Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023134.D
Acq On : 11 Oct 2019 17:44
Operator : JU
Sample : K5124-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM79

Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

Quant Time: Oct 14 10:53:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	177679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	681866	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	366319	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	695850	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	653566	20.00	ng/ul	0.01
86) Perylene-d12	23.61	264	932895	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	12377	3.01	ng/uL	0.00
5) Phenol-d5	7.10	99	278690m	17.75	ng/ul	0.16
7) Bis-(2-Chloroethyl)ether-d	7.10	67	138849	16.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	218179	17.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	209547m	16.30	ng/ul	0.05
19) Nitrobenzene-d5	8.95	128	107769	20.48	ng/ul	0.02
22) 2-Nitrophenol-d4	9.66	143	121718	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	218876	19.13	ng/ul	0.02
29) 4-Chloroaniline-d4	10.72	131	61121	4.40	ng/ul	0.02
44) Dimethylphthalate-d6	13.83	166	566454	19.92	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	694789	21.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	85290	15.18	ng/ul	0.01
58) Fluorene-d10	15.40	176	473610	19.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	63452	14.01	ng/ul	0.00
71) Anthracene-d10	17.25	188	699514	20.59	ng/ul	0.00
79) Pyrene-d10	19.56	212	779997	22.17	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.47	264	925485	19.18	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.62	128	91771	2.492	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	30258	1.096	ng/ul	99
45) Dimethylphthalate	13.87	163	177379	6.074	ng/ul	100
48) Acenaphthylene	14.14	152	1749356	49.368	ng/ul	100
50) Acenaphthene	14.47	153	59439	2.408	ng/ul	95
54) Dibenzofuran	14.81	168	101274	2.873	ng/ul	100
59) Fluorene	15.46	166	230862	8.103	ng/ul	99
70) Phenanthrene	17.19	178	2268942	54.634	ng/ul	100
72) Anthracene	17.29	178	1097587	25.938	ng/ul	100
75) Carbazole	17.55	167	155407	4.132	ng/ul	97
77) Fluoranthene	19.22	202	6032830	129.161	ng/ul	100
80) Pyrene	19.59	202	6396658	138.068	ng/ul	99
83) Benzo(a)anthracene	21.33	228	3256931	69.410	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.26	149	645947	23.860	ng/ul#	96
85) Chrysene	21.38	228	4340283	100.324	ng/ul	97
88) Benzo(b)fluoranthene	22.94	252	5367367	86.698	ng/ul	96
89) Benzo(k)fluoranthene	22.97	252	1771046m	29.902	ng/ul	
91) Benzo(a)pyrene	23.52	252	4462574	76.833	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.90	276	2906500	47.113	ng/ul	96
93) Dibenzo(a,h)anthracene	25.90	278	820492	15.898	ng/ul	94
94) Benzo(g,h,i)perylene	26.60	276	2396365	48.147	ng/ul	98

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023134.D
Acq On : 11 Oct 2019 17:44
Operator : JU
Sample : K5124-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 14 10:53:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLM79

Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

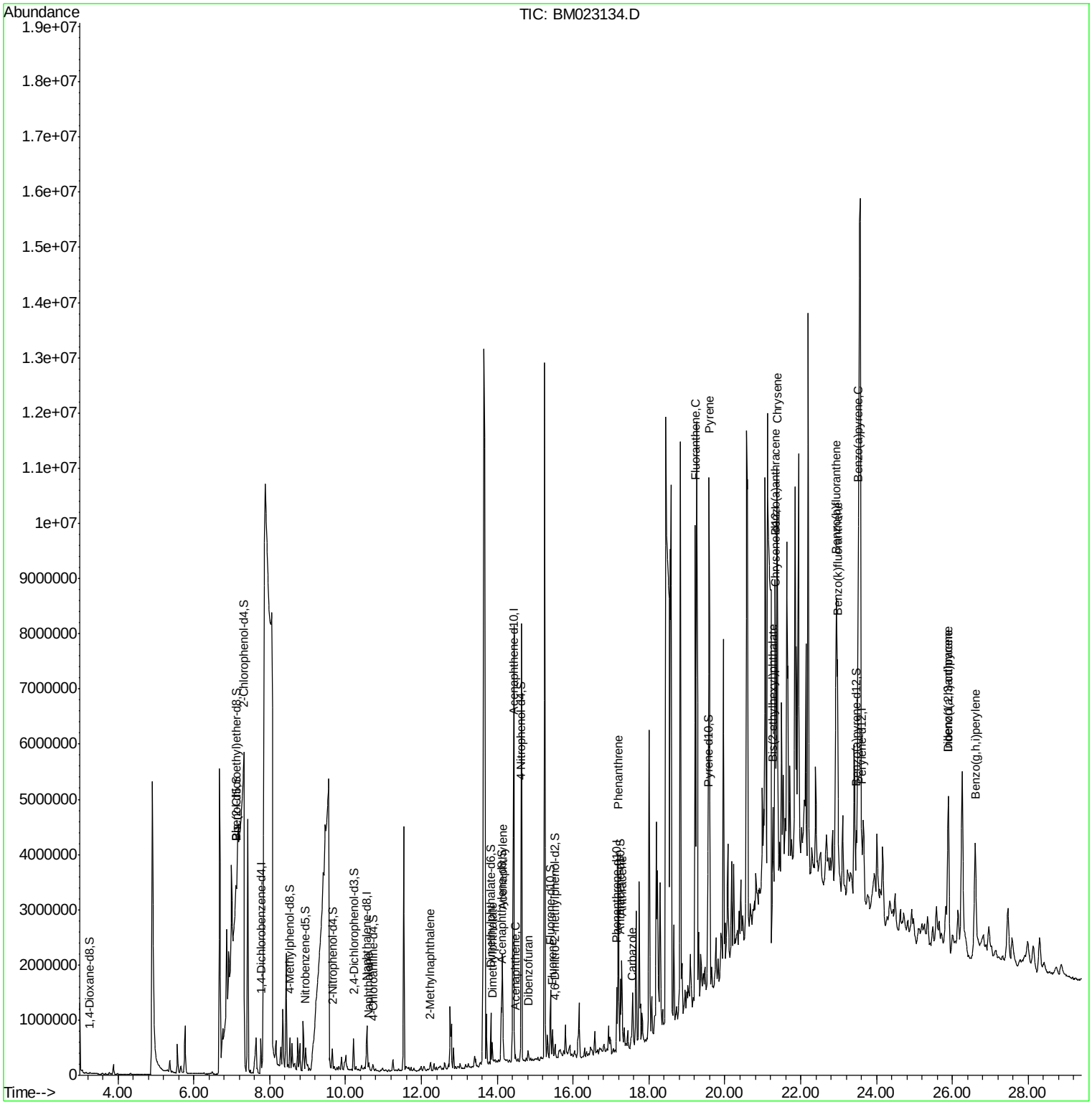
Quantitation Report (LSC Reviewed)

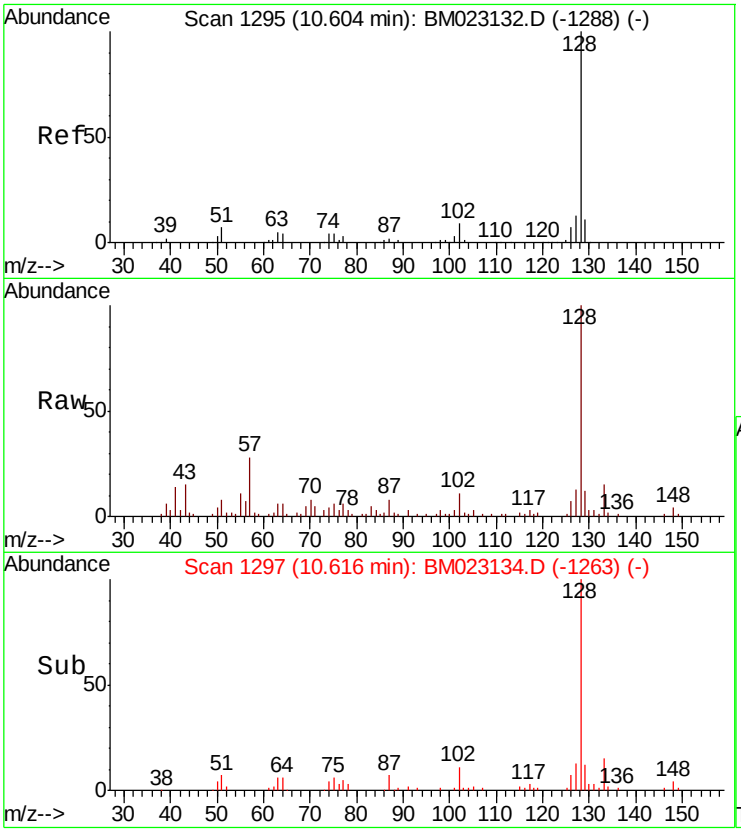
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023134.D
Acq On : 11 Oct 2019 17:44
Operator : JU
Sample : K5124-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 14 10:53:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JLM79

Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

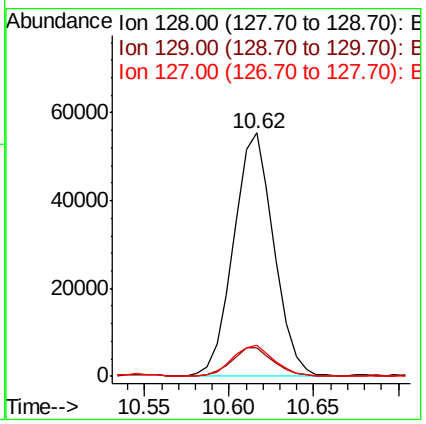




#28
Naphthalene
Concen: 2.492 ng/ul
RT: 10.62 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

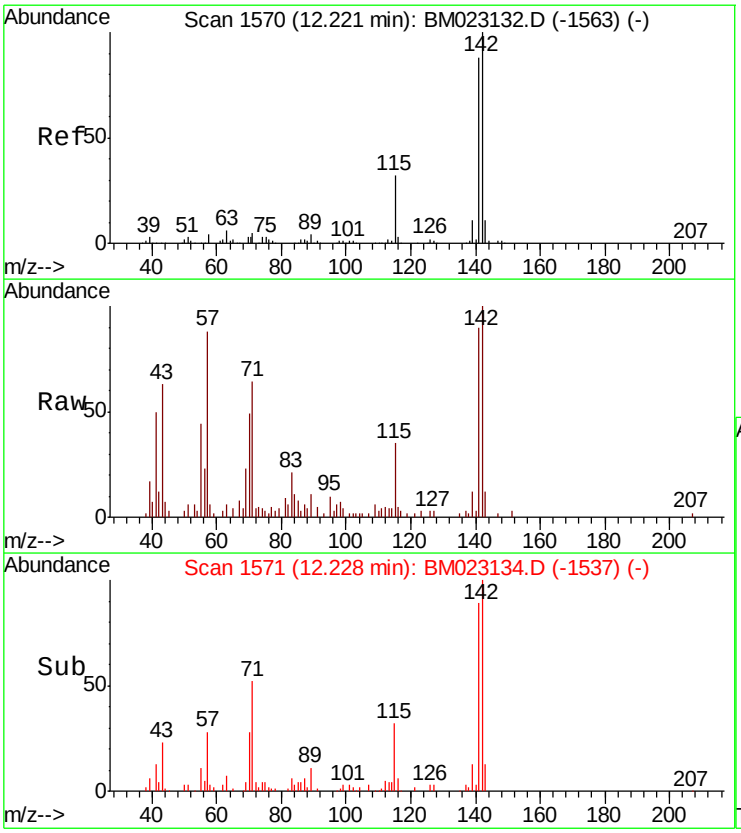
Tgt Ion:128 Resp: 91771

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	12.8	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
JLM79

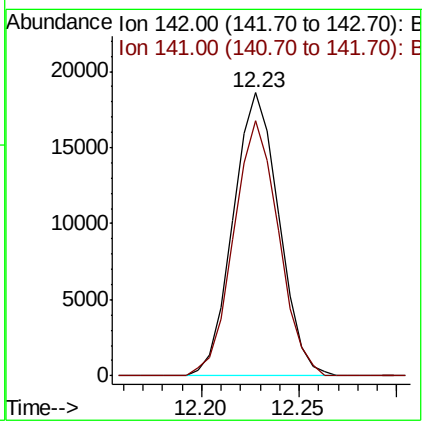
Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

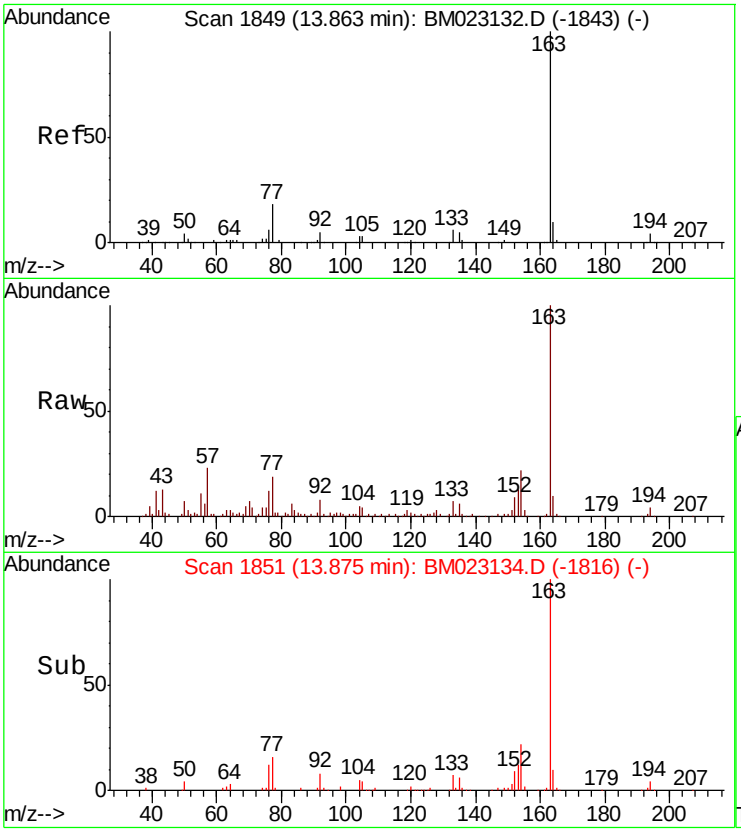


#34
2-Methylnaphthalene
Concen: 1.096 ng/ul
RT: 12.23 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:142 Resp: 30258

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8

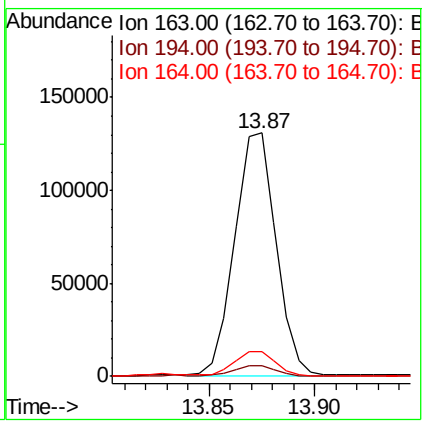




#45
Dimethylphthalate
Concen: 6.074 ng/ul
RT: 13.87 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

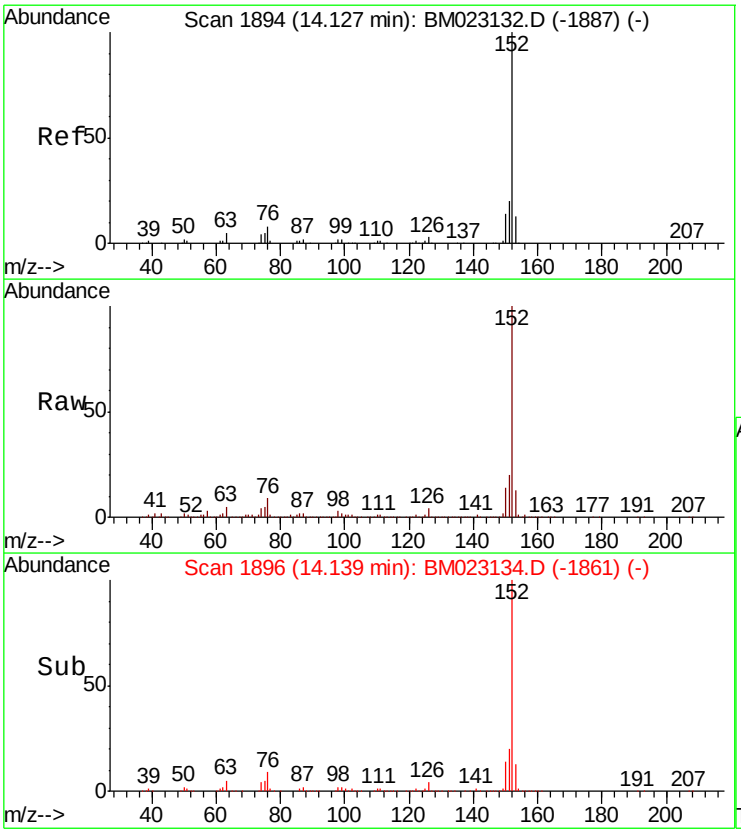
Tgt Ion:163 Resp: 177379

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.1	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
JLM79

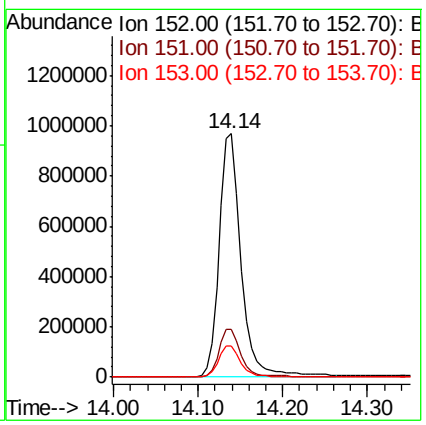
Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

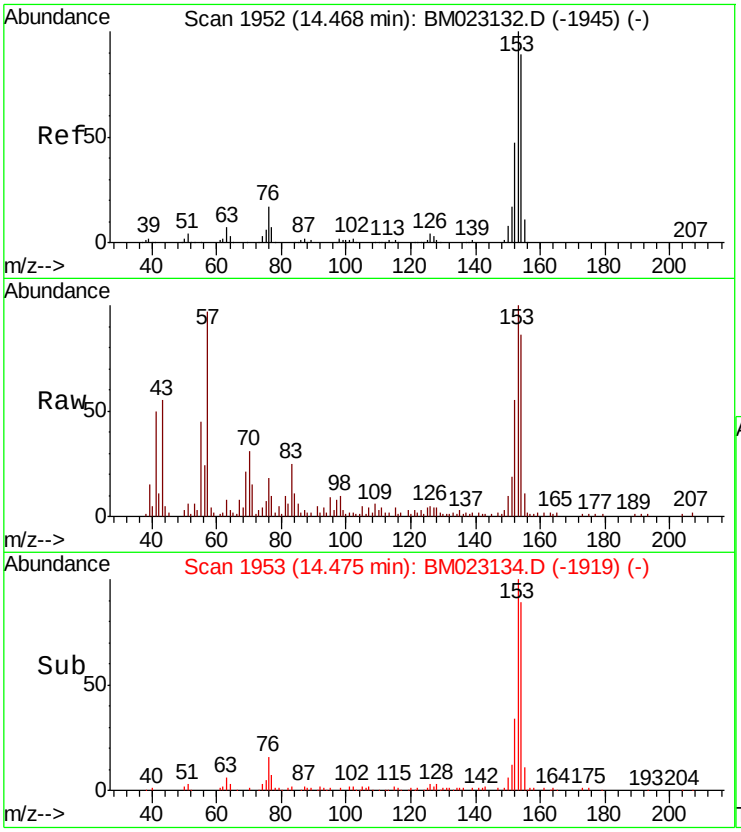


#48
Acenaphthylene
Concen: 49.368 ng/ul
RT: 14.14 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:152 Resp: 1749356

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.0	10.6	16.0

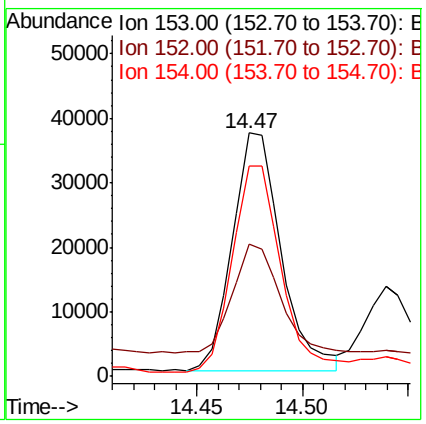




#50
Acenaphthene
Concen: 2.408 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

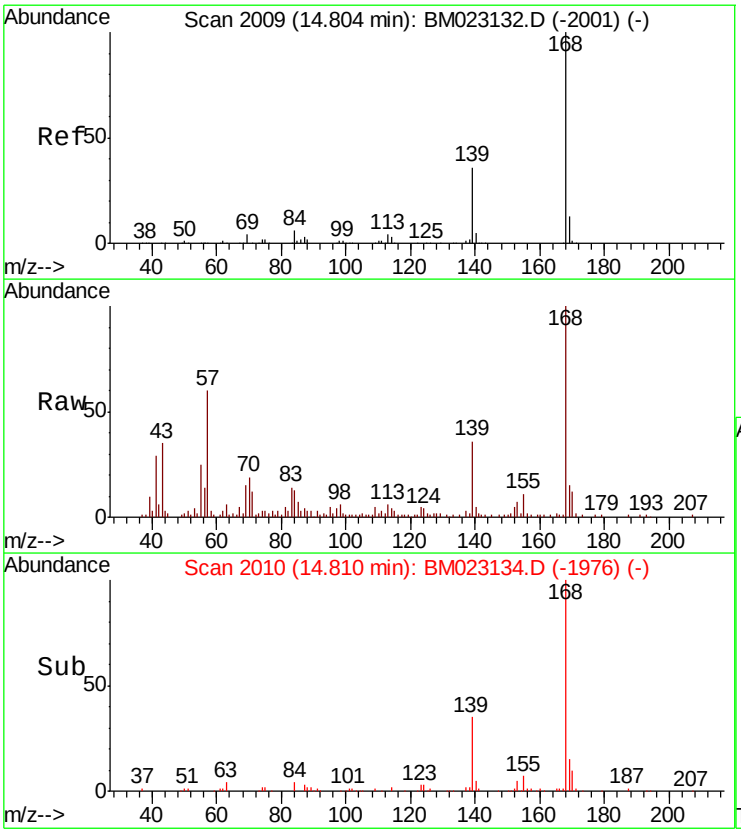
Tgt Ion:153 Resp: 59439

Ion	Ratio	Lower	Upper
153	100		
152	54.5	38.1	57.1
154	86.5	71.1	106.7



Instrument :
BNA_M
ClientSampleId :
JLM79

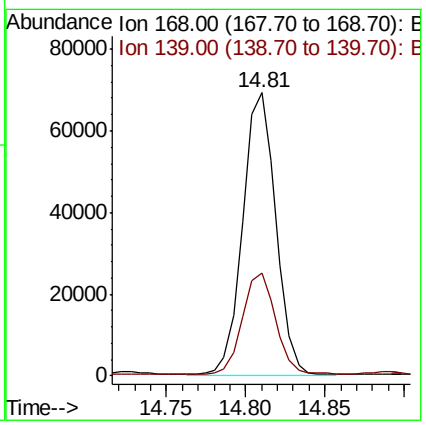
Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

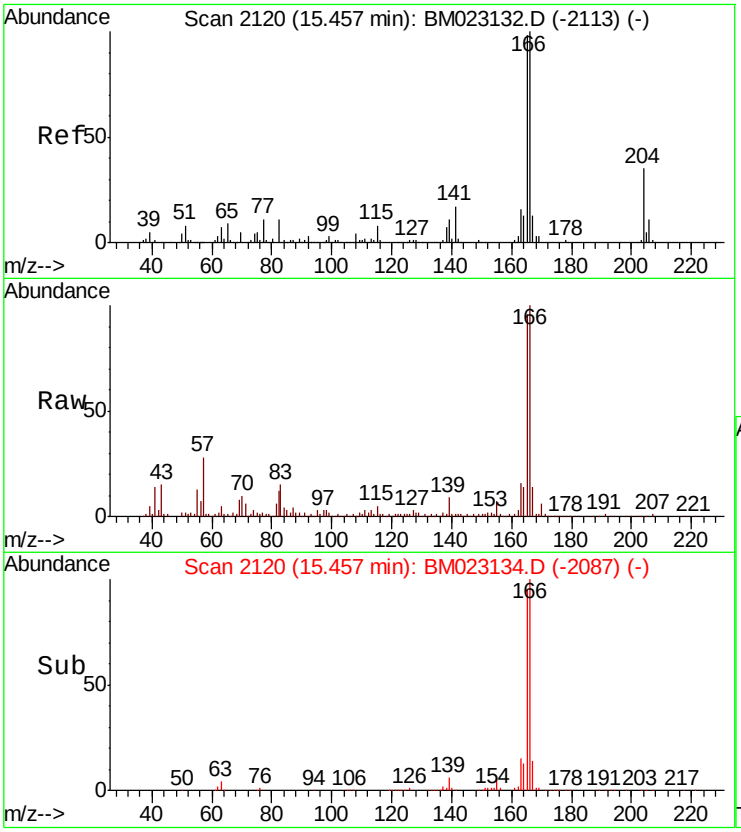


#54
Dibenzofuran
Concen: 2.873 ng/ul
RT: 14.81 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:168 Resp: 101274

Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.0	43.4

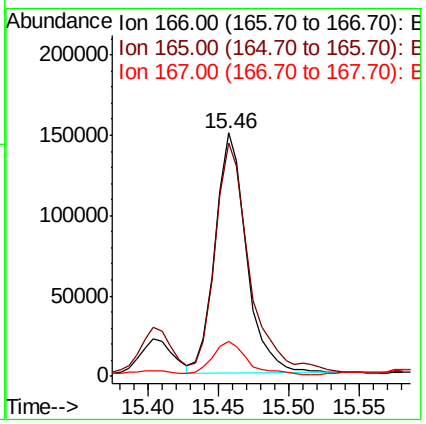




#59
Fluorene
Concen: 8.103 ng/ul
RT: 15.46 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

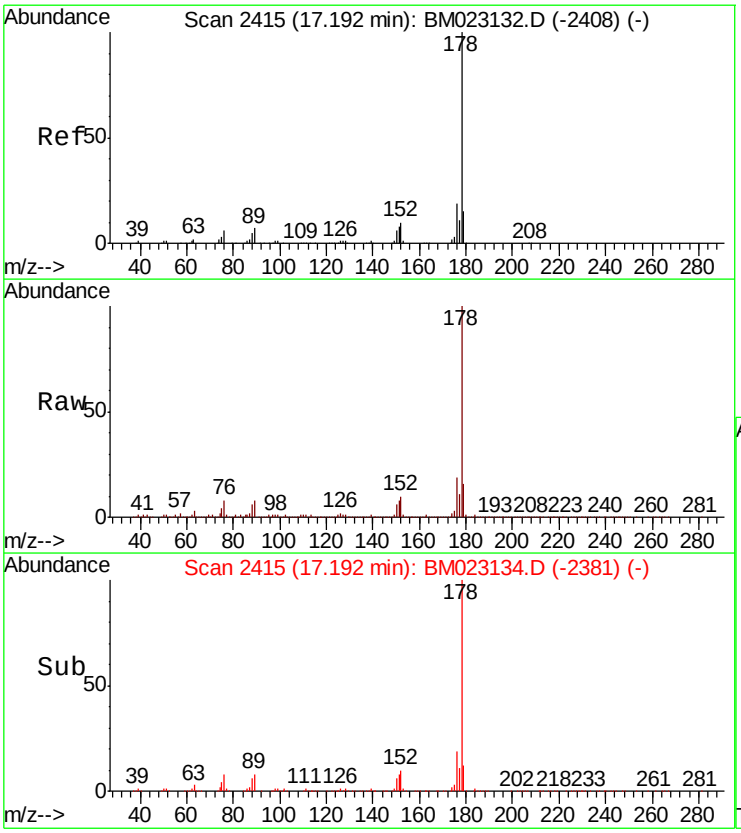
Tgt Ion:166 Resp: 230862

Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.7	116.5
167	14.3	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
JLM79

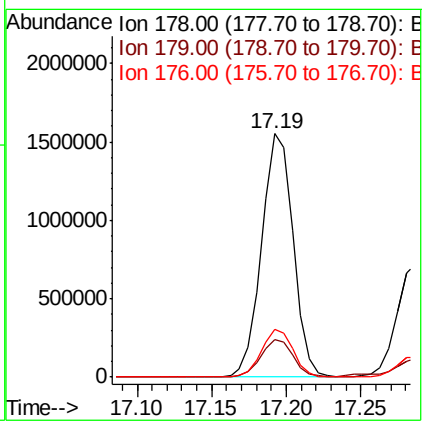
Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

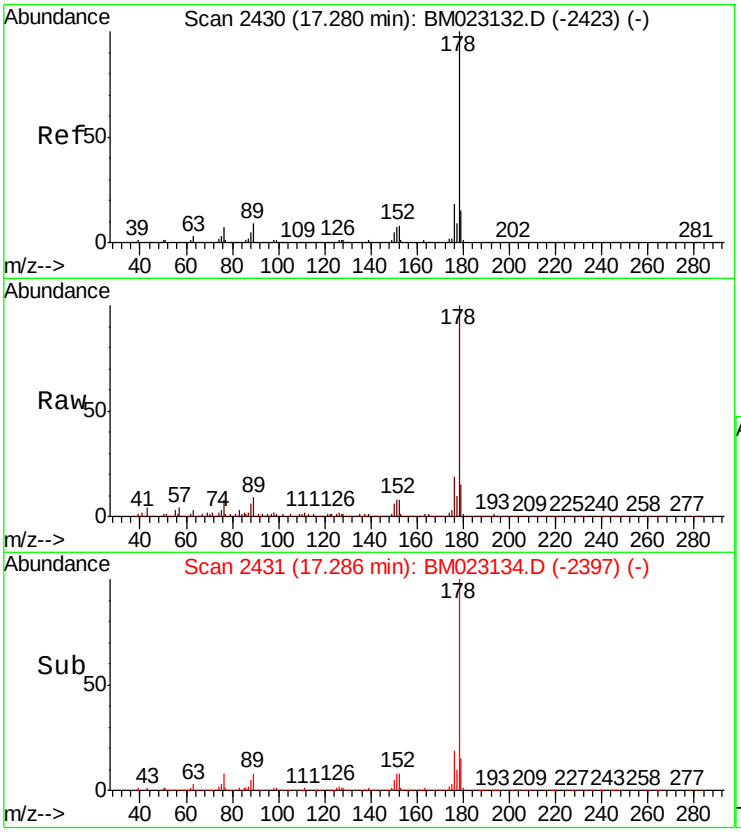


#70
Phenanthrene
Concen: 54.634 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:178 Resp: 2268942

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.5	15.3	22.9

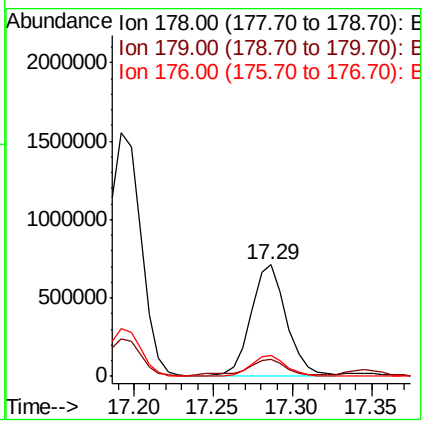




#72
Anthracene
Concen: 25.938 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

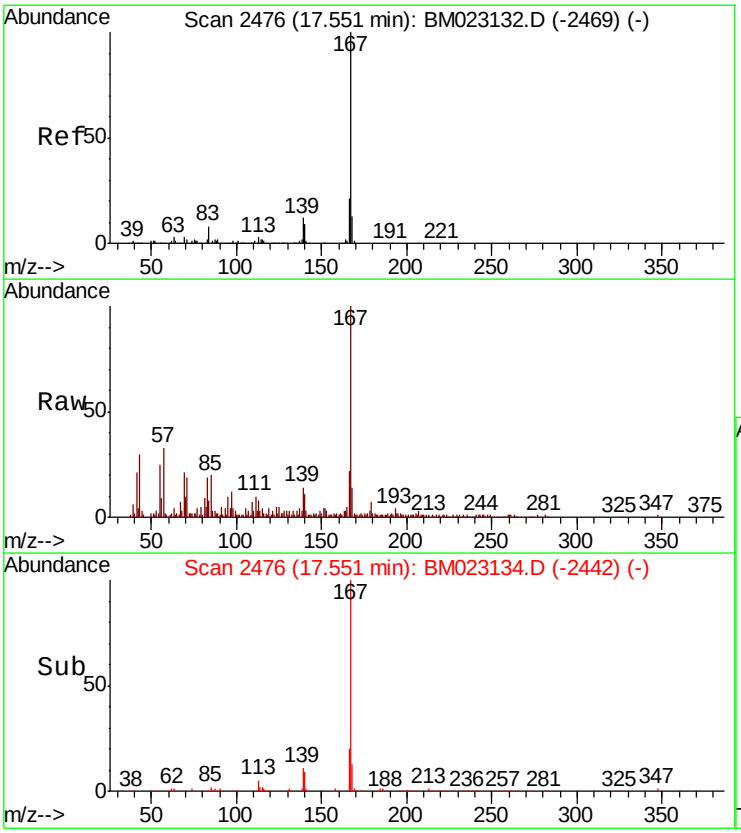
Tgt Ion:178 Resp: 1097587

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.7	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
JLM79

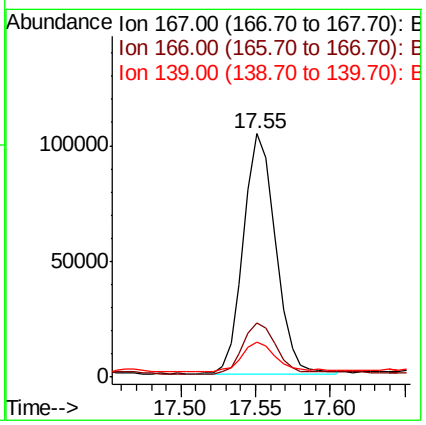
Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

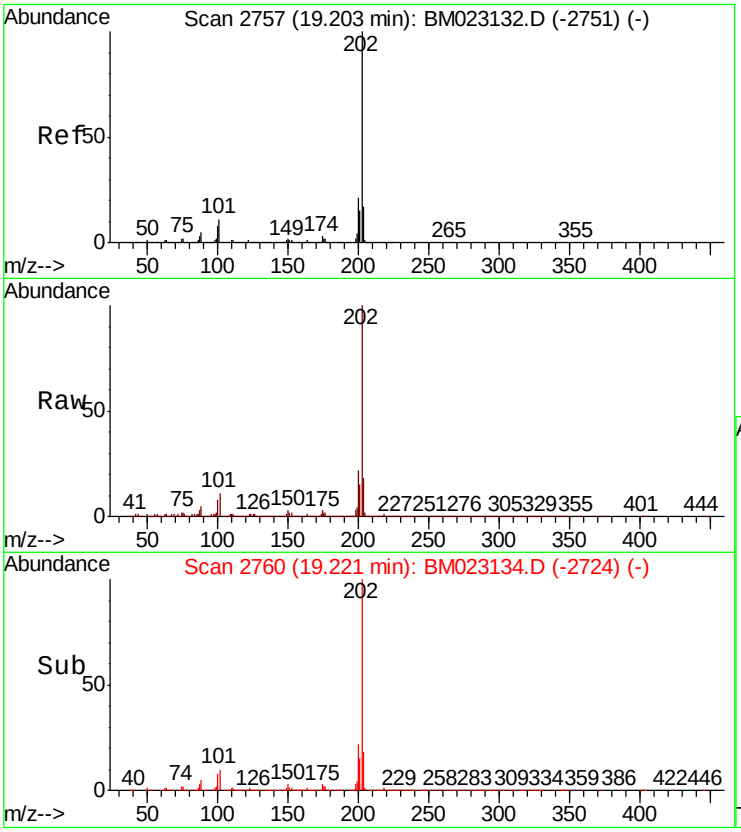


#75
Carbazole
Concen: 4.132 ng/ul
RT: 17.55 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:167 Resp: 155407

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	14.5	9.9	14.9

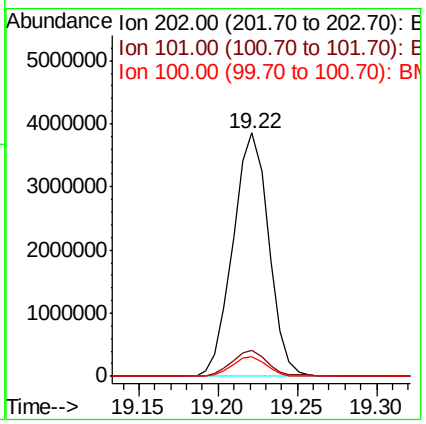




#77
Fluoranthene
Concen: 129.161 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. 0.01 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

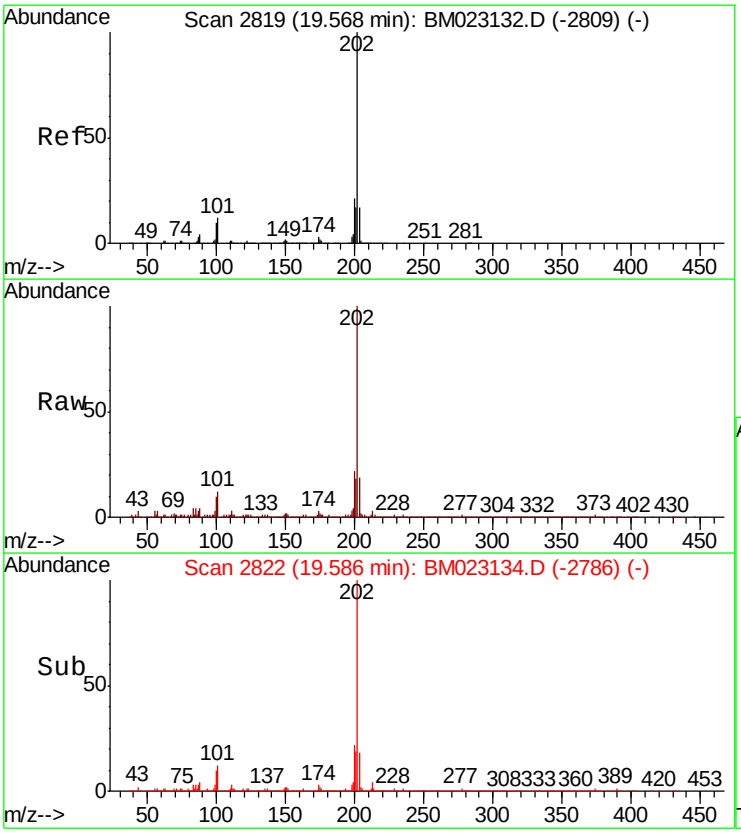
Tgt Ion:202 Resp: 6032830

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.6	12.8
100	7.8	6.4	9.6



Instrument :
BNA_M
ClientSampleId :
JLM79

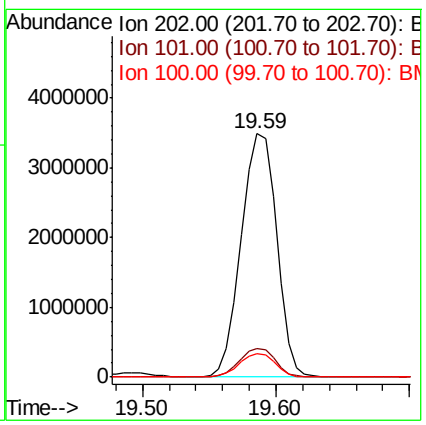
Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

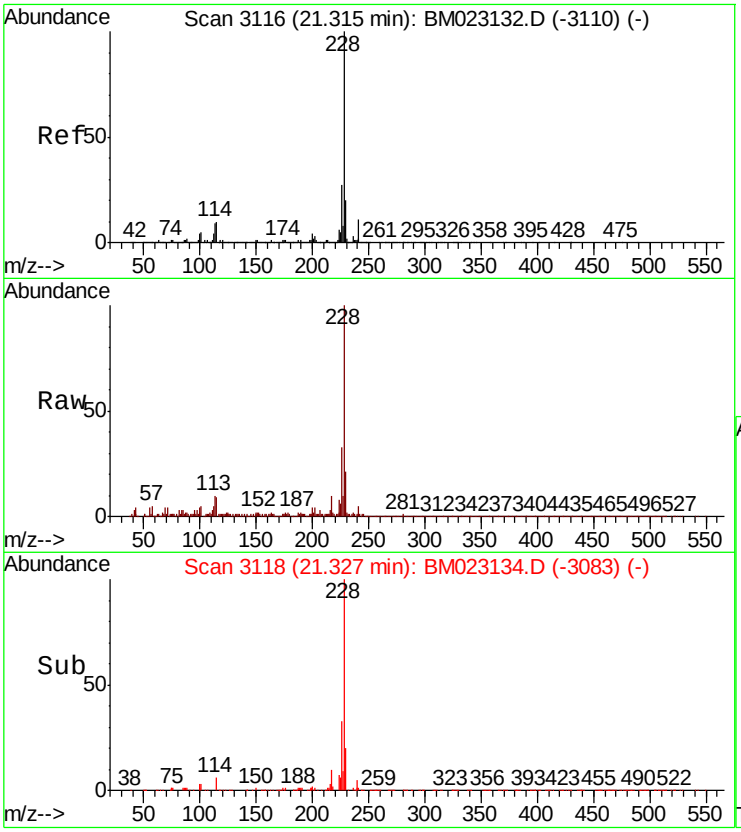


#80
Pyrene
Concen: 138.068 ng/ul
RT: 19.59 min Scan# 2822
Delta R.T. 0.01 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:202 Resp: 6396658

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.7	14.5
100	9.6	7.8	11.8

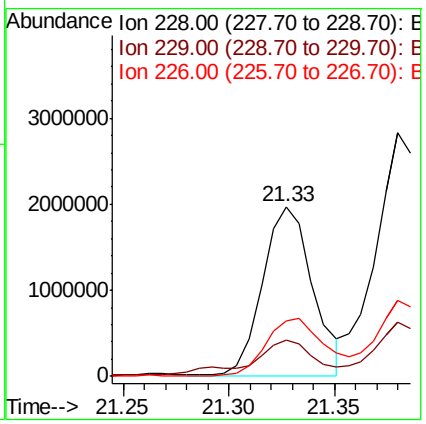




#83
Benzo(a)anthracene
Concen: 69.410 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. 0.01 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

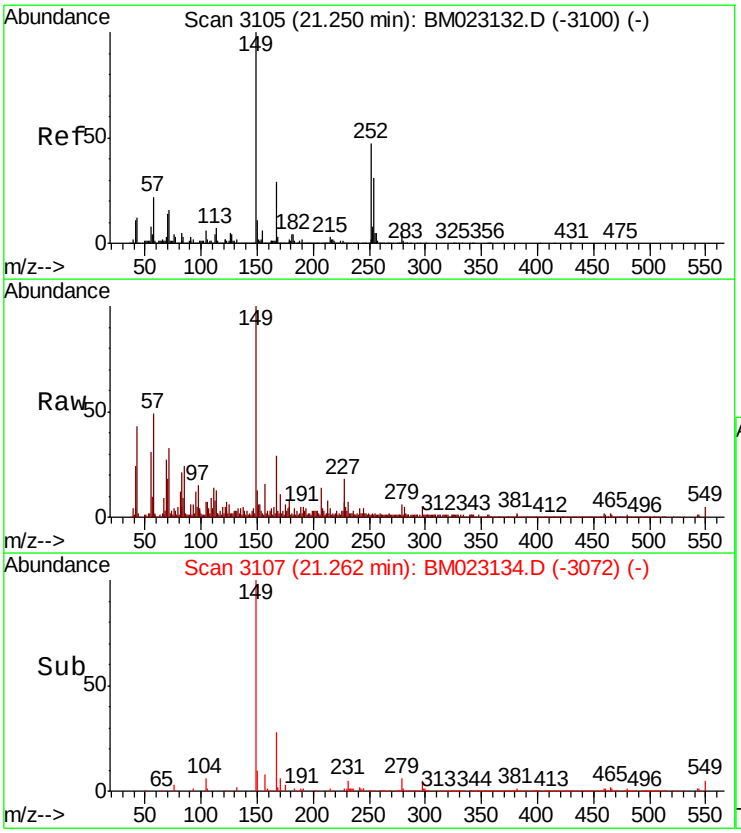
Tgt Ion:228 Resp: 3256931

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	33.1	22.4	33.6



Instrument :
BNA_M
ClientSampleId :
JLM79

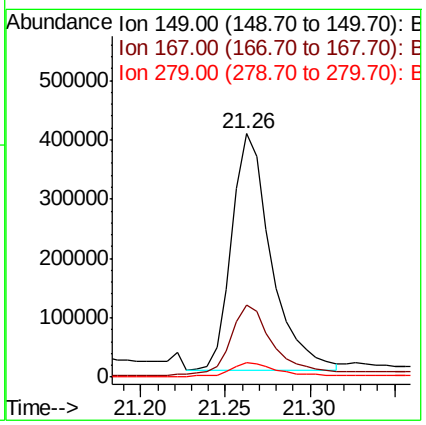
Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

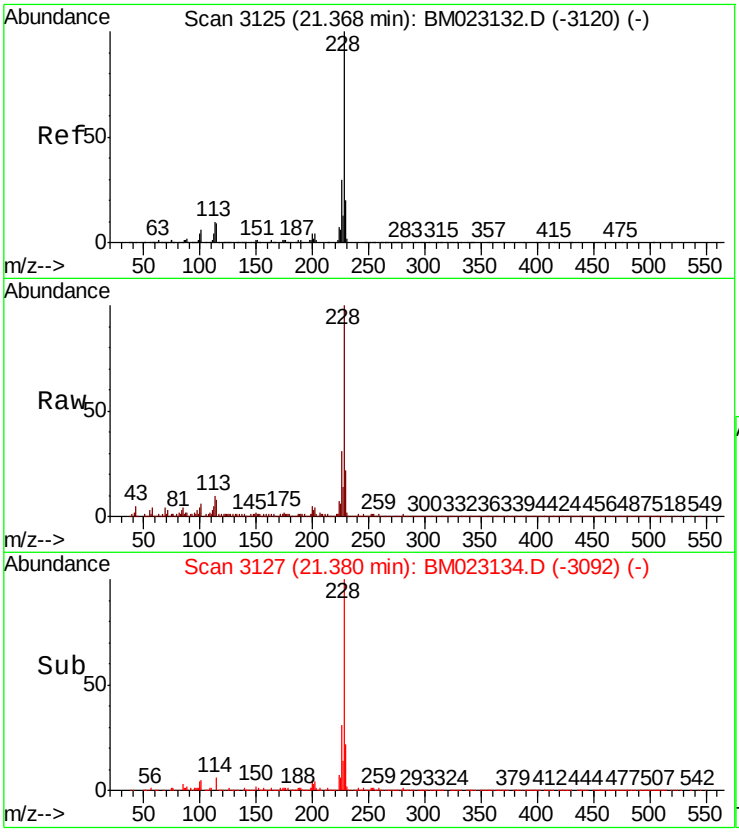


#84
Bis(2-ethylhexyl)phthalate
Concen: 23.860 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:149 Resp: 645947

Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.1	33.1
279	6.0	3.3	4.9#

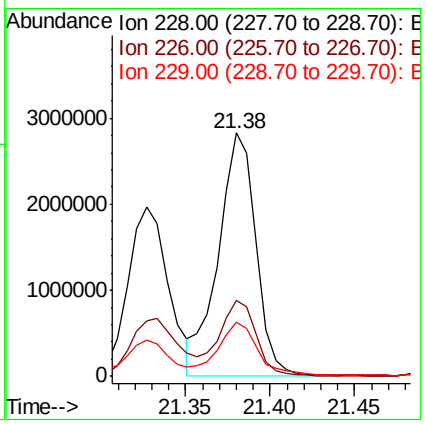




#85
Chrysene
Concen: 100.324 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

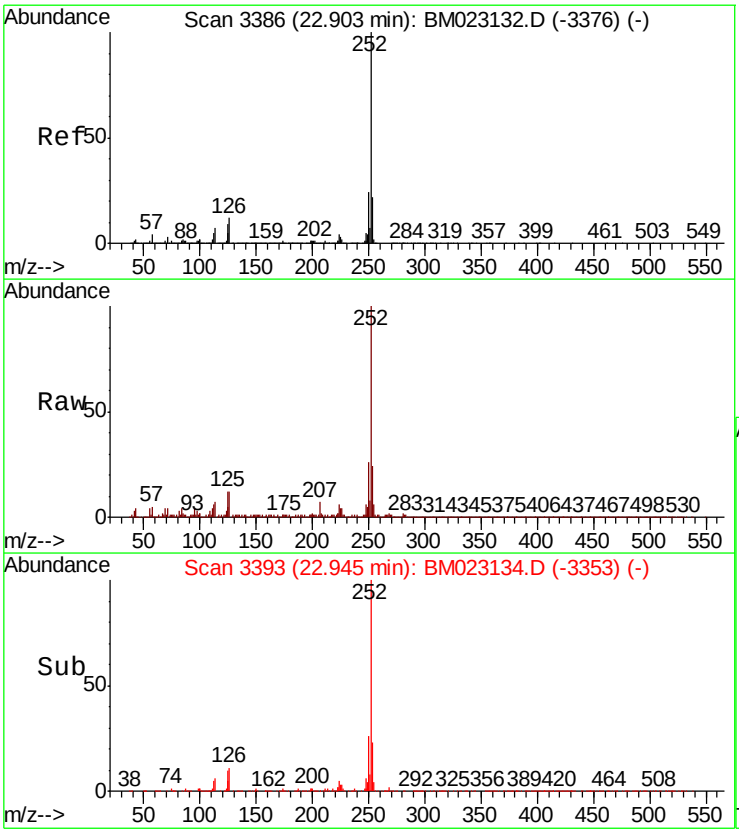
Tgt Ion:228 Resp: 4340283

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	22.4	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
JLM79

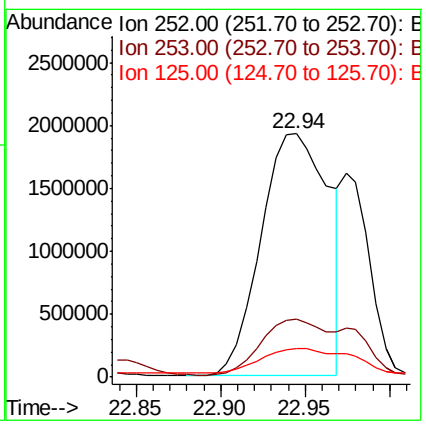
Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

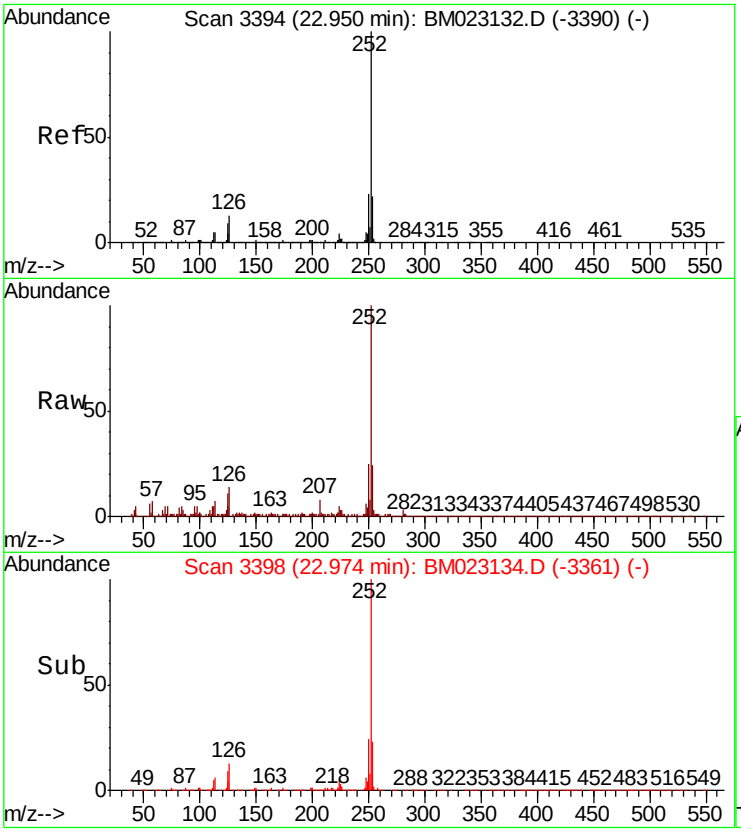


#88
Benzo(b)fluoranthene
Concen: 86.698 ng/ul
RT: 22.94 min Scan# 3393
Delta R.T. 0.04 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:252 Resp: 5367367

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	11.8	8.2	12.2

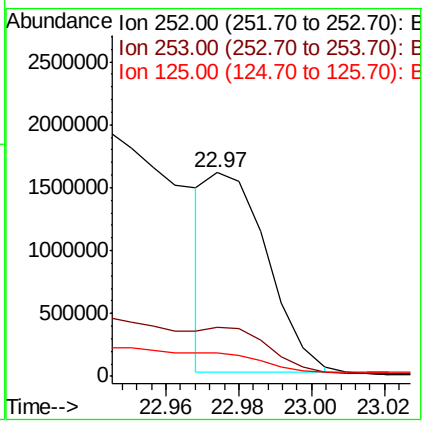




#89
Benzo(k)fluoranthene
Concen: 29.902 ng/ul m
RT: 22.97 min Scan# 3398
Delta R.T. 0.02 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

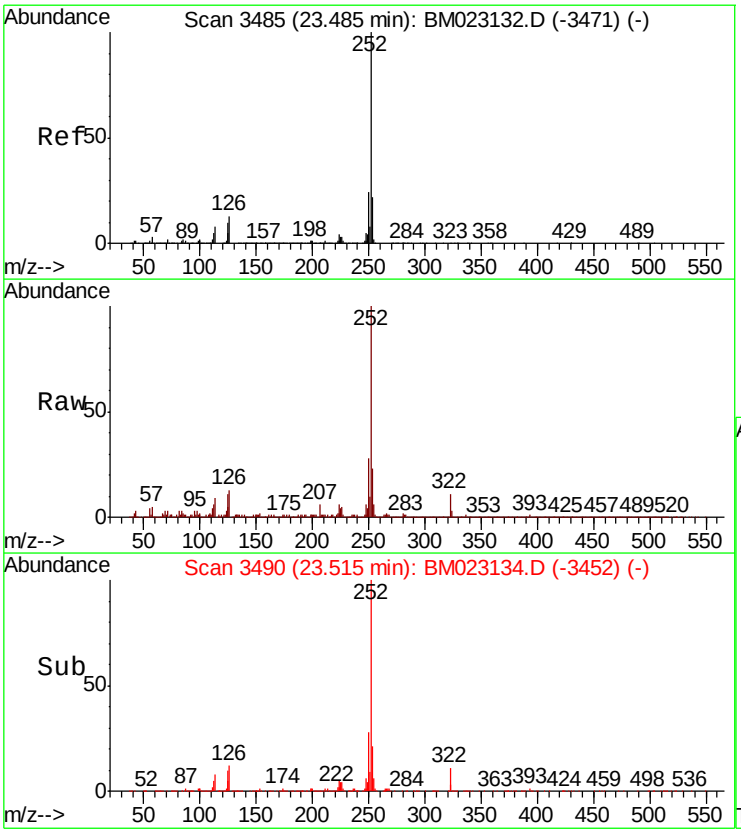
Tgt Ion:252 Resp: 1771046

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	11.2	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
JLM79

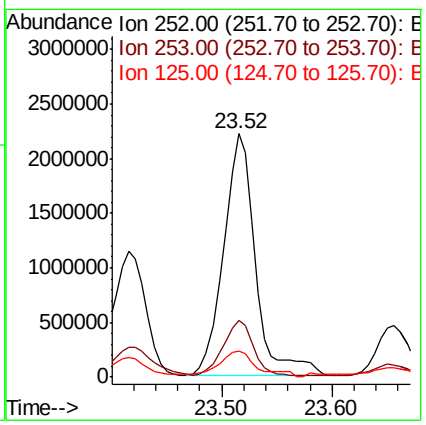
Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

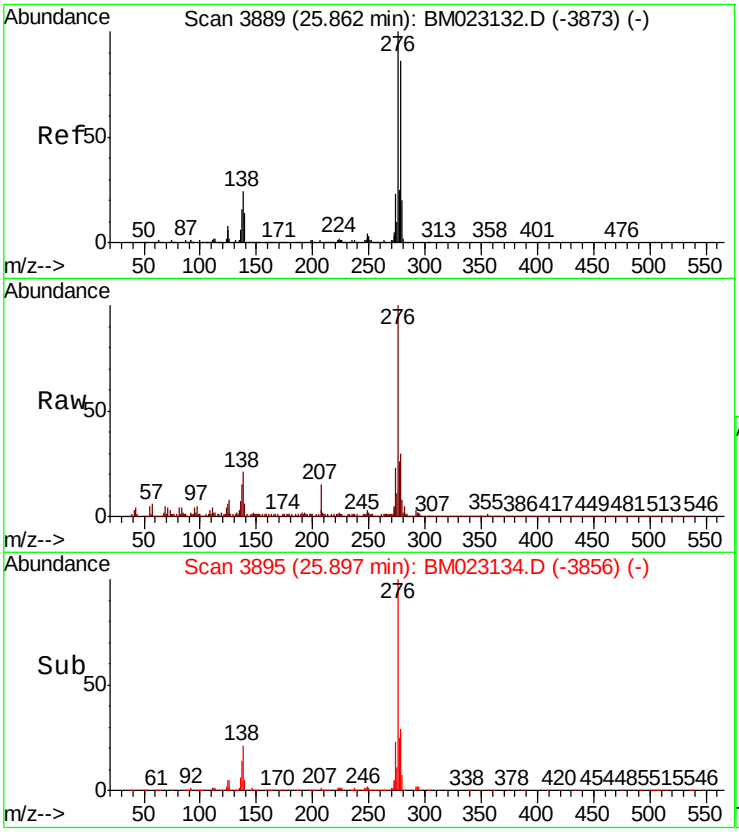


#91
Benzo(a)pyrene
Concen: 76.833 ng/ul
RT: 23.52 min Scan# 3490
Delta R.T. 0.02 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:252 Resp: 4462574

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	10.9	8.7	13.1

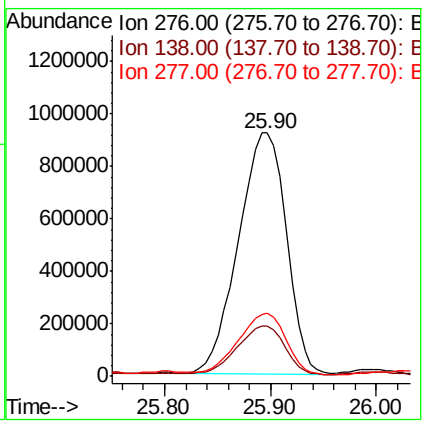




#92
Indeno(1,2,3-cd)pyrene
Concen: 47.113 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. 0.03 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

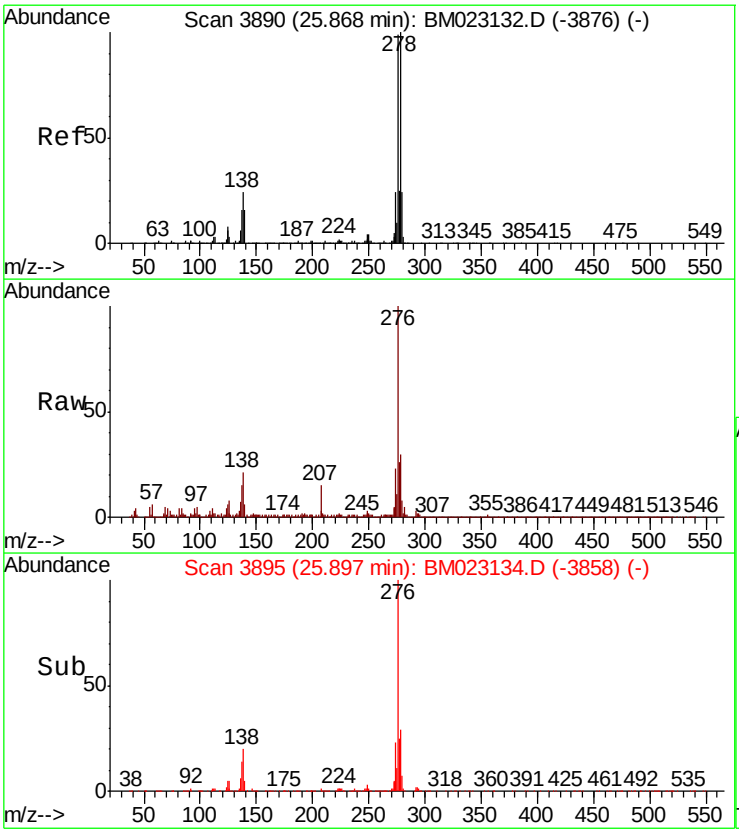
Tgt Ion:276 Resp: 2906500

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.8	29.8
277	25.7	20.3	30.5



Instrument :
BNA_M
ClientSampleId :
JLM79

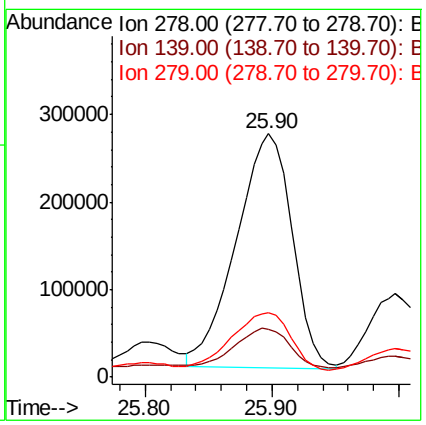
Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM

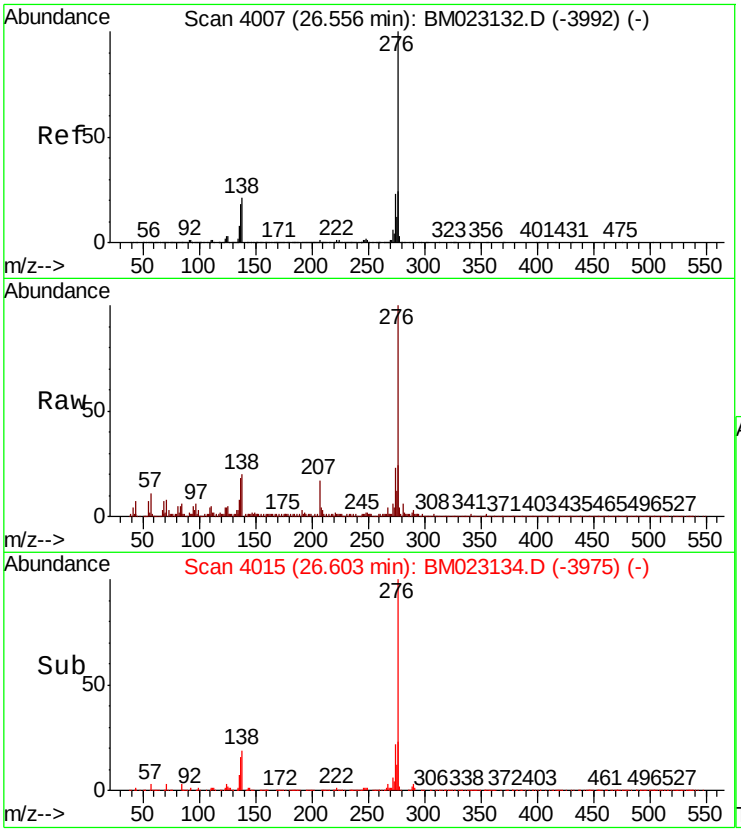


#93
Dibenzo(a,h)anthracene
Concen: 15.898 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. 0.02 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:278 Resp: 820492

Ion	Ratio	Lower	Upper
278	100		
139	19.5	13.2	19.8
279	26.7	19.0	28.6

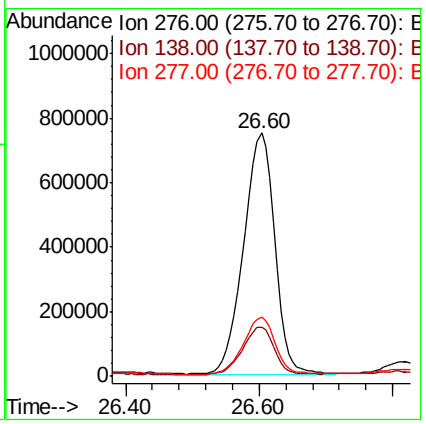




#94
Benzo(g,h,i)perylene
Concen: 48.147 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. 0.04 min
Lab File: BM023134.D
Acq: 11 Oct 2019 17:44

Tgt Ion:276 Resp: 2396365

Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.6	26.4
277	24.4	19.1	28.7



Instrument :
BNA_M
ClientSampleId :
JLM79

Manual Integrations APPROVED
mohammad
10/16/2019 8:02:25 AM