

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009553.D
 Acq On : 04 Feb 2020 05:57
 Operator : CG/JU
 Sample : L1271-17DL 25X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT08DL

Manual Integrations
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Quant Time: Feb 04 06:32:45 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	156040	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	632791	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	402839	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	874439	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	850448	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	927677	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	7934	0.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	6146	0.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	7369	0.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	5847	0.54	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	2999	0.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	2739	0.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	6309	0.64	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	25649	0.87	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	28012	0.79	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.08	176	24139	0.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1608	0.29	ng/ul	0.01
70) Anthracene-d10	16.93	188	36374m	0.92	ng/ul	0.00
78) Pyrene-d10	19.23	212	40556	0.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	38767	0.85	ng/ul	0.00

Target Compounds

					Ovalue
34) 2-Methylnaphthalene	11.86	142	244904	10.198	ng/ul 98
47) Acenaphthylene	13.79	152	528303	13.586	ng/ul 99
49) Acenaphthene	14.14	153	78227	2.959	ng/ul 98
53) Dibenzofuran	14.48	168	101883	2.768	ng/ul 95
58) Fluorene	15.13	166	463172	15.056	ng/ul 96
69) Phenanthrene	16.87	178	2809798	56.344	ng/ul 98
71) Anthracene	16.96	178	187443	3.704	ng/ul 98
76) Fluoranthene	18.90	202	586299	10.301	ng/ul 99
79) Pyrene	19.27	202	1005440	16.195	ng/ul 100
82) Benzo(a)anthracene	21.03	228	344733m	5.871	ng/ul
84) Chrysene	21.08	228	317700	5.435	ng/ul 97
87) Benzo(b)fluoranthene	22.54	252	163226	2.812	ng/ul# 97
90) Benzo(a)pyrene	23.07	252	108873	2.025	ng/ul# 93

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

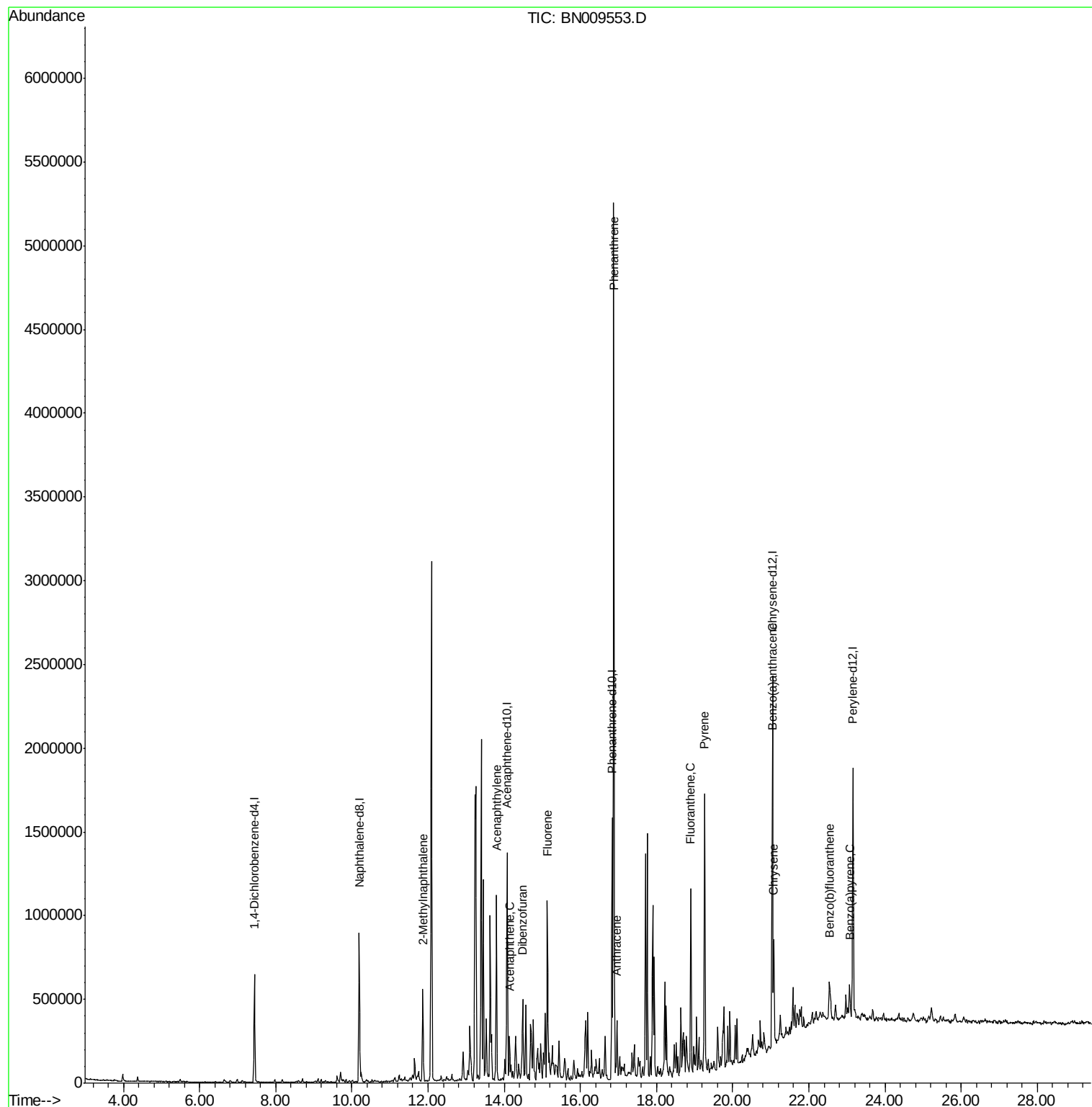
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009553.D
Acq On : 04 Feb 2020 05:57
Operator : CG/JU
Sample : L1271-17DL 25X
Misc :
ALS Vial : 29 Sample Multiplier: 1

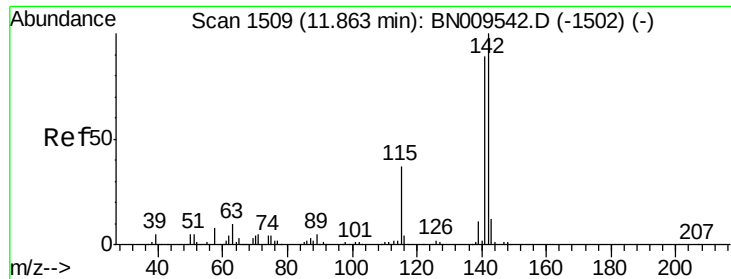
Instrument :
BNA_N
ClientSampleId :
GAT08DL

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Quant Time: Feb 04 06:32:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





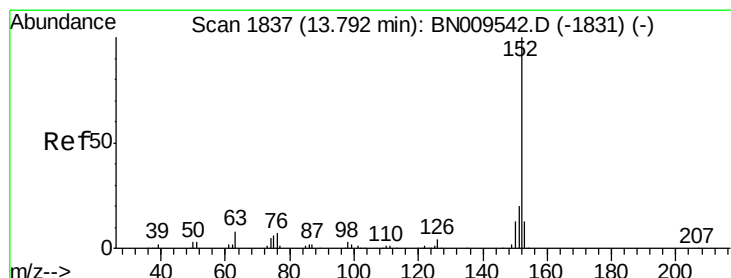
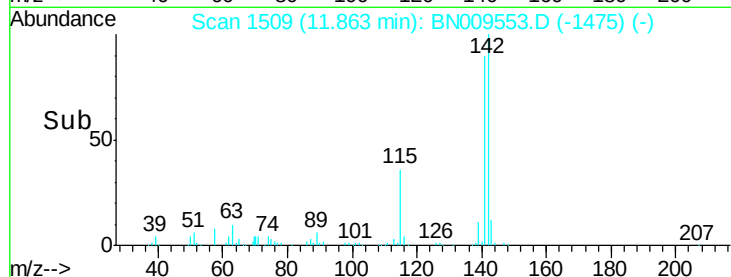
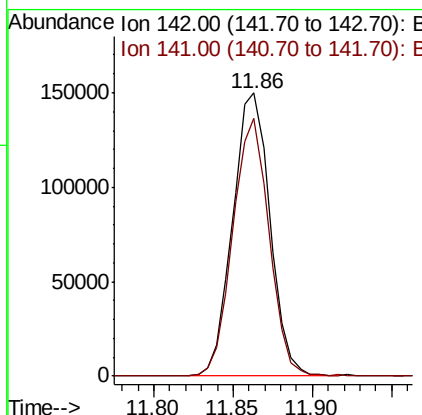
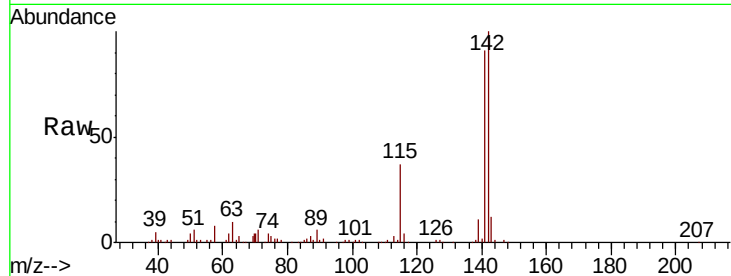
#34
2-Methylnaphthalene
Concen: 10.198 ng/ul
RT: 11.86 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN009553.D
Acq: 04 Feb 2020 05:57

Instrument :
BNA_N
ClientSampleId :
GAT08DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.5	107.3

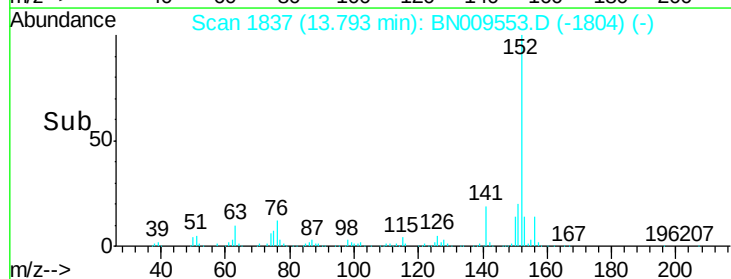
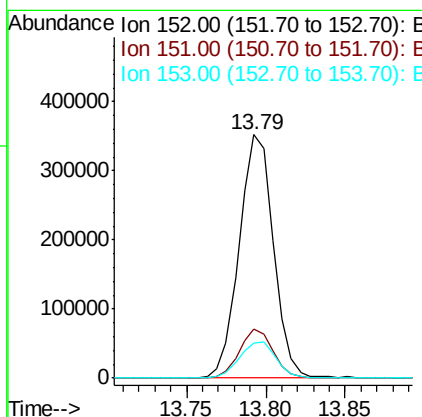
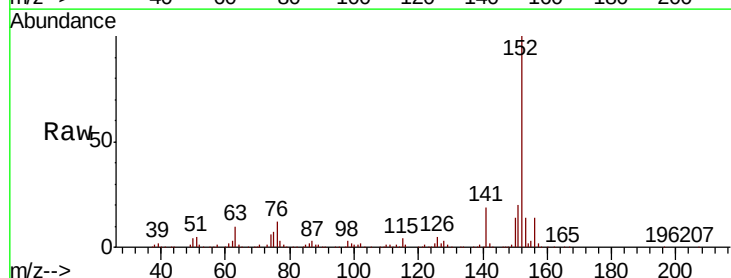
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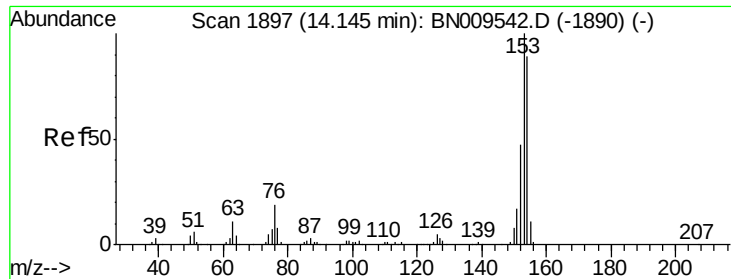
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#47
Acenaphthylene
Concen: 13.586 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BN009553.D
Acq: 04 Feb 2020 05:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	14.3	10.6	15.8





#49

Acenaphthene

Concen: 2.959 ng/ul

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BN009553.D

Acq: 04 Feb 2020 05:57

Instrument :

BNA_N

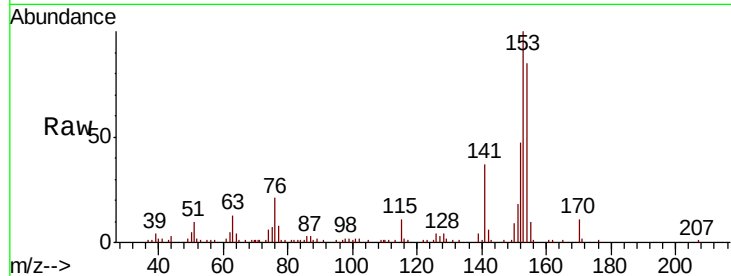
ClientSampleId :

GAT08DL

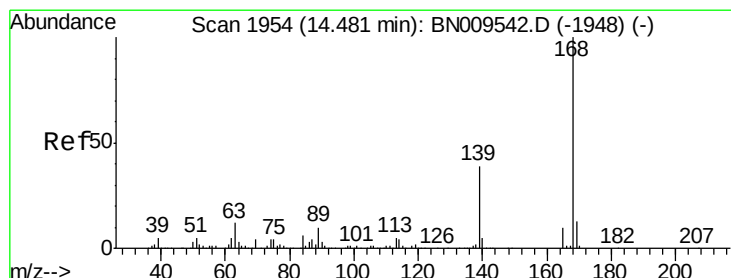
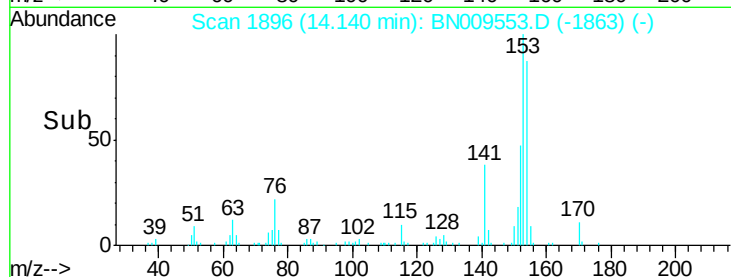
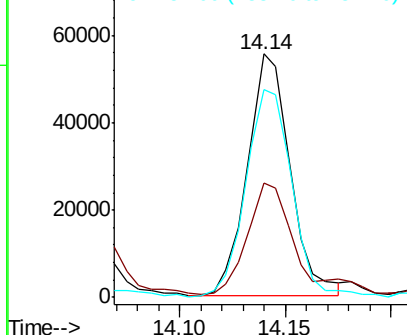
Tot Ion:	153	Resp:	78227
Ion Ratio	Lower	Upper	
153	100		
152	46.8	37.3	55.9
154	85.3	70.2	105.2

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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



#53

Dibenzofuran

Concen: 2.768 ng/ul

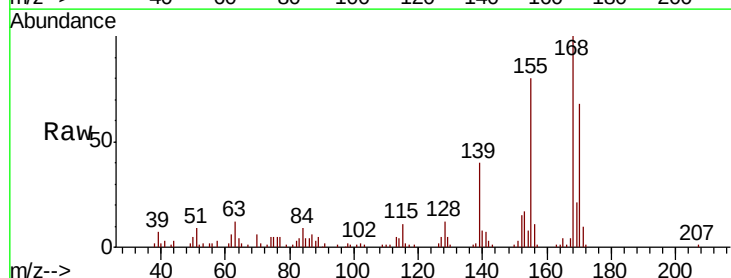
RT: 14.48 min Scan# 1954

Delta R.T. -0.01 min

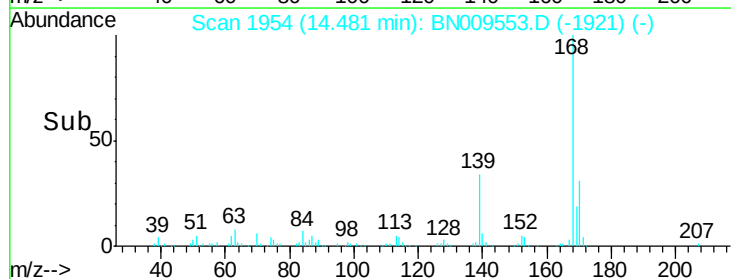
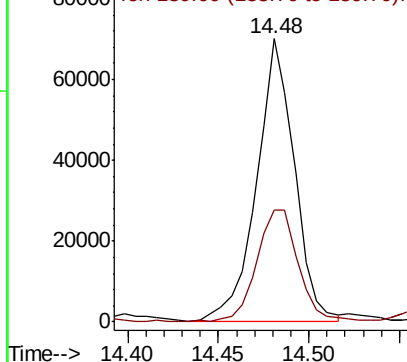
Lab File: BN009553.D

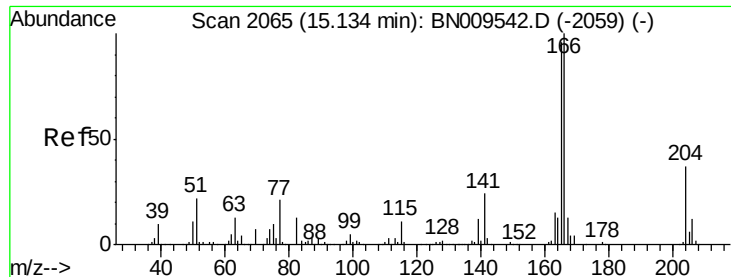
Acq: 04 Feb 2020 05:57

Tgt Ion:	168	Resp:	101883
Ion Ratio	Lower	Upper	
168	100		
139	39.7	29.5	44.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





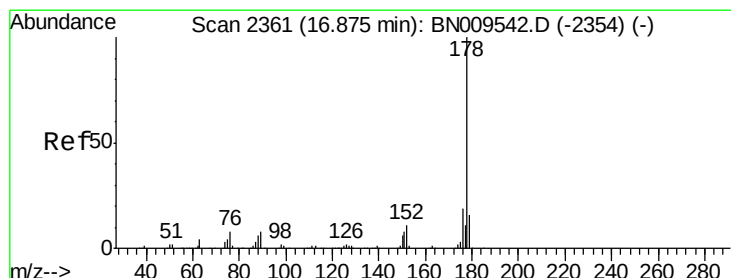
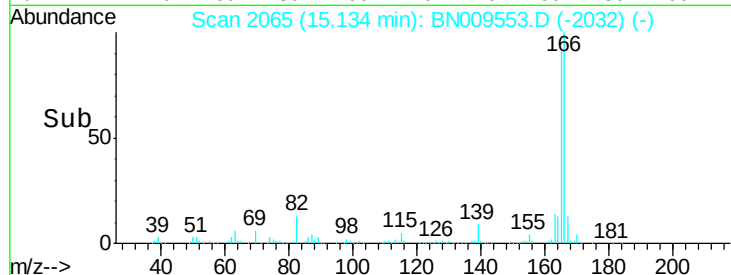
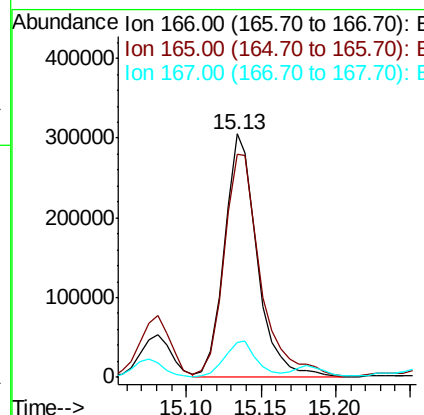
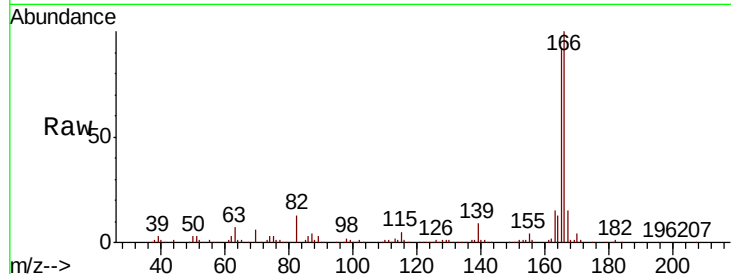
#58
Fluorene
 Concen: 15.056 ng/ul
 RT: 15.13 min Scan# 2065
 Delta R.T. -0.01 min
 Lab File: BN009553.D
 Acq: 04 Feb 2020 05:57

Instrument :
 BNA_N
 ClientSampleId :
 GAT08DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	91.6	76.7	115.1
167	14.6	11.1	16.7

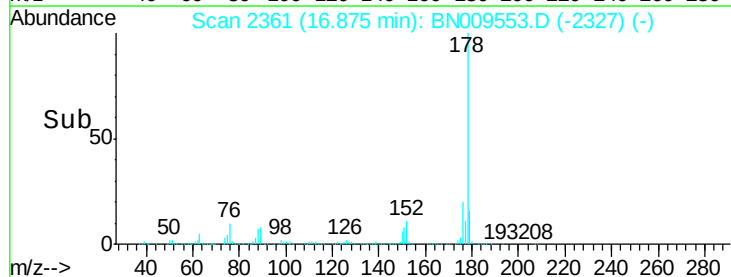
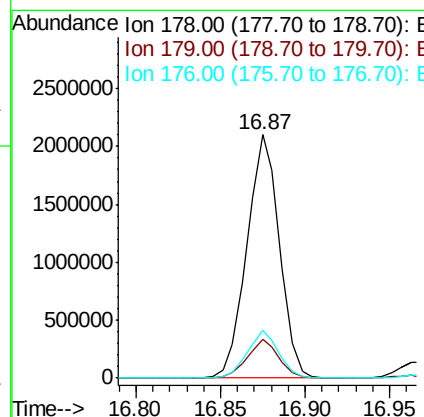
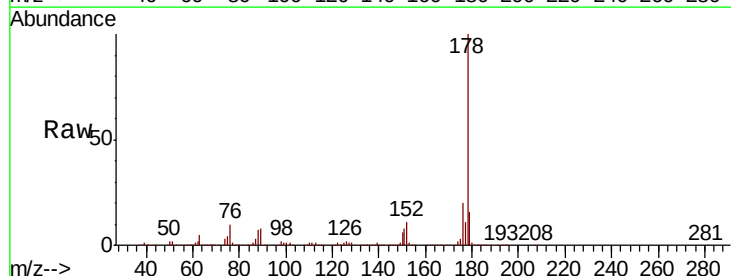
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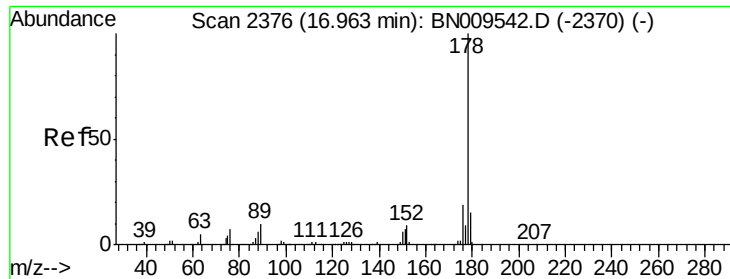
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#69
Phenanthrene
 Concen: 56.344 ng/ul
 RT: 16.87 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: BN009553.D
 Acq: 04 Feb 2020 05:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	19.6	14.8	22.2





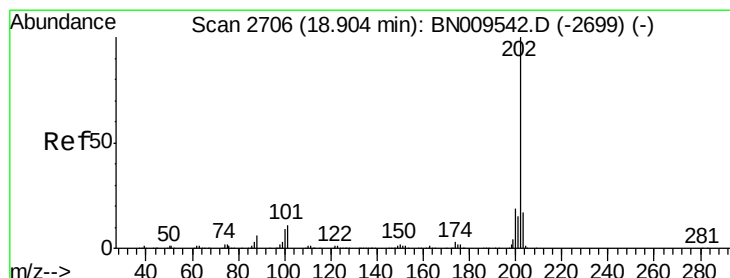
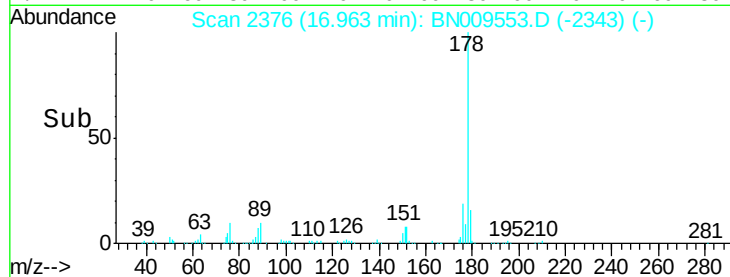
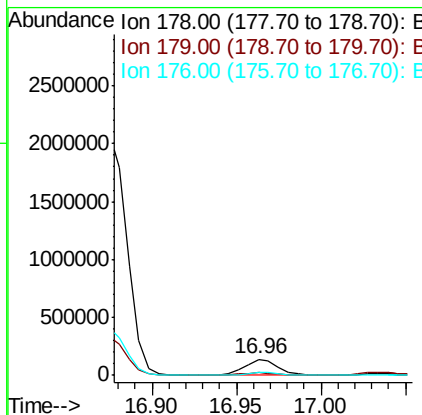
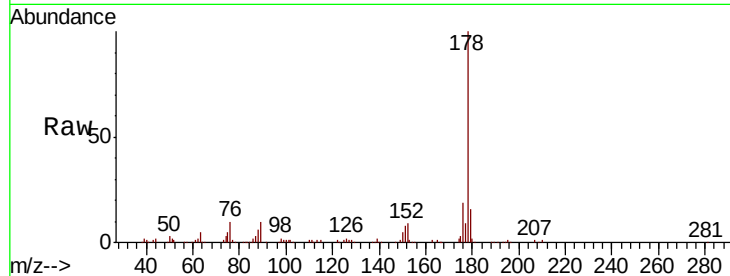
#71
 Anthracene
 Concen: 3.704 ng/ul
 RT: 16.96 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BN009553.D
 Acq: 04 Feb 2020 05:57

Instrument :
 BNA_N
 ClientSampleID :
 GAT08DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.1	18.1
176	19.1	14.6	21.8

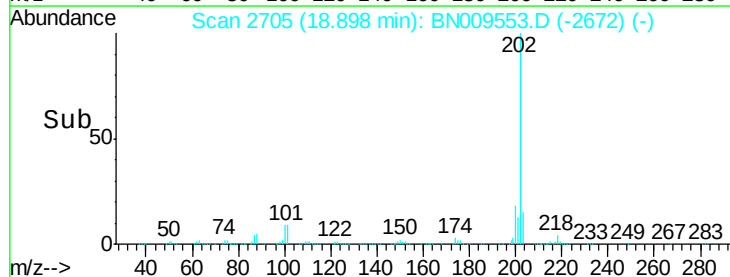
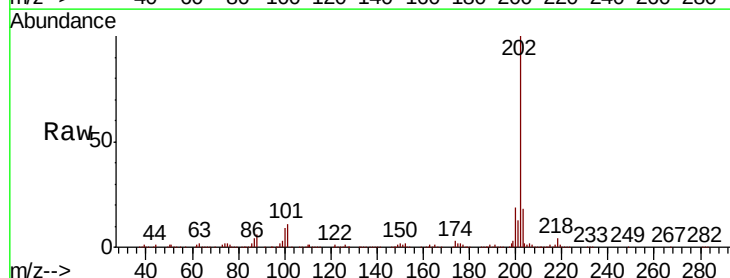
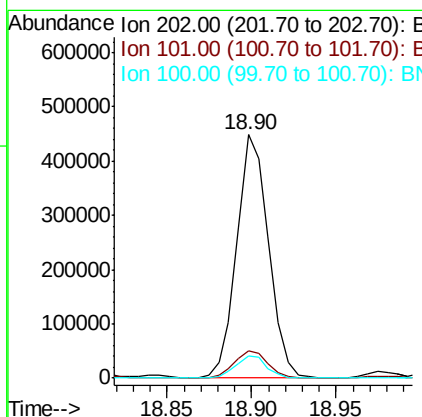
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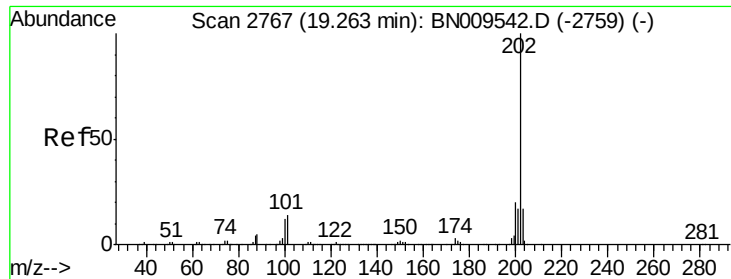
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#76
 Fluoranthene
 Concen: 10.301 ng/ul
 RT: 18.90 min Scan# 2705
 Delta R.T. -0.01 min
 Lab File: BN009553.D
 Acq: 04 Feb 2020 05:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
100	9.0	6.9	10.3





#79

Pvrene

Concen: 16.195 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BN009553.D

Acq: 04 Feb 2020 05:57

Instrument :

BNA_N

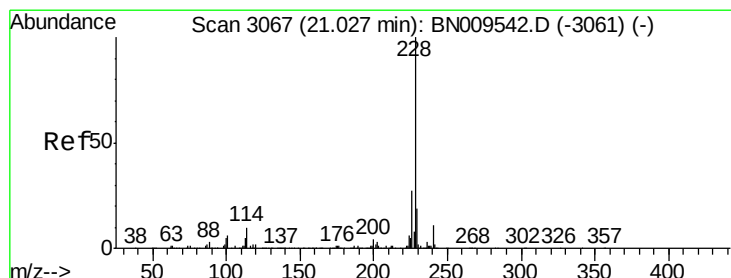
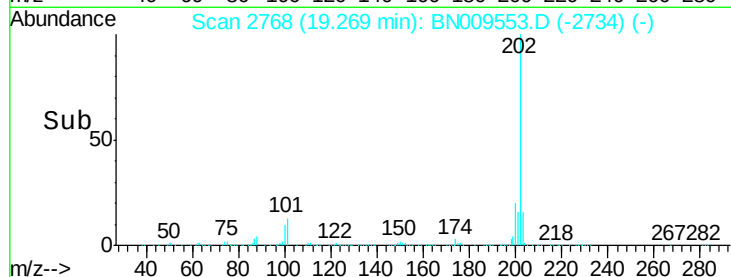
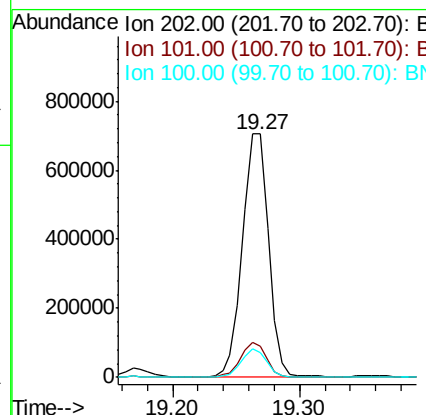
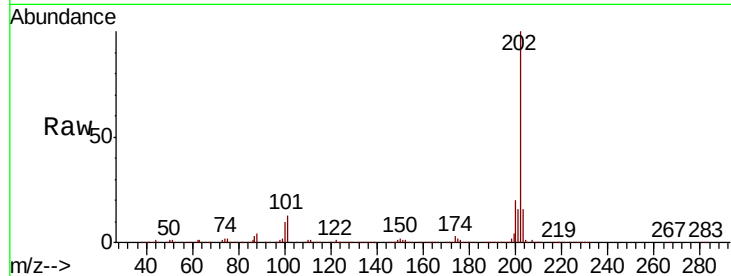
ClientSampleId :

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Tot Ion:	202	Resp:	1005440
Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.3	15.5
100	10.3	8.4	12.6

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#82

Benzo(a)anthracene

Concen: 5.871 ng/ul m

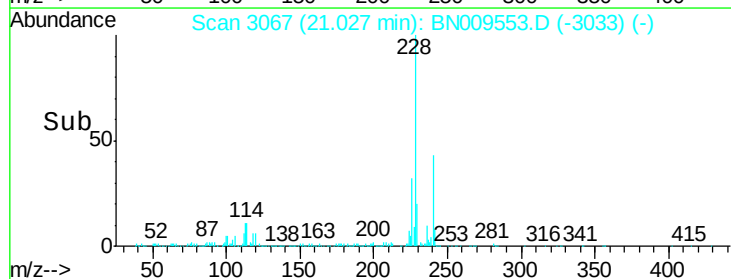
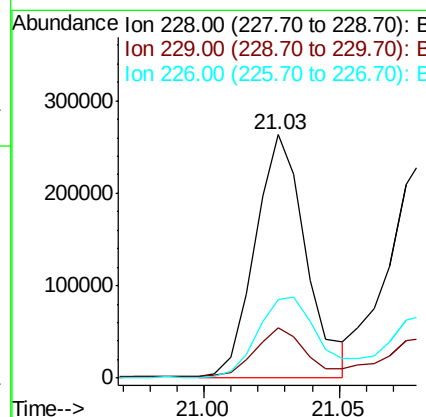
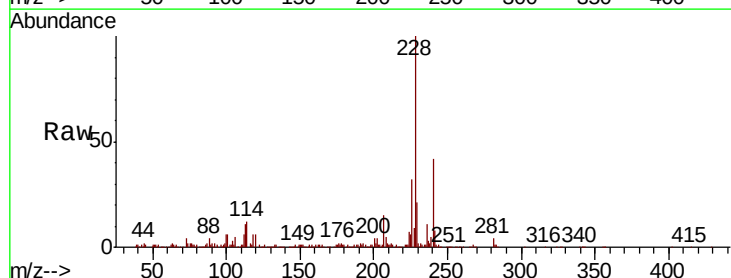
RT: 21.03 min Scan# 3067

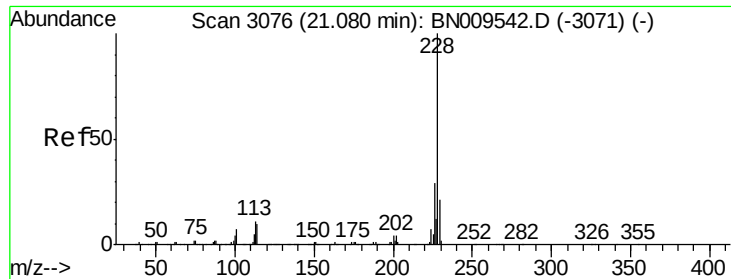
Delta R.T. 0.00 min

Lab File: BN009553.D

Acq: 04 Feb 2020 05:57

Tgt Ion:	228	Resp:	344733
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.0	22.4
226	32.2	20.9	31.3#





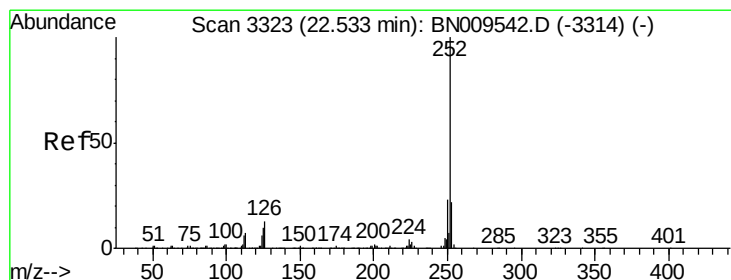
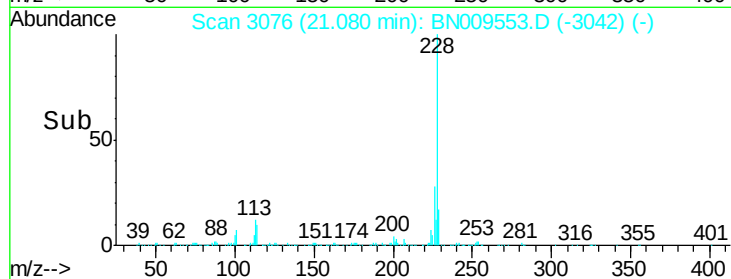
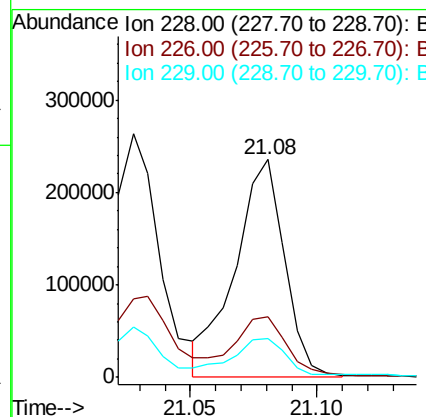
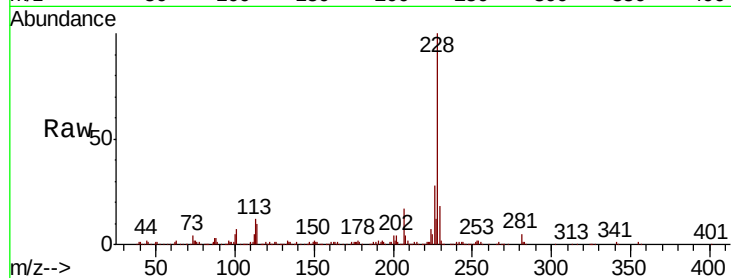
#84
Chrysene
Concen: 5.435 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN009553.D
Acq: 04 Feb 2020 05:57

Instrument :
BNA_N
ClientSampleId :
GAT08DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.5	35.3
229	17.7	15.8	23.8

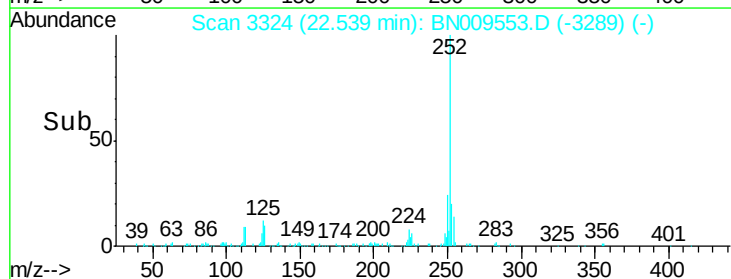
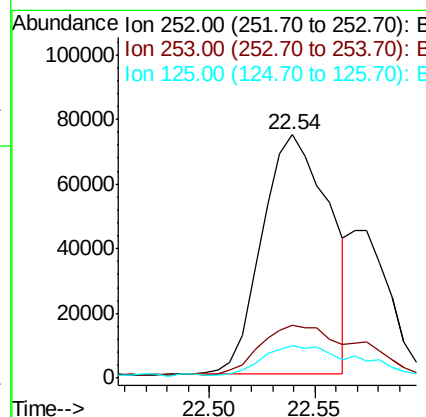
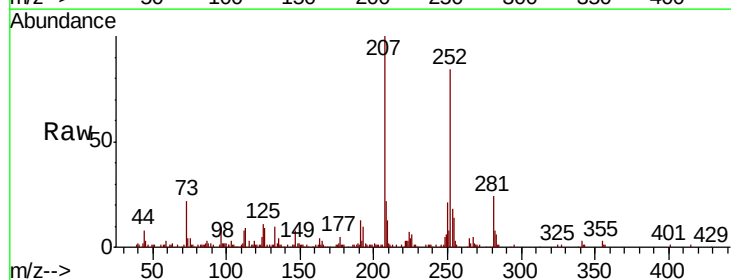
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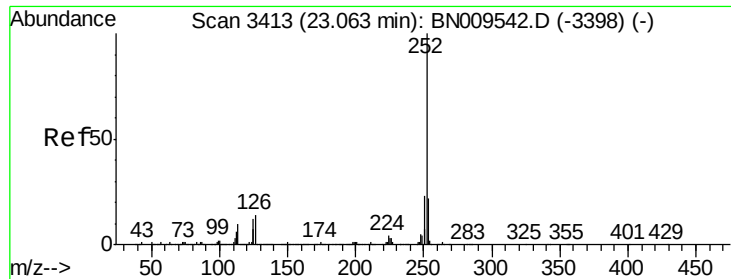
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#87
Benzo(b)fluoranthene
Concen: 2.812 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. 0.01 min
Lab File: BN009553.D
Acq: 04 Feb 2020 05:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	13.1	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 2.025 ng/ul

RT: 23.07 min Scan# 3414

Delta R.T. 0.00 min

Lab File: BN009553.D

Acq: 04 Feb 2020 05:57

Instrument :

BNA_N

ClientSampleId :

GAT08DL

Tot Ion:	252	Resp:	108873
Ion Ratio	Lower	Upper	
252	100		
253	23.9	15.8	23.8#
125	10.1	8.7	13.1

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