Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021304.D
Acq On : 01 Jul 2019 11:47
Operator : HP/JU
Sample : K3590-11DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB0DL

Manual Integrations APPROVED
mohammad
7/2/2019 8:32:13 AM

Quant Time: Jul 01 16:55:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 01 01:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	287541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	1280960	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	778656	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1673229	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1152178	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1355488	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	8158	1.35	ng/uL	0.00
5) Phenol-d5	6.93	99	234102	9.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	135349	9.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	196790	9.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	196105	9.39	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	103137	9.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	119046	10.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	232438	9.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	109591	4.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	739016	10.50	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	874762	10.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	65579	5.73	ng/ul	0.00
57) Fluorene-d10	15.39	176	637894	10.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	40901	3.98	ng/ul	0.00
70) Anthracene-d10	17.24	188	893643	10.28	ng/ul	0.00
78) Pyrene-d10	19.54	212	787565	11.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	809155	10.12	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.86	163	186654	2.914	ng/ul	99
49) Acenaphthene	14.46	153	67590	1.250	ng/ul	98
58) Fluorene	15.45	166	86013	1.375	ng/ul	97
69) Phenanthrene	17.19	178	2972039	32.117	ng/ul	99
71) Anthracene	17.28	178	366561	3.887	ng/ul	100
74) Carbazole	17.56	167	225136	2.897	ng/ul	99
76) Fluoranthene	19.22	202	6793485	67.943	ng/ul	99
79) Pyrene	19.58	202	5227805	64.181	ng/ul	98
82) Benzo(a)anthracene	21.33	228	2295044	29.217	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	92231	2.148	ng/ul	100
84) Chrysene	21.37	228	2864315	38.935	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	4104612	47.804	ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	1453295m	17.594	ng/ul	
90) Benzo(a)pyrene	23.51	252	2593447	32.091	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.91	276	2132400	22.407	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.91	278	533283m	6.661	ng/ul	
93) Benzo(g,h,i)perylene	26.61	276	1918724	24.480	ng/ul	98

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

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 01 01:16:07 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5BB0DL

Manual Integrations APPROVED
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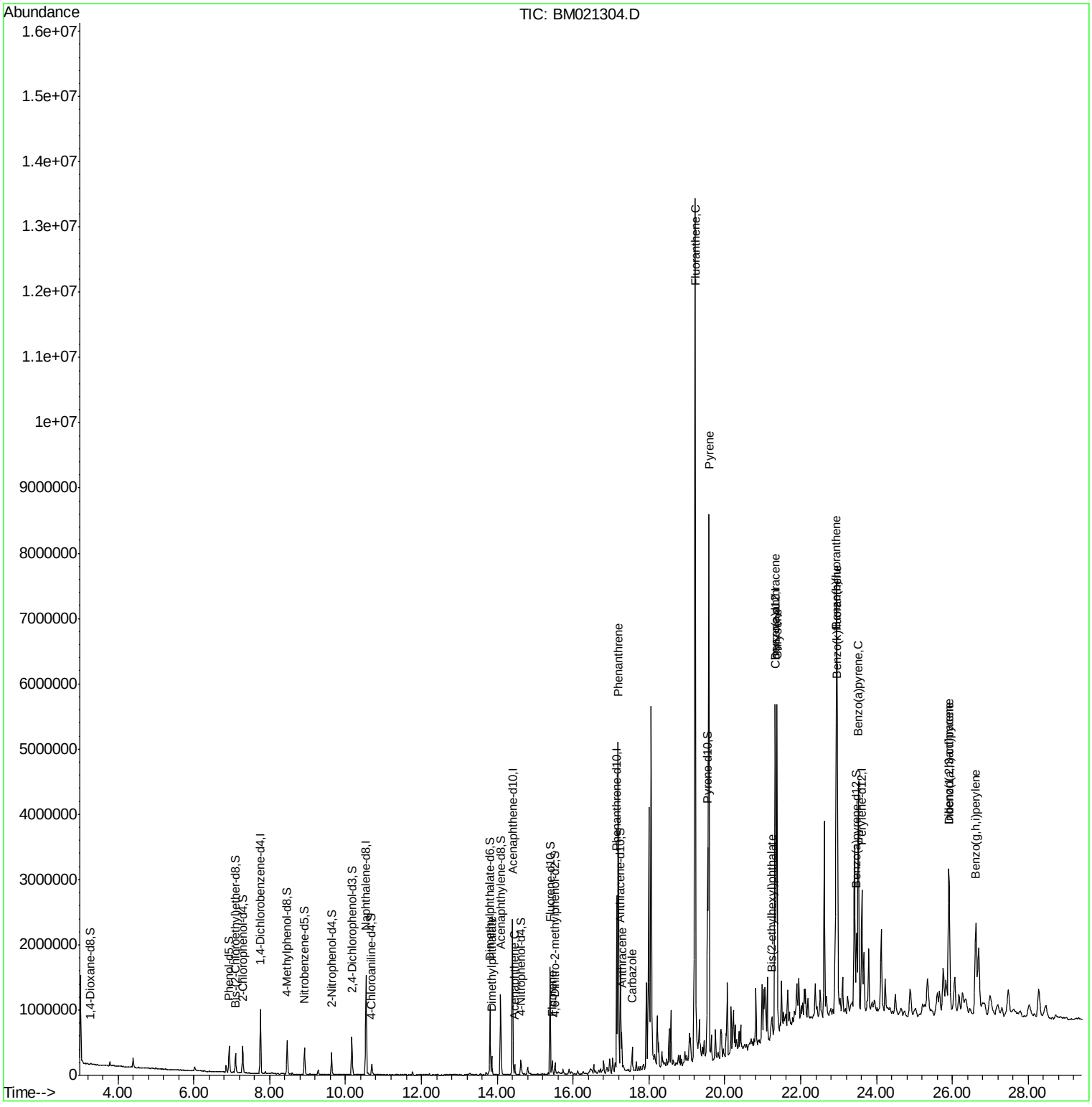
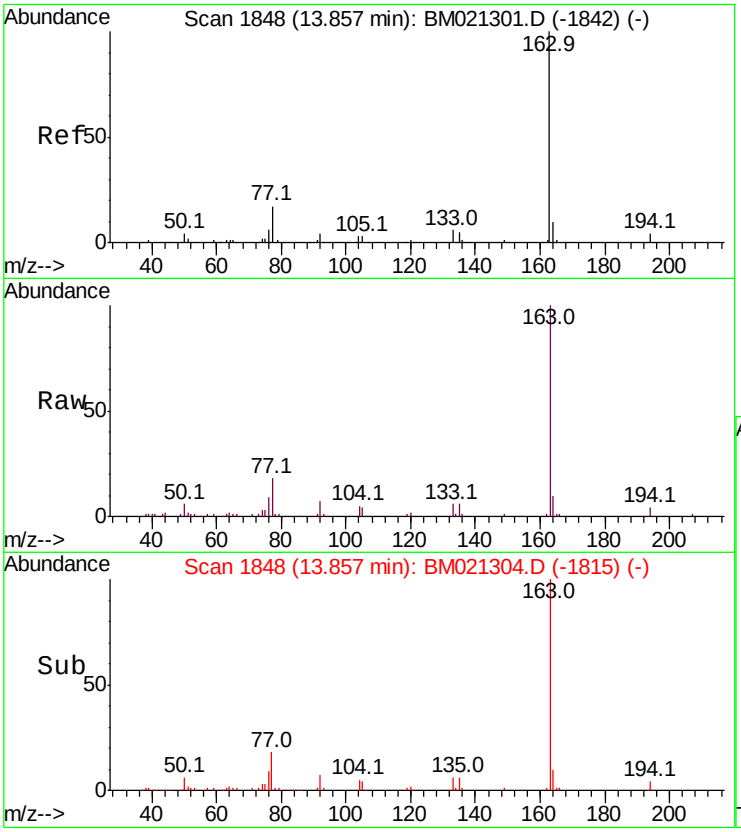
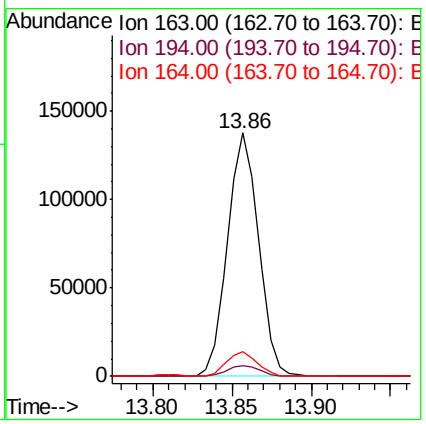




#44
Dimethylphthalate
Concen: 2.914 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:163 Resp: 186654

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	7.7	11.5



Instrument :
BNA_M
ClientSampleId :
C5BB0DL

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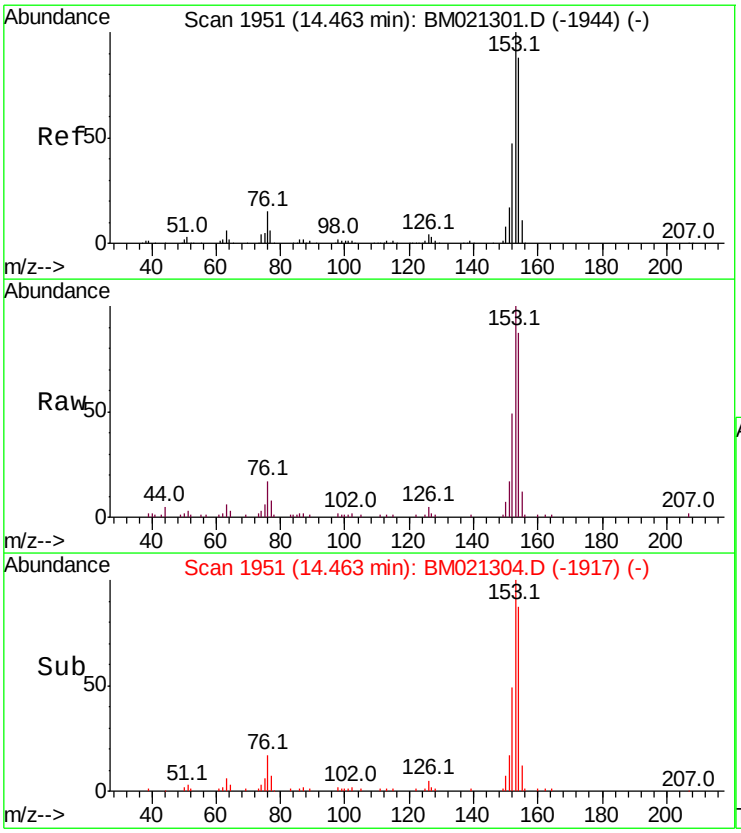
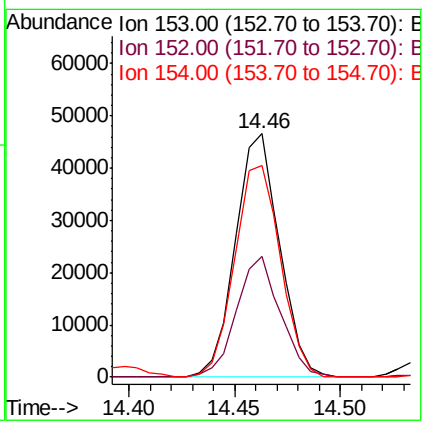
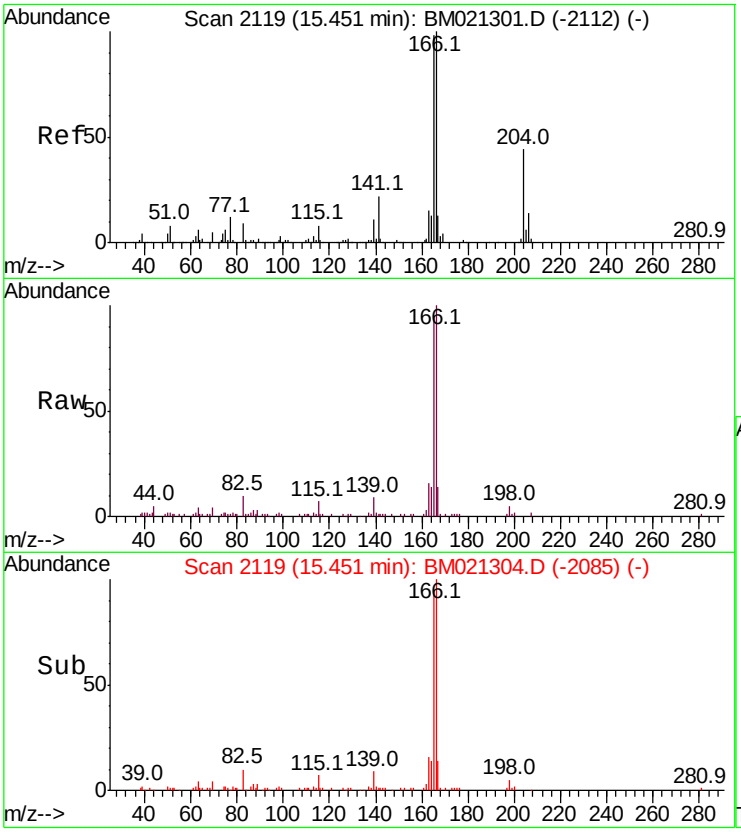


#49
Acenaphthene
Concen: 1.250 ng/ul
RT: 14.46 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:153 Resp: 67590

Ion	Ratio	Lower	Upper
153	100		
152	49.5	37.3	55.9
154	86.7	70.5	105.7

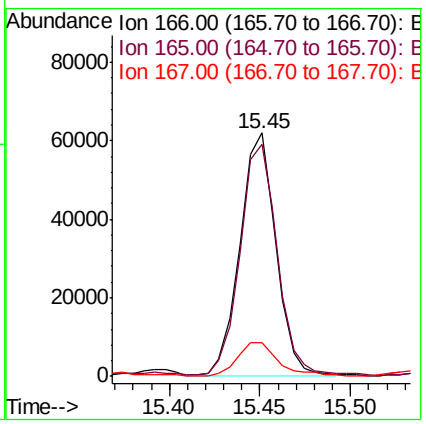




#58
Fluorene
Concen: 1.375 ng/ul
RT: 15.45 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:166 Resp: 86013

Ion	Ratio	Lower	Upper
166	100		
165	95.4	79.0	118.4
167	14.0	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
C5BB0DL

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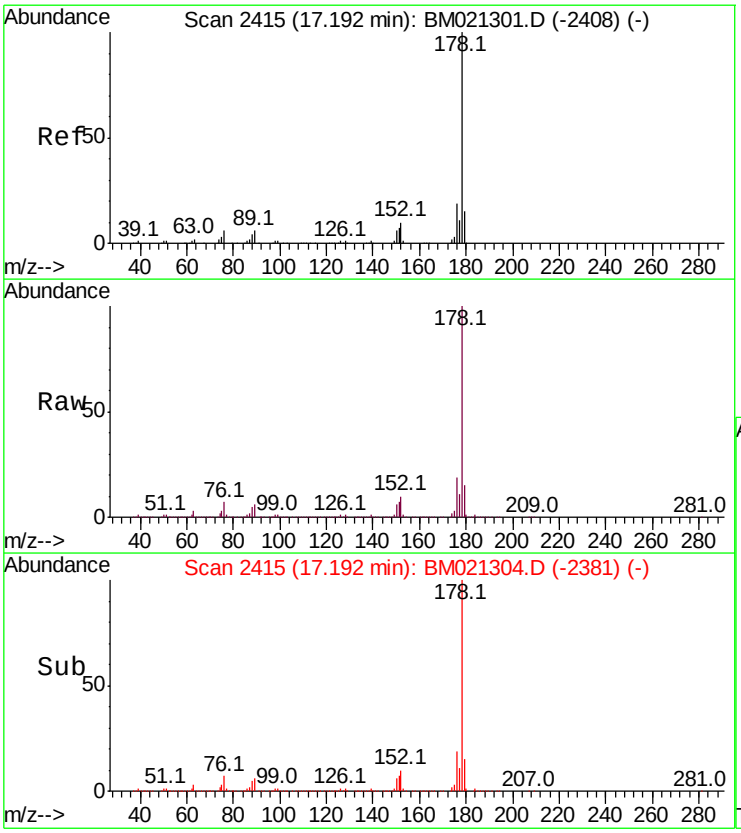
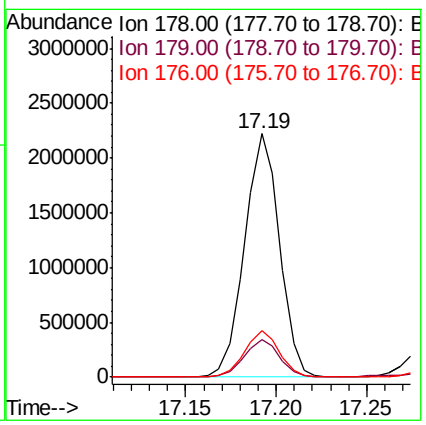
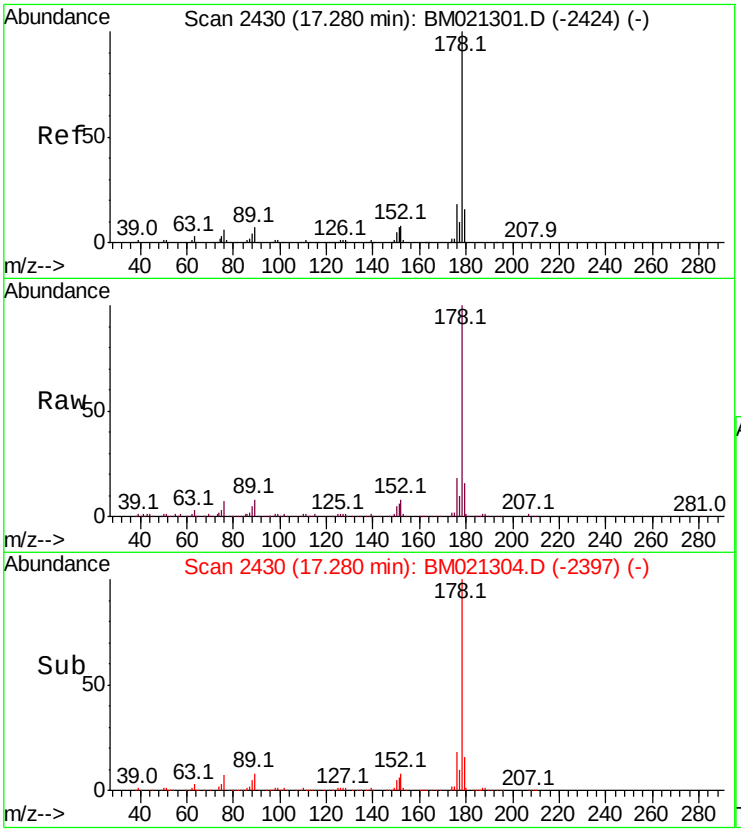


#69
Phenanthrene
Concen: 32.117 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:178 Resp: 2972039

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.8	15.0	22.6

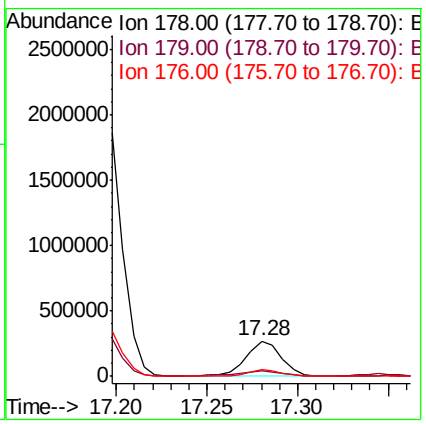




#71
Anthracene
Concen: 3.887 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:178 Resp: 366561

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	18.3	14.6	21.8



Instrument :
BNA_M
ClientSampleId :
C5BB0DL

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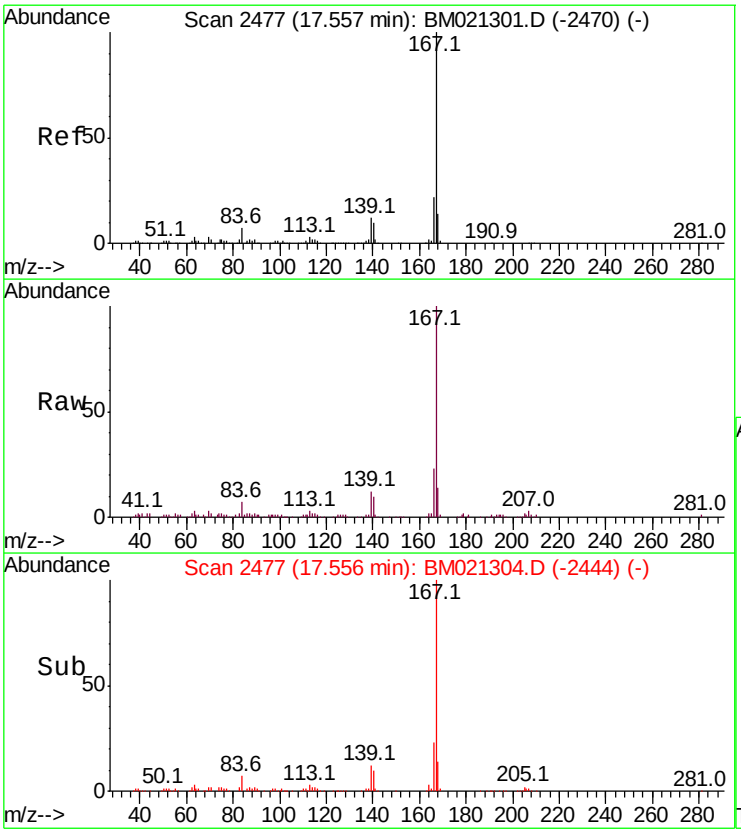
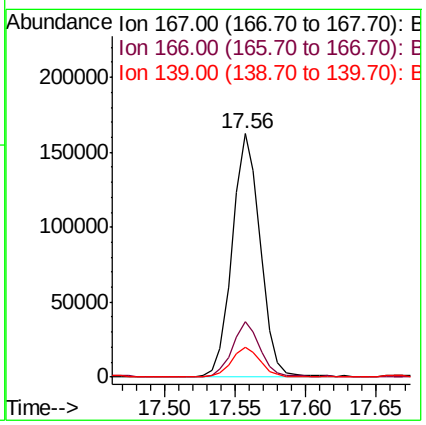
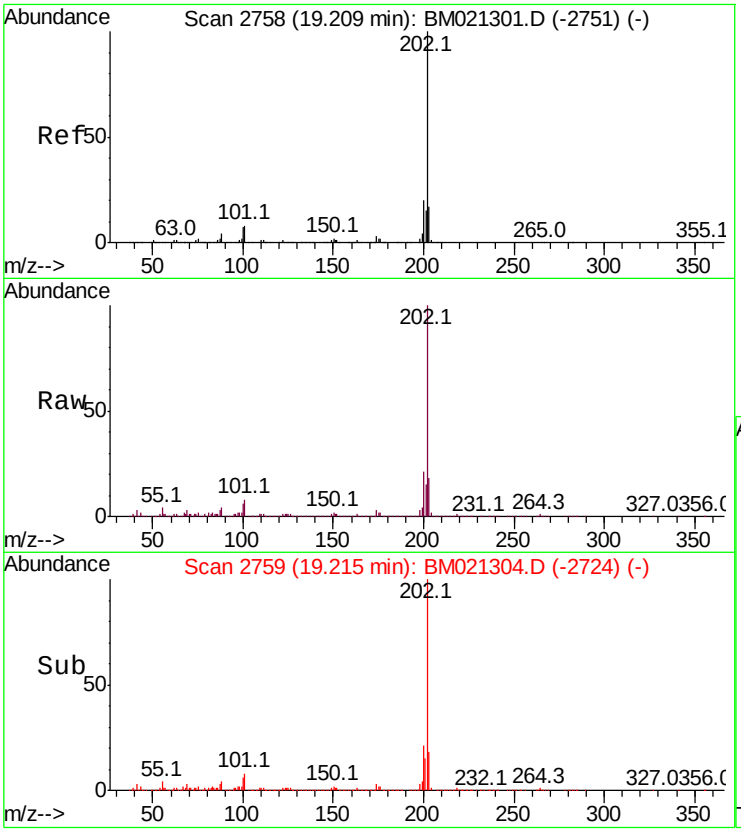


#74
Carbazole
Concen: 2.897 ng/ul
RT: 17.56 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:167 Resp: 225136

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.4	26.2
139	12.3	9.8	14.6

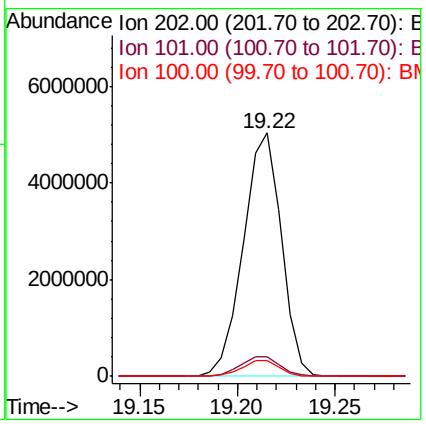




#76
Fluoranthene
Concen: 67.943 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. 0.01 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:202 Resp: 6793485

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.7	10.1
100	6.3	5.5	8.3



Instrument :
BNA_M
ClientSampleId :
C5BB0DL

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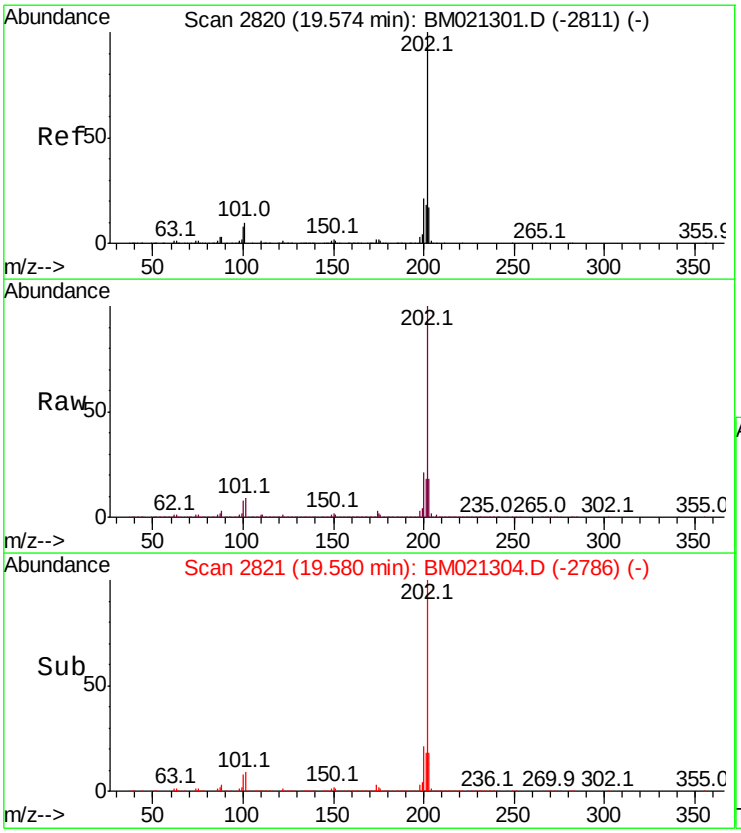
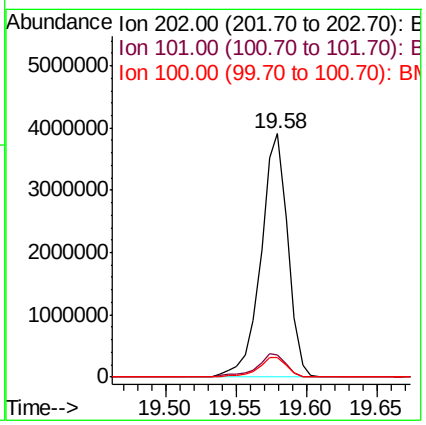
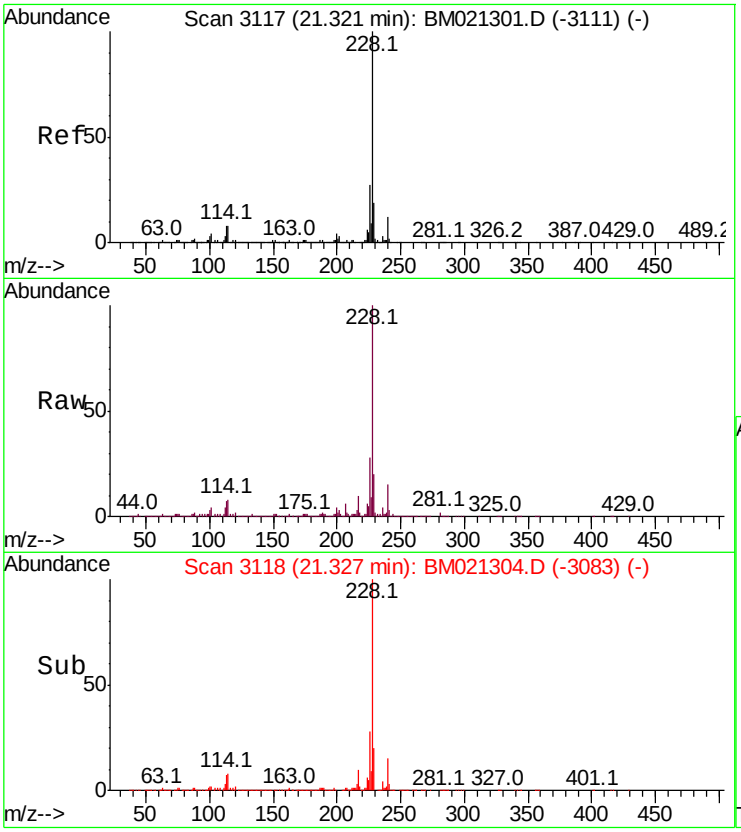


#79
Pyrene
Concen: 64.181 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. 0.01 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:202 Resp: 5227805

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.1	12.1
100	7.9	6.6	10.0

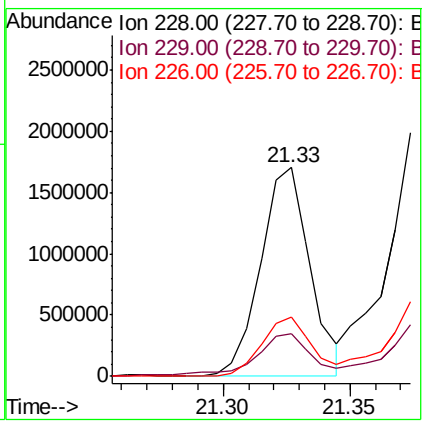




#82
Benzo(a)anthracene
Concen: 29.217 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. 0.01 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:228 Resp: 2295044

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.8
226	28.5	21.4	32.2



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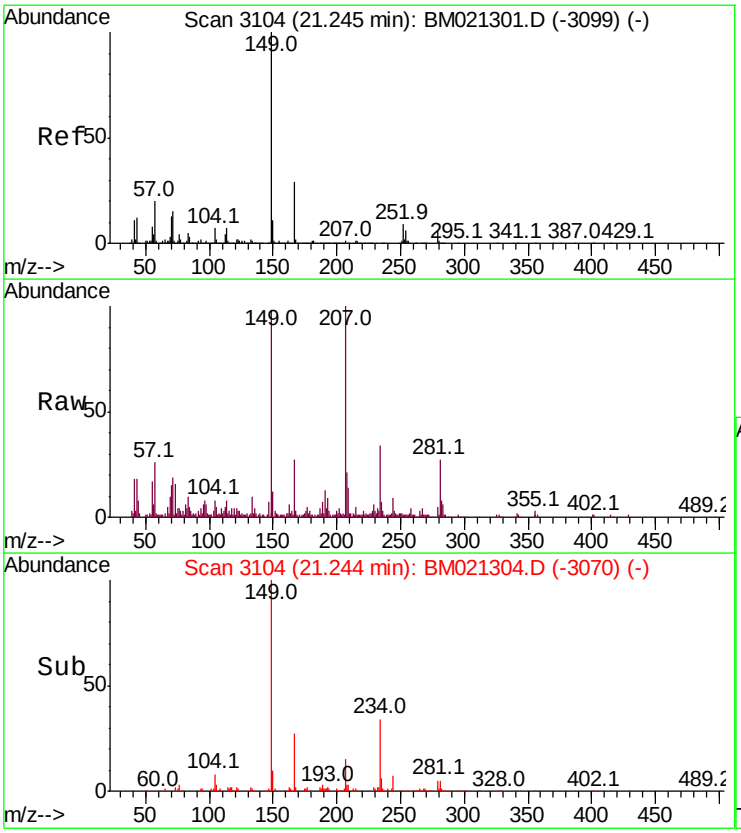
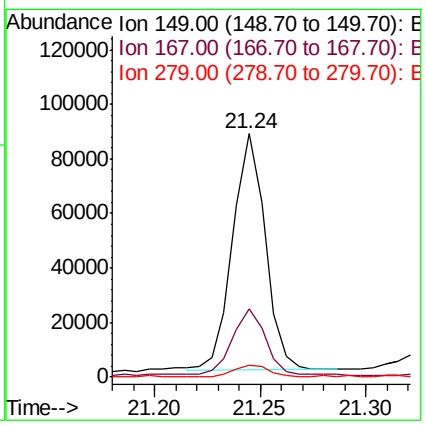
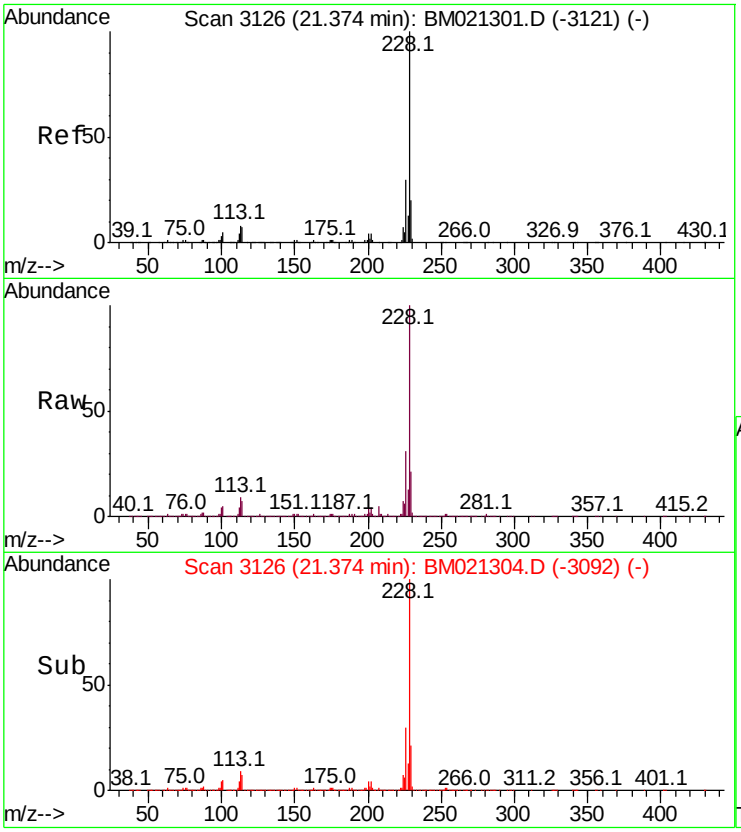


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.148 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:149 Resp: 92231

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.3	33.5
279	5.1	3.8	5.6

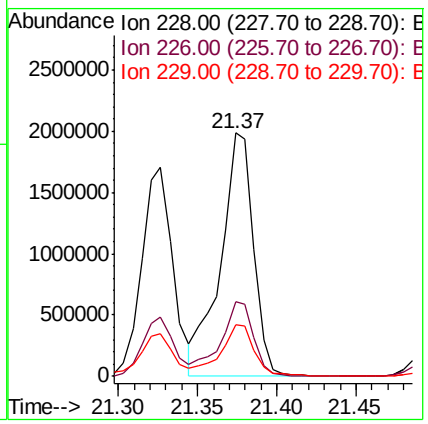




#84
Chrysene
Concen: 38.935 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:228 Resp: 2864315

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	21.2	15.4	23.2



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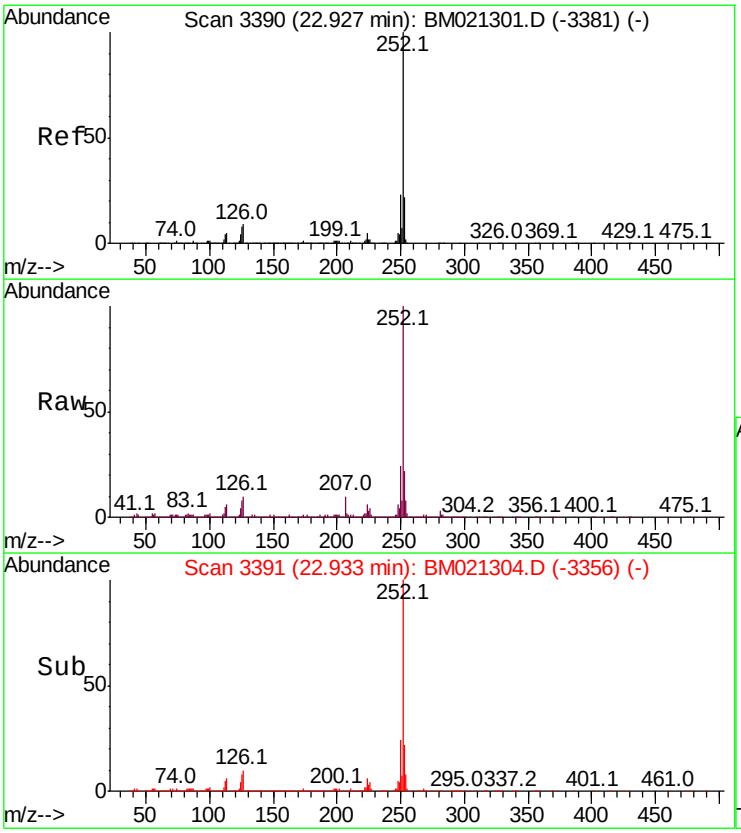
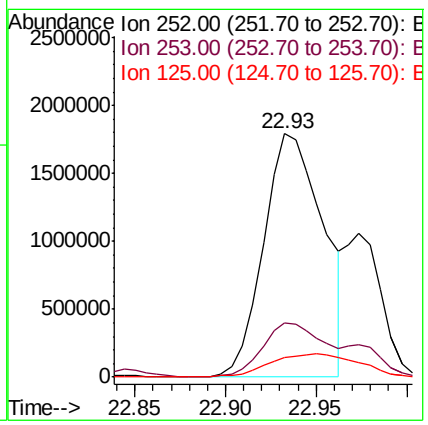
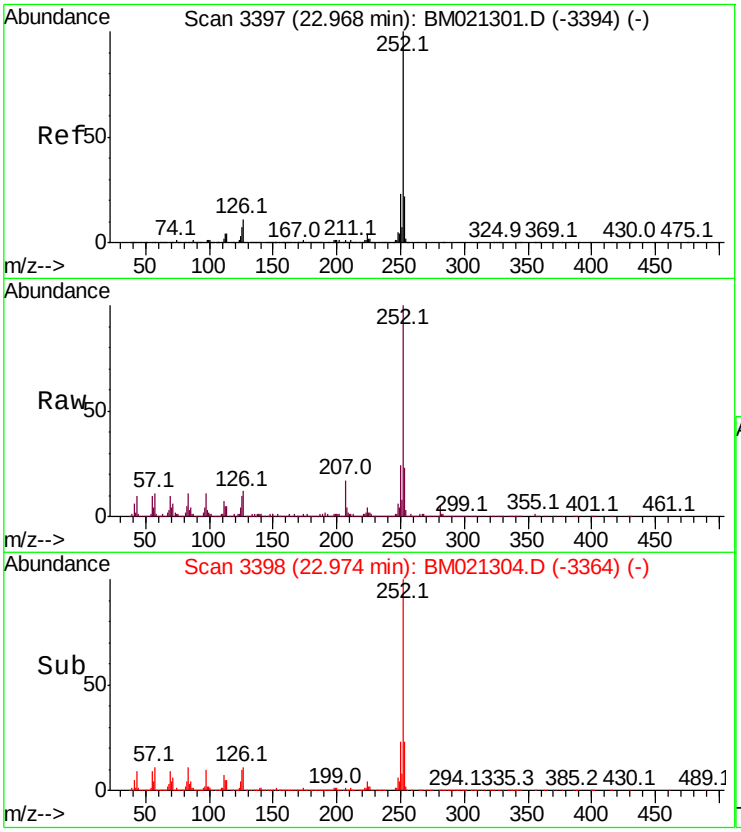


#87
Benzo(b)fluoranthene
Concen: 47.804 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:252 Resp: 4104612

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	7.9	6.3	9.5

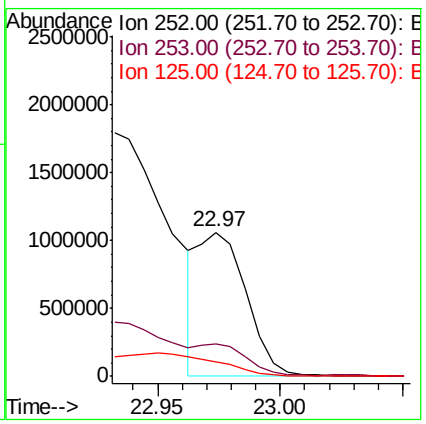




#88
Benzo(k)fluoranthene
Concen: 17.594 ng/ul m
RT: 22.97 min Scan# 3398
Delta R.T. -0.00 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:252 Resp: 1453295

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.2	6.6	9.8#



Instrument :
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ClientSampleId :
C5BB0DL

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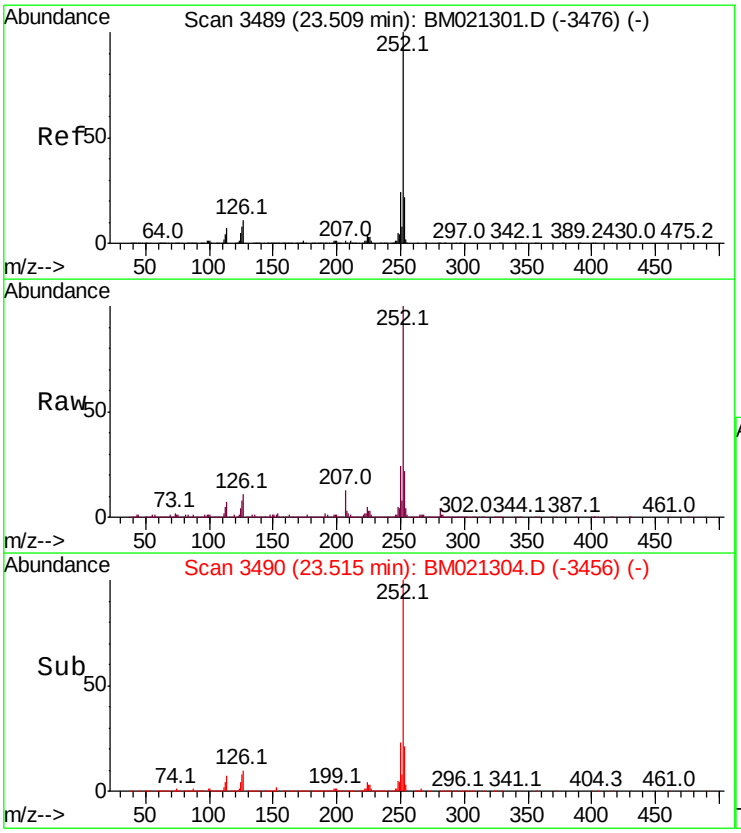
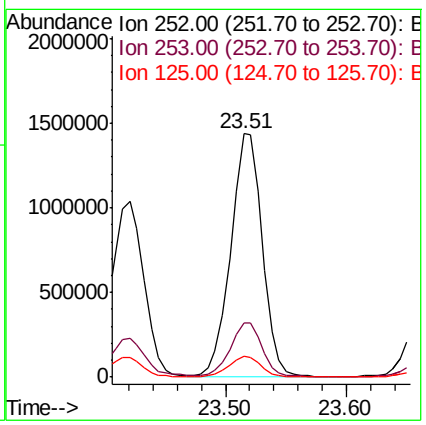
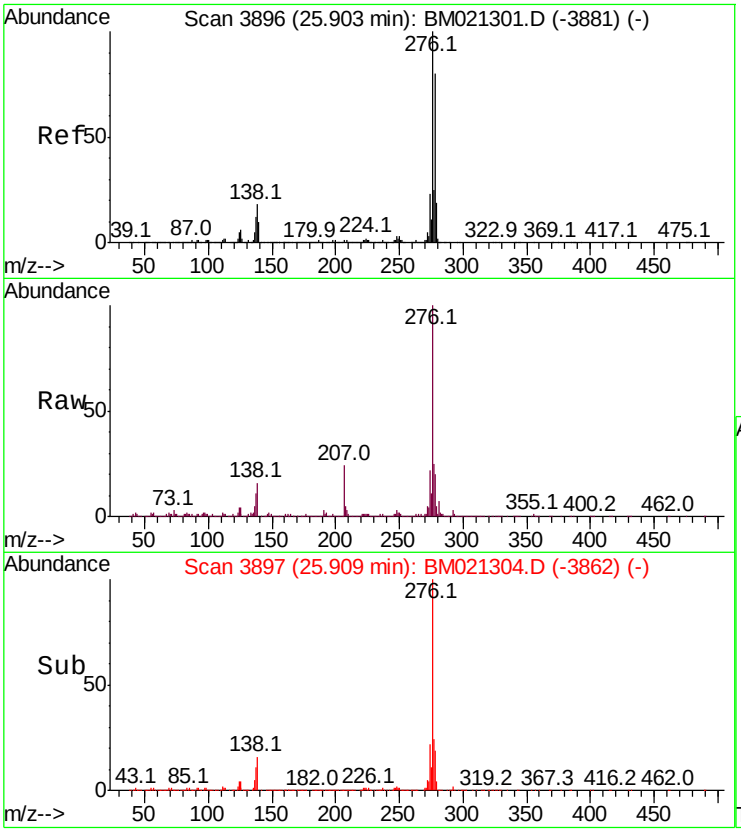


#90
Benzo(a)pyrene
Concen: 32.091 ng/ul
RT: 23.51 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:252 Resp: 2593447

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	8.5	7.2	10.8

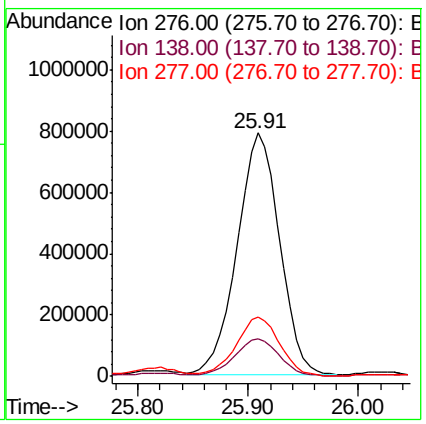




#91
Indeno(1,2,3-cd)pyrene
Concen: 22.407 ng/ul
RT: 25.91 min Scan# 3897
Delta R.T. 0.01 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

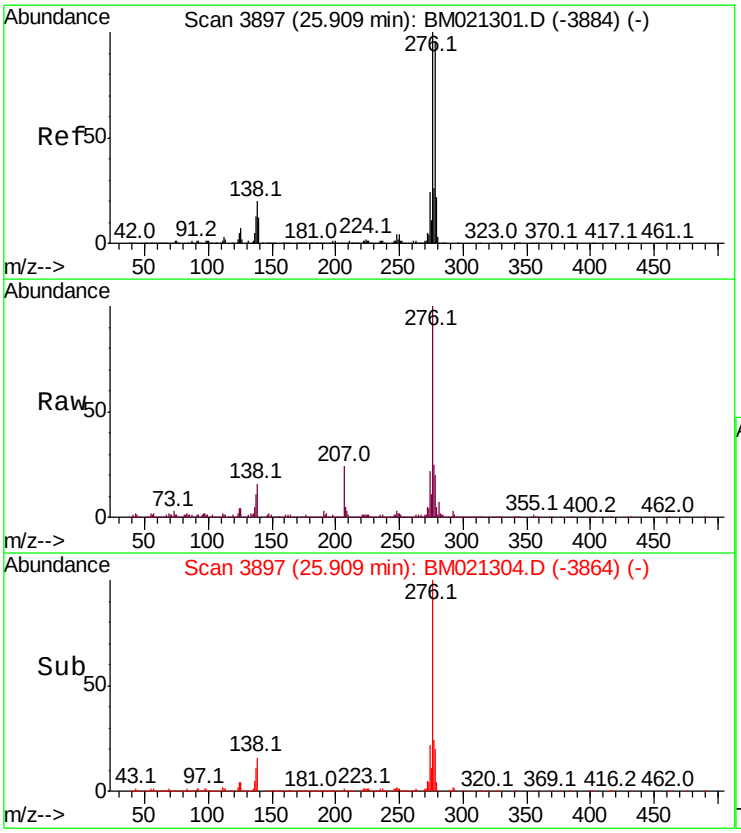
Tgt Ion:276 Resp: 2132400

Ion	Ratio	Lower	Upper
276	100		
138	15.7	15.9	23.9#
277	24.6	20.4	30.6



Instrument :
BNA_M
ClientSampleId :
C5BB0DL

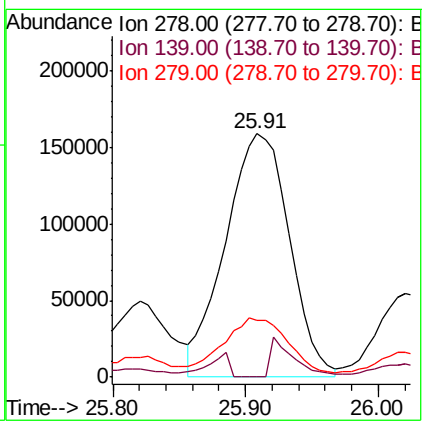
Manual Integrations APPROVED
mohammad
7/2/2019 8:32:13 AM

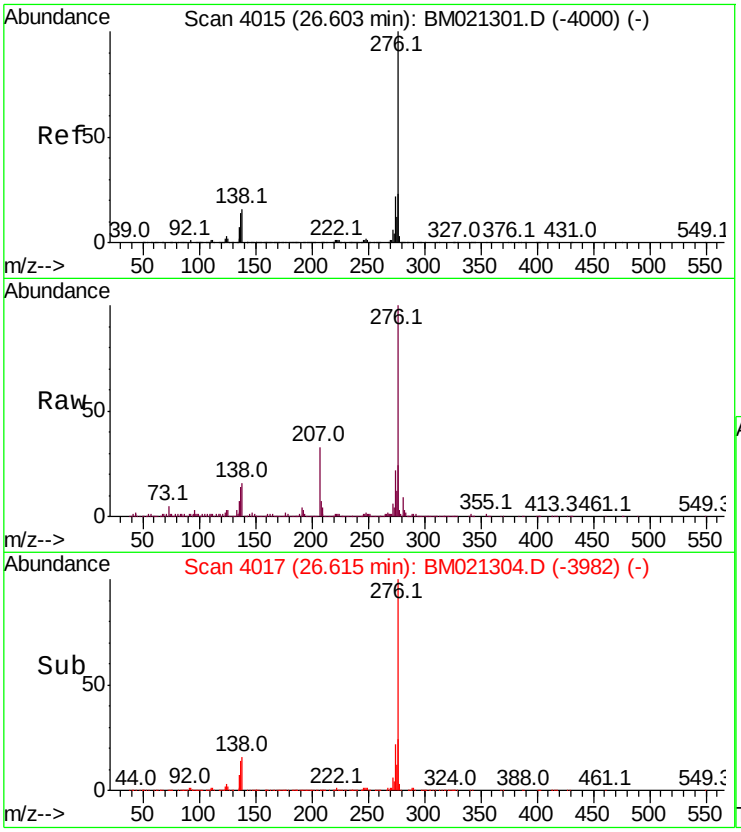


#92
Dibenzo(a,h)anthracene
Concen: 6.661 ng/ul m
RT: 25.91 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:278 Resp: 533283

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.6	15.8#
279	23.3	19.0	28.4

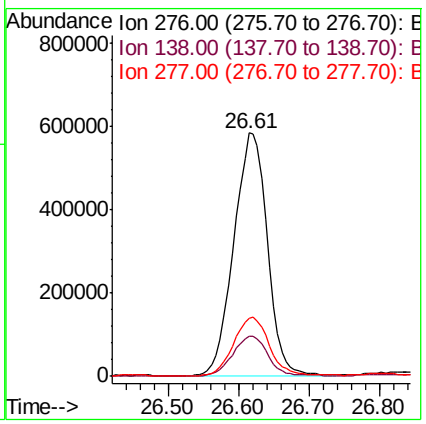




#93
Benzo(g,h,i)perylene
Concen: 24.480 ng/ul
RT: 26.61 min Scan# 4017
Delta R.T. 0.01 min
Lab File: BM021304.D
Acq: 01 Jul 2019 11:47

Tgt Ion:276 Resp: 1918724

Ion	Ratio	Lower	Upper
276	100		
138	16.4	14.6	21.8
277	24.0	18.9	28.3



Instrument :
BNA_M
ClientSampleId :
C5BB0DL

Manual Integrations APPROVED
mohammad
7/2/2019 8:32:13 AM