

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
 Data File : BM022597.D
 Acq On : 09 Sep 2019 10:35
 Operator : HP/JU
 Sample : K4706-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF573

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:08:53 PM

Quant Time: Sep 09 16:47:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	498592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2134956	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.49	164	1383579	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	2787947	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	2896123	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	3134453	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	59594	4.98	ng/uL	0.00
5) Phenol-d5	7.01	99	415406	9.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	806478	30.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	962438	26.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	693231	18.54	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	566646	36.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	581923	40.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	1110099	30.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	88740	1.86	ng/ul	0.04
44) Dimethylphthalate-d6	13.90	166	3432330	30.61	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	4107421	30.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	189349	9.89	ng/ul	0.01
58) Fluorene-d10	15.48	176	2941079	31.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	418591	33.03	ng/ul	0.00
71) Anthracene-d10	17.32	188	4536765	31.77	ng/ul	0.00
79) Pyrene-d10	19.62	212	5078824	31.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	5466279	32.45	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.70	128	47876717m	404.474	ng/ul
34) 2-Methylnaphthalene	12.32	142	7948408	89.130	ng/ul 99
41) 1,1'-Biphenyl	13.32	154	1701150	14.765	ng/ul 100
45) Dimethylphthalate	13.94	163	164098	1.442	ng/ul 98
48) Acenaphthylene	14.21	152	1345901	9.665	ng/ul 98
50) Acenaphthene	14.56	153	5239815	54.306	ng/ul 99
54) Dibenzofuran	14.89	168	5273002	39.378	ng/ul 99
59) Fluorene	15.53	166	4115614	37.358	ng/ul 99
70) Phenanthrene	17.27	178	5429316	31.805	ng/ul 99
72) Anthracene	17.36	178	381886	2.178	ng/ul 99
75) Carbazole	17.63	167	8156021	51.751	ng/ul 99
77) Fluoranthene	19.27	202	1363032	7.036	ng/ul 98
80) Pyrene	19.64	202	855740	4.083	ng/ul 100

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

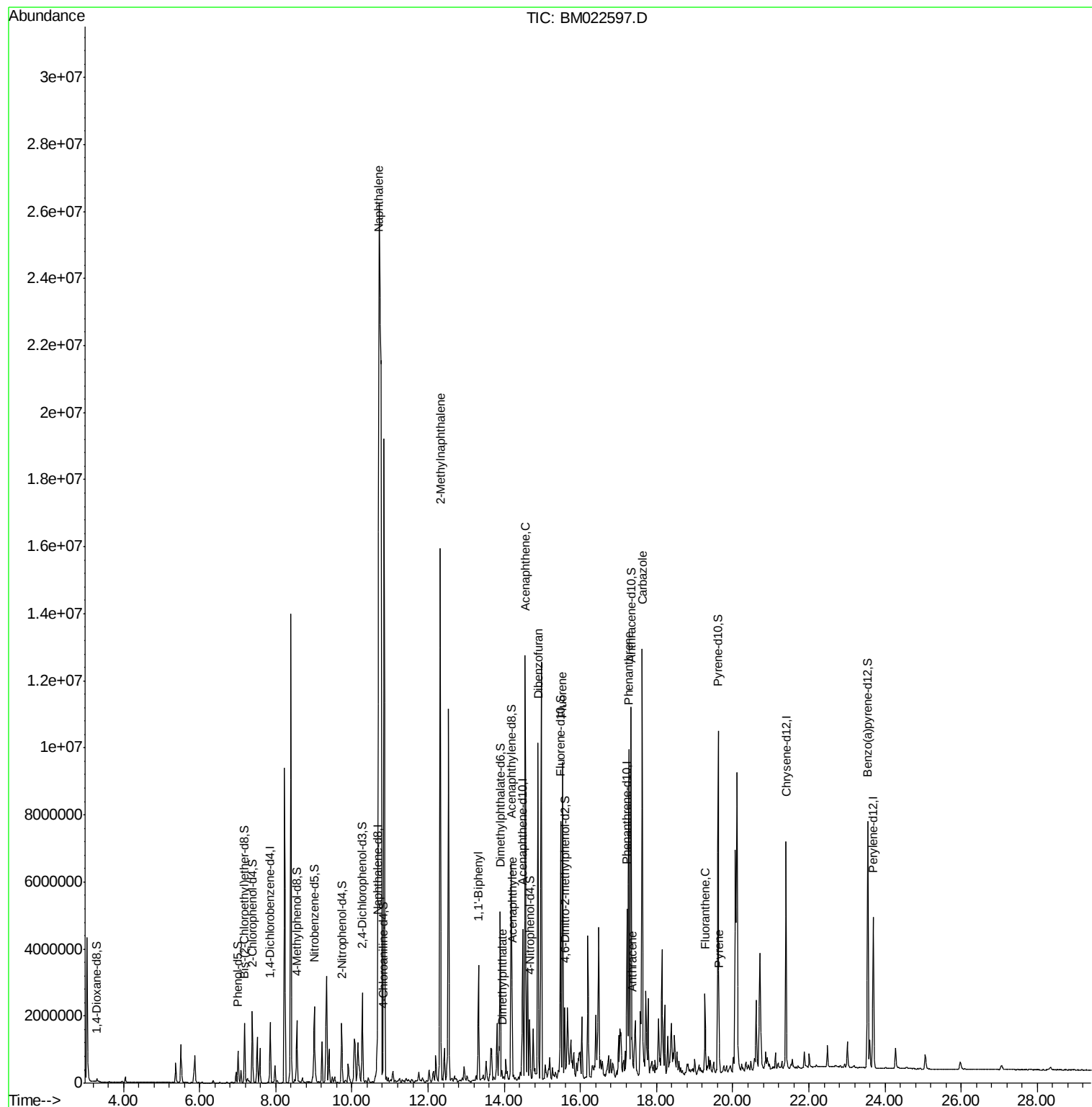
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022597.D
Acq On : 09 Sep 2019 10:35
Operator : HP/JU
Sample : K4706-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

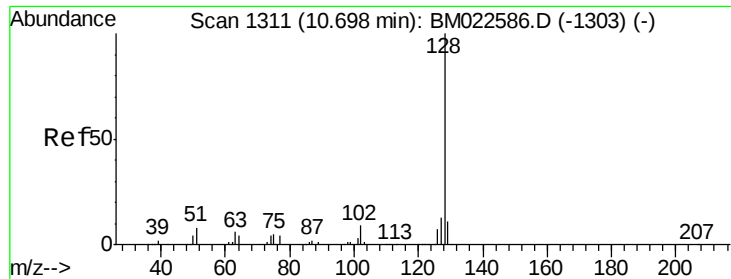
Instrument :
BNA_M
ClientSampleId :
BF573

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Quant Time: Sep 09 16:47:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





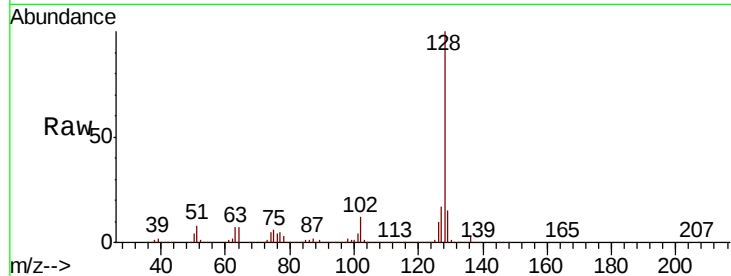
#28
Naphthalene
Concen: 404.474 ng/ul m
RT: 10.70 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BM022597.D
Acq: 09 Sep 2019 10:35

Instrument :
BNA_M
ClientSampled :
BF573

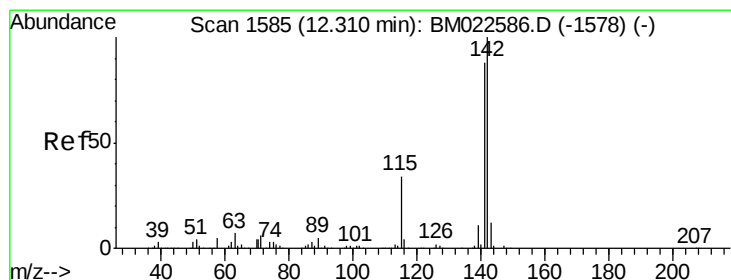
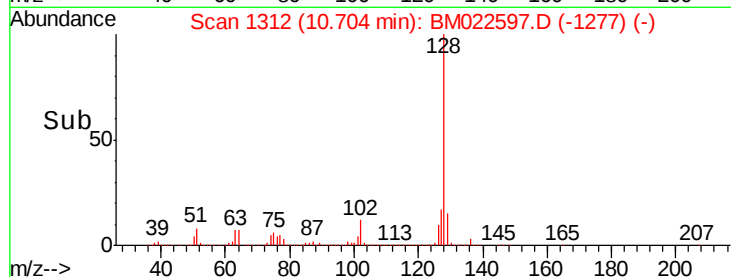
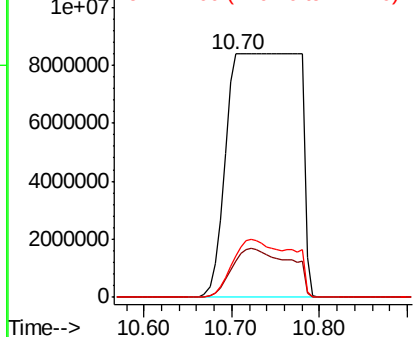
Tot Ion:128 Resp:47876717
Ion Ratio Lower Upper
128 100
129 15.1 8.9 13.3#
127 17.2 10.6 16.0#

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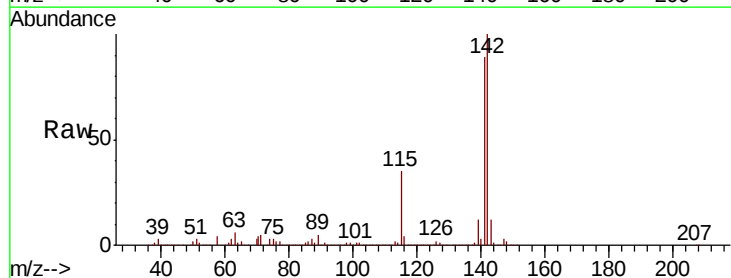


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

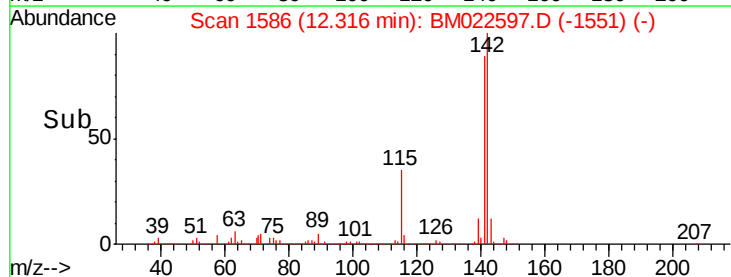
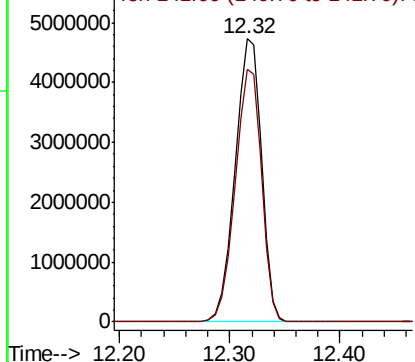


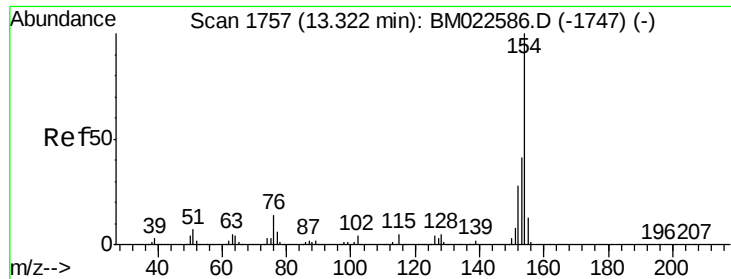
#34
2-Methylnaphthalene
Concen: 89.130 ng/ul
RT: 12.32 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BM022597.D
Acq: 09 Sep 2019 10:35

Tgt Ion:142 Resp: 7948408
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





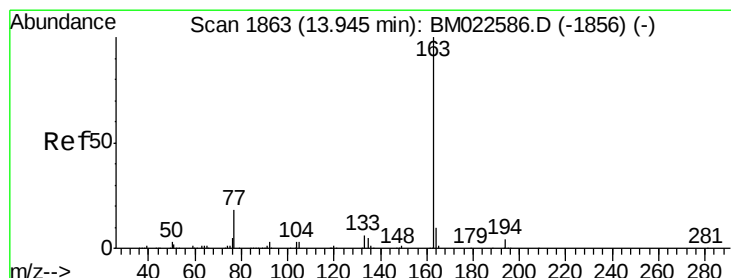
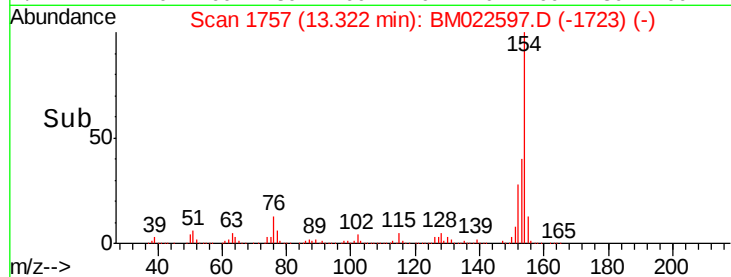
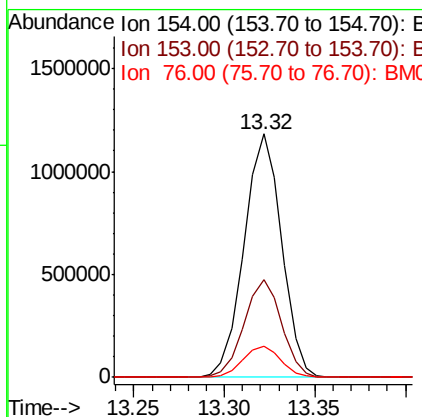
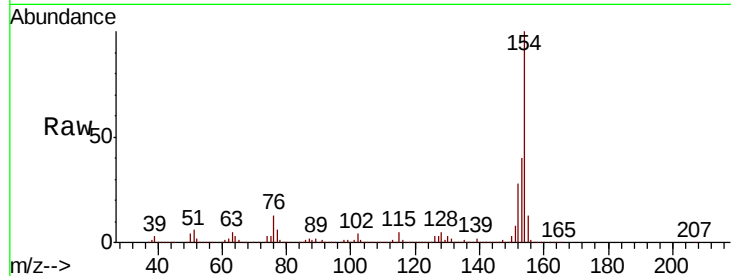
#41
1,1'-Biphenyl
Concen: 14.765 ng/ul
RT: 13.32 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BM022597.D
Acq: 09 Sep 2019 10:35

Instrument :
BNA_M
ClientSampleId :
BF573

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.1	48.1
76	12.9	10.2	15.2

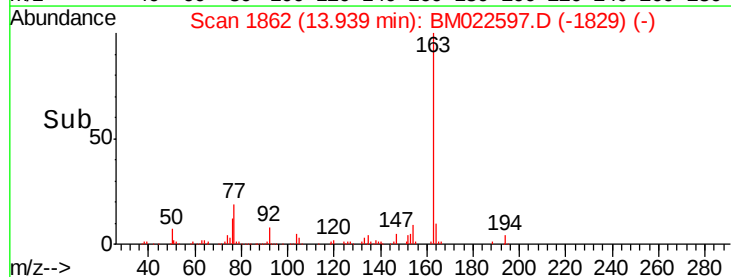
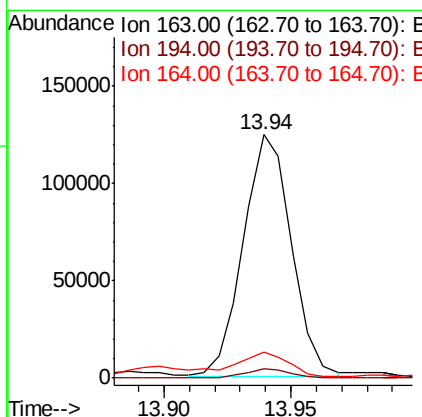
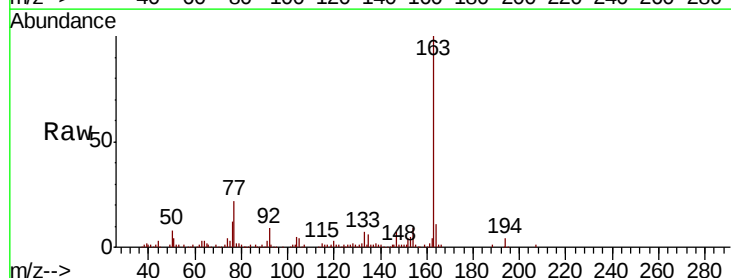
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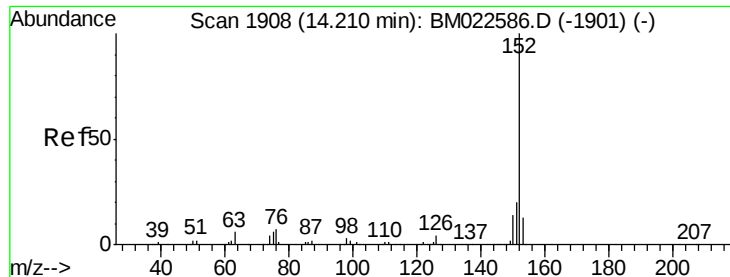
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#45
Dimethylphthalate
Concen: 1.442 ng/ul
RT: 13.94 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BM022597.D
Acq: 09 Sep 2019 10:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.9	7.8	11.8





#48

Acenaphthylene

Concen: 9.665 ng/ul

RT: 14.21 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BM022597.D

Acq: 09 Sep 2019 10:35

Instrument :

BNA_M

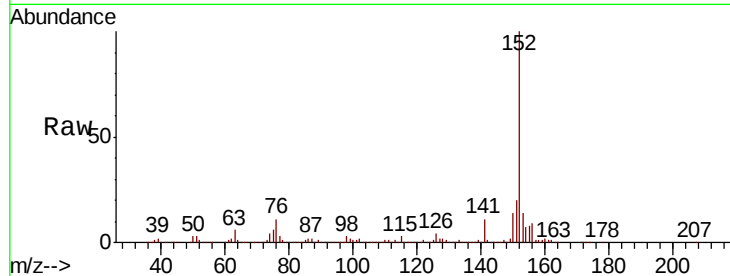
ClientSampleId :

BF573

Tot Ion:	152	Resp:	1345901
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	14.1	10.4	15.6

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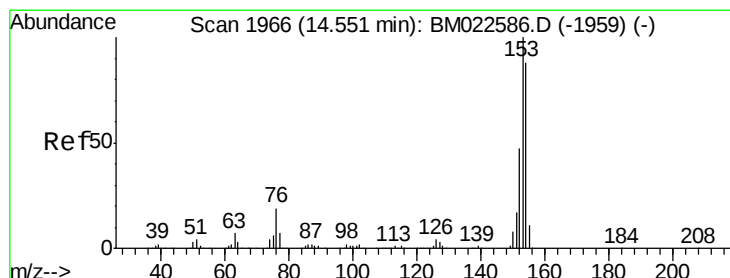
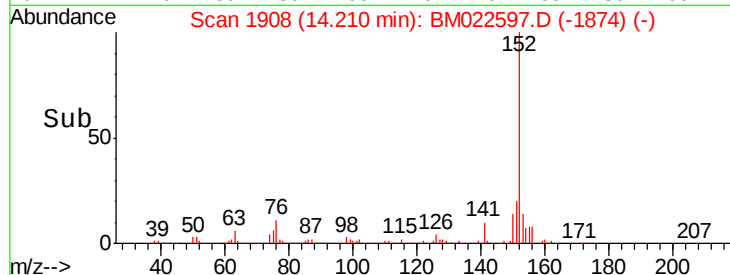
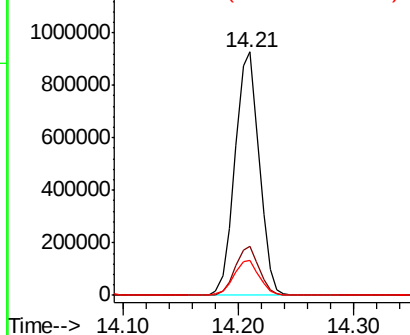


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 54.306 ng/ul

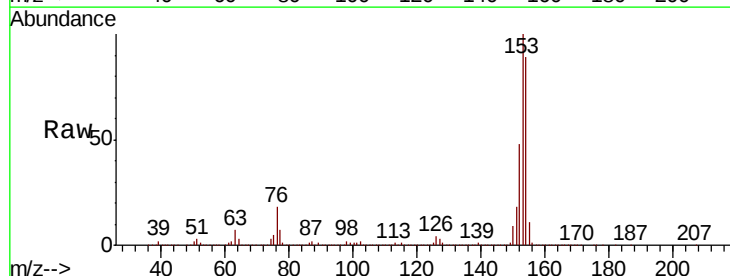
RT: 14.56 min Scan# 1967

Delta R.T. 0.01 min

Lab File: BM022597.D

Acq: 09 Sep 2019 10:35

Tgt Ion:	153	Resp:	5239815
Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.5	56.3
154	88.6	71.4	107.0

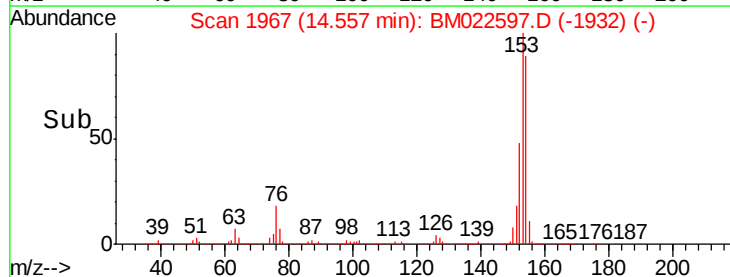
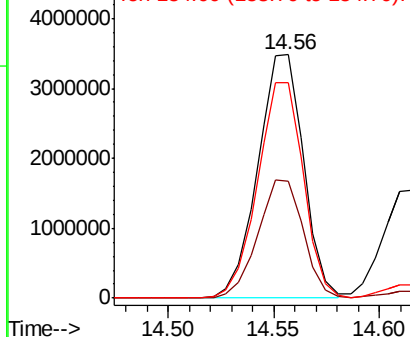


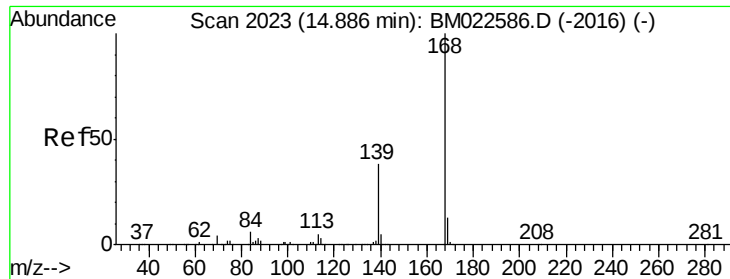
Abundance

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





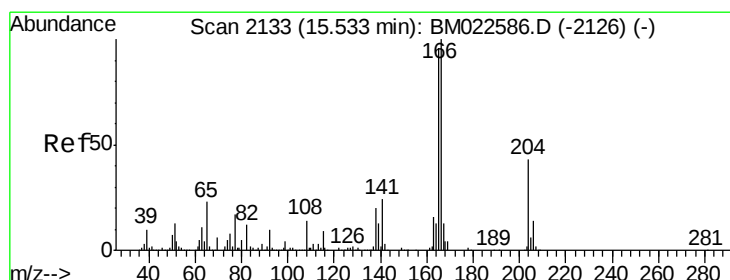
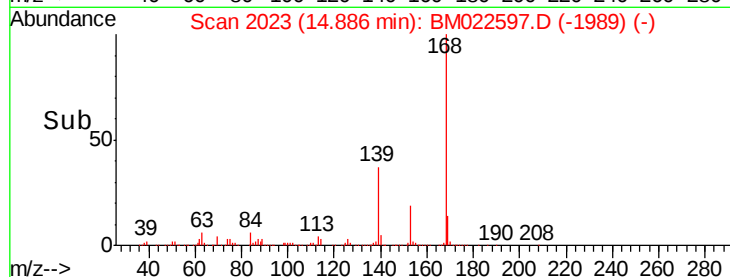
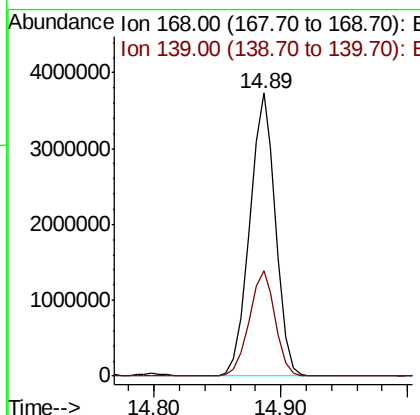
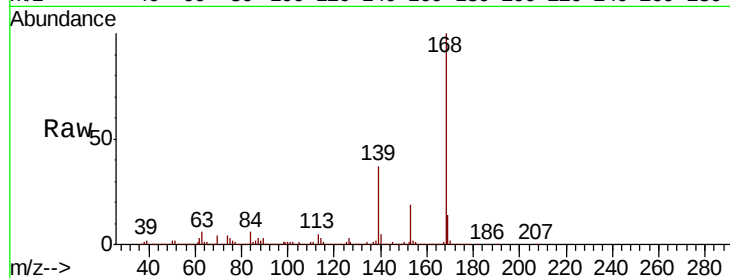
#54
Dibenzenofuran
Concen: 39.378 ng/ul
RT: 14.89 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BM022597.D
Acq: 09 Sep 2019 10:35

Instrument :
BNA_M
ClientSampleId :
BF573

Tot Ion:168 Resp: 5273002
Ion Ratio Lower Upper
168 100
139 37.4 29.5 44.3

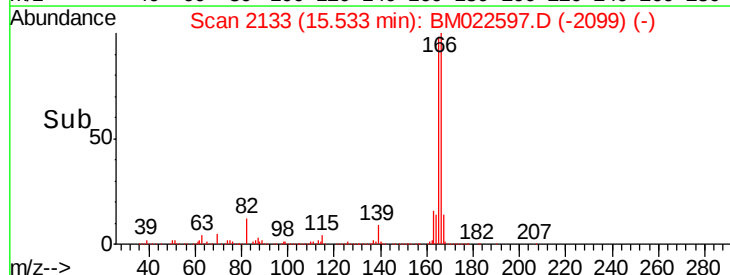
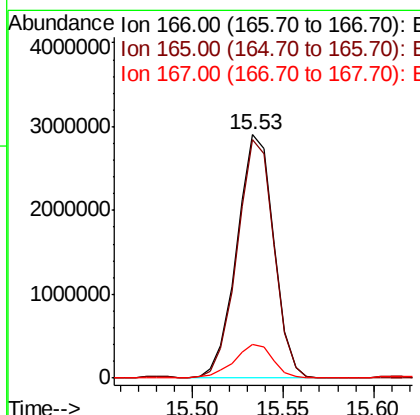
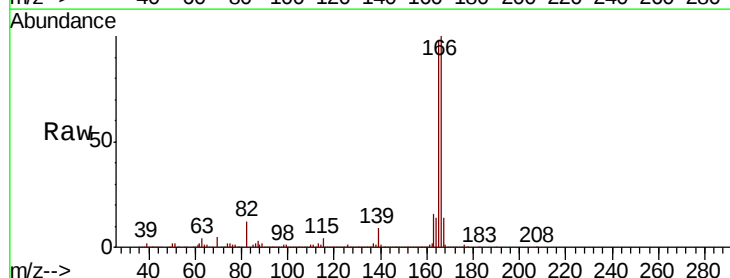
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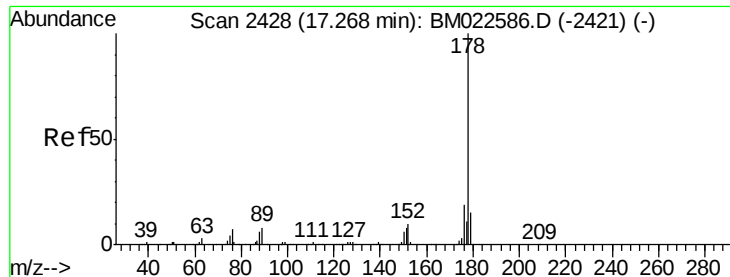
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#59
Fluorene
Concen: 37.358 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM022597.D
Acq: 09 Sep 2019 10:35

Tgt Ion:166 Resp: 4115614
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.8
167 13.8 10.9 16.3





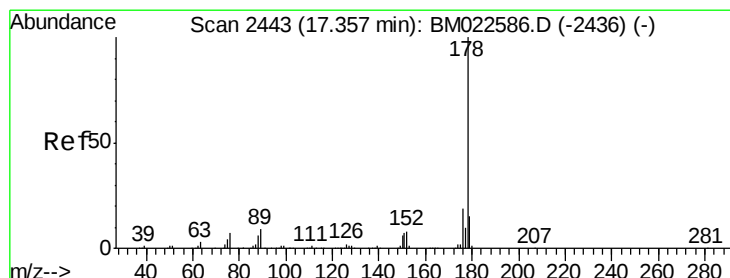
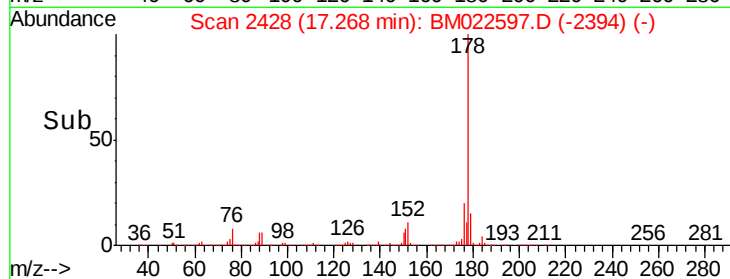
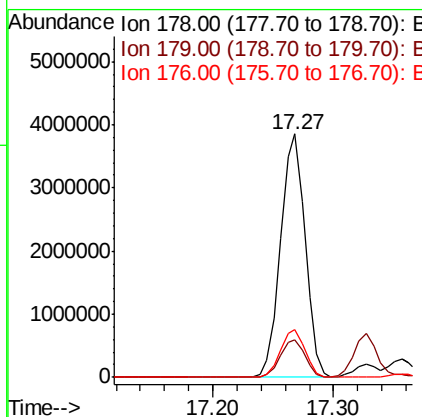
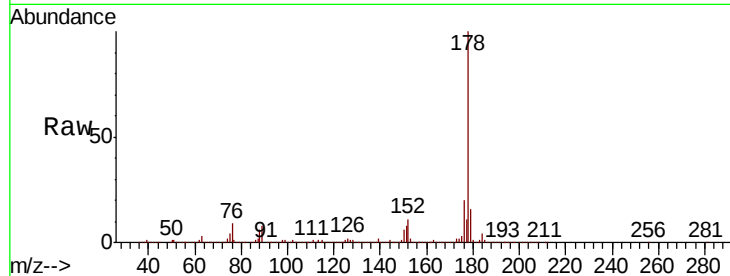
#70
Phenanthrene
Concen: 31.805 ng/ul
RT: 17.27 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM022597.D
Acq: 09 Sep 2019 10:35

Instrument :
BNA_M
ClientSampled :
BF573

Tot Ion:178 Resp: 5429316
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 19.8 15.4 23.0

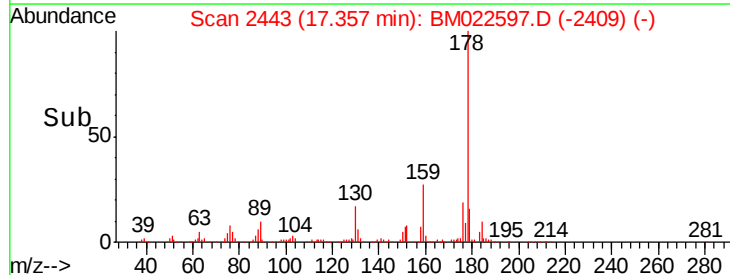
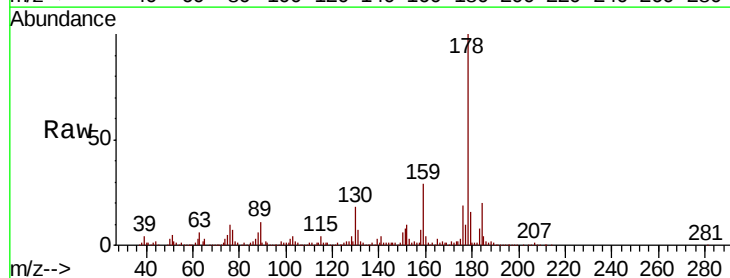
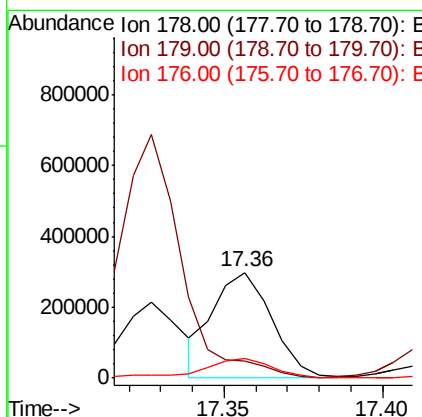
Manual Integrations
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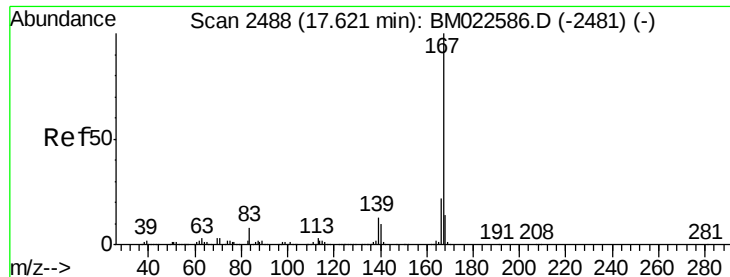
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#72
Anthracene
Concen: 2.178 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM022597.D
Acq: 09 Sep 2019 10:35

Tgt Ion:178 Resp: 381886
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 18.9 14.7 22.1





#75

Carbazole

Concen: 51.751 ng/ul

RT: 17.63 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BM022597.D

Acq: 09 Sep 2019 10:35

Instrument :

BNA_M

ClientSampleId :

BF573

Tot Ion:167 Resp: 8156021

Ion Ratio Lower Upper

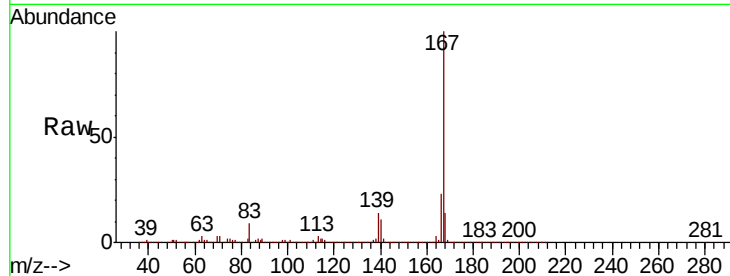
167 100

166 22.5 17.4 26.0

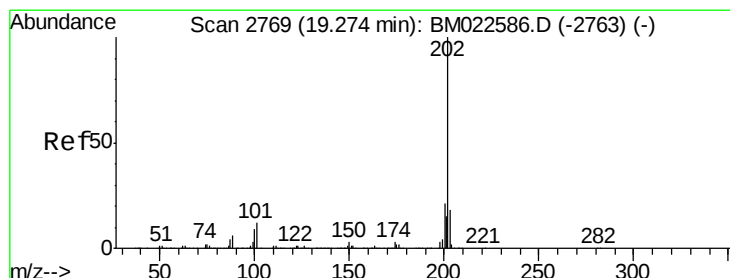
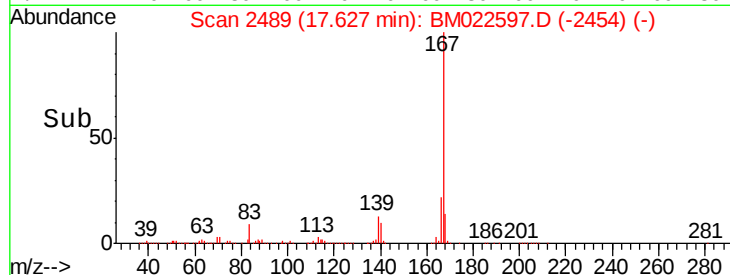
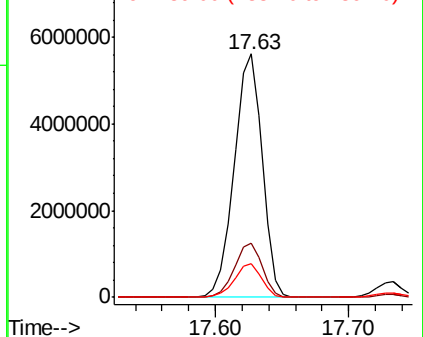
139 13.6 10.6 15.8

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 7.036 ng/ul

RT: 19.27 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM022597.D

Acq: 09 Sep 2019 10:35

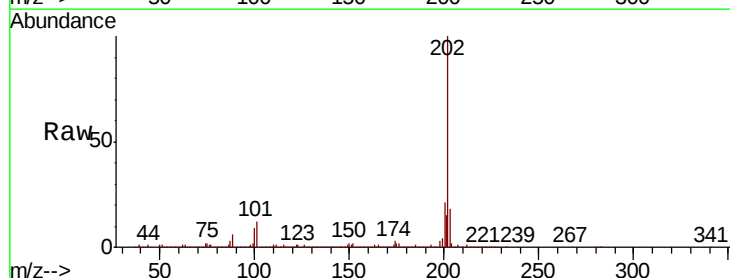
Tgt Ion:202 Resp: 1363032

Ion Ratio Lower Upper

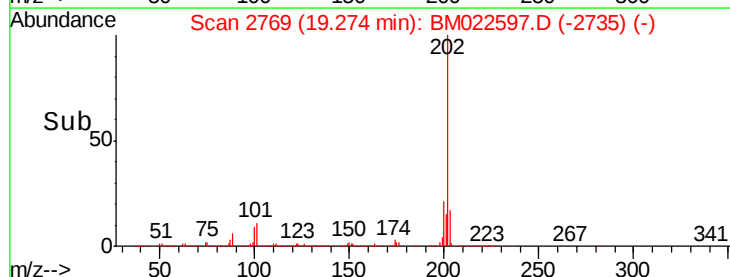
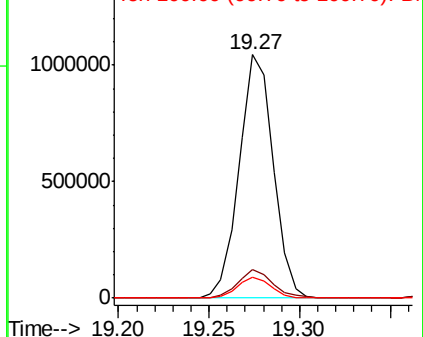
202 100

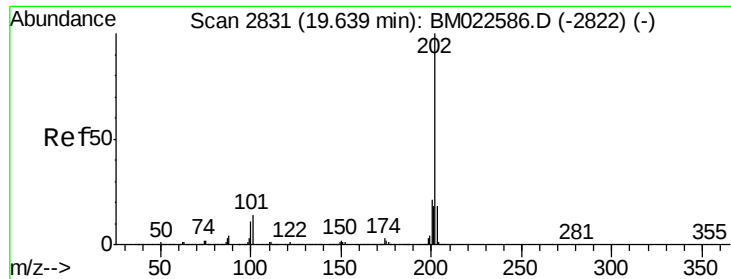
101 11.7 8.8 13.2

100 8.8 6.3 9.5



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





#80
Pvrene
Concen: 4.083 ng/ul
RT: 19.64 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM022597.D
Acq: 09 Sep 2019 10:35

Instrument :
BNA_M
ClientSampleId :
BF573

Tot Ion	Ratio	Resp	Lower	Upper
202	100	855740		
101	13.4		10.6	16.0
100	10.9		8.6	13.0

Manual Integrations
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