

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021345.D
 Acq On : 02 Jul 2019 16:22
 Operator : HP/JU
 Sample : K3594-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD8

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:50:36 PM

Quant Time: Jul 02 17:41:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 02 01:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	210650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	921009	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	568464	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1240753	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	861414	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1001727	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	19266	4.34	ng/uL	0.00
5) Phenol-d5	6.92	99	534165	29.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	295368	27.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	442644	29.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	473132	30.91	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	237957	31.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	279791	33.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	548721	32.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	279484	15.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1763210	34.33	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1992044	31.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	227851	27.27	ng/ul	0.00
57) Fluorene-d10	15.39	176	1509150	33.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	171554	22.49	ng/ul	0.00
70) Anthracene-d10	17.24	188	2146455	33.29	ng/ul	0.00
78) Pyrene-d10	19.54	212	2022302	39.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2009017	33.99	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.95	94	17376	1.002	ng/ul#	89
44) Dimethylphthalate	13.85	163	351948	7.527	ng/ul	99
69) Phenanthrene	17.19	178	138921	2.024	ng/ul	98
76) Fluoranthene	19.20	202	449716	6.065	ng/ul#	90
79) Pyrene	19.57	202	377972	6.207	ng/ul	99
82) Benzo(a)anthracene	21.32	228	174241	2.967	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	73621	2.294	ng/ul	97
84) Chrysene	21.37	228	218747	3.977	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	352064	5.548	ng/ul#	93
88) Benzo(k)fluoranthene	22.96	252	122123m	2.001	ng/ul	
90) Benzo(a)pyrene	23.50	252	216064	3.618	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.89	276	179281	2.549	ng/ul	96
93) Benzo(g,h,i)perylene	26.60	276	159550	2.755	ng/ul	97

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

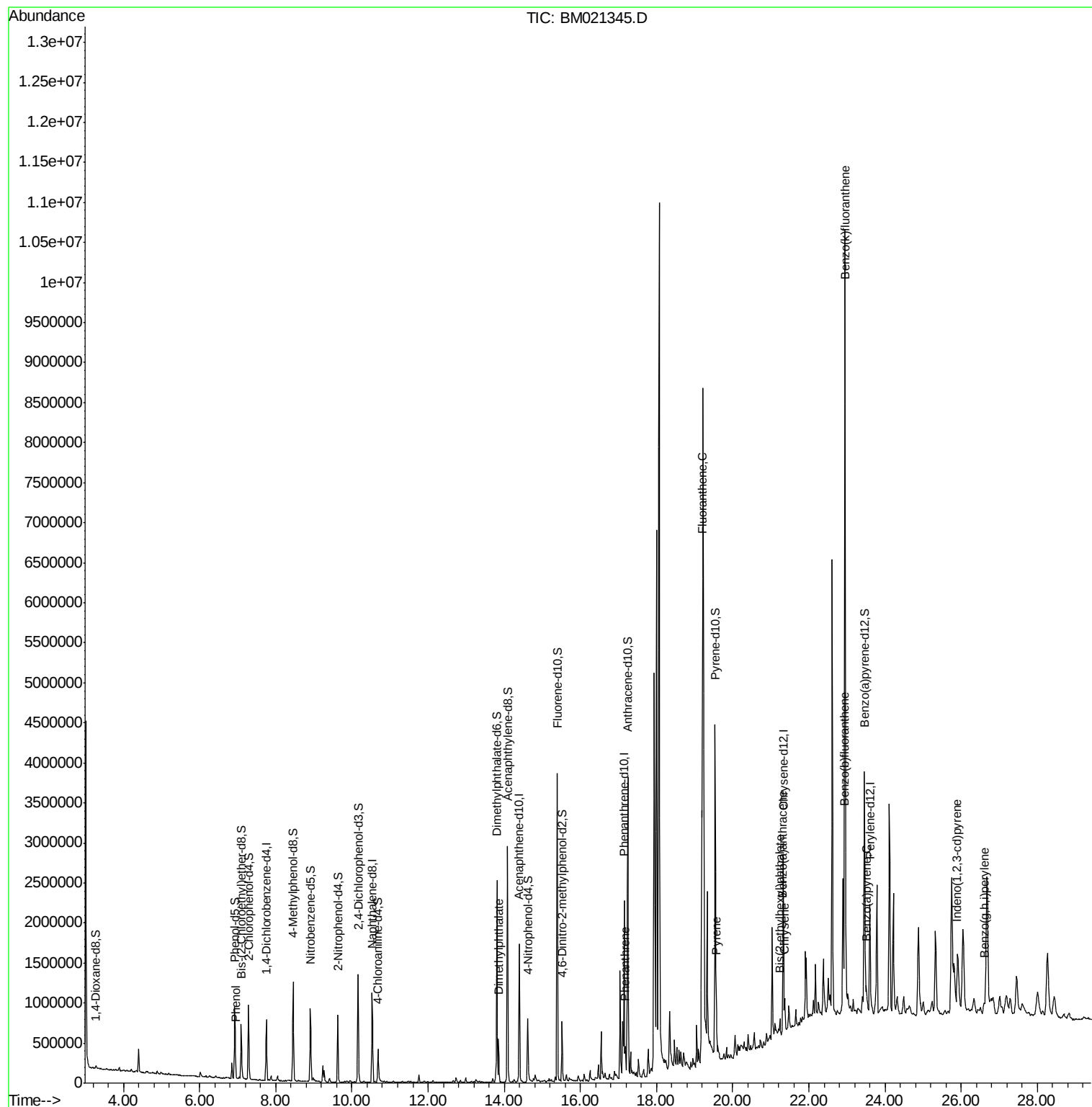
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021345.D
Acq On : 02 Jul 2019 16:22
Operator : HP/JU
Sample : K3594-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

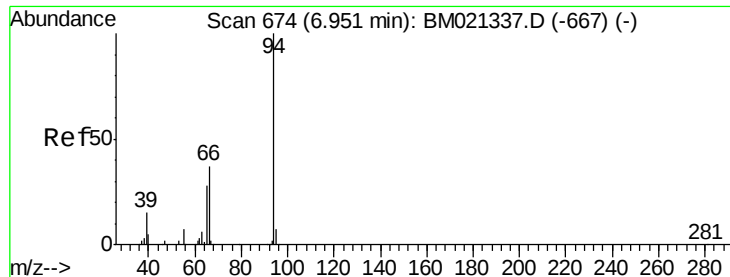
Instrument :
BNA_M
ClientSampleId :
C5BD8

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Quant Time: Jul 02 17:41:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:54:12 2019
Response via : Initial Calibration





#6

Phenol

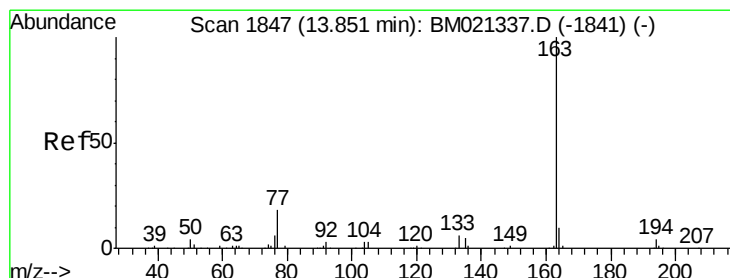
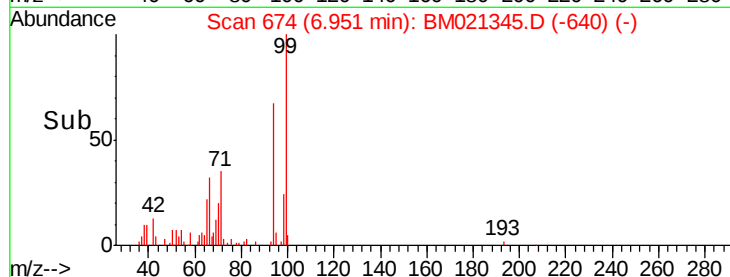
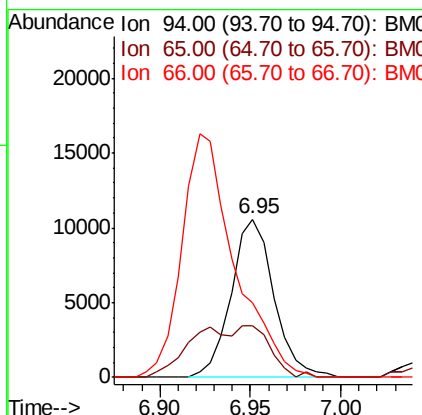
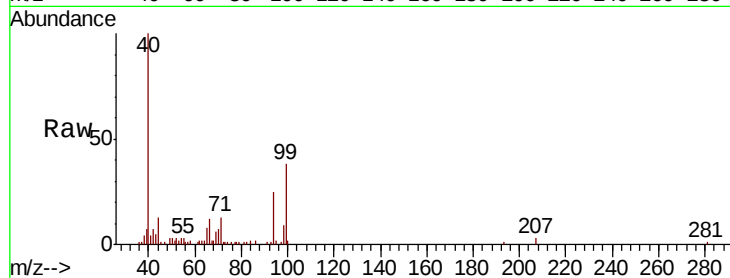
Concen: 1.002 ng/ul
 RT: 6.95 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BM021345.D
 Acq: 02 Jul 2019 16:22

Instrument :
 BNA_M
 ClientSampleId :
 C5BD8

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.5	22.6	34.0
66	47.0	31.2	46.8

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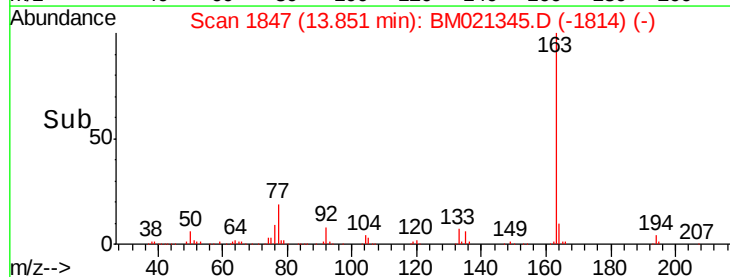
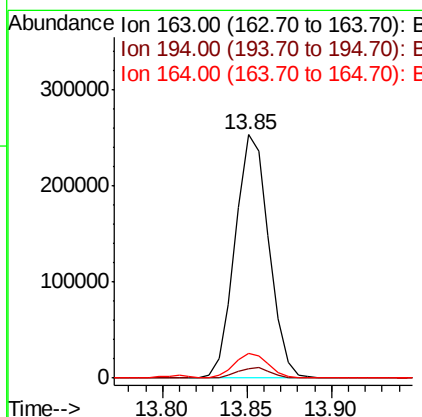
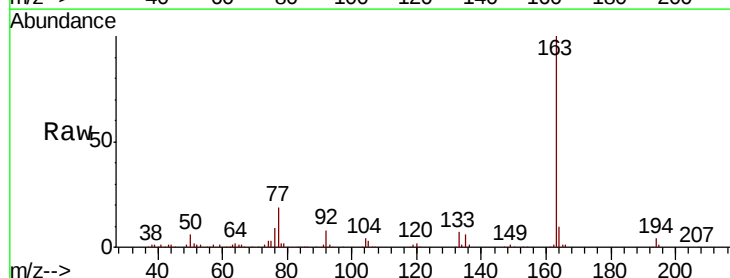


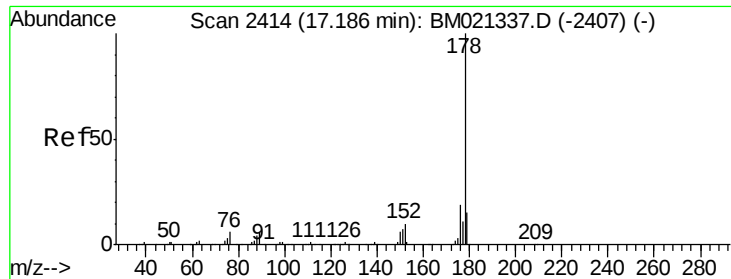
#44

Dimethylphthalate

Concen: 7.527 ng/ul
 RT: 13.85 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BM021345.D
 Acq: 02 Jul 2019 16:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.1	7.7	11.5





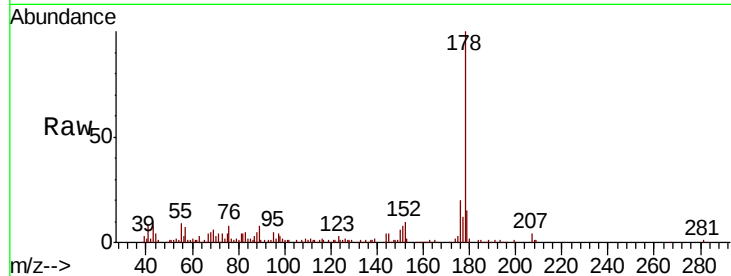
#69
Phenanthrene
Concen: 2.024 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM021345.D
Acq: 02 Jul 2019 16:22

Instrument :
BNA_M
ClientSampleId :
C5BD8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	20.0	15.0	22.6

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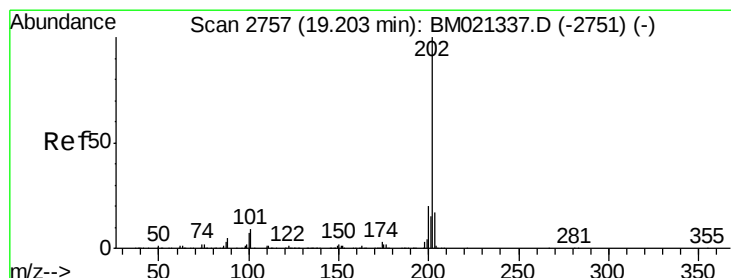
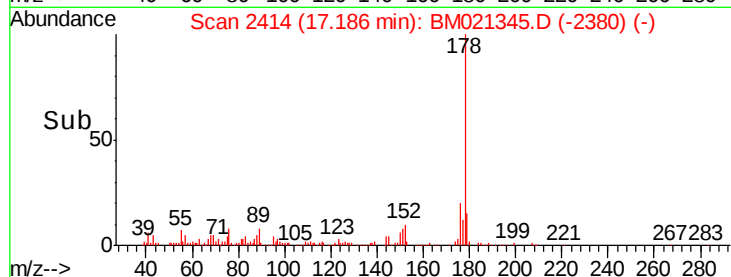
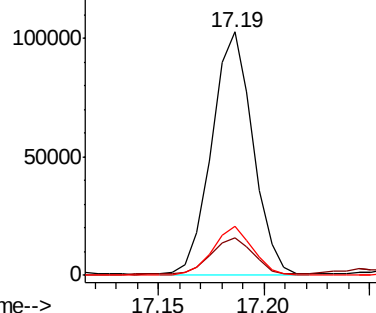


Abundance

Ion 178.00 (177.70 to 178.70): E

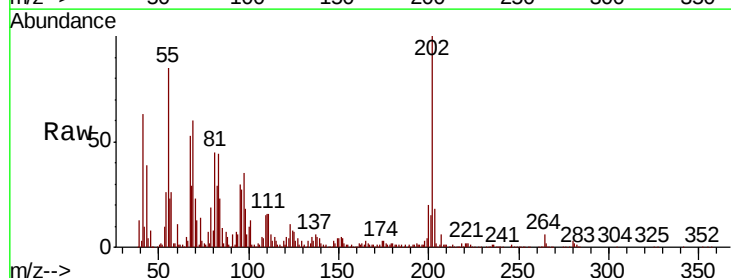
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76
Fluoranthene
Concen: 6.065 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.00 min
Lab File: BM021345.D
Acq: 02 Jul 2019 16:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	6.7	10.1#
100	9.7	5.5	8.3#

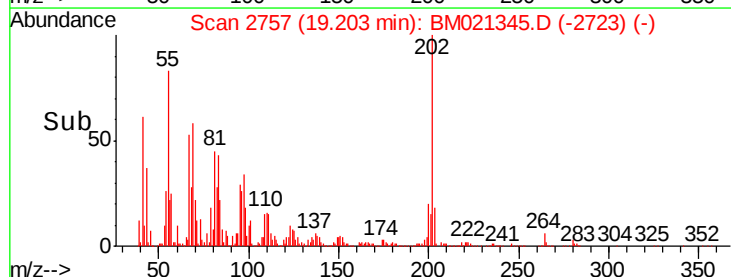
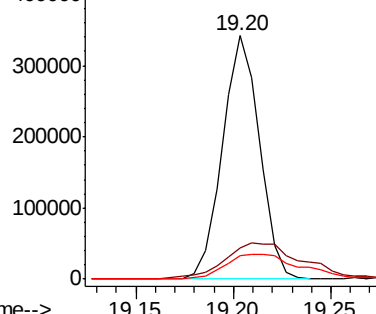


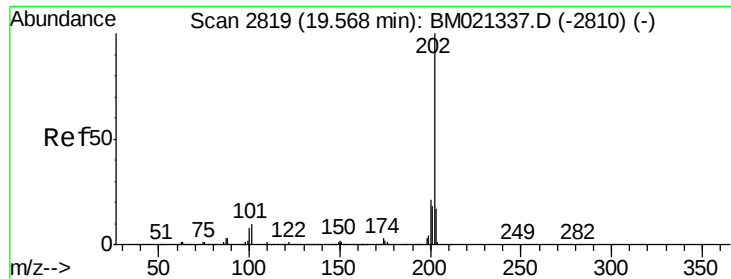
Abundance

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): E





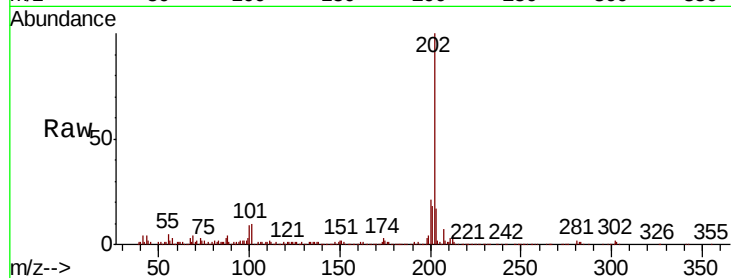
#79
Pvrene
Concen: 6.207 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BM021345.D
Acq: 02 Jul 2019 16:22

Instrument :
BNA_M
ClientSampleId :
C5BD8

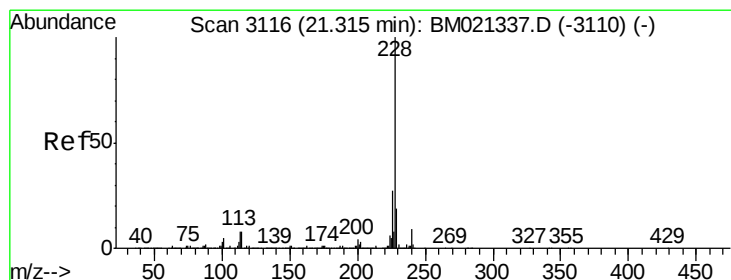
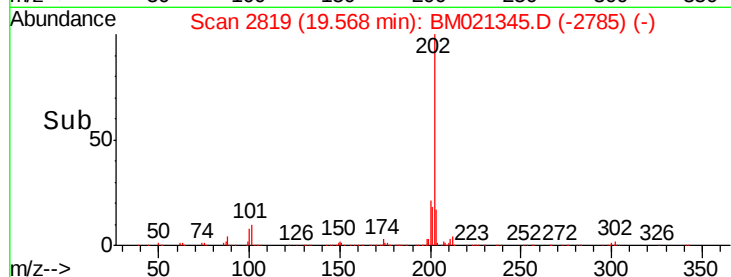
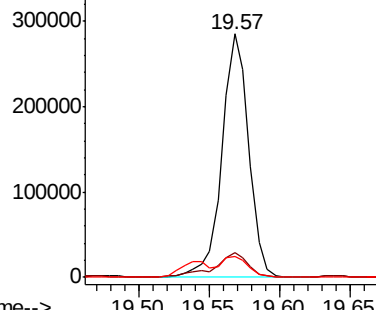
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	8.1	12.1
100	8.6	6.6	10.0

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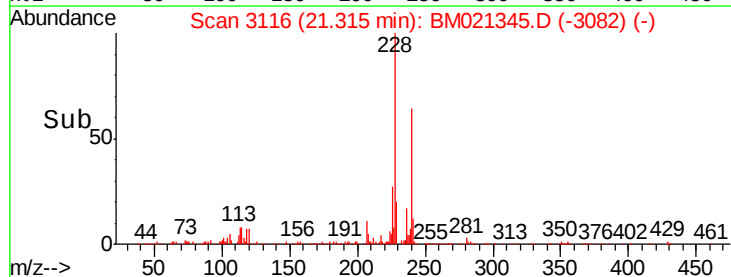
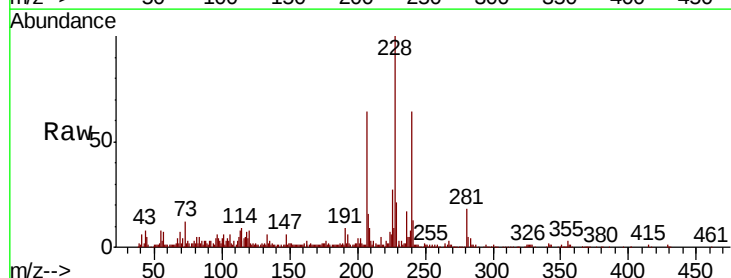
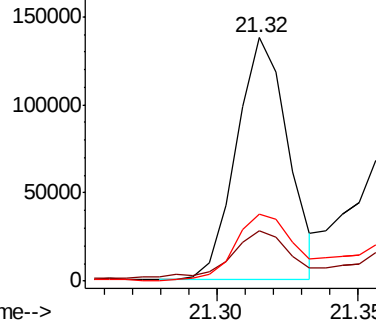
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

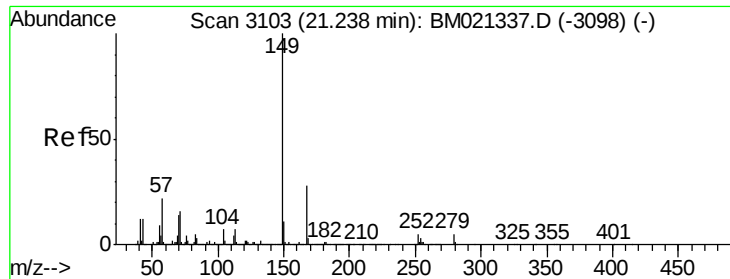


#82
Benzo(a)anthracene
Concen: 2.967 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM021345.D
Acq: 02 Jul 2019 16:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.8	23.8
226	27.4	21.4	32.2

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





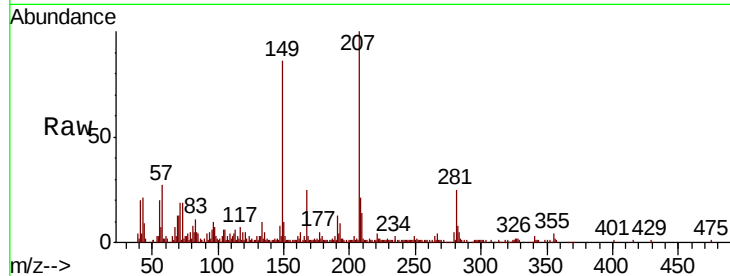
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.294 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BM021345.D
 Acq: 02 Jul 2019 16:22

Instrument :
 BNA_M
 ClientSampleID :
 C5BD8

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.3	33.5
279	5.3	3.8	5.6

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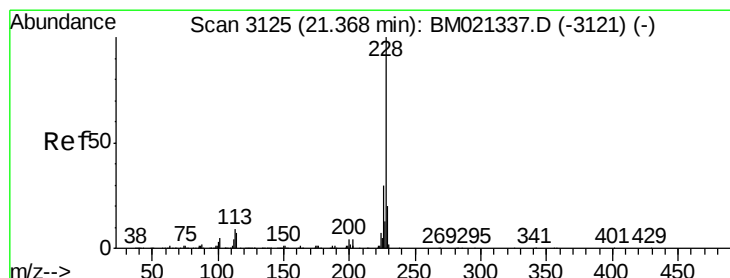
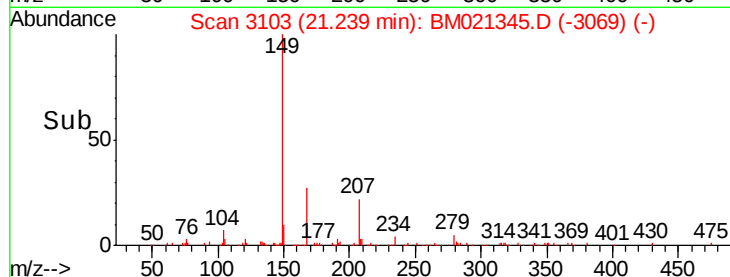
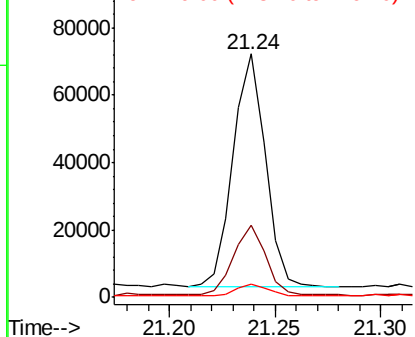


Abundance

Ion 149.00 (148.70 to 149.70): E

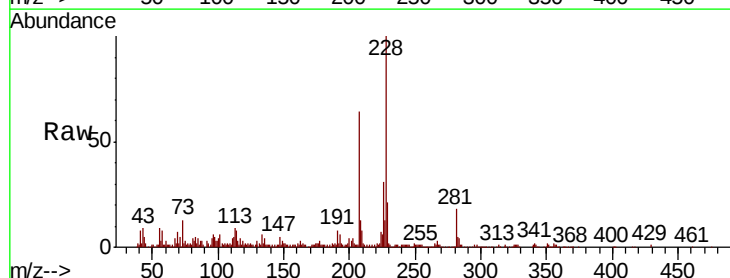
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Chrysene
 Concen: 3.977 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BM021345.D
 Acq: 02 Jul 2019 16:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	21.2	15.4	23.2

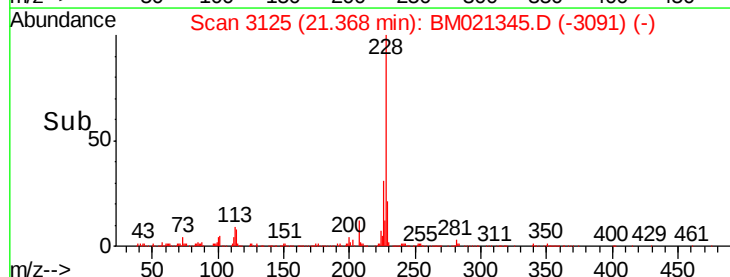
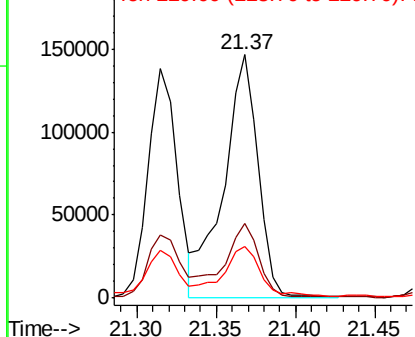


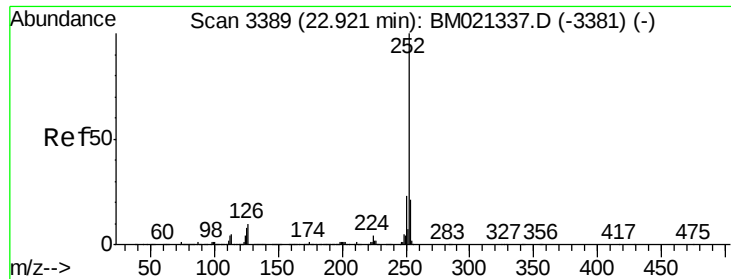
Abundance

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: 5.548 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM021345.D

Acq: 02 Jul 2019 16:22

Instrument :

BNA_M

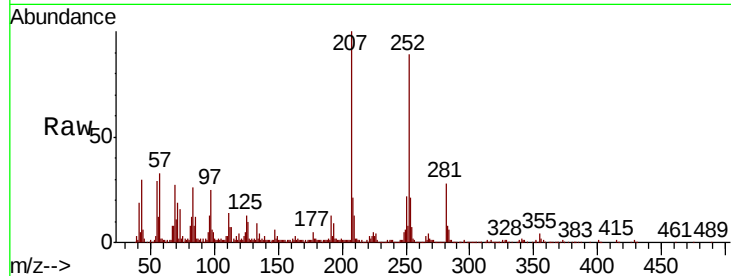
ClientSampleId :

C5BD8

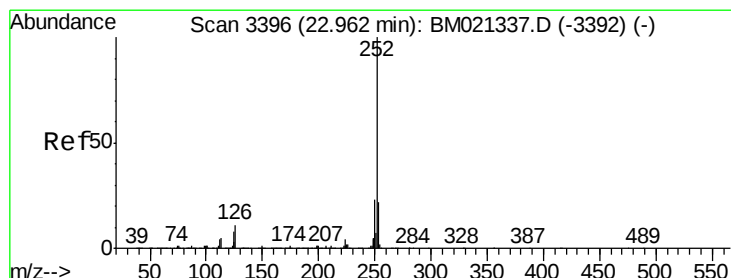
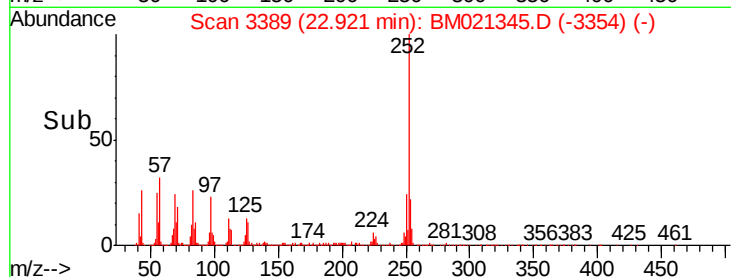
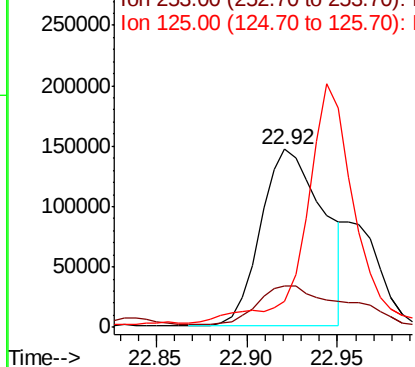
Tot Ion:	252	Resp:	352064
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.5	26.3
125	14.4	6.3	9.5#

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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



#88

Benzo(k)fluoranthene

Concen: 2.001 ng/ul m

RT: 22.96 min Scan# 3395

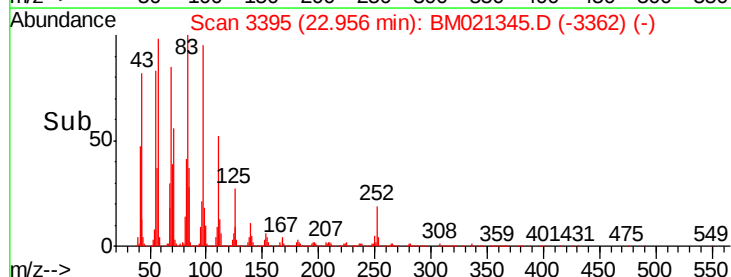
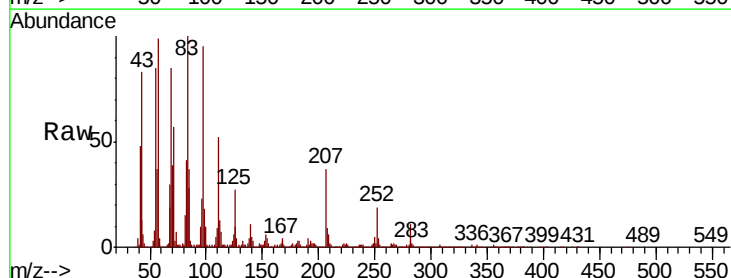
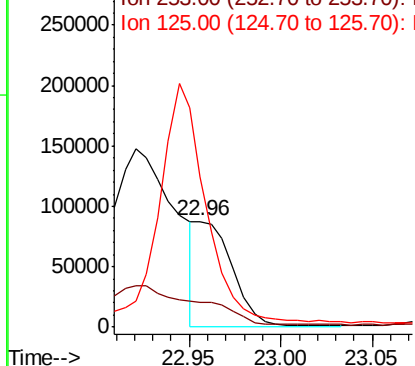
Delta R.T. -0.01 min

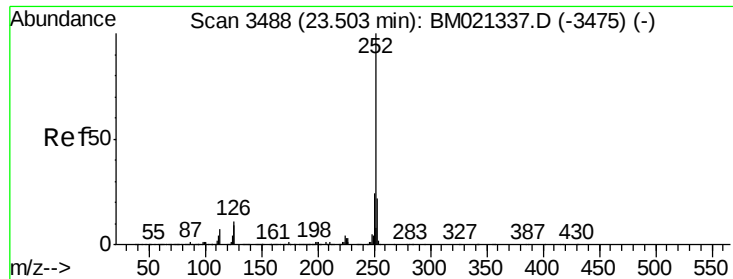
Lab File: BM021345.D

Acq: 02 Jul 2019 16:22

Tgt Ion:	252	Resp:	122123
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	142.7	6.6	9.8#

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





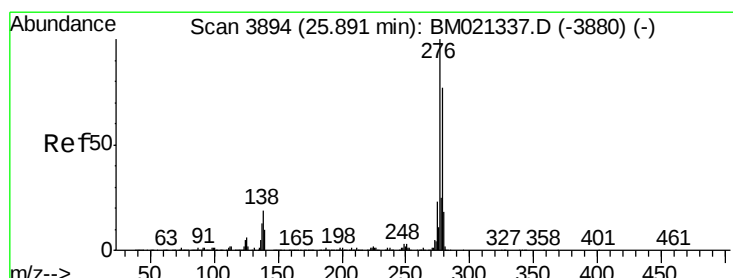
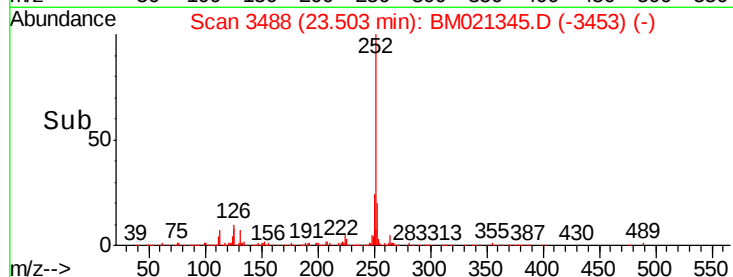
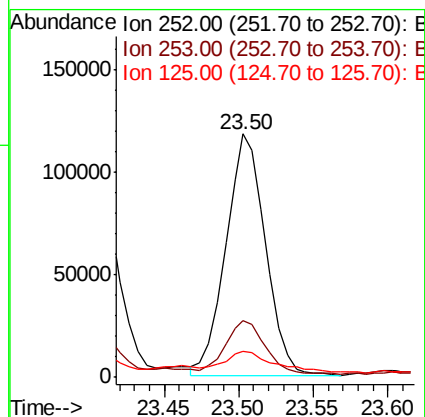
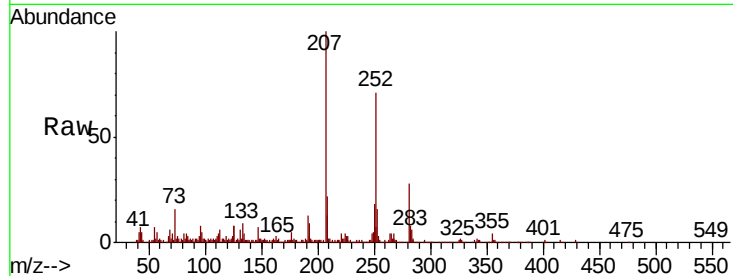
#90
Benzo(a)pyrene
Concen: 3.618 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM021345.D
Acq: 02 Jul 2019 16:22

Instrument :
BNA_M
ClientSampleId :
C5BD8

Tot Ion:	252	Resp:	216064
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	10.6	7.2	10.8

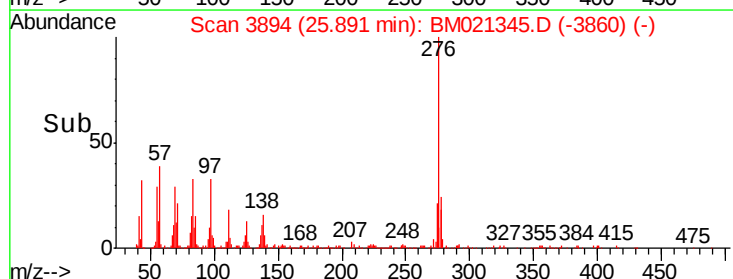
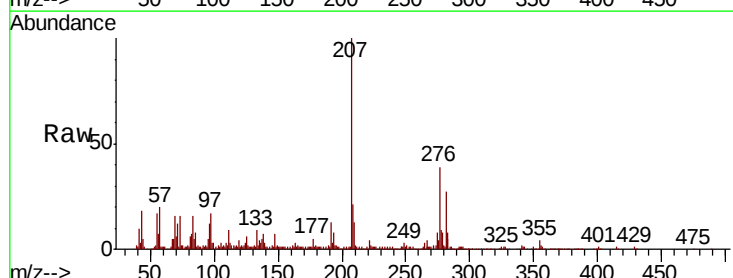
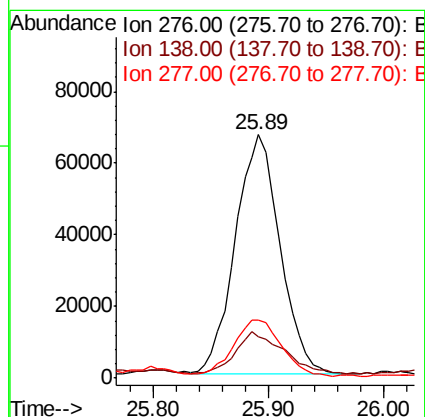
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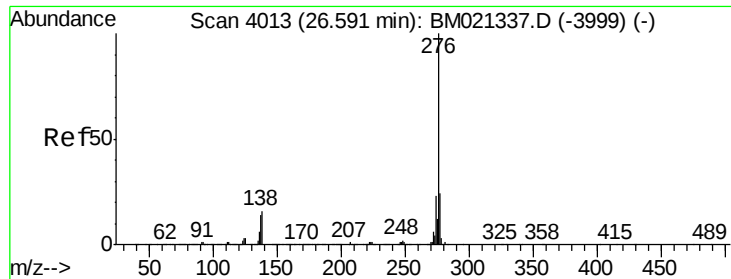
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#91
Indeno(1,2,3-cd)pyrene
Concen: 2.549 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.00 min
Lab File: BM021345.D
Acq: 02 Jul 2019 16:22

Tgt Ion:	276	Resp:	179281
Ion Ratio	Lower	Upper	
276	100		
138	16.9	15.9	23.9
277	24.1	20.4	30.6





#93

Benzo(a,h,i)perylene

Concen: 2.755 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. 0.01 min

Lab File: BM021345.D

Acq: 02 Jul 2019 16:22

Instrument :

BNA_M

ClientSampleId :

C5BD8

Tot Ion:	276	Resp:	159550
Ion Ratio	Lower	Upper	
276	100		
138	15.9	14.6	21.8
277	23.2	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:36 PM

