

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023166.D
 Acq On : 15 Oct 2019 14:59
 Operator : JU
 Sample : K5124-09DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM79DL

Manual Integrations
 APPROVED

mohammad
 10/16/2019 7:54:17 AM

Quant Time: Oct 15 16:57:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 15 02:28:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	420338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1773485	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1132911	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2303853	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	1813462	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	2455973	20.00	ng/ul	0.00

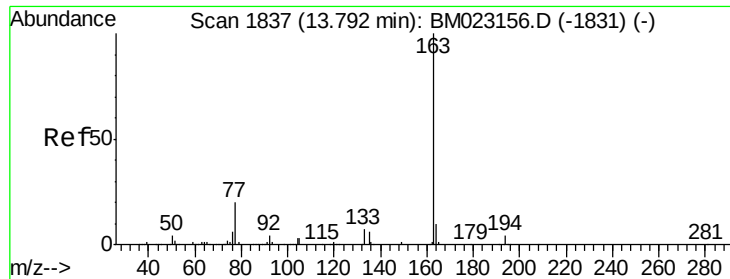
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	7150	0.75	ng/uL	0.00
5) Phenol-d5	6.94	99	156039	4.26	ng/ul	0.08
7) Bis-(2-Chloroethyl)ether-d	7.03	67	82890	4.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	119828	4.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	123358	4.19	ng/ul	0.01
19) Nitrobenzene-d5	8.84	128	49840	4.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	47034	4.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	125283	4.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	40417	1.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	377461	4.35	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	461155	4.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	38407	2.73	ng/ul	0.00
58) Fluorene-d10	15.32	176	338505	4.58	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	21493	2.35	ng/ul	-0.01
71) Anthracene-d10	17.17	188	517163	4.66	ng/ul	-0.01
79) Pyrene-d10	19.47	212	507436	5.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	440636	3.54	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.80	163	121090	1.393	ng/ul	99
48) Acenaphthylene	14.05	152	706275	6.784	ng/ul	99
59) Fluorene	15.38	166	154768	1.833	ng/ul	99
70) Phenanthrene	17.12	178	1674587	12.952	ng/ul	99
72) Anthracene	17.20	178	375061	2.807	ng/ul	99
77) Fluoranthene	19.13	202	4475700	29.107	ng/ul	99
80) Pyrene	19.50	202	4633159	40.783	ng/ul	99
83) Benzo(a)anthracene	21.24	228	2019623	16.436	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.22	149	402138	6.401	ng/ul	99
85) Chrysene	21.30	228	2820032	24.717	ng/ul	98
88) Benzo(b)fluoranthene	22.83	252	2910013	19.542	ng/ul#	97
89) Benzo(k)fluoranthene	22.86	252	860153m	6.016	ng/ul	
91) Benzo(a)pyrene	23.39	252	2104421	14.730	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.70	276	1373314	8.080	ng/ul	98
93) Dibenzo(a,h)anthracene	25.72	278	379597	2.671	ng/ul#	92
94) Benzo(g,h,i)perylene	26.39	276	1121939	8.018	ng/ul	99

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



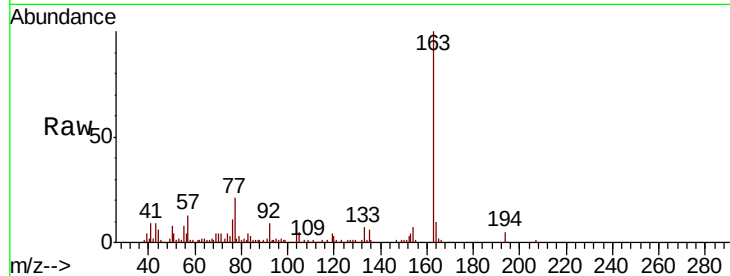
#45
Dimethylphthalate
Concen: 1.393 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Instrument :
BNA_M
ClientSampleId :
JLM79DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	121090		
194	4.8	3.5	5.3	
164	9.9	8.0	12.0	

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Abundance

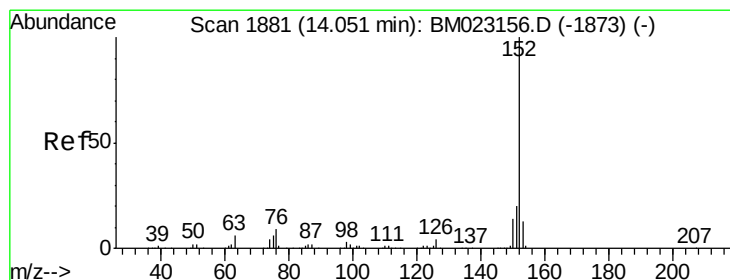
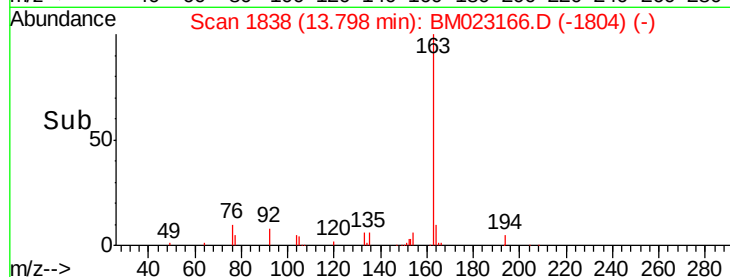
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

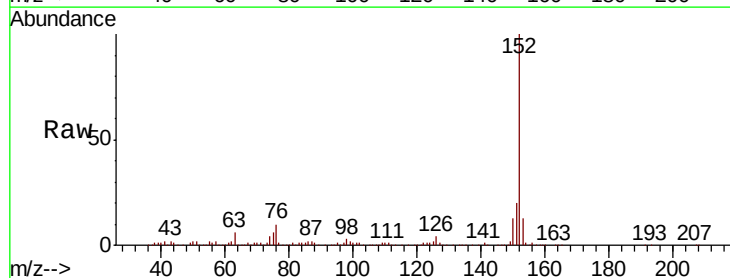
13.80

Time-->



#48
Acenaphthylene
Concen: 6.784 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	706275		
151	19.5	15.8	23.6	
153	13.2	10.3	15.5	



Abundance

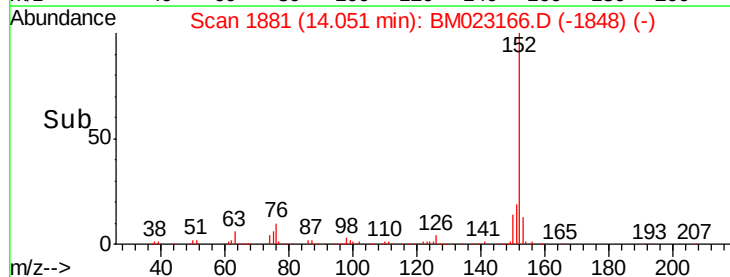
Ion 152.00 (151.70 to 152.70): E

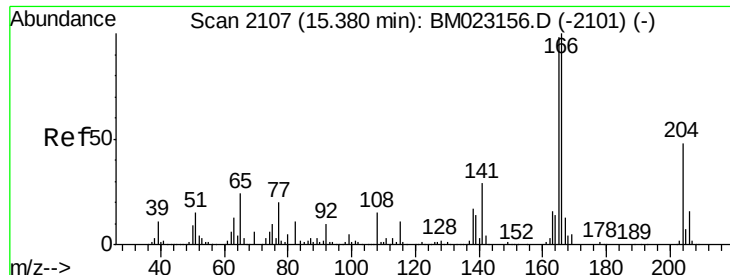
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.05

Time-->





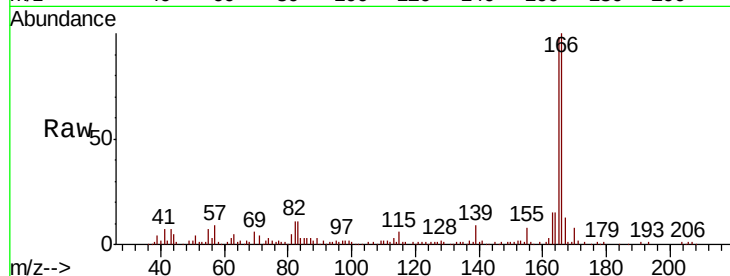
#59
Fluorene
Concen: 1.833 ng/ul
RT: 15.38 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Instrument :
BNA_M
ClientSampleID :
JLM79DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		154768		
165	97.7	77.4	116.0		
167	13.2	10.8	16.2		

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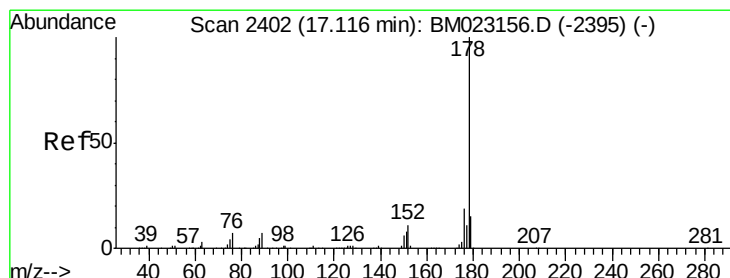
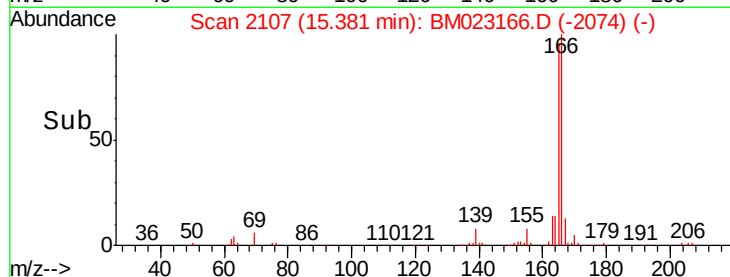
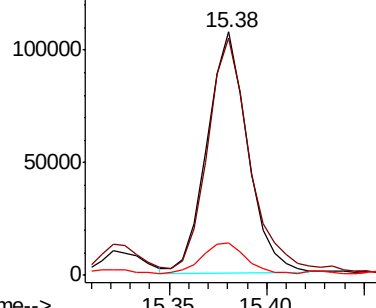


Abundance

Ion 166.00 (165.70 to 166.70): E

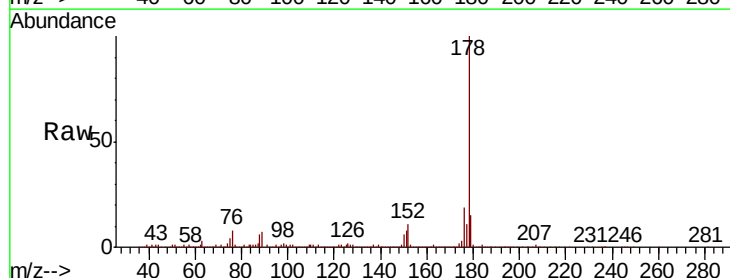
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70
Phenanthrene
Concen: 12.952 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		1674587		
179	15.4	12.3	18.5		
176	18.8	15.5	23.3		

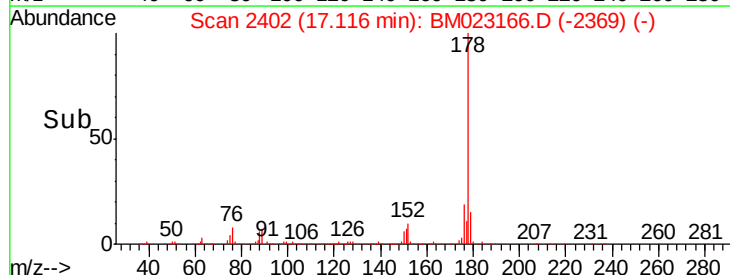
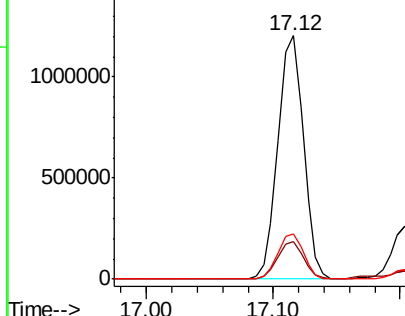


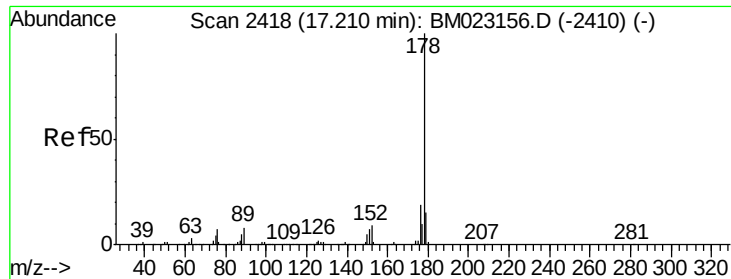
Abundance

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





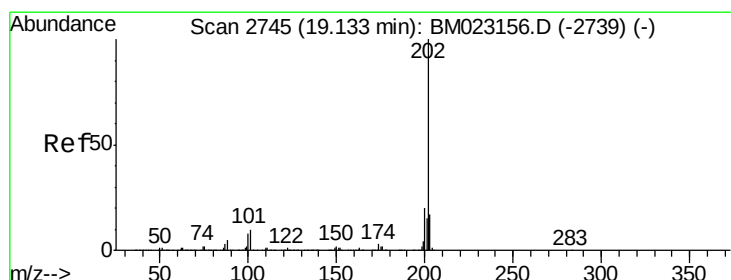
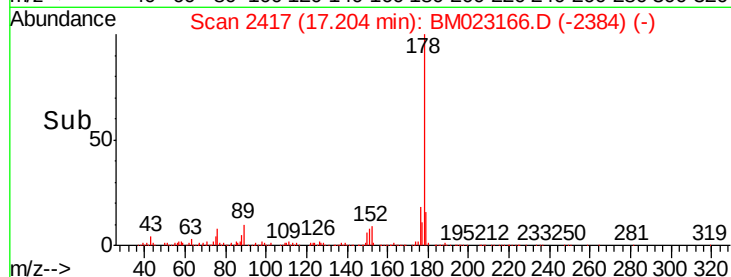
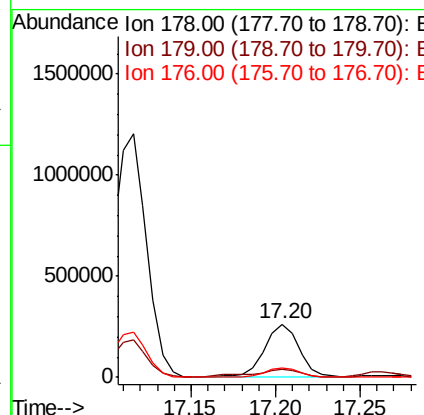
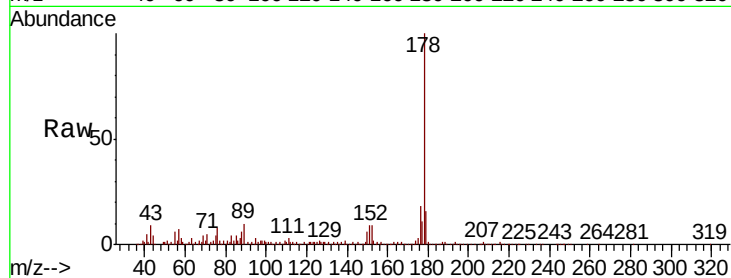
#72
 Anthracene
 Concen: 2.807 ng/ul
 RT: 17.20 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BM023166.D
 Acq: 15 Oct 2019 14:59

Instrument :
 BNA_M
 ClientSampleId :
 JLM79DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.3	15.0	22.4

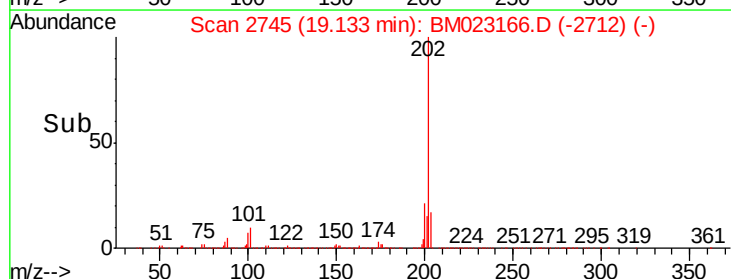
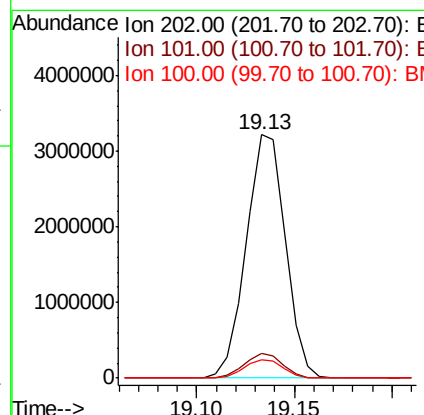
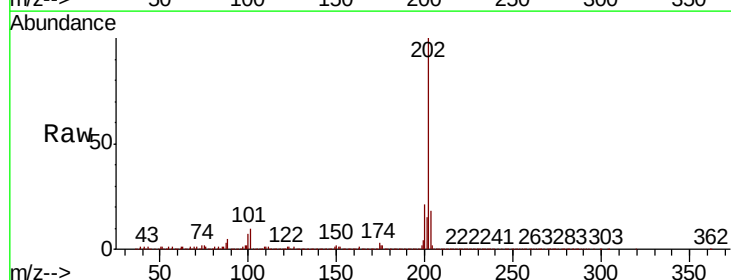
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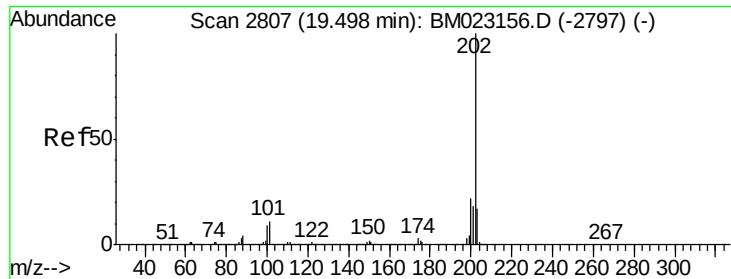
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#77
 Fluoranthene
 Concen: 29.107 ng/ul
 RT: 19.13 min Scan# 2745
 Delta R.T. -0.01 min
 Lab File: BM023166.D
 Acq: 15 Oct 2019 14:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.8	11.8
100	7.4	6.1	9.1





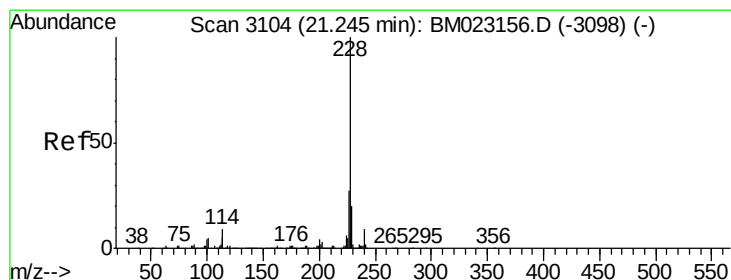
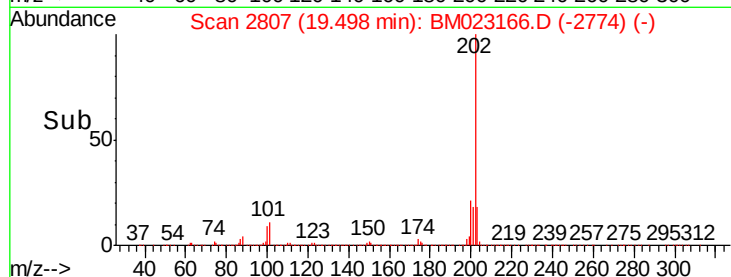
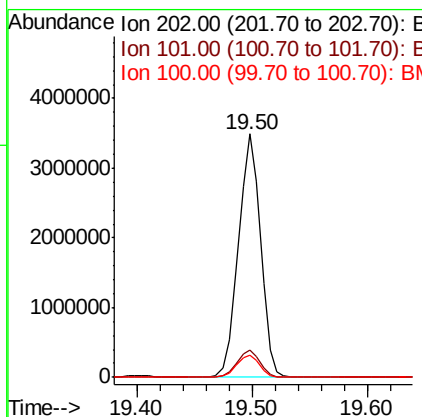
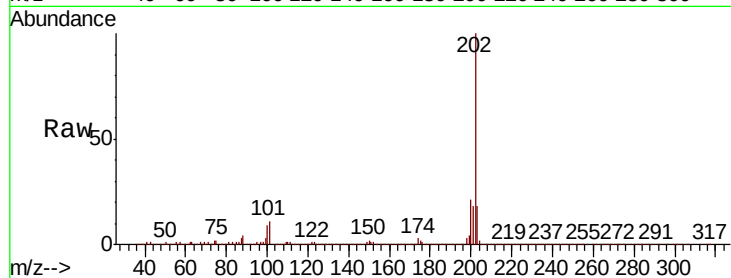
#80
Pvrene
Concen: 40.783 ng/ul
RT: 19.50 min Scan# 2807
Delta R.T. -0.01 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Instrument :
BNA_M
ClientSampleId :
JLM79DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
100	9.3	7.5	11.3

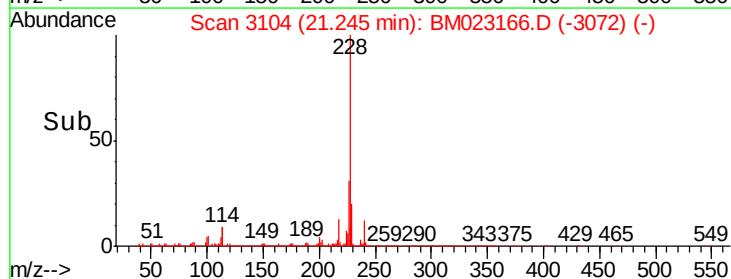
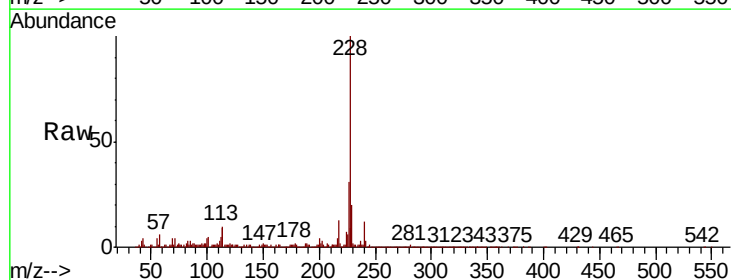
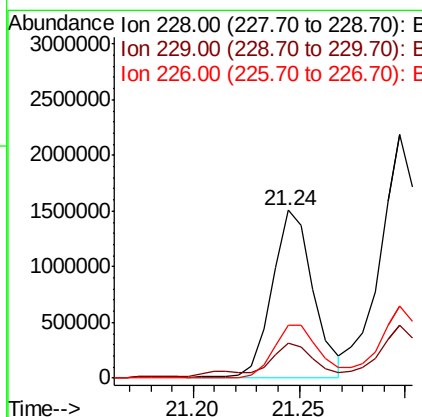
Manual Integrations
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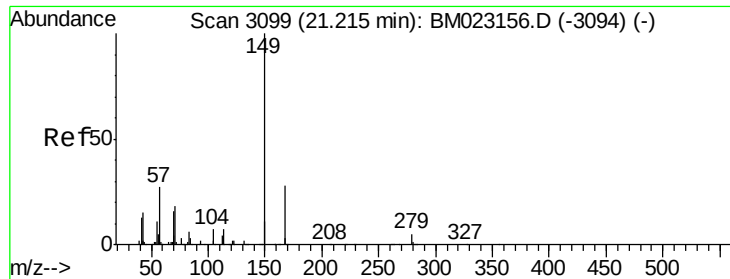
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#83
Benzo(a)anthracene
Concen: 16.436 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	31.2	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.401 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM023166.D

Acq: 15 Oct 2019 14:59

Instrument :

BNA_M

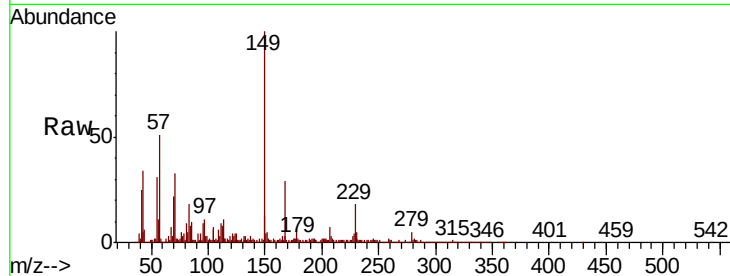
ClientSampleID :

JLM79DL

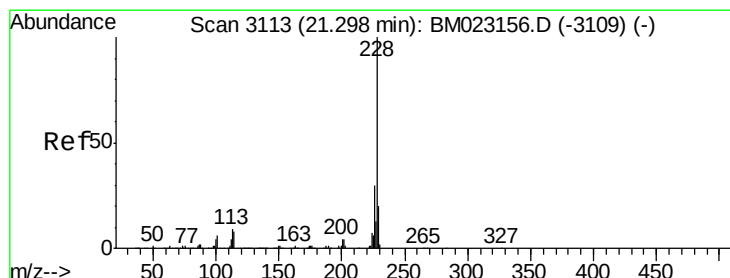
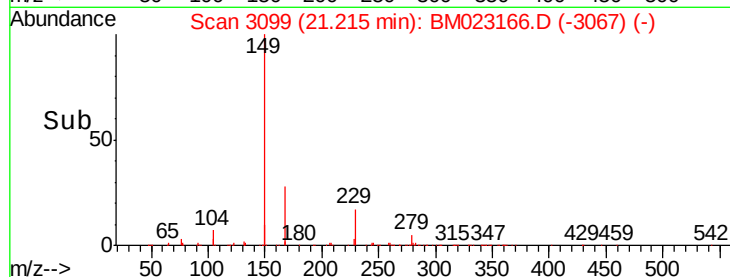
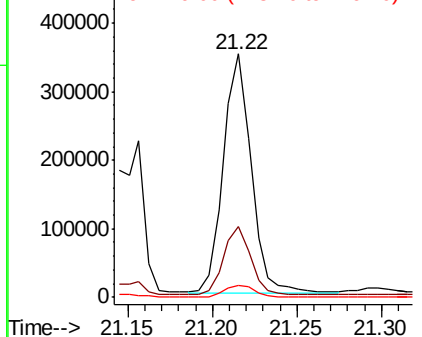
Tot Ion:	149	Resp:	402138
Ion Ratio	Lower	Upper	
149	100		
167	28.9	22.5	33.7
279	5.2	4.0	6.0

Manual Integrations
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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: 24.717 ng/ul

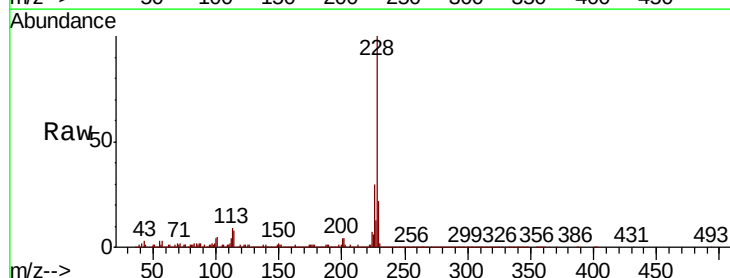
RT: 21.30 min Scan# 3113

Delta R.T. -0.01 min

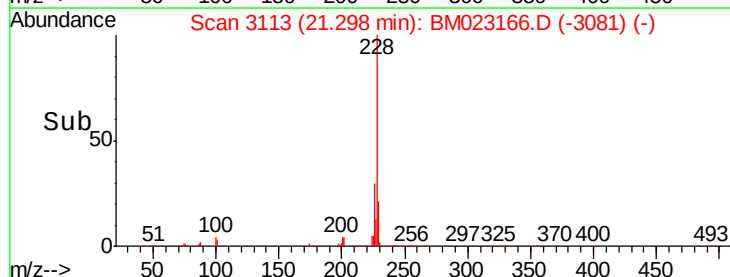
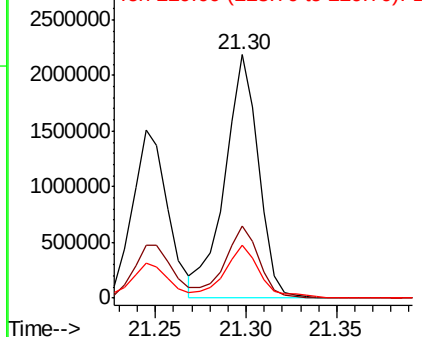
Lab File: BM023166.D

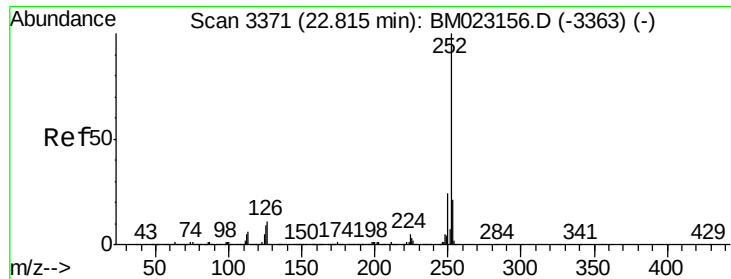
Acq: 15 Oct 2019 14:59

Tgt Ion:	228	Resp:	2820032
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.8	35.6
229	21.6	15.5	23.3



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





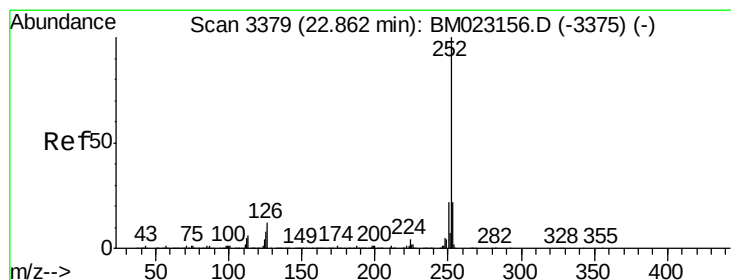
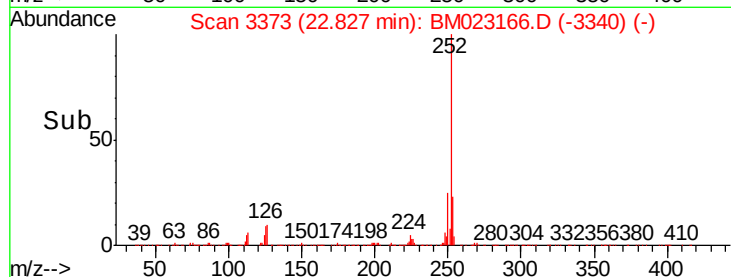
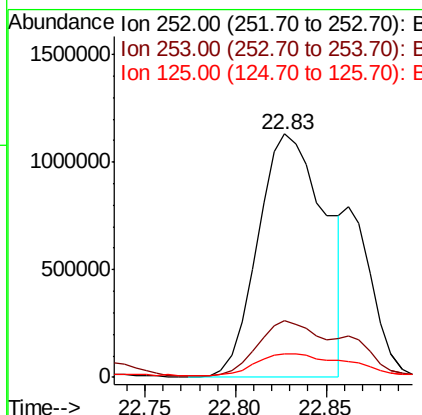
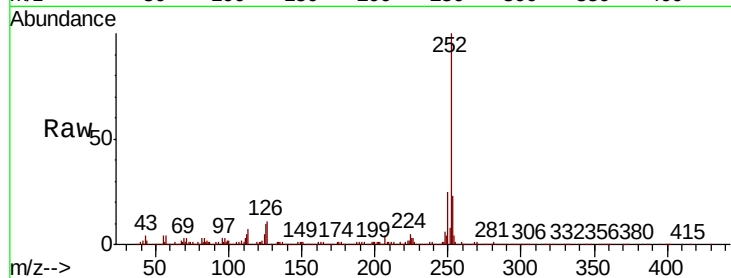
#88
Benzo(b)fluoranthene
Concen: 19.542 ng/ul
RT: 22.83 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Instrument :
BNA_M
ClientSampleID :
JLM79DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.7	6.4	9.6

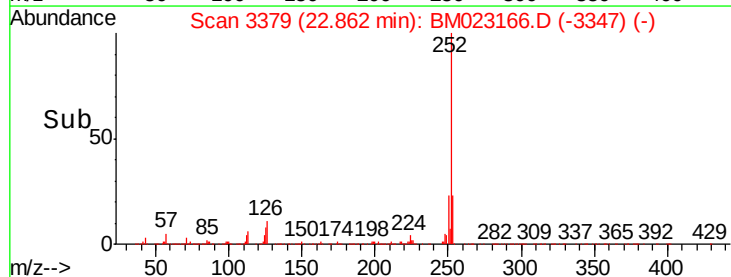
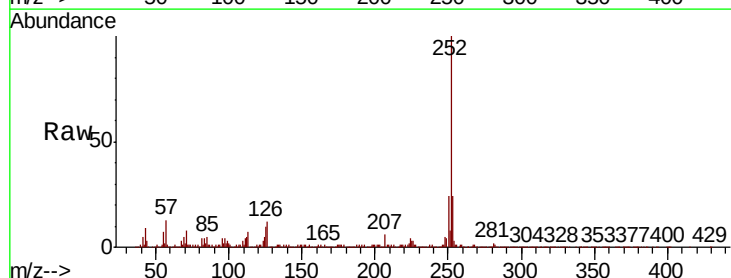
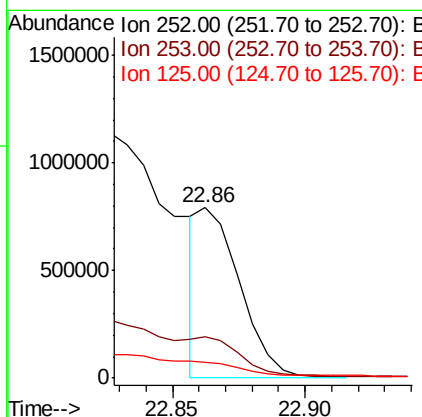
Manual Integrations
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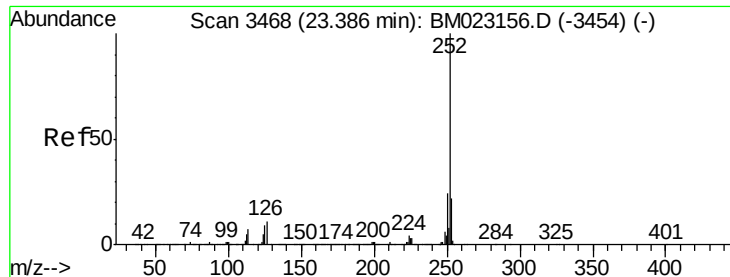
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#89
Benzo(k)fluoranthene
Concen: 6.016 ng/ul m
RT: 22.86 min Scan# 3379
Delta R.T. -0.01 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	9.5	6.5	9.7





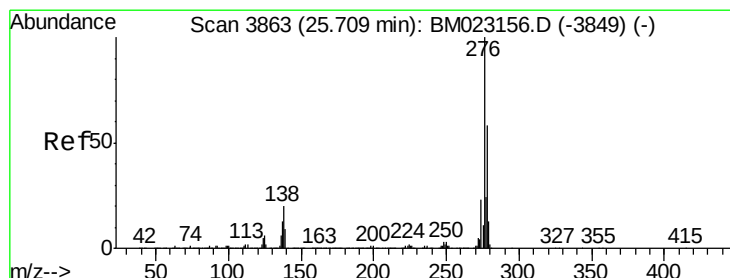
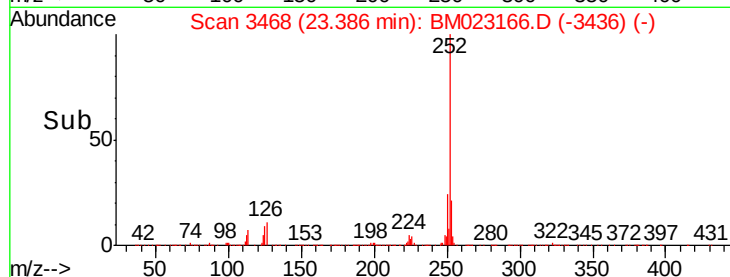
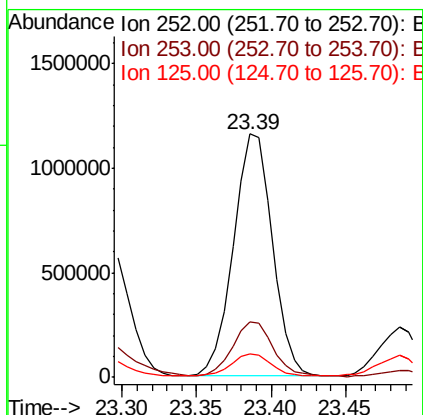
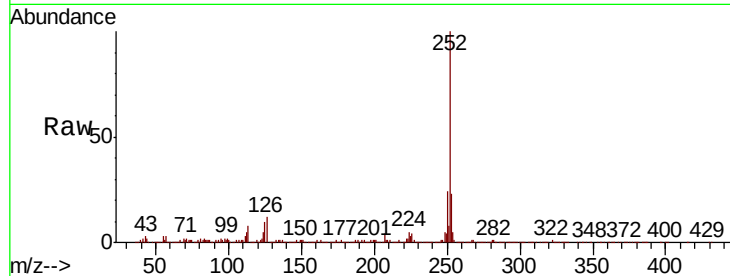
#91
Benzo(a)pyrene
Concen: 14.730 ng/ul
RT: 23.39 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Instrument :
BNA_M
ClientSampleId :
JLM79DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	9.8	7.4	11.0

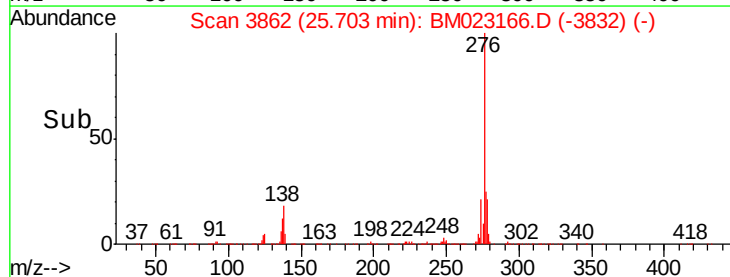
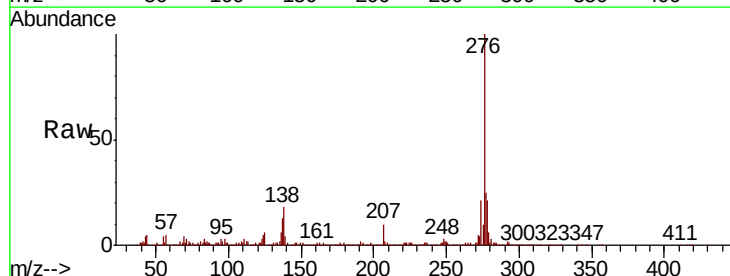
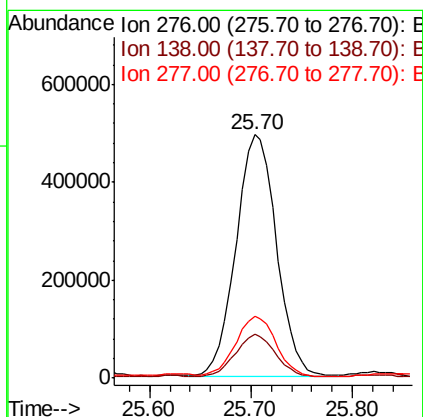
Manual Integrations
APPROVED

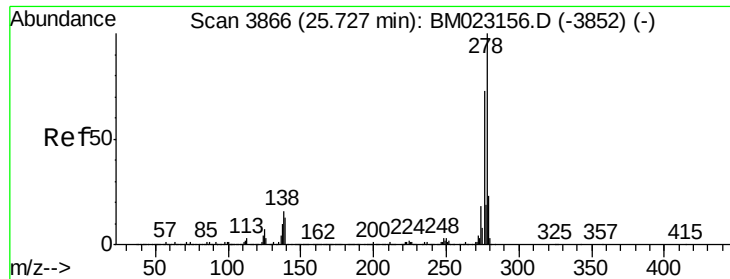
mohammad
10/16/2019 7:54:17 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 8.080 ng/ul
RT: 25.70 min Scan# 3862
Delta R.T. -0.02 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	14.9	22.3
277	25.5	19.8	29.8





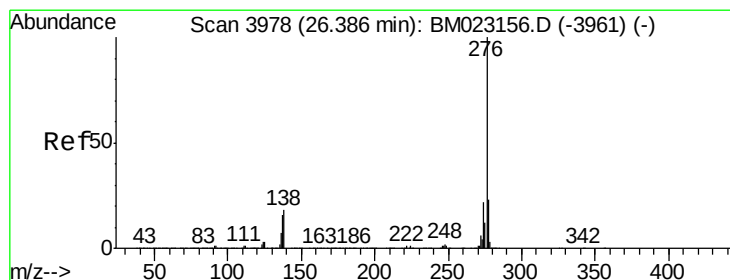
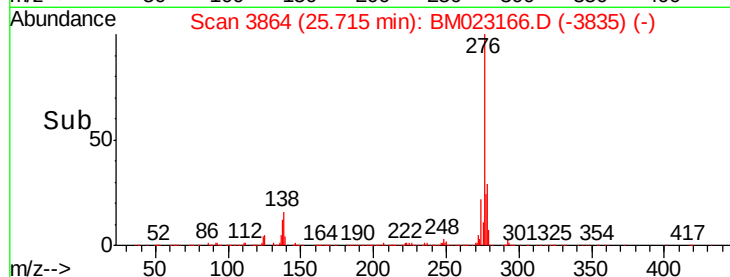
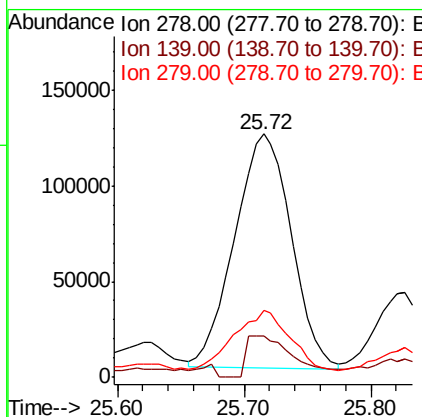
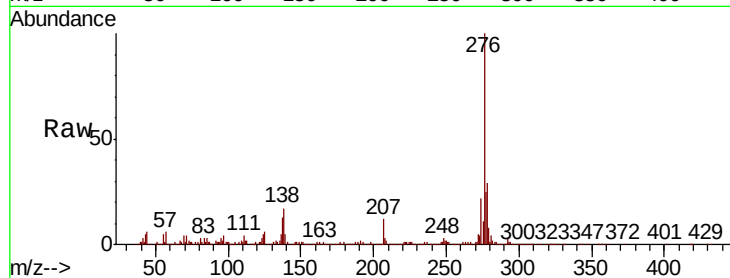
#93
Dibenzo(a,h)anthracene
Concen: 2.671 ng/ul
RT: 25.72 min Scan# 3864
Delta R.T. -0.03 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Instrument :
BNA_M
ClientSampleId :
JLM79DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	10.0	15.0#
279	27.3	19.4	29.0

Manual Integrations
APPROVED

mohammad
10/16/2019 7:54:17 AM



#94
Benzo(g,h,i)perylene
Concen: 8.018 ng/ul
RT: 26.39 min Scan# 3978
Delta R.T. -0.02 min
Lab File: BM023166.D
Acq: 15 Oct 2019 14:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	14.4	21.6
277	24.8	19.4	29.2

