

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
 Data File : BM025881.D
 Acq On : 01 Apr 2020 00:39
 Operator : CG/JU
 Sample : L2045-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

mohammad
 4/1/2020 11:56:33 AM

Quant Time: Apr 01 02:41:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 01:28:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	187535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	764162	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	455516	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	945636	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	990223	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1118995	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	15188	3.40	ng/uL	0.00
5) Phenol-d5	6.75	99	407302	27.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	211334	25.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	332662	27.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	337951	27.79	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	156114	27.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	172277	28.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	343377	27.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	53335	3.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	991295	28.63	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1231585	29.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	173369	26.30	ng/ul	0.00
58) Fluorene-d10	15.20	176	908912	29.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	137498	23.83	ng/ul	0.00
71) Anthracene-d10	17.04	188	1405213	31.81	ng/ul	0.00
79) Pyrene-d10	19.34	212	1518509	31.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	1811518	31.62	ng/ul	0.00

Target Compounds

					Ovalue
16) 4-Methylphenol	8.32	108	125228	9.700 ng/ul	85
45) Dimethylphthalate	13.66	163	99621	2.764 ng/ul	100
70) Phenanthrene	16.99	178	173089	3.110 ng/ul	98
77) Fluoranthene	19.00	202	509007	7.758 ng/ul	99
80) Pyrene	19.37	202	400127	6.017 ng/ul	98
83) Benzo(a)anthracene	21.12	228	174992	2.680 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.08	149	54769	1.394 ng/ul	98
85) Chrysene	21.17	228	292494	4.566 ng/ul	97
88) Benzo(b)fluoranthene	22.65	252	463351	6.636 ng/ul#	97
89) Benzo(k)fluoranthene	22.69	252	126257m	1.836 ng/ul	
91) Benzo(a)pyrene	23.19	252	255210	4.017 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.40	276	224790	2.679 ng/ul	96
94) Benzo(g,h,i)perylene	26.04	276	164072	2.372 ng/ul#	95

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

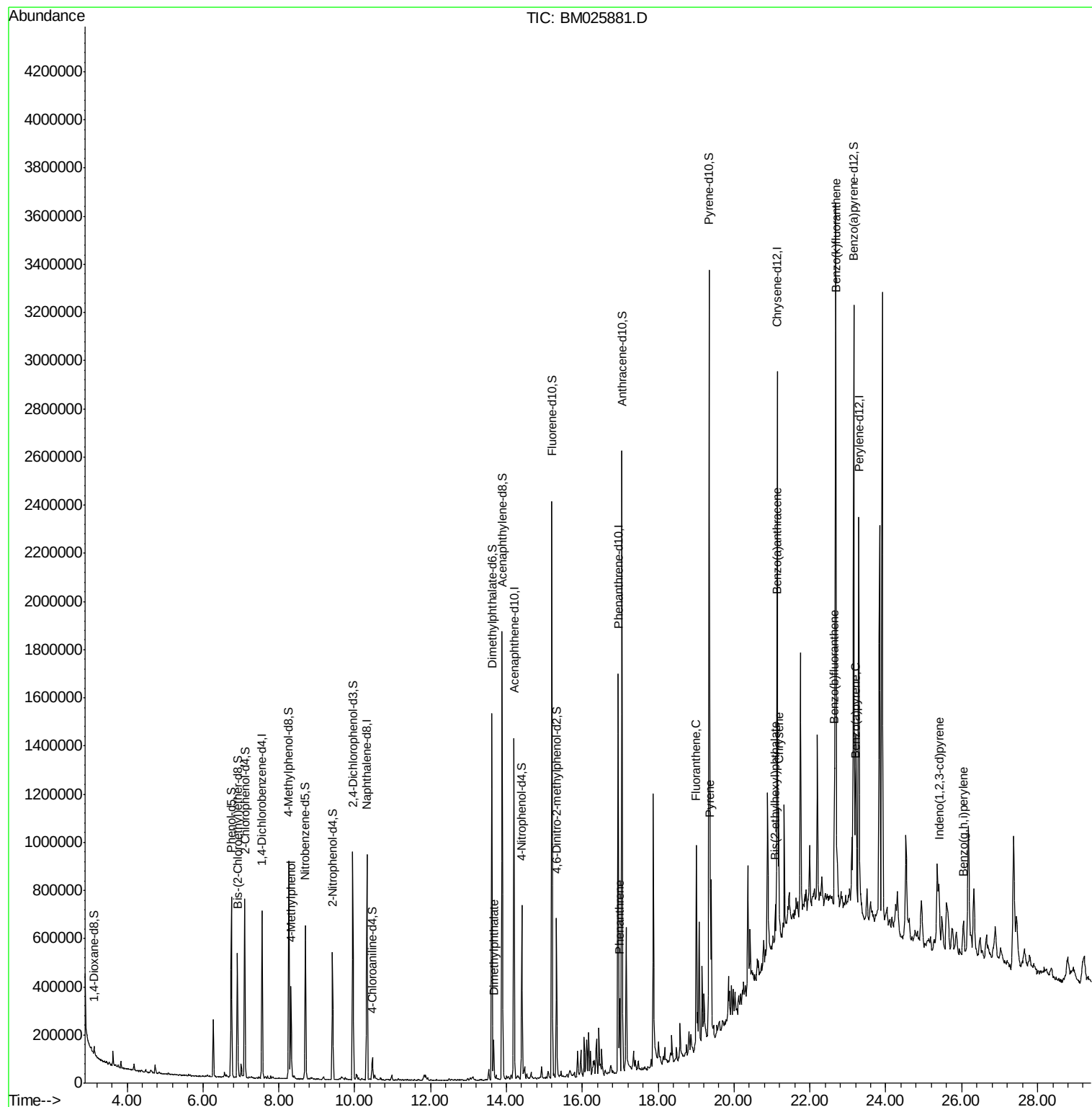
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040120\
Data File : BM025881.D
Acq On : 01 Apr 2020 00:39
Operator : CG/JU
Sample : L2045-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

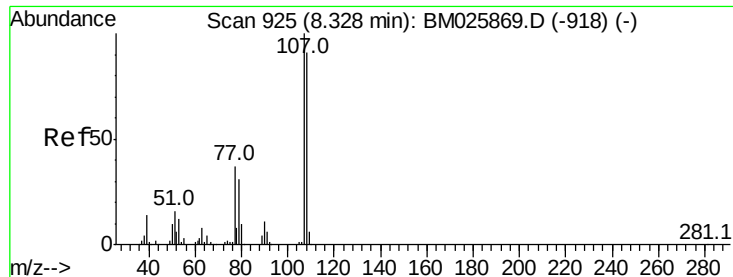
Instrument :
BNA_M
ClientSampleId :
C0AB9

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4/1/2020 11:56:33 AM

Quant Time: Apr 01 02:41:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 01:28:55 2020
Response via : Initial Calibration





#16

4-Methylphenol

Concen: 9.700 ng/ul

RT: 8.32 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM025881.D

Acq: 01 Apr 2020 00:39

Instrument :

BNA_M

ClientSampleId :

C0AB9

Tot Ion:108 Resp: 125228

Ion Ratio Lower Upper

108 100

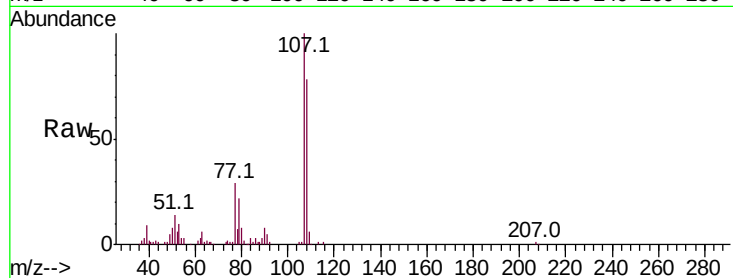
107 128.2 90.0 135.0

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

120000

100000

80000

60000

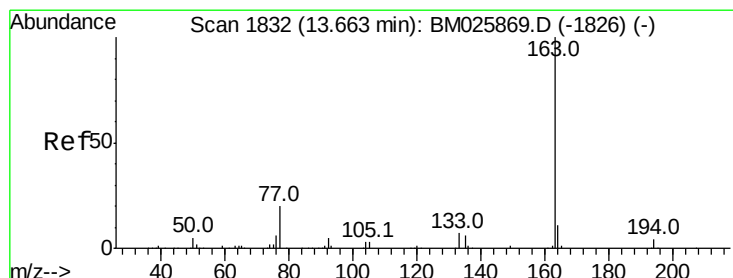
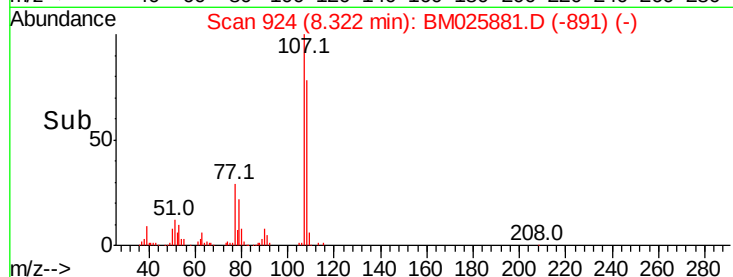
40000

20000

0

8.25 8.30 8.35

Time-->



#45

Dimethylphthalate

Concen: 2.764 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BM025881.D

Acq: 01 Apr 2020 00:39

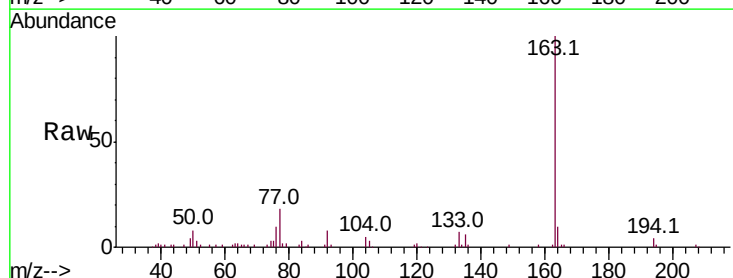
Tgt Ion:163 Resp: 99621

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

100000

80000

60000

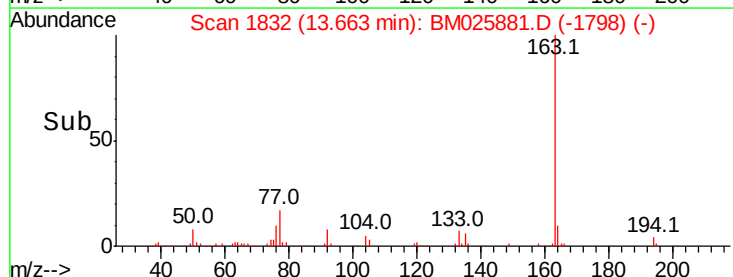
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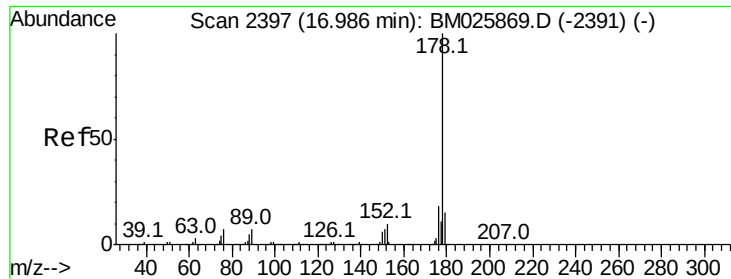
20000

0

13.60 13.65 13.70

Time-->





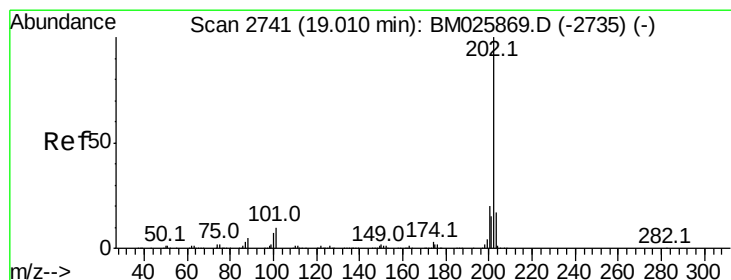
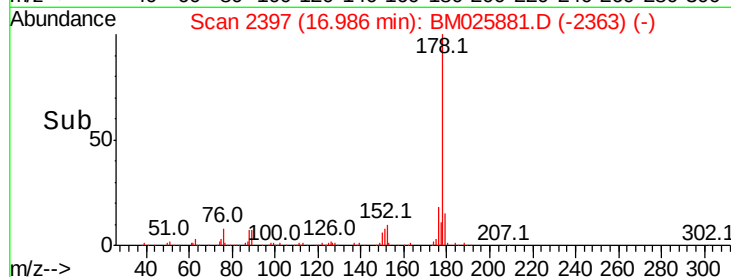
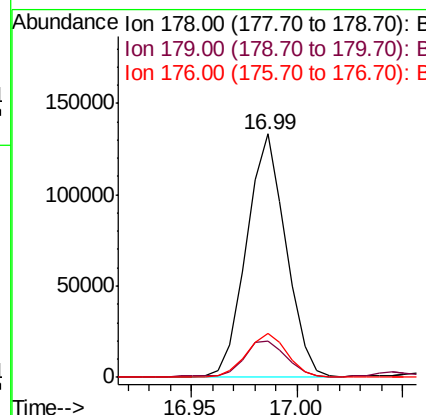
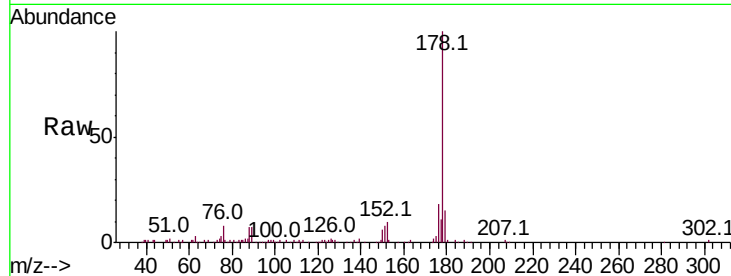
#70
Phenanthrene
Concen: 3.110 ng/ul
RT: 16.99 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM025881.D
Acq: 01 Apr 2020 00:39

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	17.9	15.3	22.9

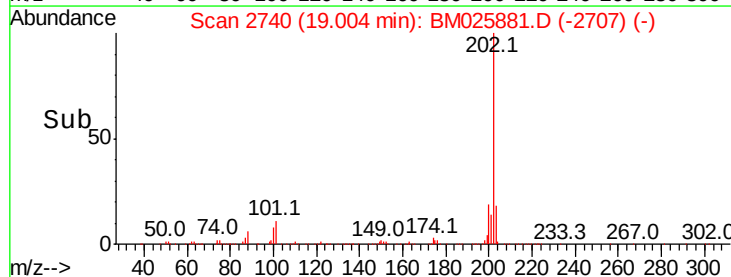
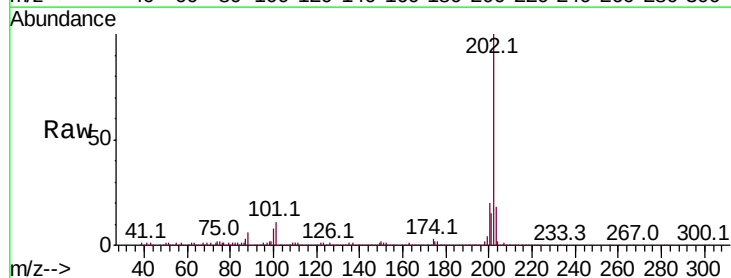
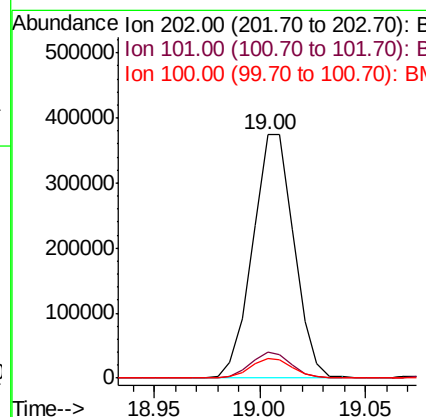
Manual Integrations
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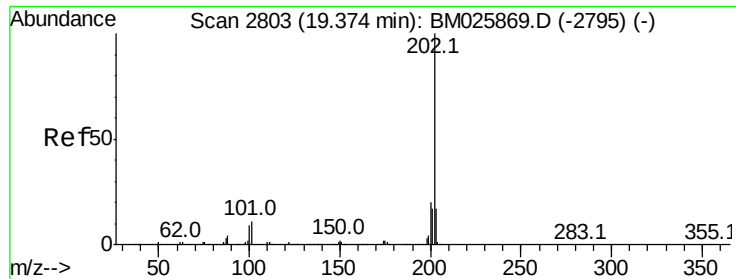
mohammad
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#77
Fluoranthene
Concen: 7.758 ng/ul
RT: 19.00 min Scan# 2740
Delta R.T. -0.01 min
Lab File: BM025881.D
Acq: 01 Apr 2020 00:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.2	12.4
100	8.3	6.5	9.7





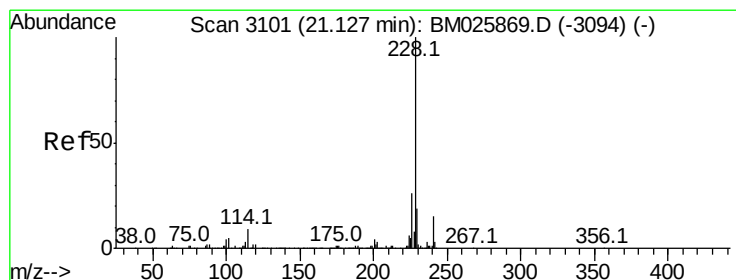
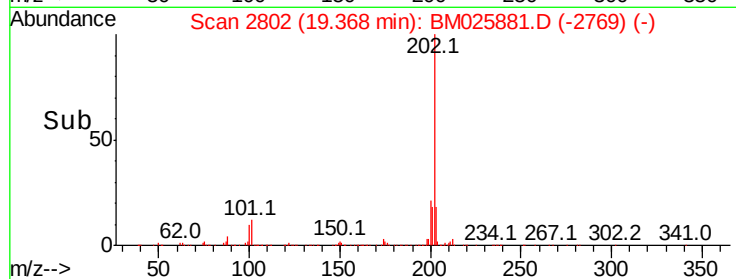
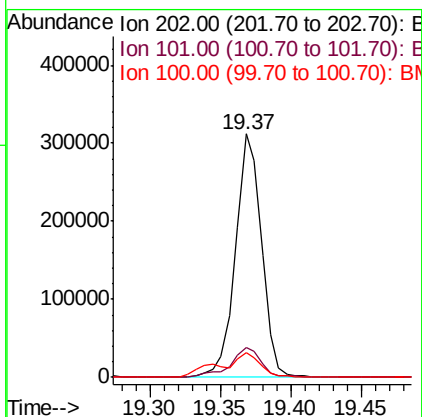
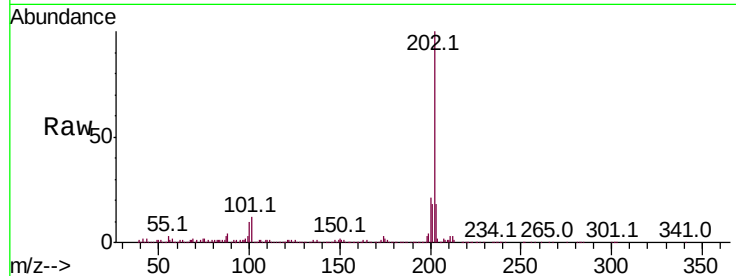
#80
Pvrene
Concen: 6.017 ng/ul
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BM025881.D
Acq: 01 Apr 2020 00:39

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	8.9	13.3
100	10.0	7.5	11.3

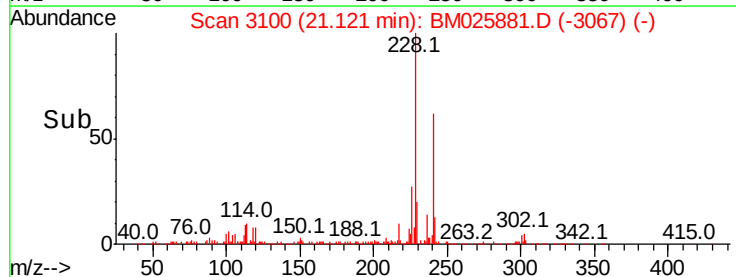
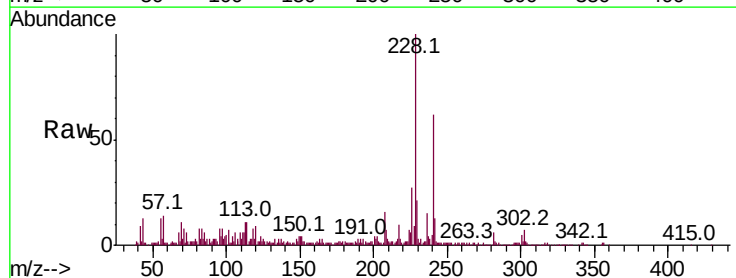
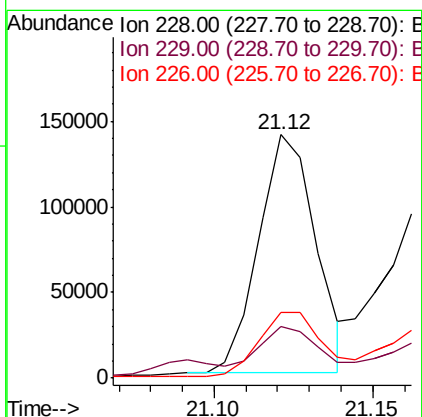
Manual Integrations
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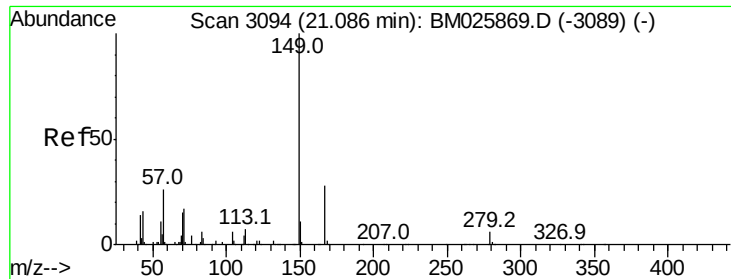
mohammad
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#83
Benzo(a)anthracene
Concen: 2.680 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM025881.D
Acq: 01 Apr 2020 00:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.2	15.5	23.3
226	26.9	21.0	31.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.394 ng/ul

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM025881.D

Acq: 01 Apr 2020 00:39

Instrument :

BNA_M

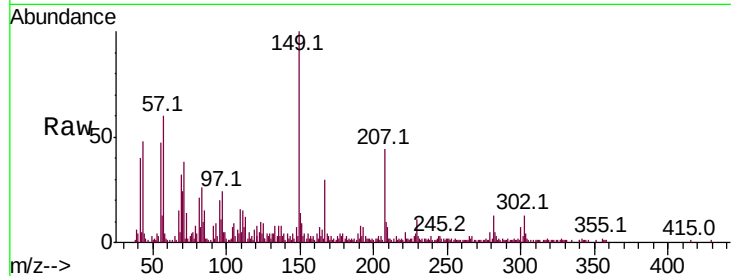
ClientSampleId :

C0AB9

Tot Ion:	149	Resp:	54769
Ion Ratio	Lower	Upper	
149	100		
167	29.7	22.7	34.1
279	5.2	4.1	6.1

Manual Integrations
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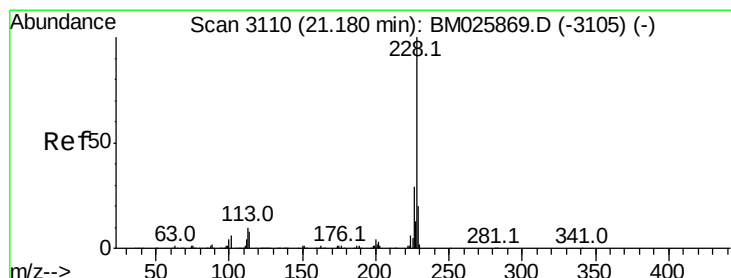
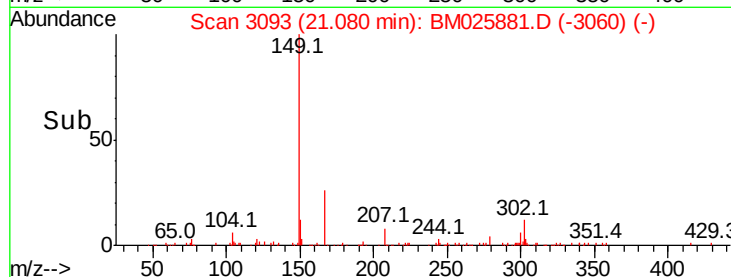
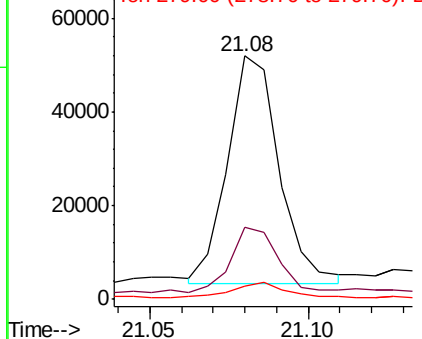
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 4.566 ng/ul

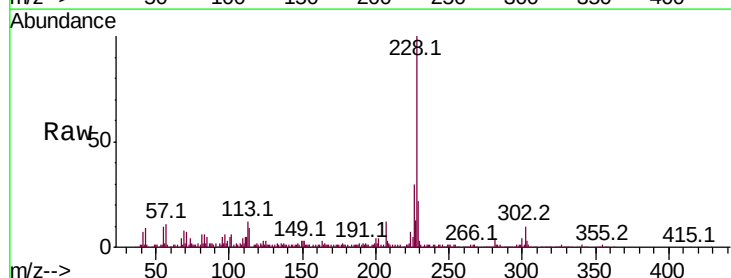
RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM025881.D

Acq: 01 Apr 2020 00:39

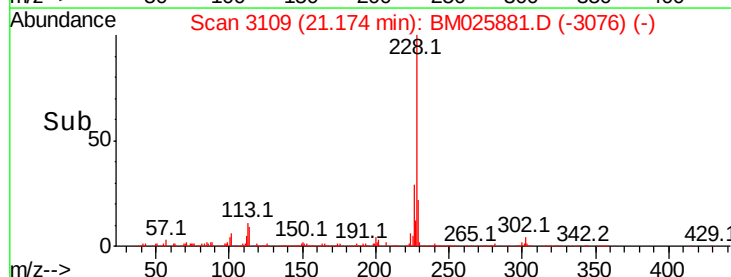
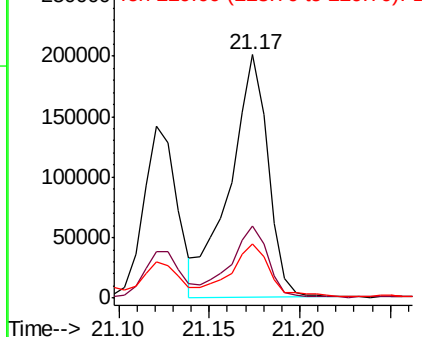
Tgt Ion:	228	Resp:	292494
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	22.1	15.6	23.4

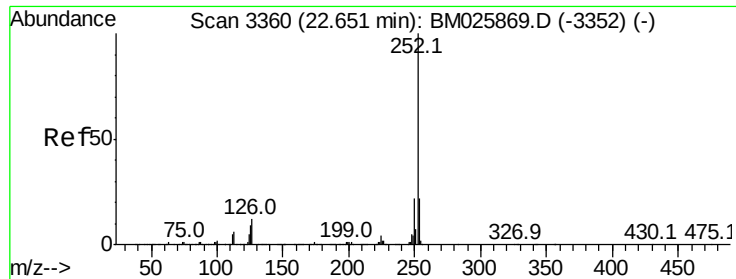


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





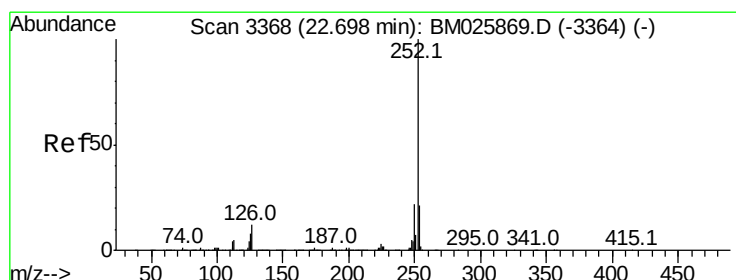
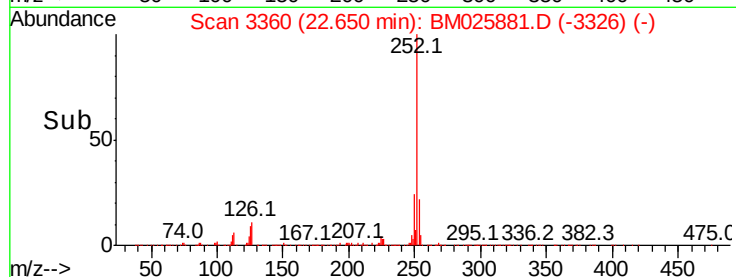
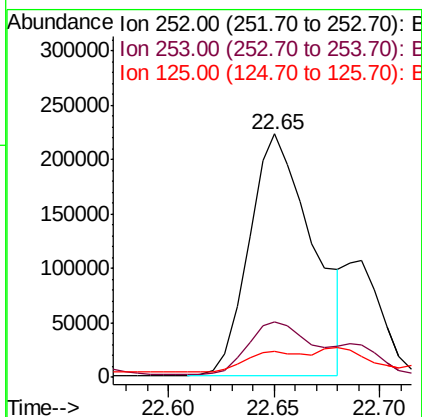
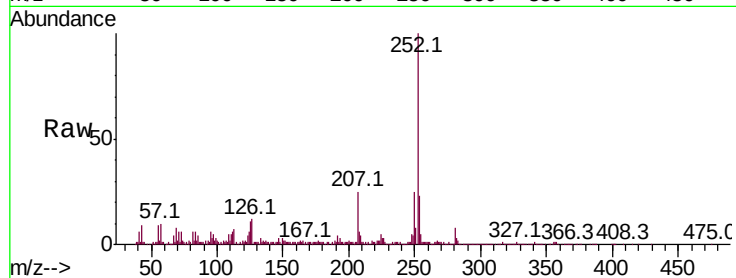
#88
Benzo(b)fluoranthene
Concen: 6.636 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. -0.00 min
Lab File: BM025881.D
Acq: 01 Apr 2020 00:39

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.8	6.7	10.1

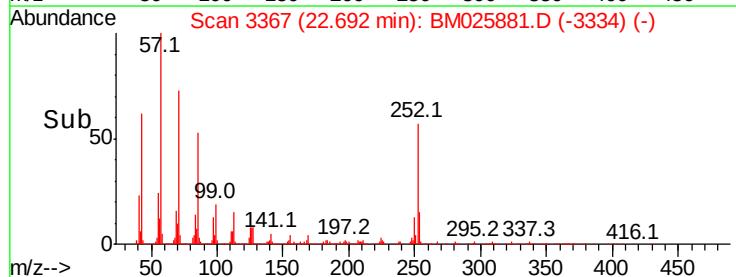
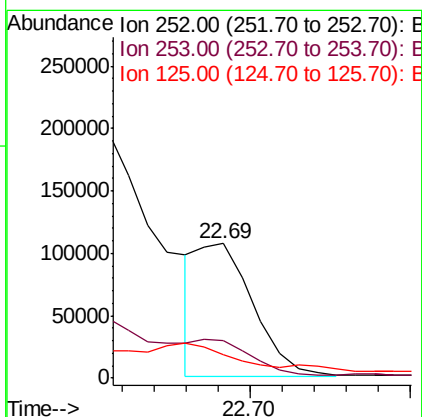
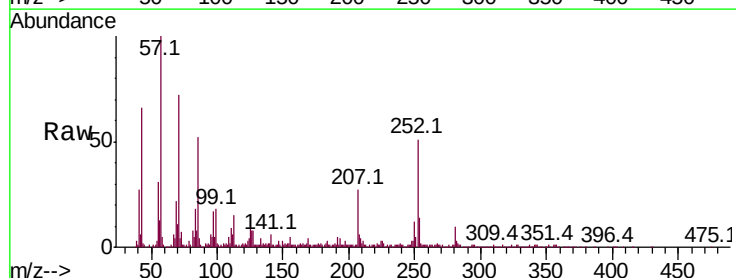
Manual Integrations
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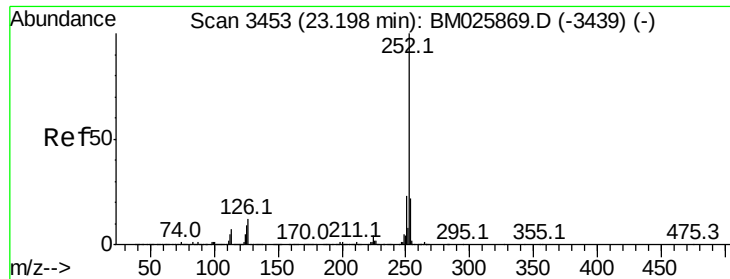
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#89
Benzo(k)fluoranthene
Concen: 1.836 ng/ul m
RT: 22.69 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM025881.D
Acq: 01 Apr 2020 00:39

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	27.5	17.7	26.5
125	17.7	6.9	10.3





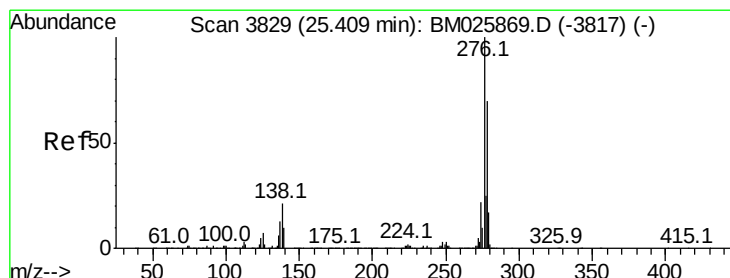
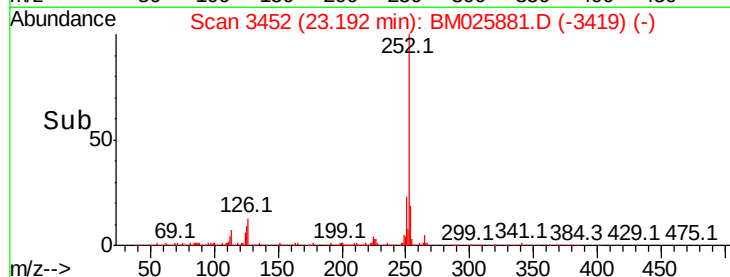
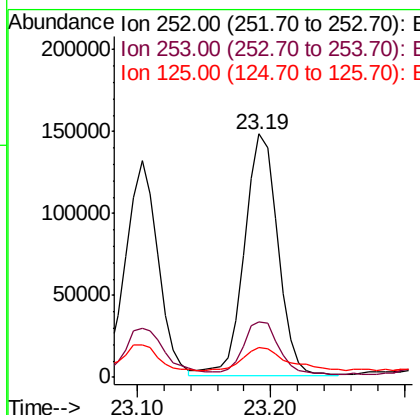
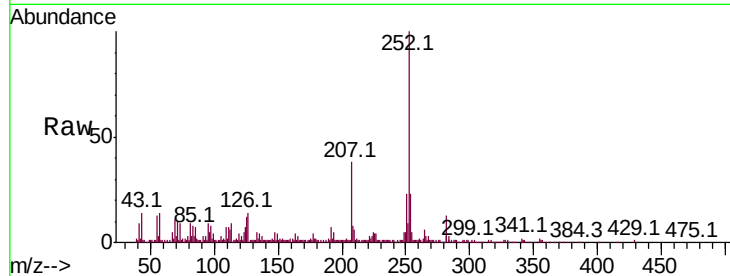
#91
Benzo(a)pyrene
Concen: 4.017 ng/ul
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM025881.D
Acq: 01 Apr 2020 00:39

Instrument :
BNA_M
ClientSampleId :
C0AB9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	12.1	7.1	10.7

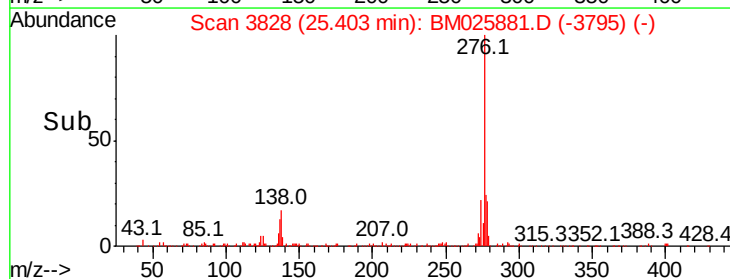
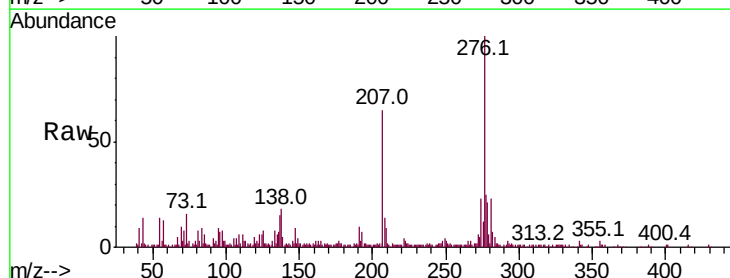
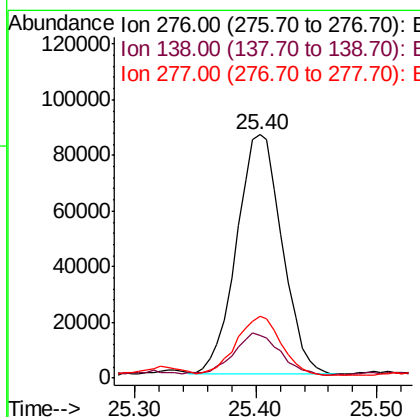
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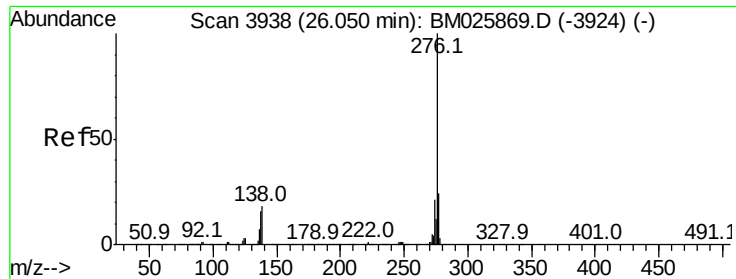
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.679 ng/ul
RT: 25.40 min Scan# 3828
Delta R.T. -0.01 min
Lab File: BM025881.D
Acq: 01 Apr 2020 00:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	16.5	24.7
277	25.4	19.7	29.5





#94

Benzo(a,h,i)perylene

Concen: 2.372 ng/ul

RT: 26.04 min Scan# 3937

Delta R.T. -0.01 min

Lab File: BM025881.D

Acq: 01 Apr 2020 00:39

Instrument :

BNA_M

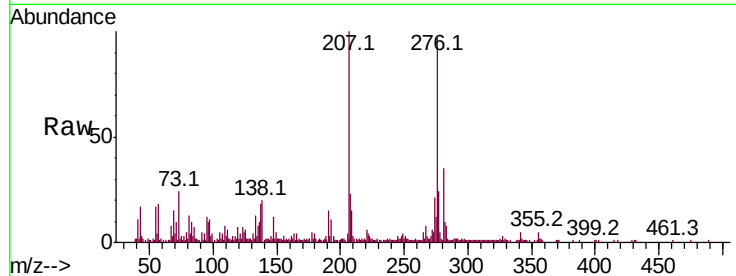
ClientSampleId :

C0AB9

Tot Ion	Ratio	Resp	Lower	Upper
276	100	164072		
138	20.2	13.2	19.8#	
277	24.9	19.0	28.4	

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

