

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025789.D
 Acq On : 26 Mar 2020 03:54
 Operator : CG/JU
 Sample : L1941-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DL7

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:15:52 AM

Quant Time: Mar 26 11:08:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 26 05:11:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	234380	20.00	ng/ul	0.05
18) Naphthalene-d8	10.36	136	822583	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.20	164	500030	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1101679	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1295660	20.00	ng/ul	-0.01
86) Perylene-d12	23.29	264	1504861	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	7985m	1.43	ng/uL	0.00
5) Phenol-d5	6.76	99	95111	5.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	268979	25.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	321602	21.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	188266m	12.39	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	202230	33.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	214578	33.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	368310	27.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	27192	1.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	1195619	31.46	ng/ul	-0.01
47) Acenaphthylene-d8	13.89	160	1478743	32.48	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.41	143	38054	5.26	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1069183	32.05	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	177630	26.43	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1716910	33.37	ng/ul	0.00
79) Pyrene-d10	19.35	212	1935201	31.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2555090	33.16	ng/ul	-0.01

Target Compounds					Ovalue	
20) Nitrobenzene	8.76	77	903242	60.641	ng/ul	99
23) 2-Nitrophenol	9.46	139	7369	1.009	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	1170807	74.031	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	3851939	228.177	ng/uL	98
74) Pentachlorobenzene	14.53	250	98966	5.267	ng/uL	96

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

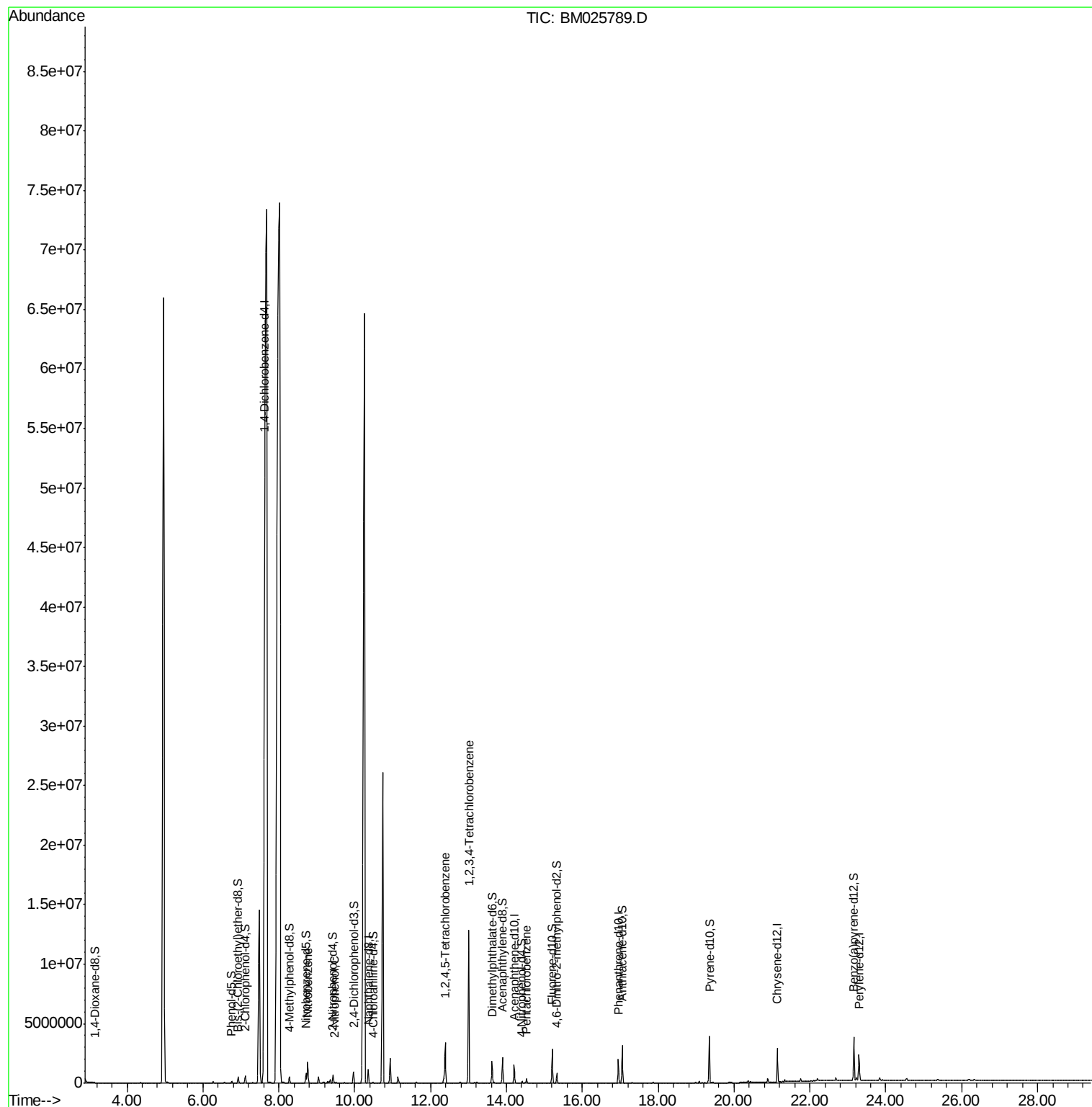
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025789.D
Acq On : 26 Mar 2020 03:54
Operator : CG/JU
Sample : L1941-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

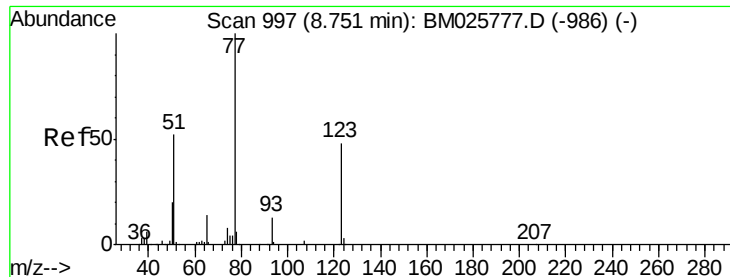
Instrument :
BNA_M
ClientSampleId :
C0DL7

Quant Time: Mar 26 11:08:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 26 05:11:11 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
3/27/2020 8:15:52 AM





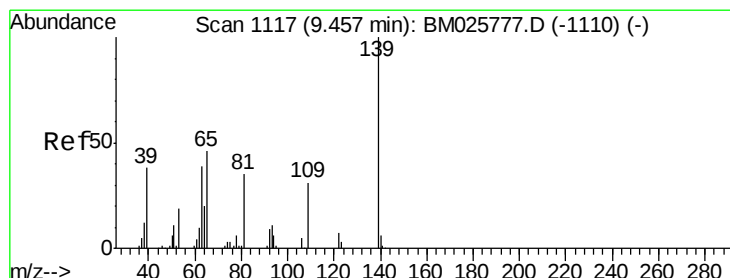
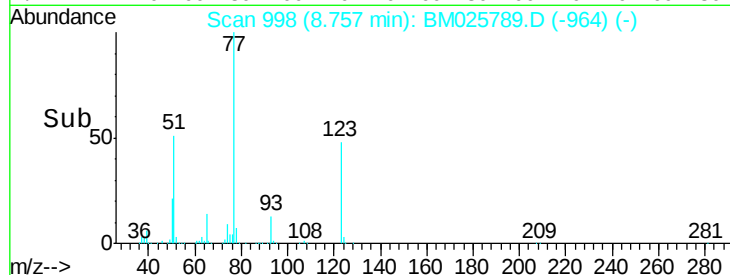
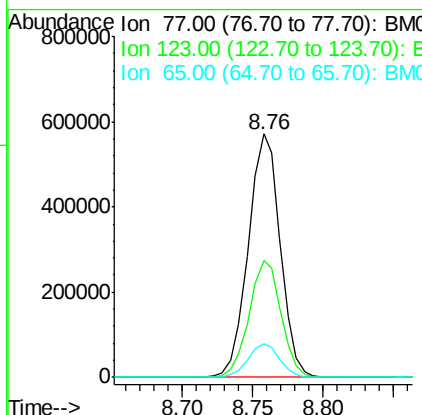
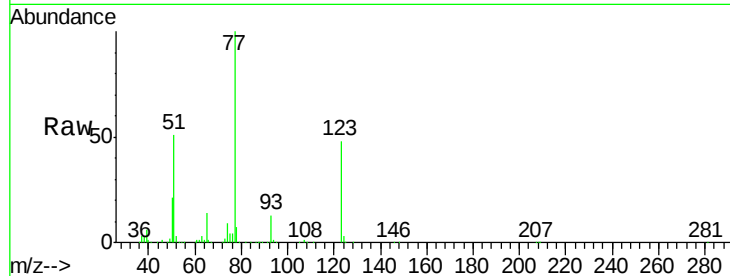
#20
Nitrobenzene
Concen: 60.641 ng/ul
RT: 8.76 min Scan# 998
Delta R.T. 0.00 min
Lab File: BM025789.D
Acq: 26 Mar 2020 03:54

Instrument :
BNA_M
ClientSampleId :
C0DL7

Tot Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.7	56.5
65	13.6	11.1	16.7

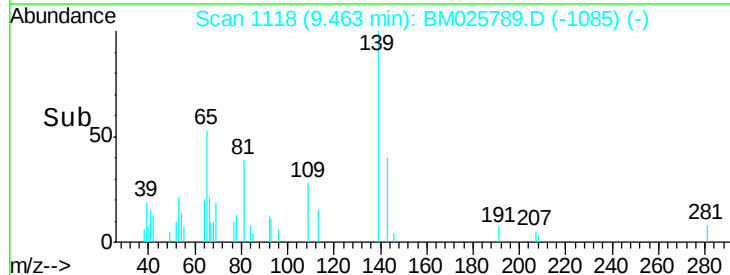
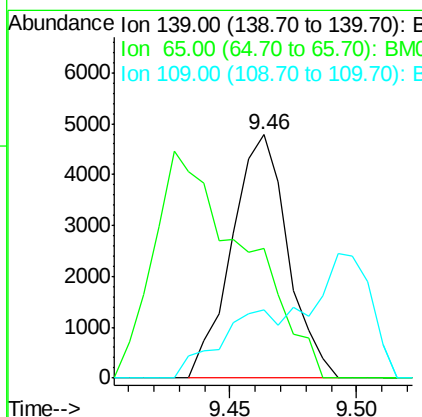
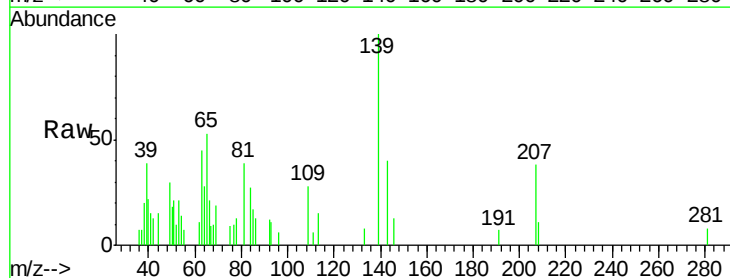
Manual Integrations
APPROVED

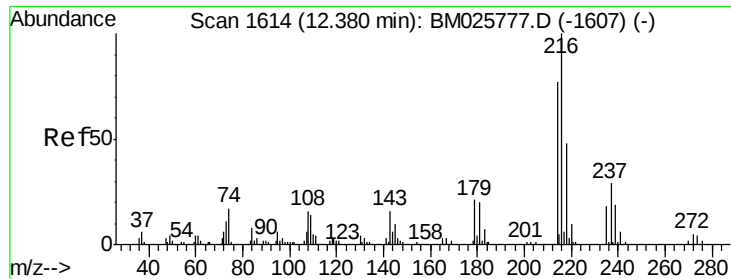
mohammad
3/27/2020 8:15:52 AM



#23
2-Nitrophenol
Concen: 1.009 ng/ul
RT: 9.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM025789.D
Acq: 26 Mar 2020 03:54

Tgt Ion	Ratio	Lower	Upper
139	100		
65	53.2	40.6	61.0
109	28.1	23.8	35.8





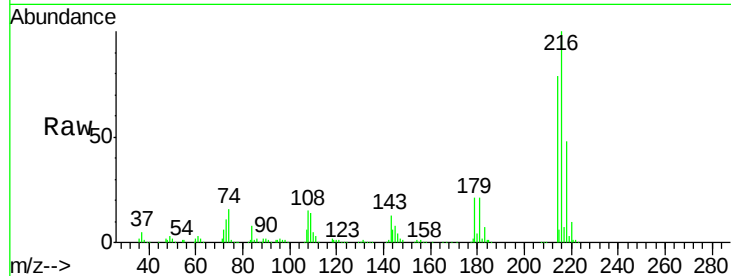
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 74.031 ng/ul
 RT: 12.39 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BM025789.D
 Acq: 26 Mar 2020 03:54

Instrument :
 BNA_M
 ClientSampleId :
 C0DL7

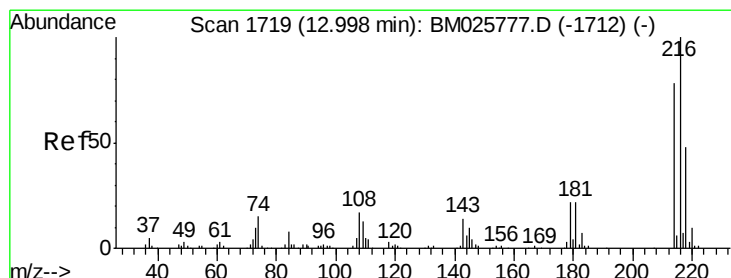
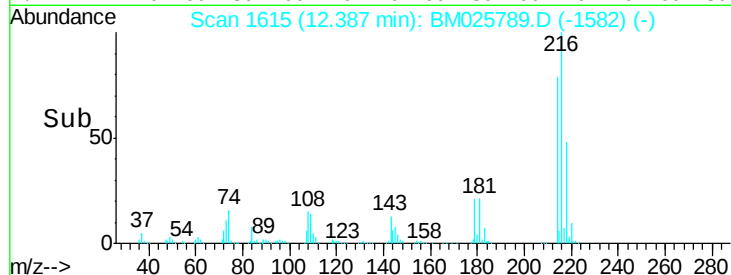
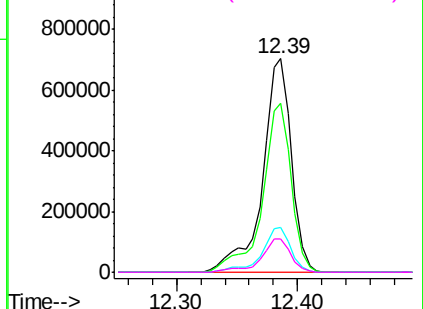
Tot Ion:	216	Resp:	1170807
Ion	Ratio	Lower	Upper
216	100		
214	79.3	61.9	92.9
179	21.0	16.6	24.8
108	15.4	13.0	19.6

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:15:52 AM



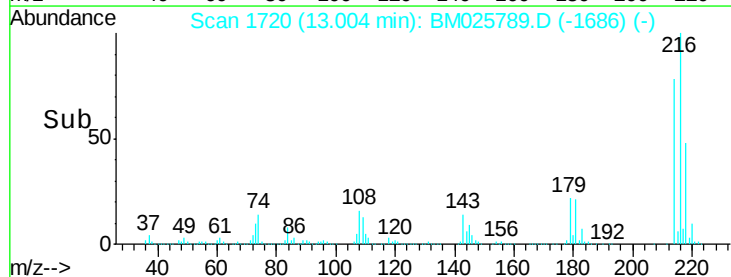
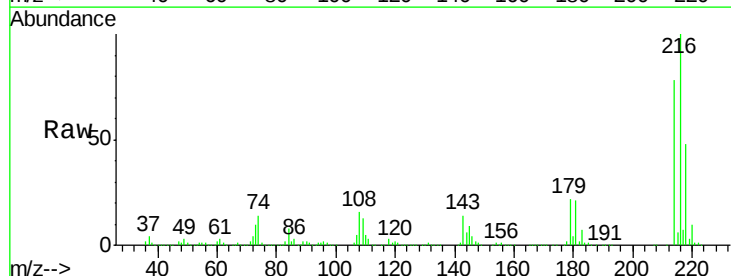
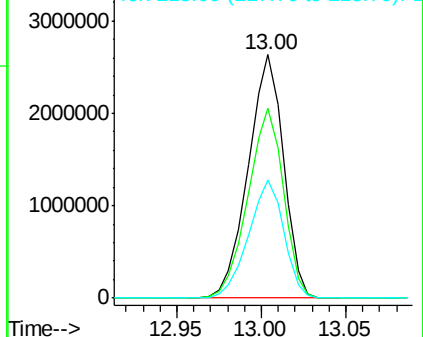
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

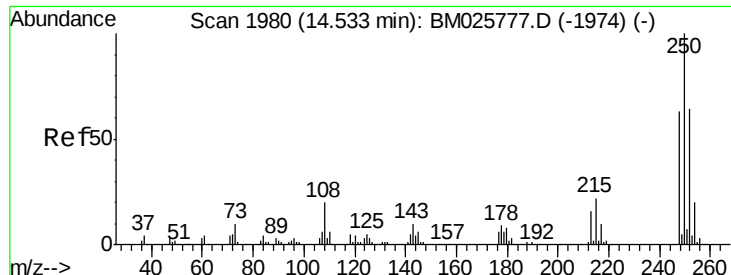


#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 228.177 ng/uL
 RT: 13.00 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BM025789.D
 Acq: 26 Mar 2020 03:54

Tgt Ion:	216	Resp:	3851939
Ion	Ratio	Lower	Upper
216	100		
214	78.2	61.8	92.6
218	48.4	37.3	55.9

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 5.267 ng/uL

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM025789.D

Acq: 26 Mar 2020 03:54

Instrument :

BNA_M

ClientSampleId :

C0DL7

Tot Ion:	250	Resp:	98966
Ion Ratio	Lower	Upper	
250	100		
248	61.8	50.3	75.5
252	60.5	51.9	77.9

Manual Integrations
APPROVED

mohammad
3/27/2020 8:15:52 AM

