Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023102.D
Acq On : 10 Oct 2019 03:31
Operator : JU
Sample : K5177-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPA2

Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM

Quant Time: Oct 10 04:18:44 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	176994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	711243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	390091	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	733936	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	726197	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	876826	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	15393	3.76	ng/uL	0.00
5) Phenol-d5	6.94	99	276123	17.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	171829	20.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	246137	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	170200	13.29	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	118140	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	127024	21.19	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	232579	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	180811	12.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	669025	22.10	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	798603	22.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	70302	11.75	ng/ul	-0.01
58) Fluorene-d10	15.40	176	572703	22.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	59459	12.45	ng/ul	0.00
71) Anthracene-d10	17.24	188	839981	23.44	ng/ul	0.00
79) Pyrene-d10	19.54	212	941886	24.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1086910	23.96	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.96	94	40163	2.450	ng/ul	96
45) Dimethylphthalate	13.86	163	268462	8.632	ng/ul	100
70) Phenanthrene	17.19	178	264089	6.029	ng/ul	99
72) Anthracene	17.28	178	62429	1.399	ng/ul	99
77) Fluoranthene	19.20	202	738030	14.981	ng/ul	100
80) Pyrene	19.57	202	794243	15.429	ng/ul	100
83) Benzo(a)anthracene	21.31	228	447316	8.580	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.24	149	1744549	57.994	ng/ul	100
85) Chrysene	21.36	228	521313	10.845	ng/ul	98
88) Benzo(b)fluoranthene	22.90	252	656386	11.280	ng/ul	98
89) Benzo(k)fluoranthene	22.94	252	233983m	4.203	ng/ul	
91) Benzo(a)pyrene	23.47	252	497946	9.121	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.84	276	353871	6.103	ng/ul	95
93) Dibenzo(a,h)anthracene	25.85	278	94228	1.943	ng/ul#	89
94) Benzo(g,h,i)perylene	26.54	276	339180	7.250	ng/ul	98

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

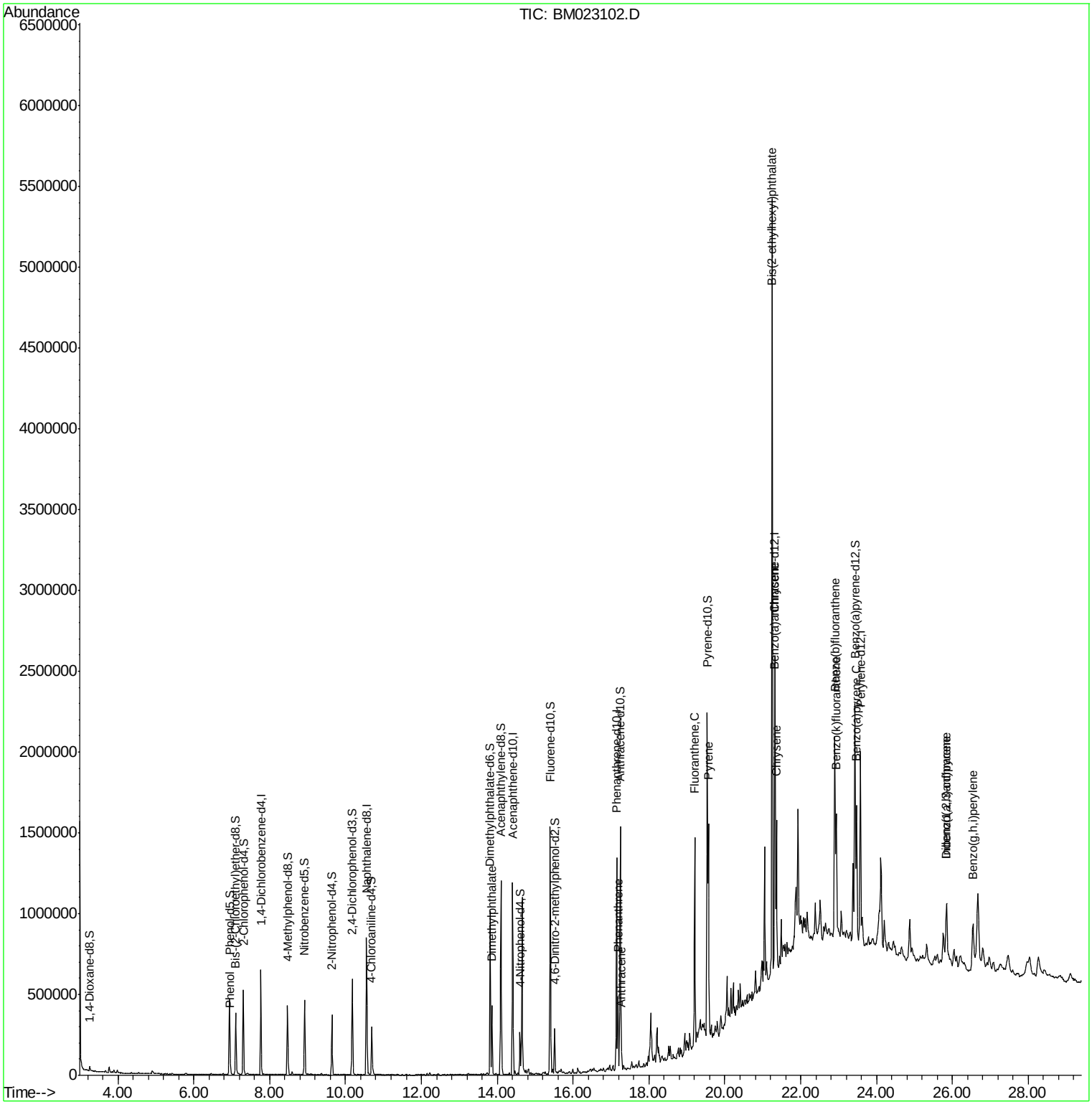
Quantitation Report (LSC Reviewed)

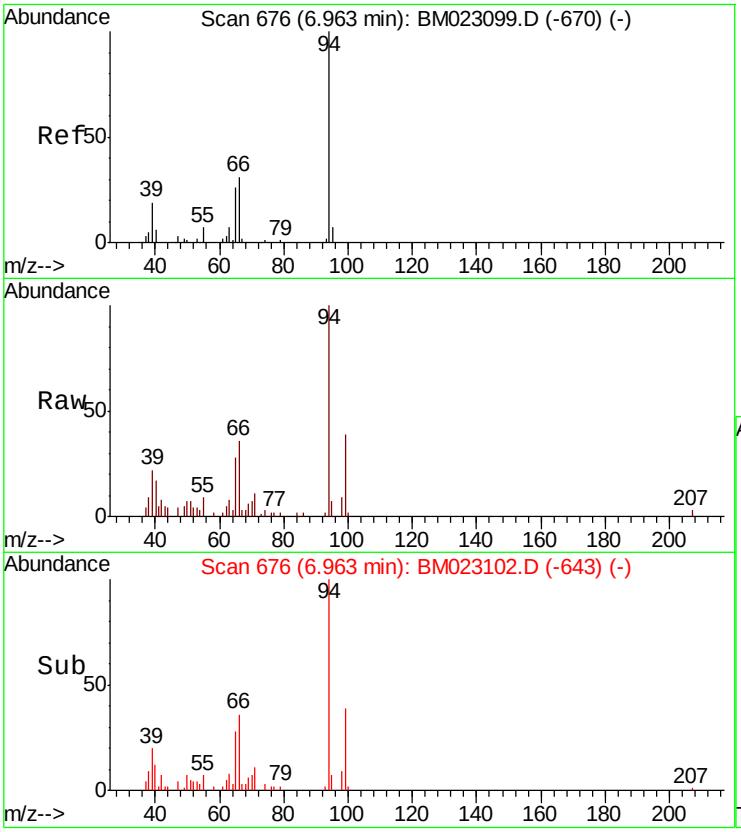
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023102.D
Acq On : 10 Oct 2019 03:31
Operator : JU
Sample : K5177-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 10 04:18:44 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 :
BEPA2

Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM

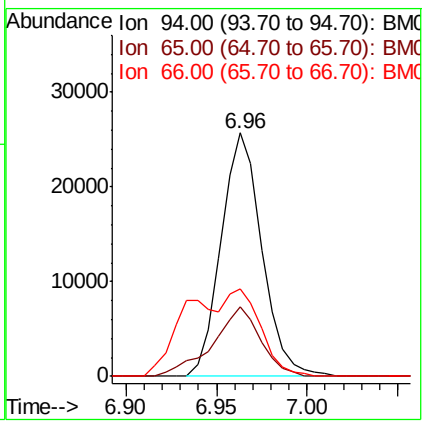




#6
Phenol
Concen: 2.450 ng/ul
RT: 6.96 min Scan# 676
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

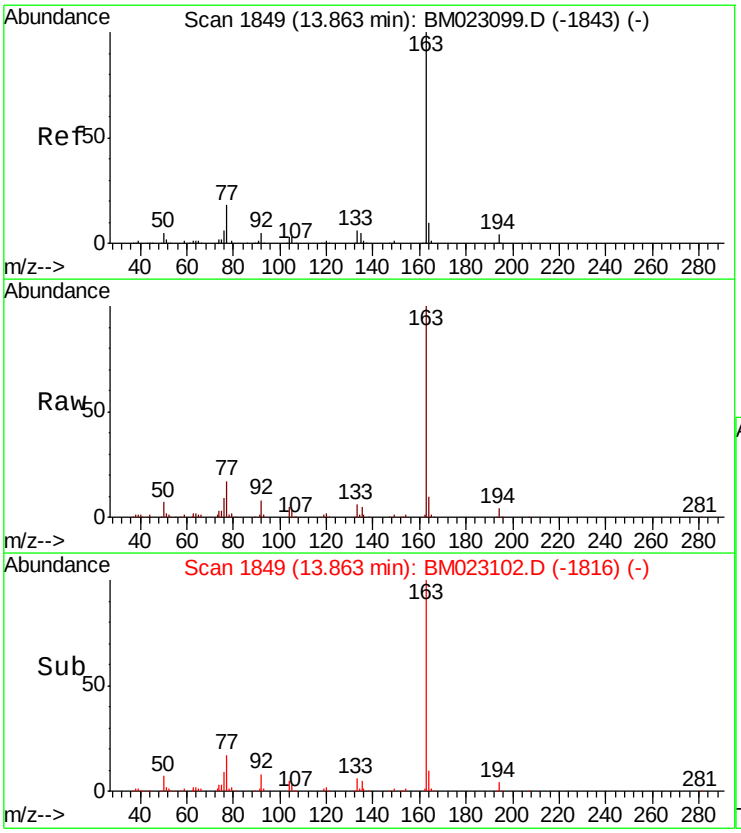
Tgt Ion: 94 Resp: 40163

Ion	Ratio	Lower	Upper
94	100		
65	28.4	20.9	31.3
66	35.7	27.2	40.8



Instrument :
BNA_M
ClientSampleId :
BEPA2

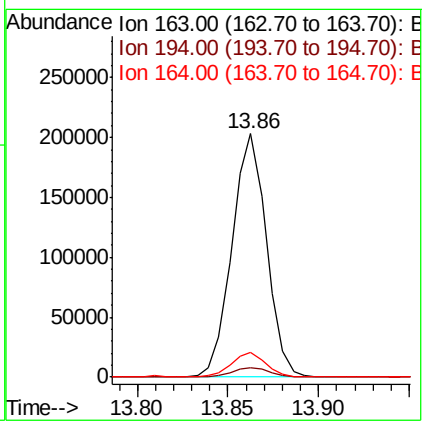
Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM

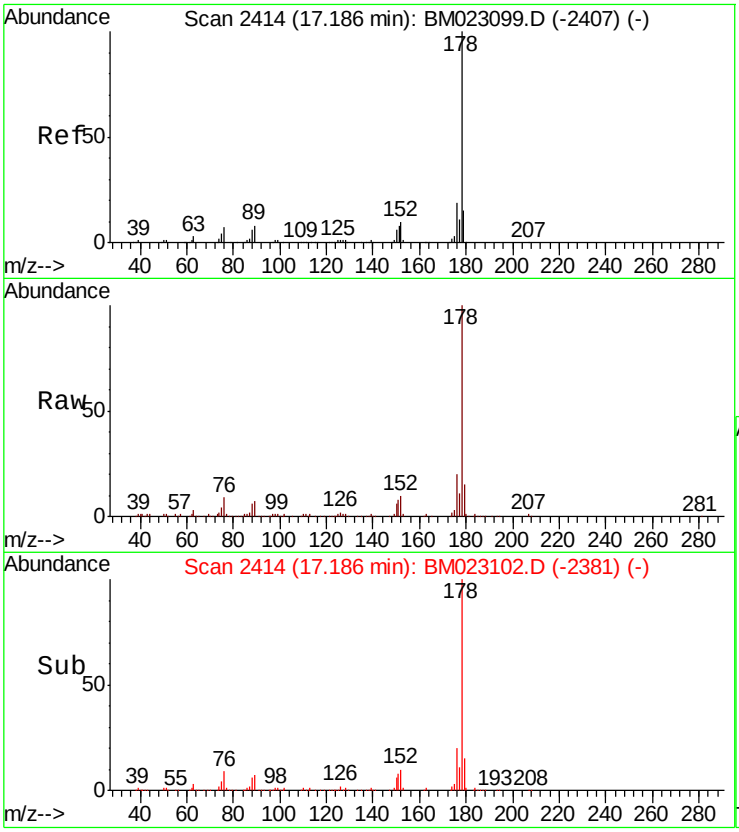


#45
Dimethylphthalate
Concen: 8.632 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion:163 Resp: 268462

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.2	8.1	12.1

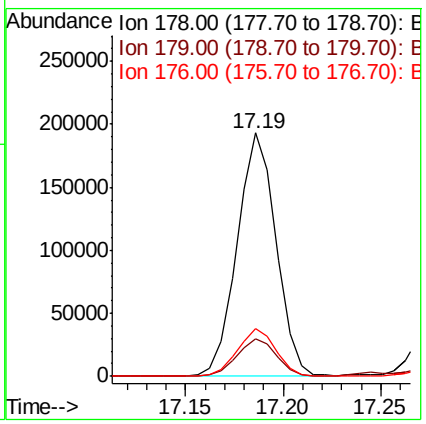




#70
Phenanthrene
Concen: 6.029 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

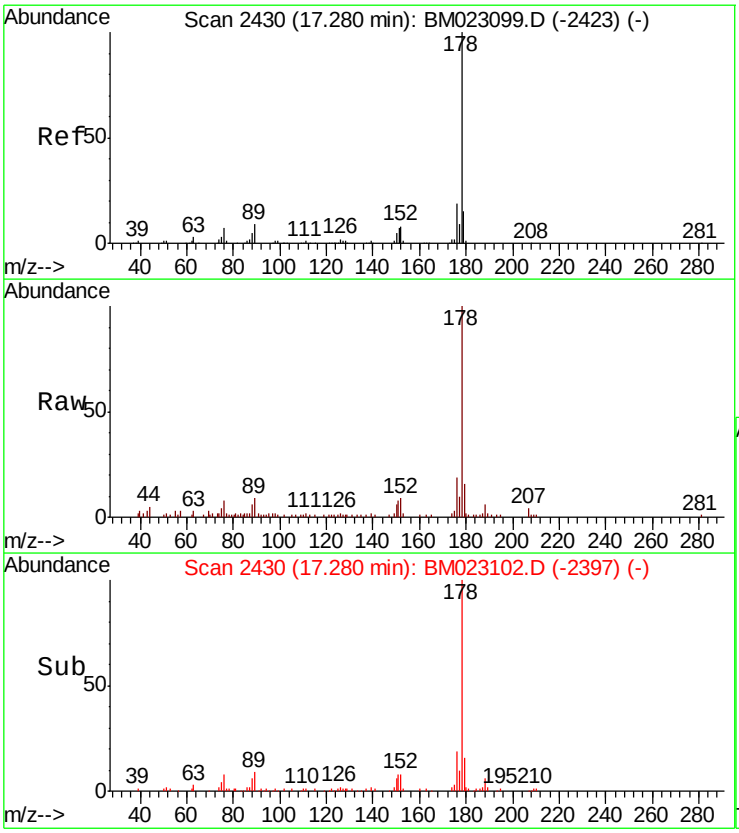
Tgt Ion:178 Resp: 264089

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



Instrument :
BNA_M
ClientSampleId :
BEPA2

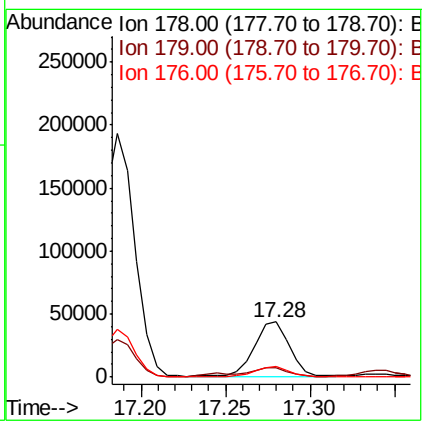
Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM

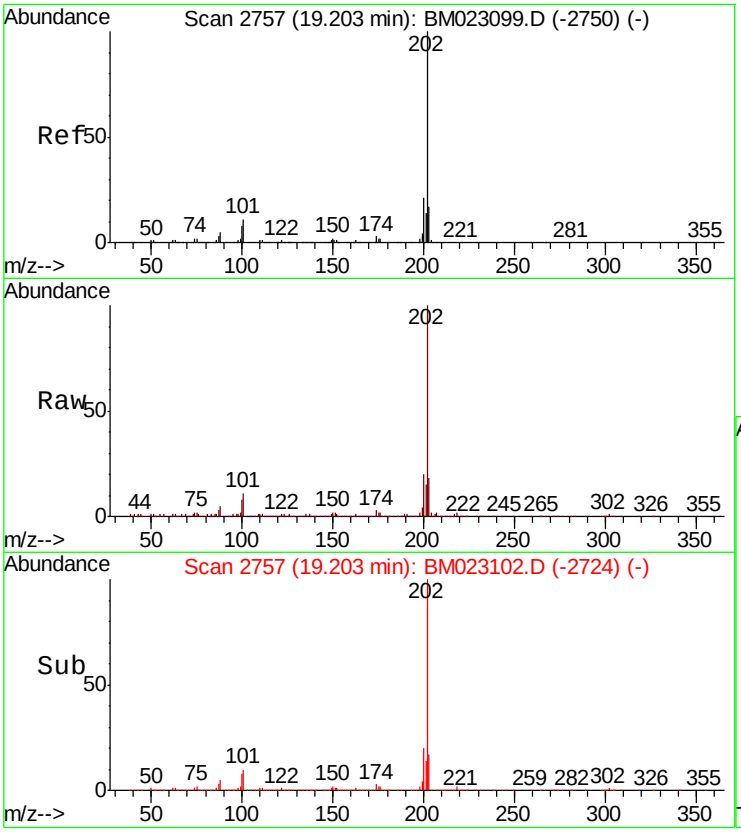


#72
Anthracene
Concen: 1.399 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion:178 Resp: 62429

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.4	18.6
176	18.8	15.0	22.6

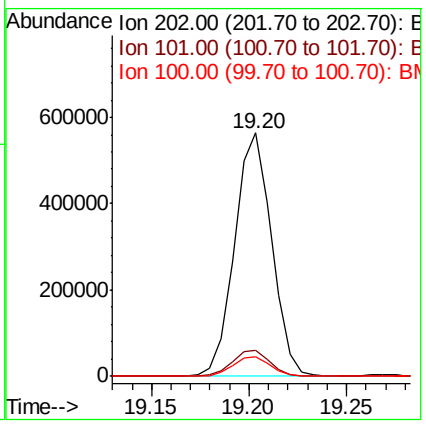




#77
Fluoranthene
Concen: 14.981 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

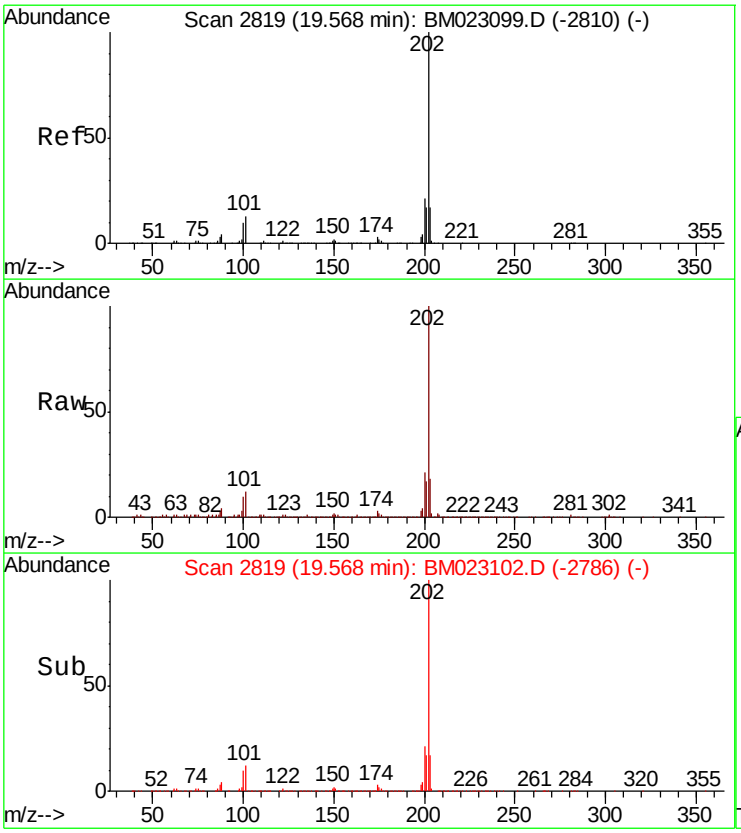
Tgt Ion:202 Resp: 738030

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.6	12.8
100	8.0	6.4	9.6



Instrument :
BNA_M
ClientSampleId :
BEPA2

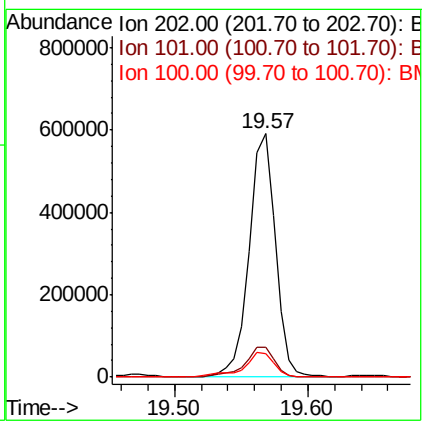
Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM

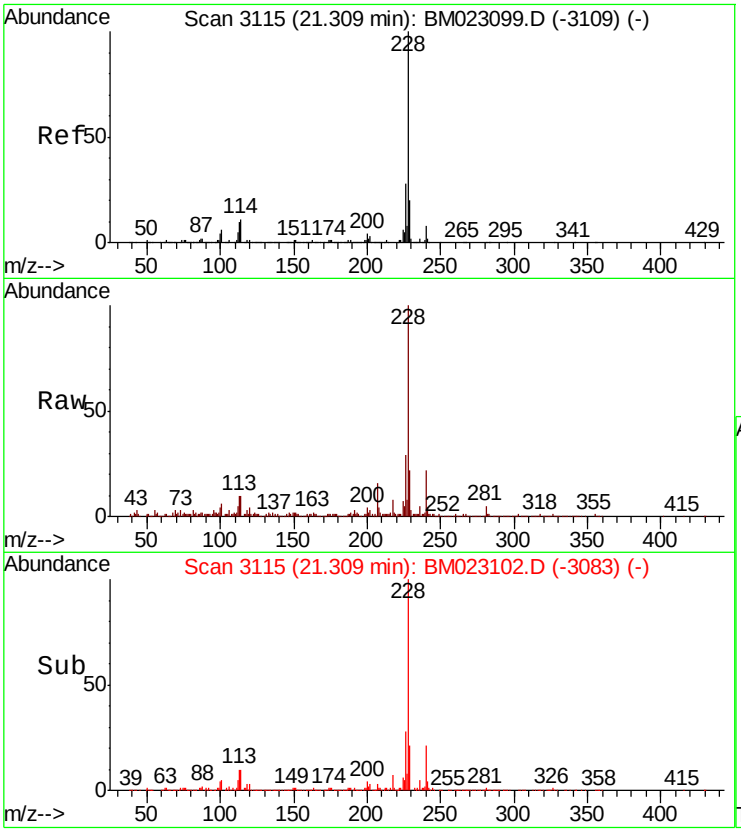


#80
Pyrene
Concen: 15.429 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion:202 Resp: 794243

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
100	9.8	7.8	11.8

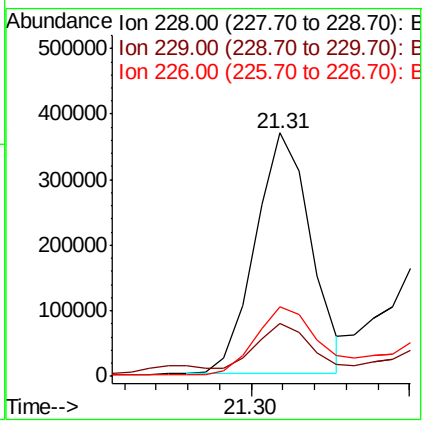




#83
Benzo(a)anthracene
Concen: 8.580 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

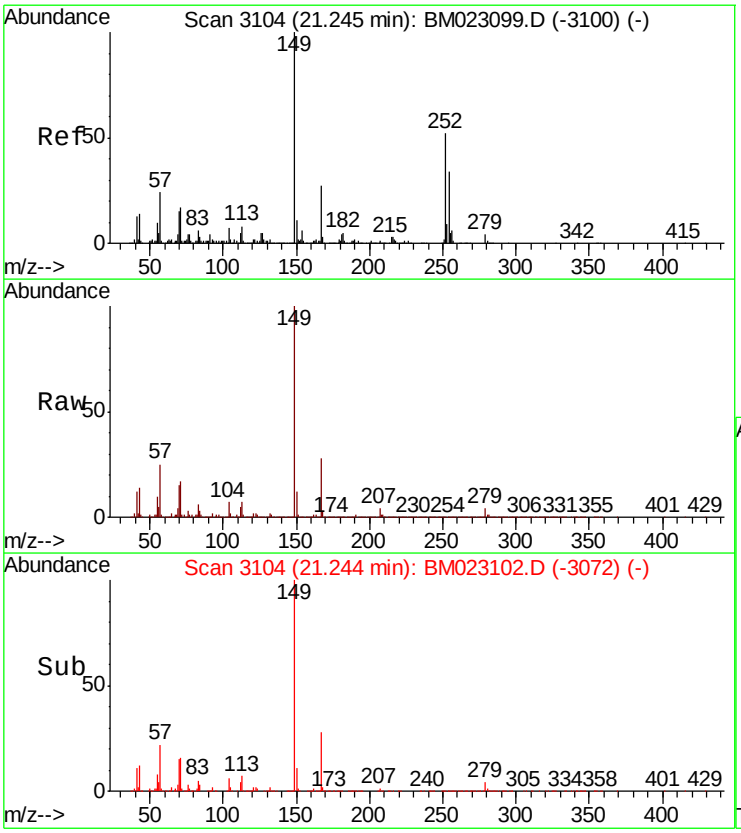
Tgt Ion:228 Resp: 447316

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.8
226	28.5	22.4	33.6



Instrument :
BNA_M
ClientSampleId :
BEPA2

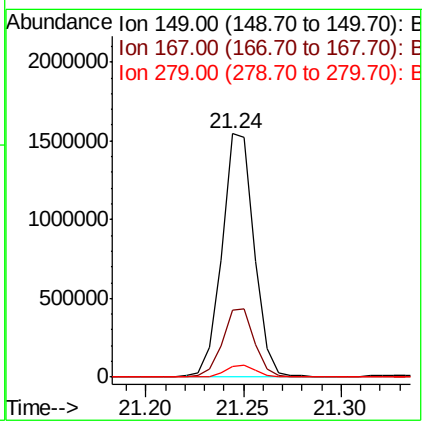
Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM

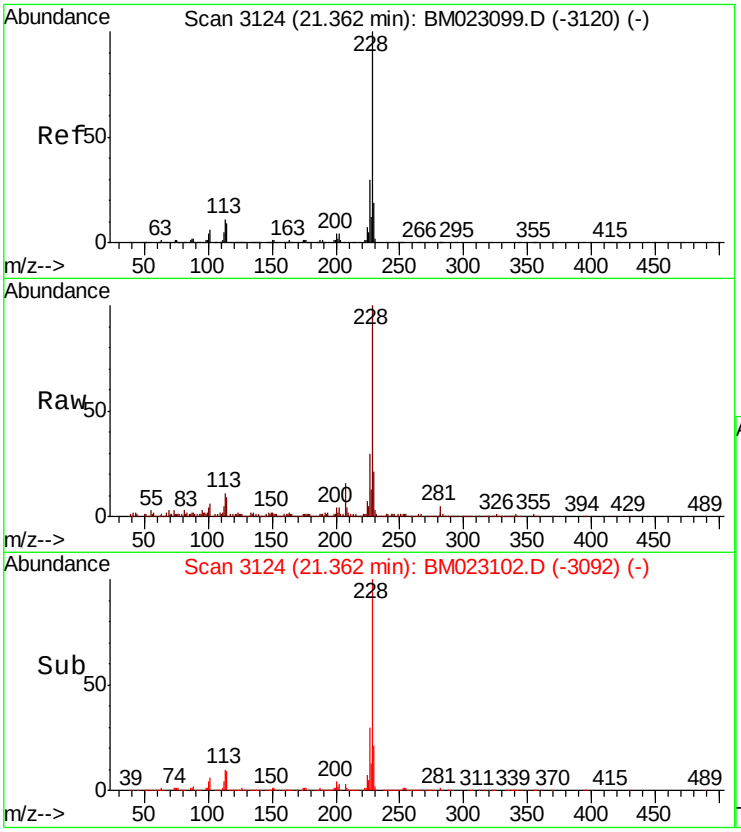


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.994 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion:149 Resp: 1744549

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.3	3.3	4.9

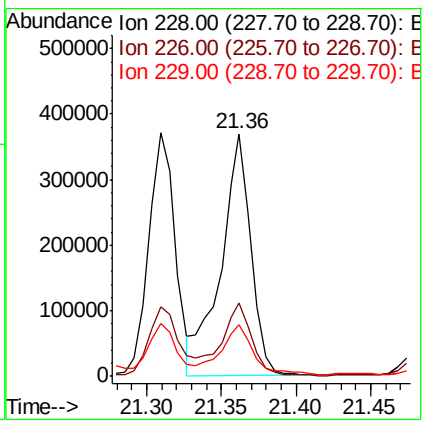




#85
Chrysene
Concen: 10.845 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

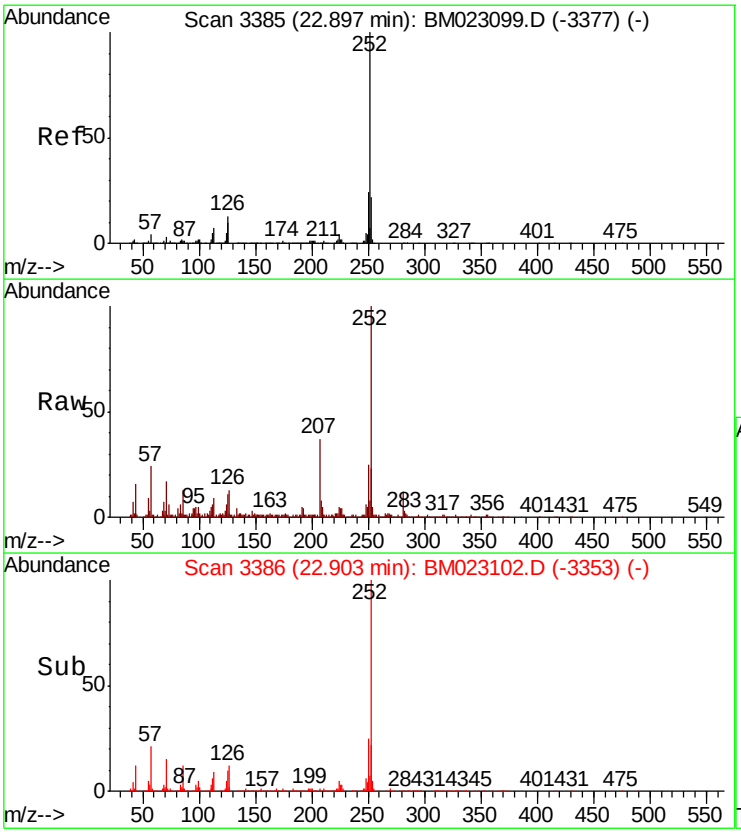
Tgt Ion:228 Resp: 521313

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	21.5	15.9	23.9



Instrument :
BNA_M
ClientSampleId :
BEPA2

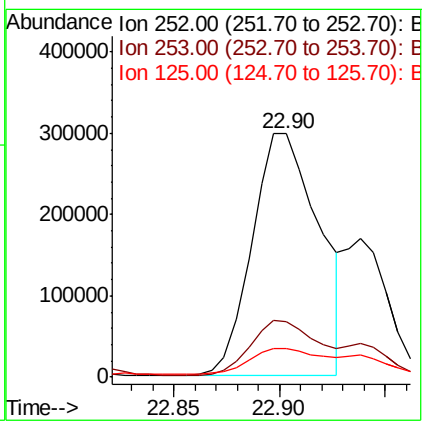
Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM

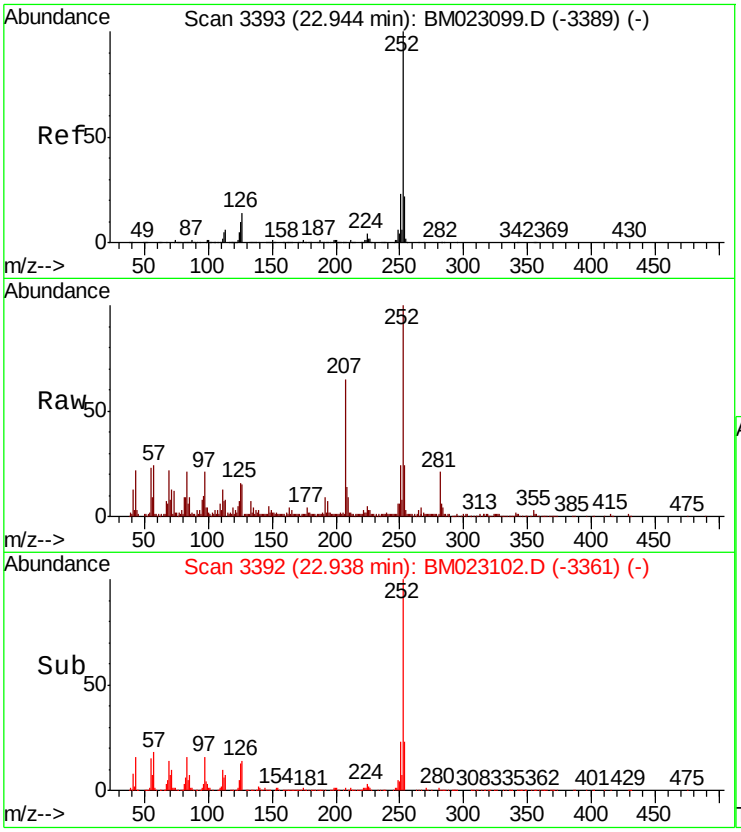


#88
Benzo(b)fluoranthene
Concen: 11.280 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. -0.01 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion:252 Resp: 656386

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	11.5	8.2	12.2

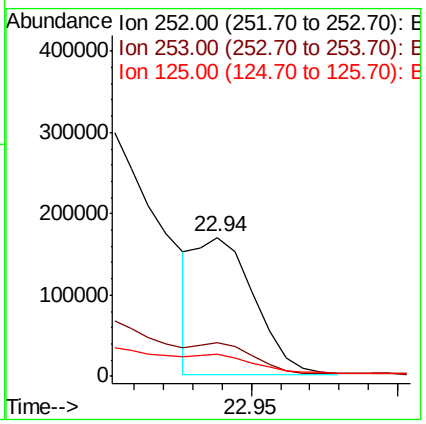




#89
Benzo(k)fluoranthene
Concen: 4.203 ng/ul m
RT: 22.94 min Scan# 3392
Delta R.T. -0.02 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

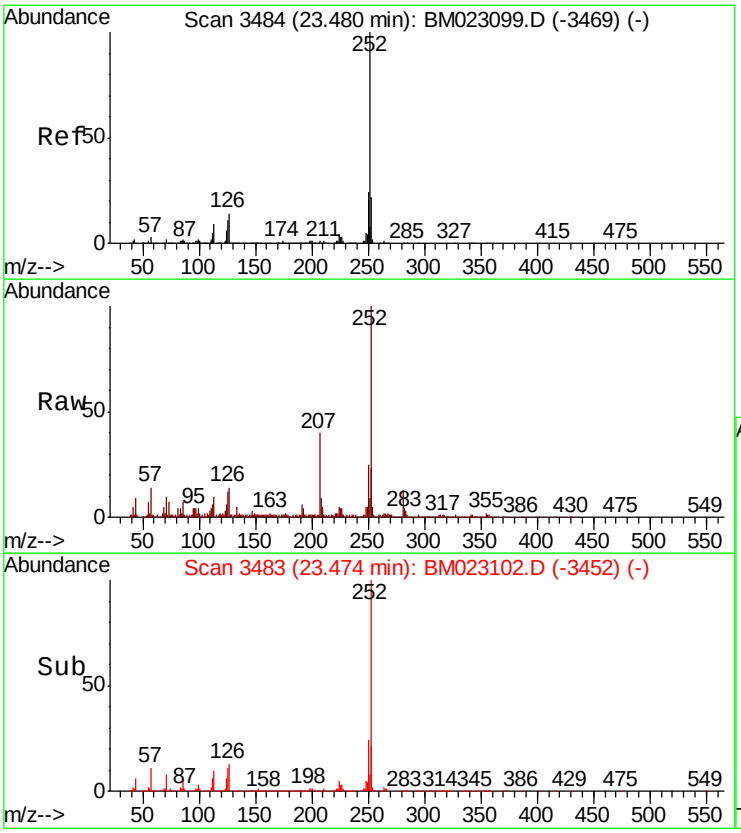
Tgt Ion:252 Resp: 233983

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	16.0	7.9	11.9#



Instrument :
BNA_M
ClientSampleId :
BEPA2

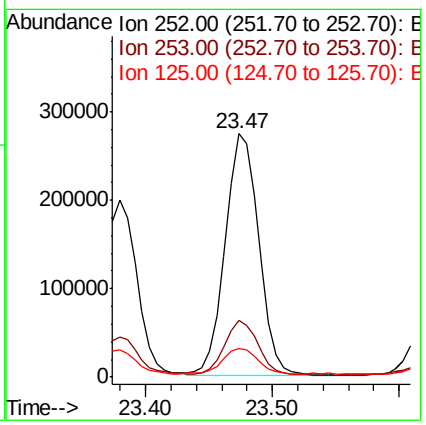
Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM

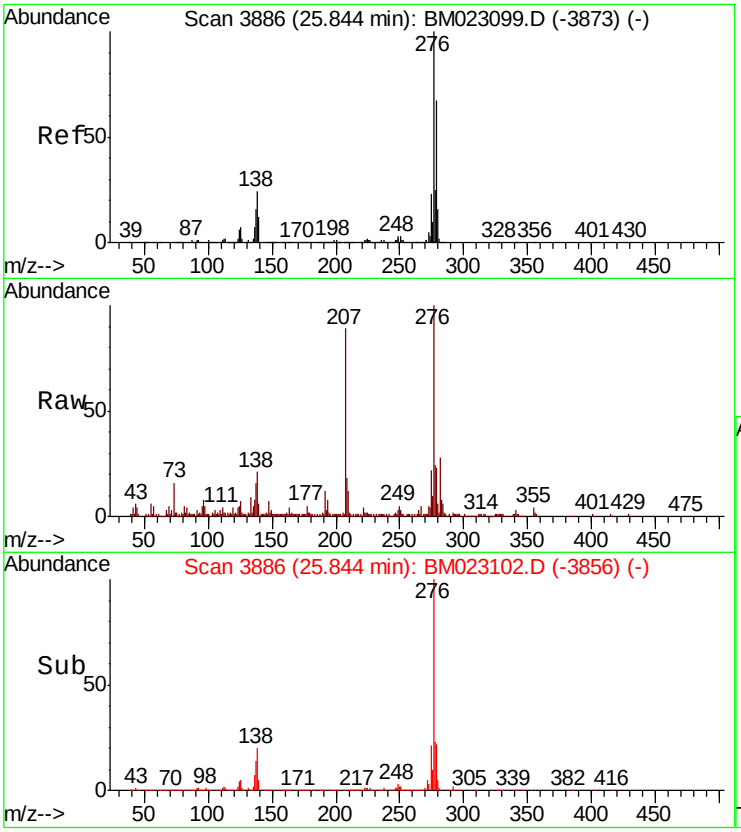


#91
Benzo(a)pyrene
Concen: 9.121 ng/ul
RT: 23.47 min Scan# 3483
Delta R.T. -0.02 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion:252 Resp: 497946

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	12.0	8.7	13.1

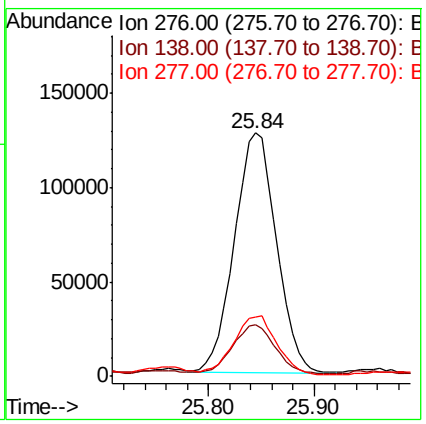




#92
Indeno(1,2,3-cd)pyrene
Concen: 6.103 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

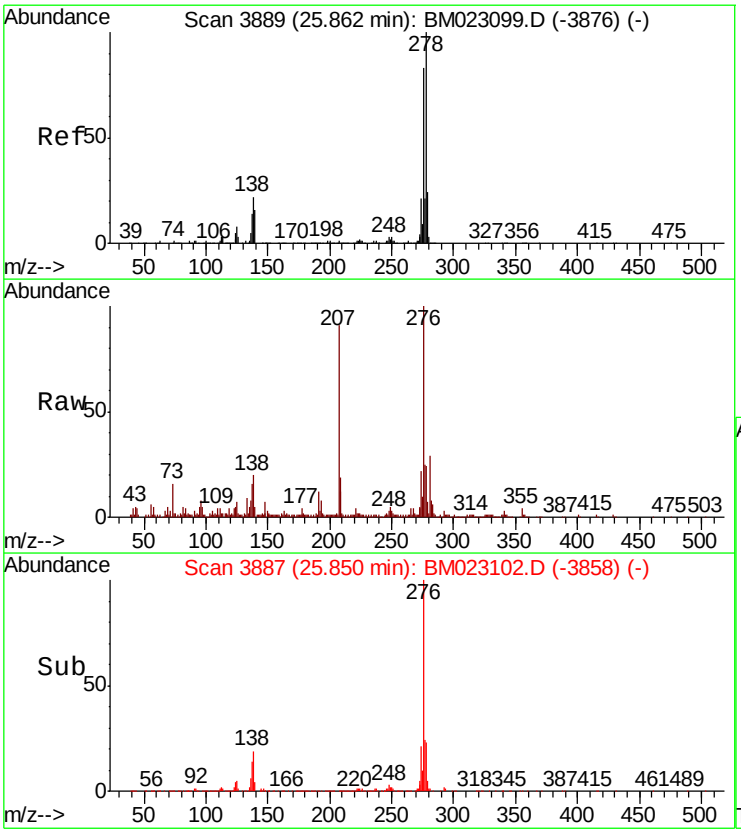
Tgt Ion:276 Resp: 353871

Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.8	29.8
277	24.3	20.3	30.5



Instrument :
BNA_M
ClientSampleId :
BEPA2

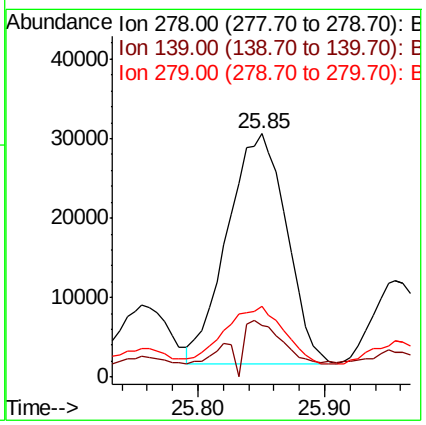
Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM

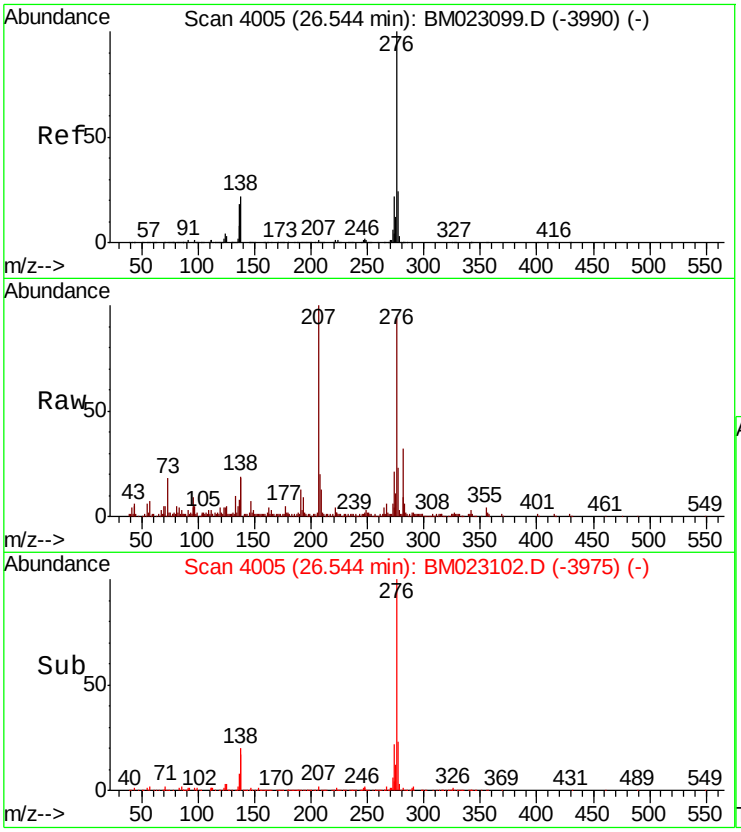


#93
Dibenzo(a,h)anthracene
Concen: 1.943 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.03 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion:278 Resp: 94228

Ion	Ratio	Lower	Upper
278	100		
139	21.4	13.2	19.8#
279	29.0	19.0	28.6#

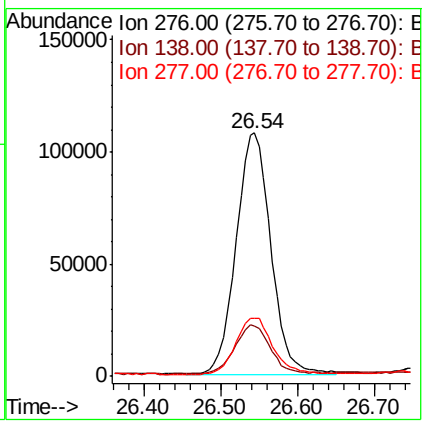




#94
Benzo(g,h,i)perylene
Concen: 7.250 ng/ul
RT: 26.54 min Scan# 4005
Delta R.T. -0.02 min
Lab File: BM023102.D
Acq: 10 Oct 2019 03:31

Tgt Ion:276 Resp: 339180

Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.6	26.4
277	24.0	19.1	28.7



Instrument :
BNA_M
ClientSampleId :
BEPA2

Manual Integrations APPROVED
mohammad
10/11/2019 8:28:43 AM