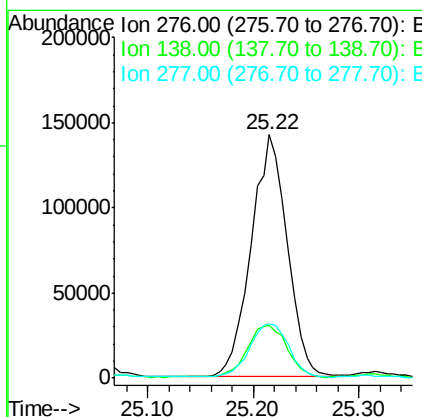
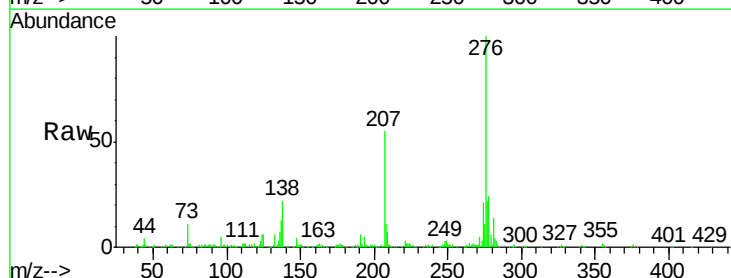
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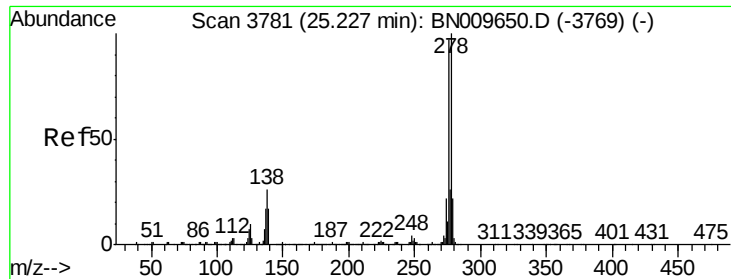
mohammad
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#91
Indeno(1,2,3-cd)pyrene
Concen: 6.891 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BN009652.D
Acq: 07 Feb 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	338196		
138	21.6	20.3	30.5	
277	22.4	21.2	31.8	





#92

Dibenzo(a,h)anthracene

Concen: 2.607 ng/ul m

RT: 25.22 min Scan# 3779

Delta R.T. -0.02 min

Lab File: BN009652.D

Acq: 07 Feb 2020 18:38

Instrument :

BNA_N

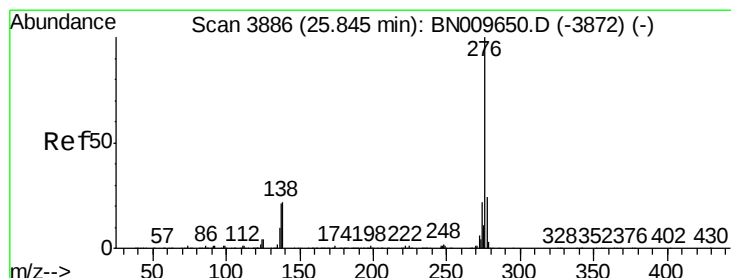
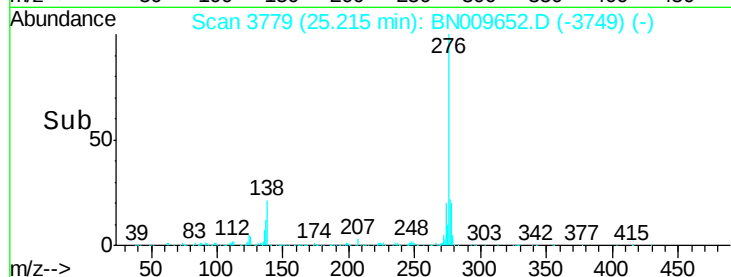
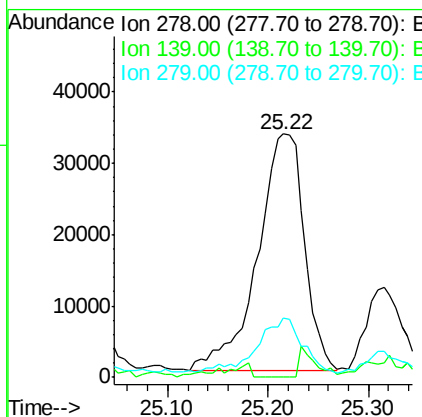
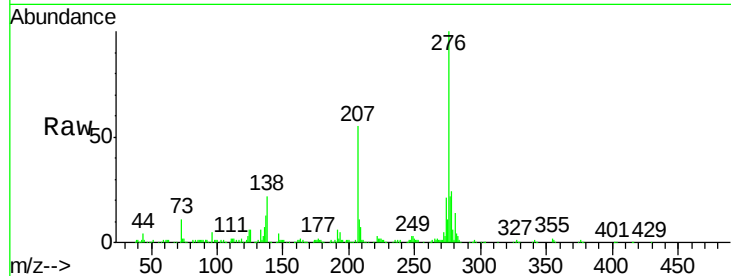
ClientSampleId :

GAT73DL

Tot Ion:	278	Resp:	107693
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.7	19.1#
279	24.4	19.8	29.8

Manual Integrations
APPROVED

mohammad
2/11/2020 8:23:37 AM



#93

Benzo(g,h,i)perylene

Concen: 8.220 ng/ul

RT: 25.84 min Scan# 3885

Delta R.T. -0.02 min

Lab File: BN009652.D

Acq: 07 Feb 2020 18:38

Tgt Ion:	276	Resp:	338091
Ion Ratio	Lower	Upper	
276	100		
138	22.1	16.0	24.0
277	22.7	17.0	25.6

