Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013321.D
Acq On : 12 Dec 2017 01:21
Operator : SJ/JU
Sample : I6758-08 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B09

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:12 PM

Quant Time: Dec 12 04:02:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	167611	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	756008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	463884	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1117270	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1393899	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1378706	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2059	0.61	ng/uL	0.00
5) Phenol-d5	6.87	99	44797	3.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	26684	3.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	34072	3.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	38250	3.09	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	19022	3.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	20837	3.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	38683	2.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	35795	2.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	140214	3.40	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	167962	3.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	19085m	2.66	ng/ul	0.01
57) Fluorene-d10	15.32	176	126348	3.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	14456	2.06	ng/ul	0.00
70) Anthracene-d10	17.17	188	202300	3.62	ng/ul	0.00
76) Pyrene-d10	19.47	212	227826	3.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	223028	3.18	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.05	152	458203	9.720	ng/ul	98
69) Phenanthrene	17.12	178	140202	2.209	ng/ul	97
71) Anthracene	17.21	178	436564	6.729	ng/ul	99
72) Carbazole	17.48	167	118383	2.121	ng/ul	97
74) Fluoranthene	19.14	202	1909358	24.546	ng/ul#	92
77) Pyrene	19.50	202	2195900	25.931	ng/ul#	92
80) Benzo(a)anthracene	21.26	228	2064843	23.348	ng/ul	94
82) Chrysene	21.31	228	3097763	37.755	ng/ul	98
85) Benzo(b)fluoranthene	22.84	252	5839314	62.828	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1479102m	16.911	ng/ul	
88) Benzo(a)pyrene	23.41	252	2612387	31.290	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.74	276	2130593	25.720	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.74	278	592598	8.401	ng/ul#	88
91) Benzo(g,h,i)perylene	26.43	276	1768823	27.070	ng/ul#	95

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013321.D
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Instrument :
BNA_M
ClientSampleId :
F9B09

Manual Integrations APPROVED
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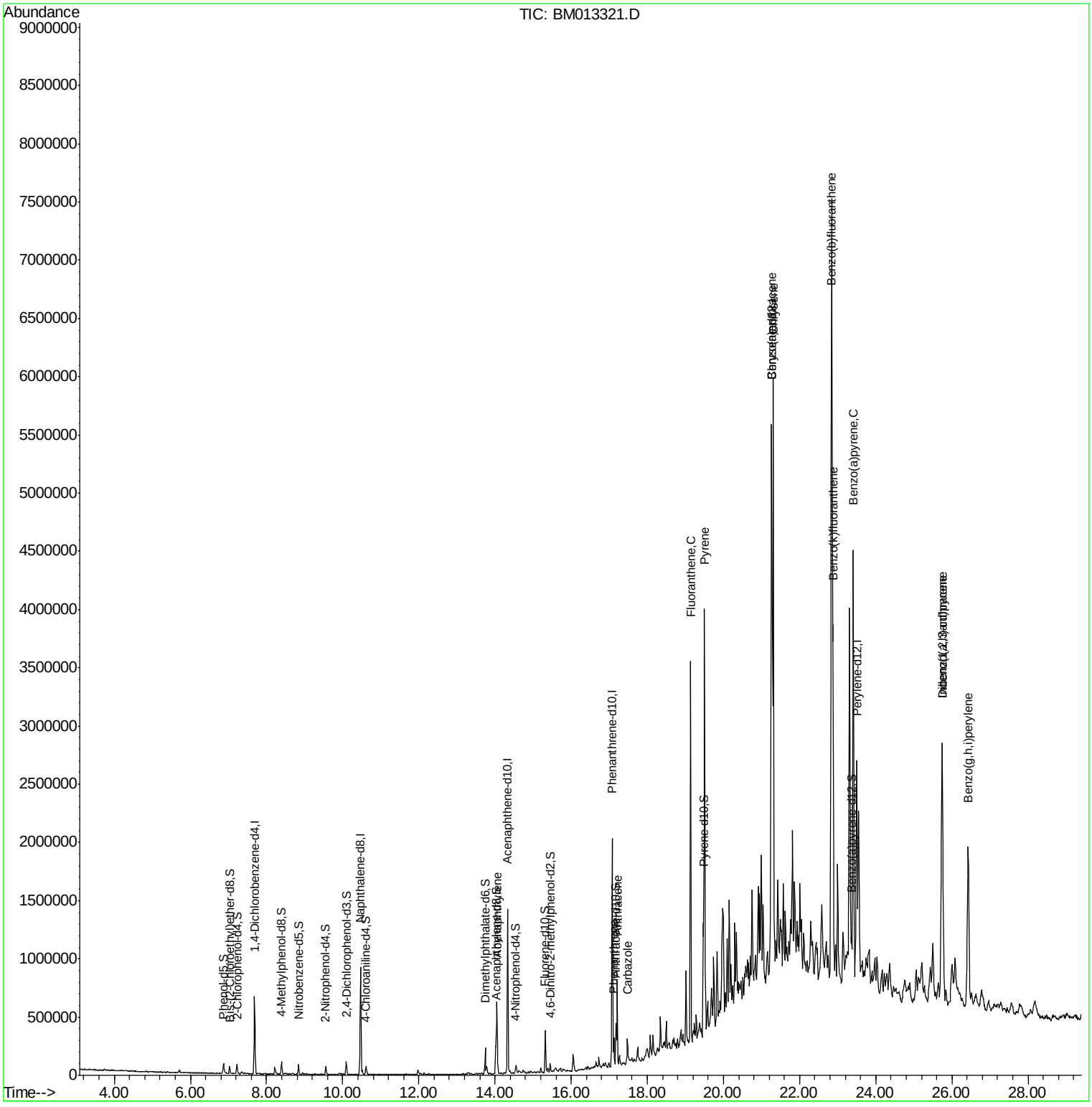
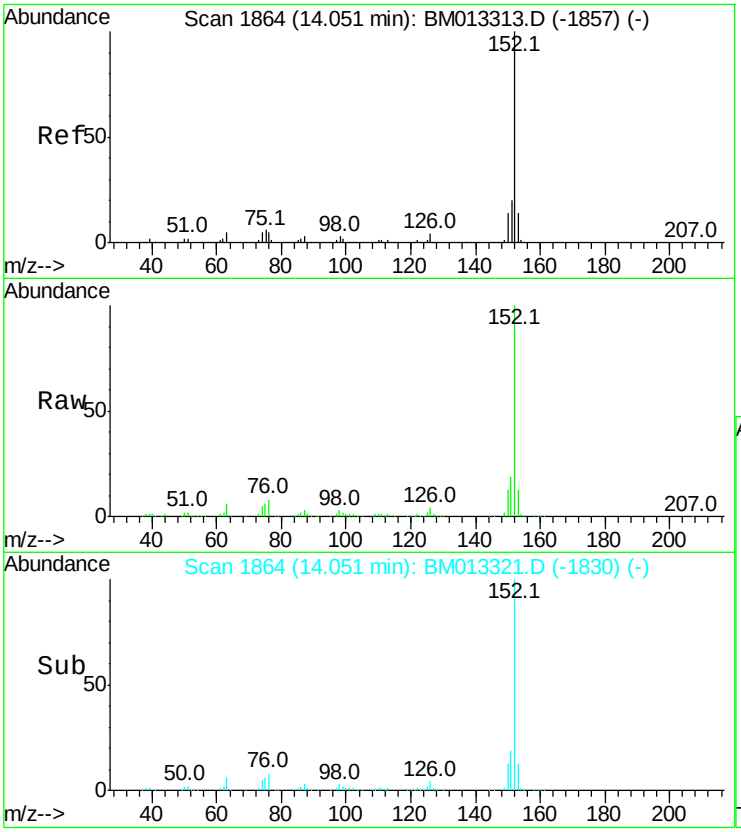
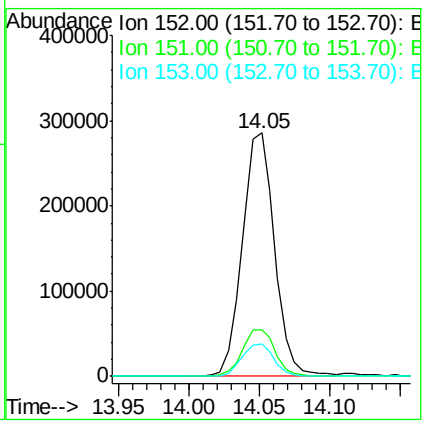




#47
Acenaphthylene
Concen: 9.720 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:152 Resp: 458203

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	13.2	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
F9B09

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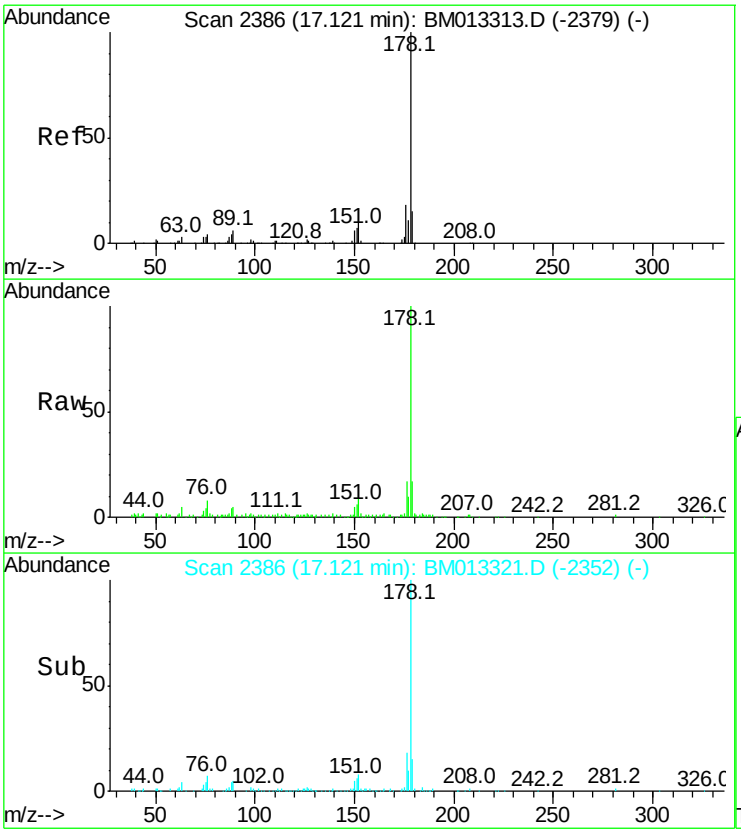
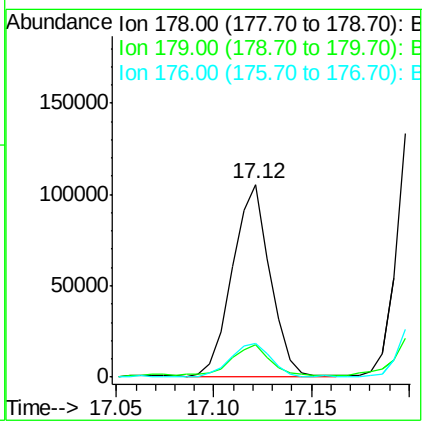
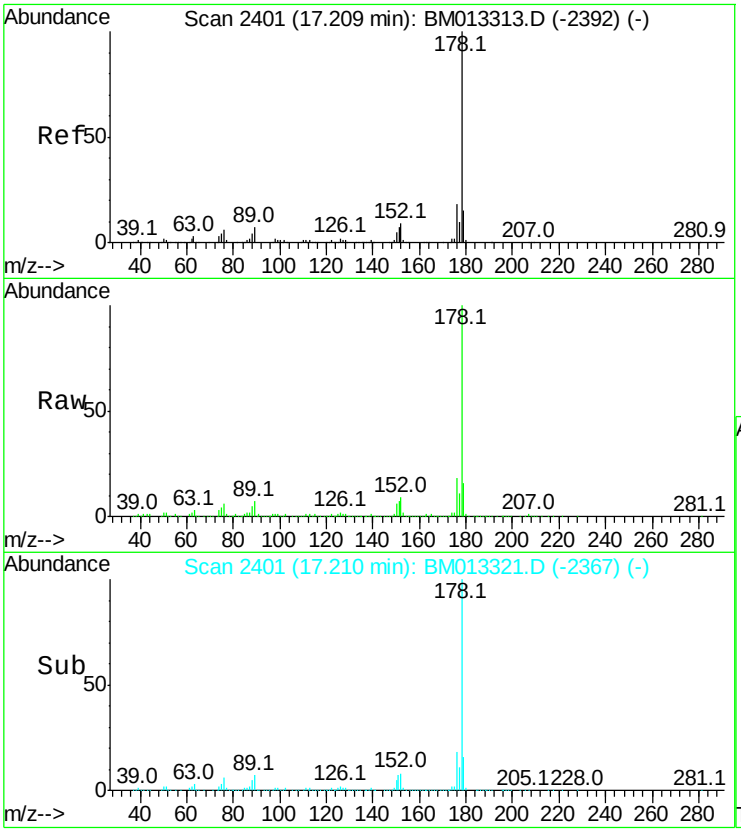


#69
Phenanthrene
Concen: 2.209 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:178 Resp: 140202

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	19.0
176	17.4	14.9	22.3

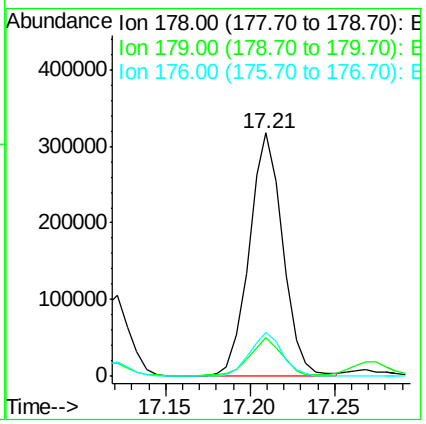




#71
Anthracene
Concen: 6.729 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:178 Resp: 436564

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	18.1	14.6	21.8



Instrument :
BNA_M
ClientSampleId :
F9B09

Manual Integrations APPROVED
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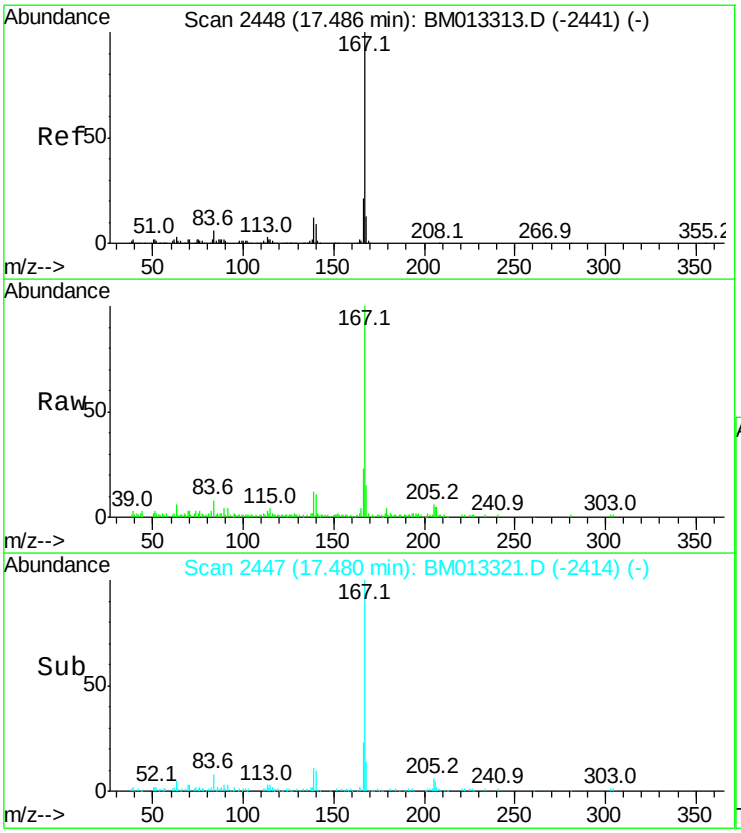
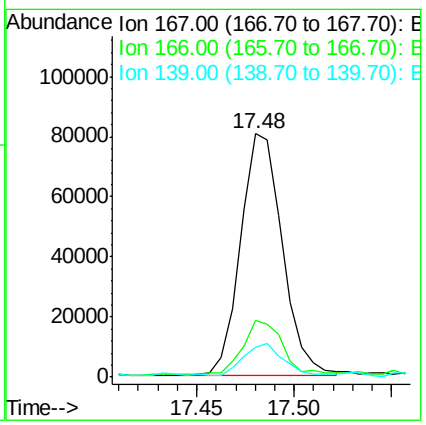
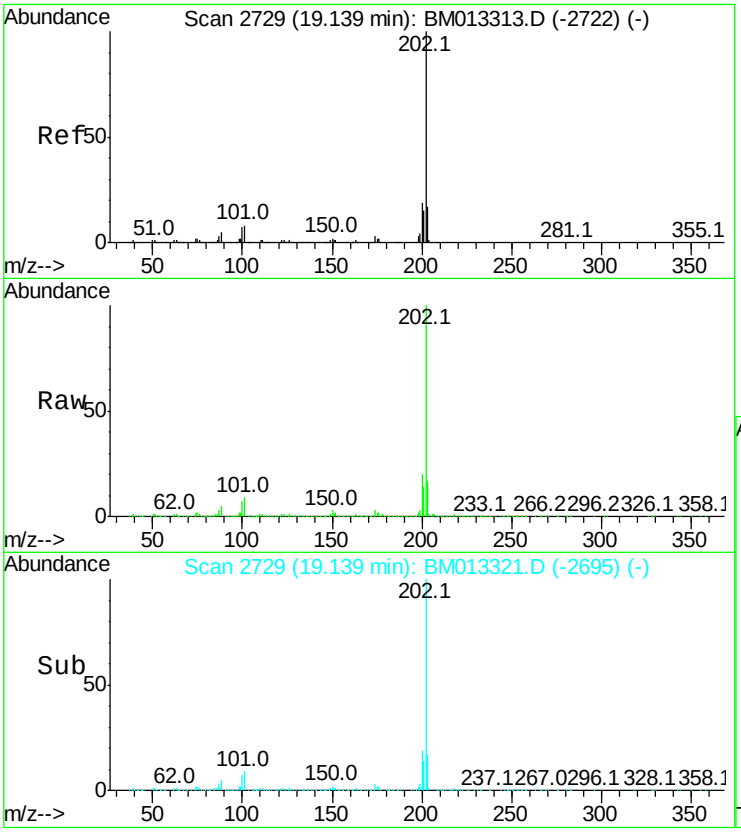


#72
Carbazole
Concen: 2.121 ng/ul
RT: 17.48 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:167 Resp: 118383

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.1	25.7
139	12.3	10.0	15.0

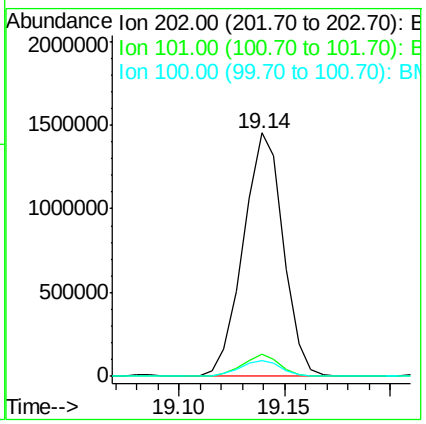




#74
Fluoranthene
Concen: 24.546 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:202 Resp: 1909358

Ion	Ratio	Lower	Upper
202	100		
101	8.9	4.6	7.0#
100	6.7	3.4	5.2#



Instrument :
BNA_M
ClientSampleId :
F9B09

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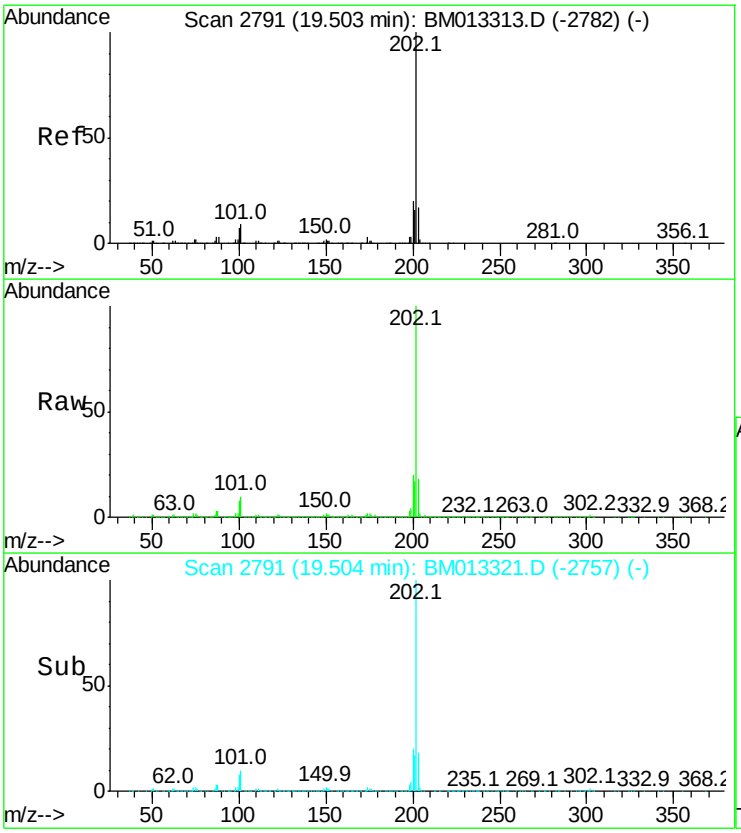
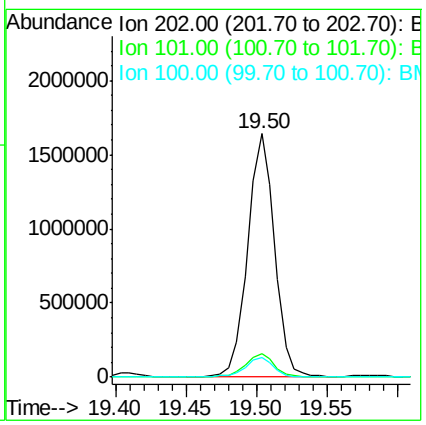
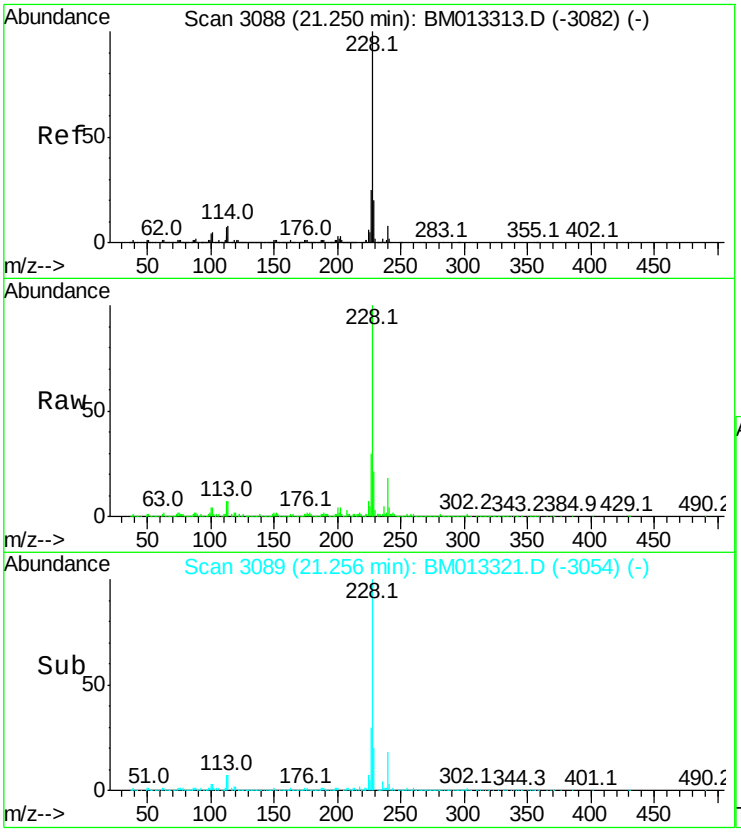


#77
Pyrene
Concen: 25.931 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:202 Resp: 2195900

Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.0	4.9	7.3#

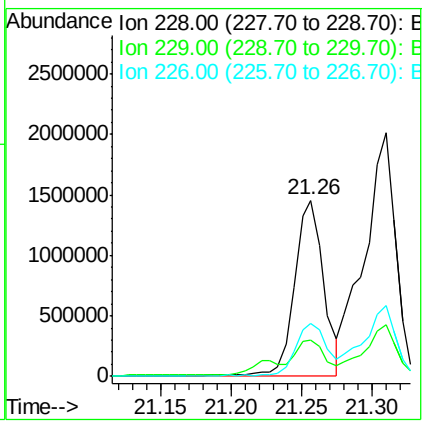




#80
Benzo(a)anthracene
Concen: 23.348 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:228 Resp: 2064843

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	30.2	21.4	32.0



Instrument :
BNA_M
ClientSampleId :
F9B09

Manual Integrations APPROVED
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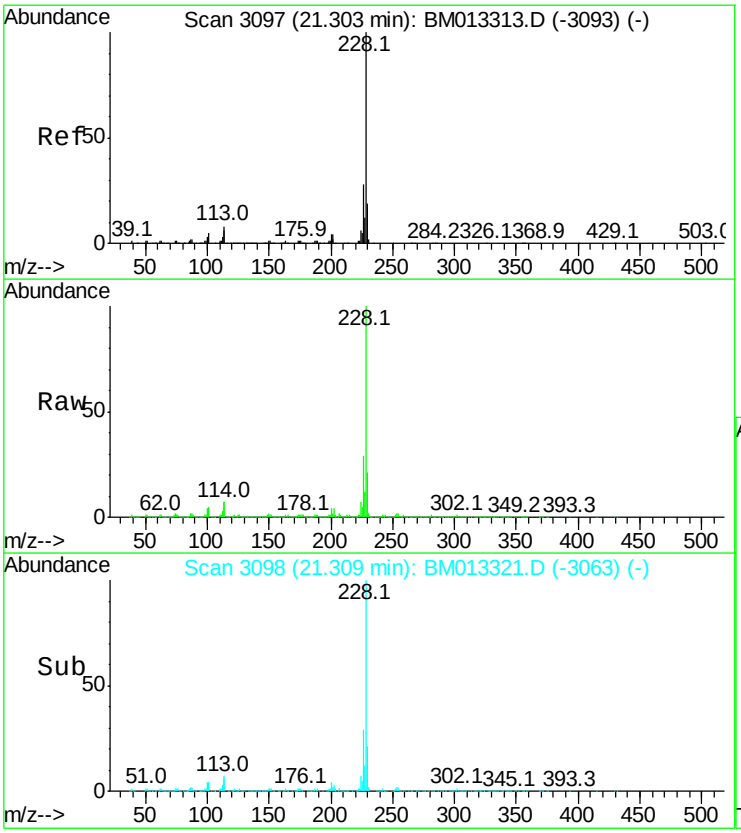
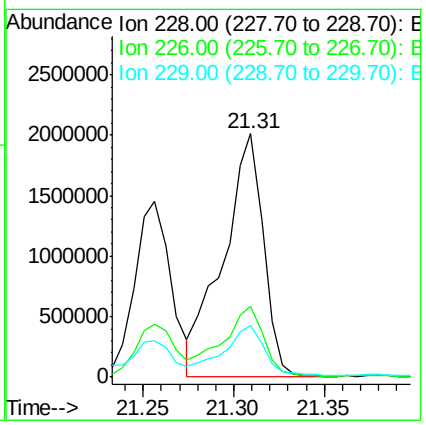
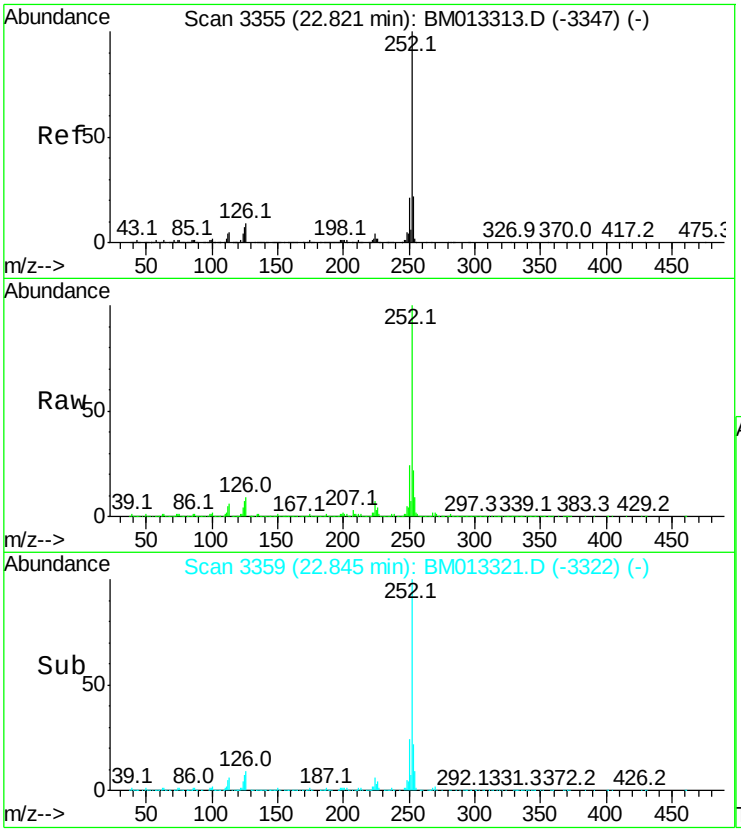


#82
Chrysene
Concen: 37.755 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:228 Resp: 3097763

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	21.0	15.5	23.3

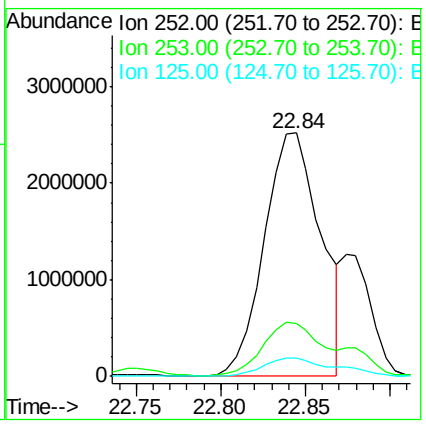




#85
Benzo(b)fluoranthene
Concen: 62.828 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.02 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:252 Resp: 5839314

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.3	3.6	5.4#



Instrument :
BNA_M
ClientSampleId :
F9B09

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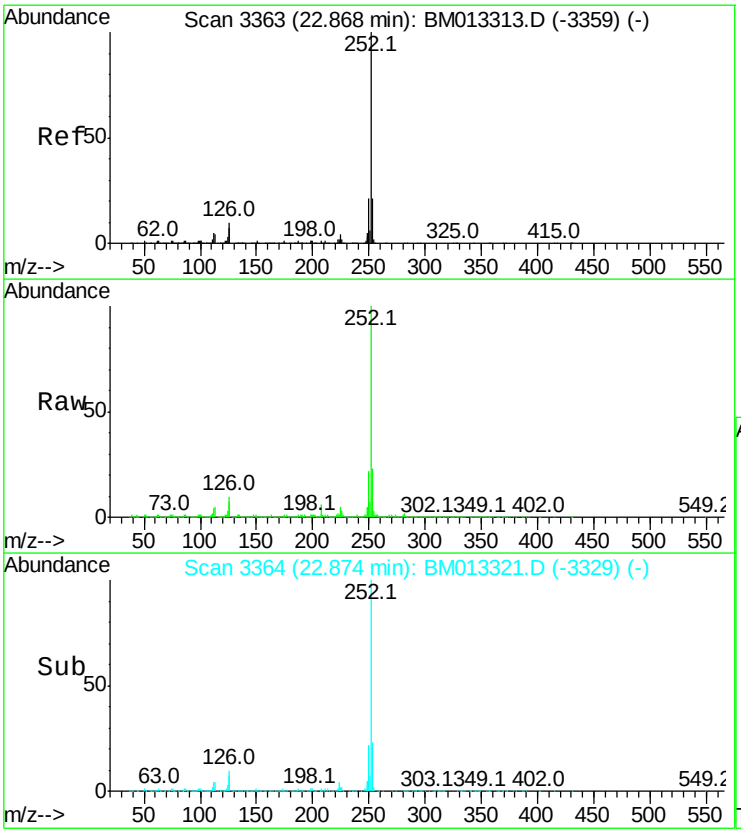
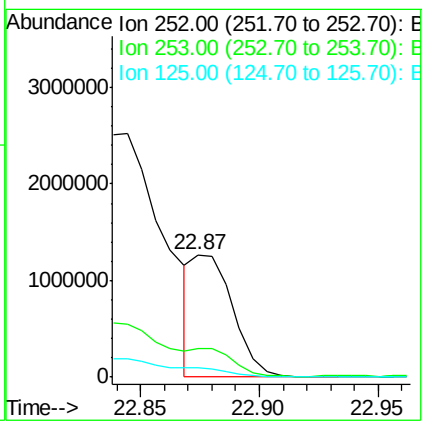
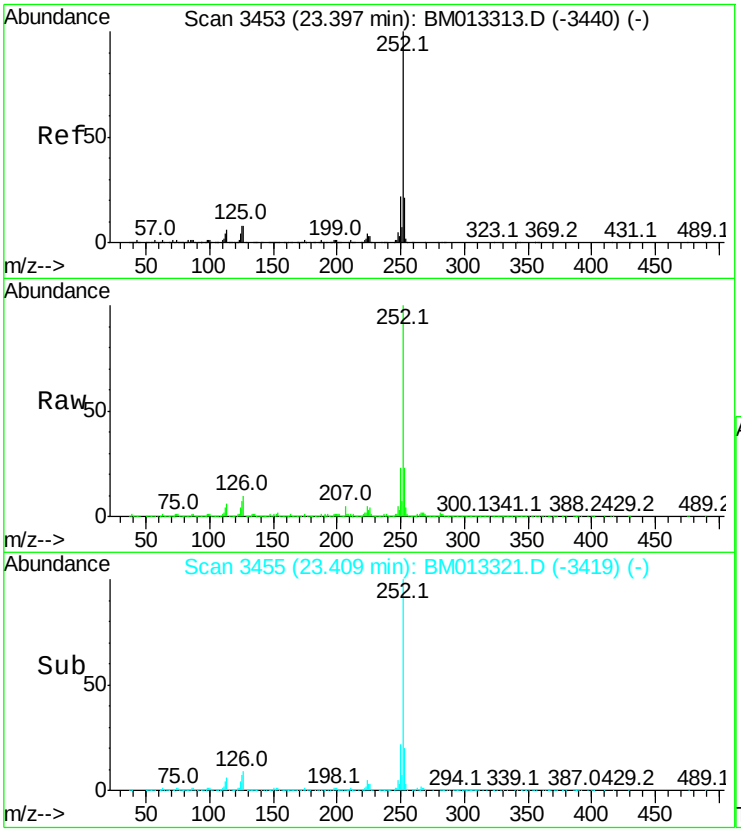


#86
Benzo(k)fluoranthene
Concen: 16.911 ng/ul m
RT: 22.87 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:252 Resp: 1479102

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	7.5	3.4	5.2#

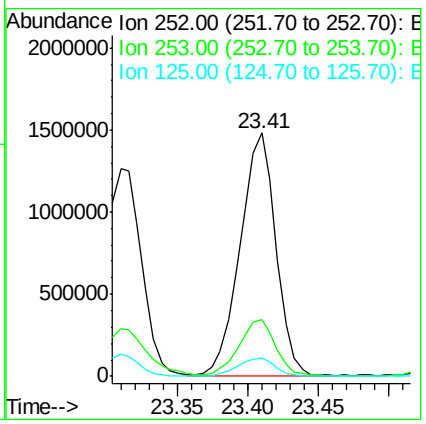




#88
Benzo(a)pyrene
Concen: 31.290 ng/ul
RT: 23.41 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

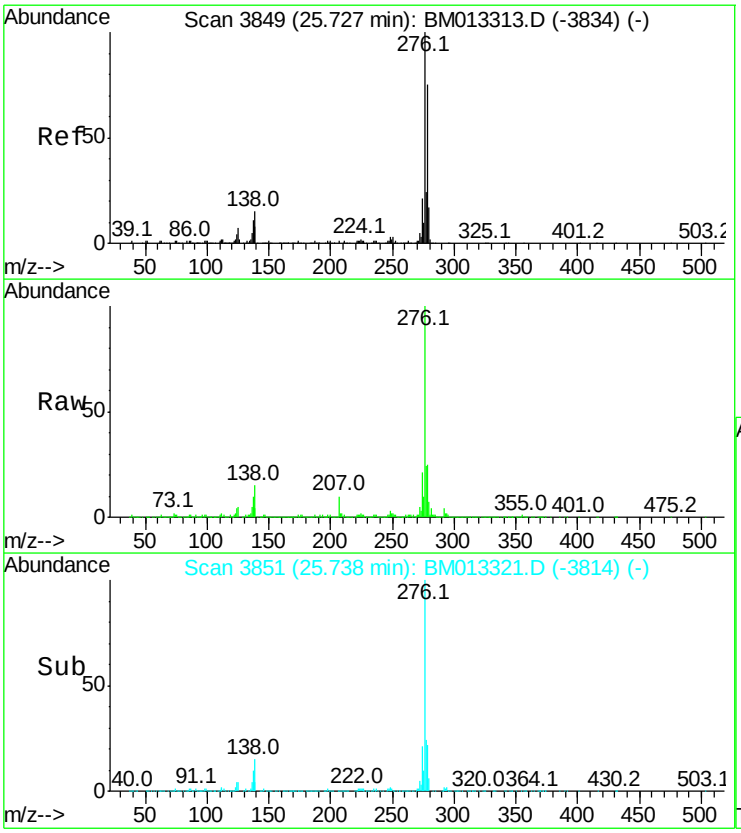
Tgt Ion:252 Resp: 2612387

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	7.5	4.0	6.0#



Instrument :
BNA_M
ClientSampleId :
F9B09

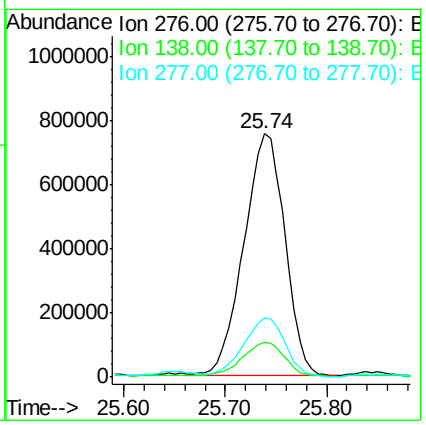
Manual Integrations APPROVED
Sohil
12/12/2017 3:57:12 PM

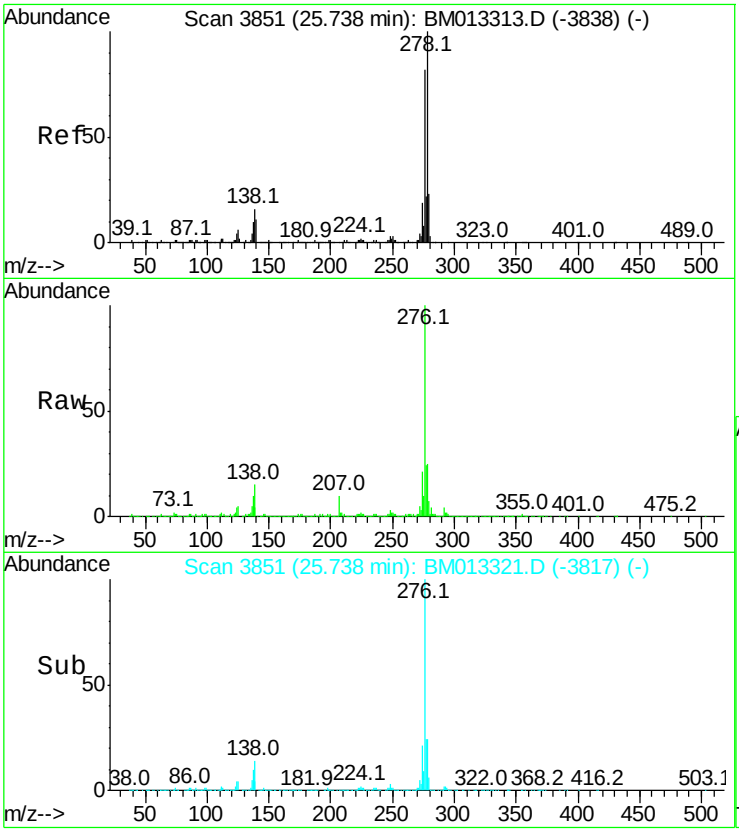


#89
Indeno(1,2,3-cd)pyrene
Concen: 25.720 ng/ul
RT: 25.74 min Scan# 3851
Delta R.T. 0.02 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:276 Resp: 2130593

Ion	Ratio	Lower	Upper
276	100		
138	14.6	9.3	13.9#
277	24.1	19.9	29.9





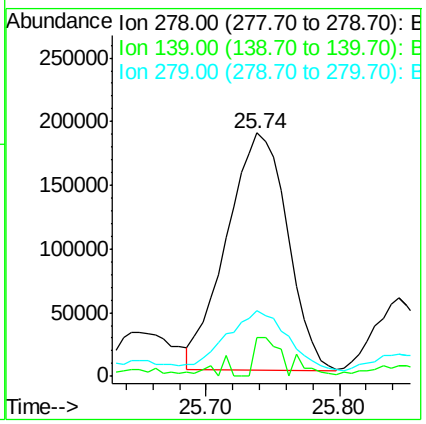
#90
Dibenzo(a,h)anthracene
Concen: 8.401 ng/ul
RT: 25.74 min Scan# 3851
Delta R.T. -0.00 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

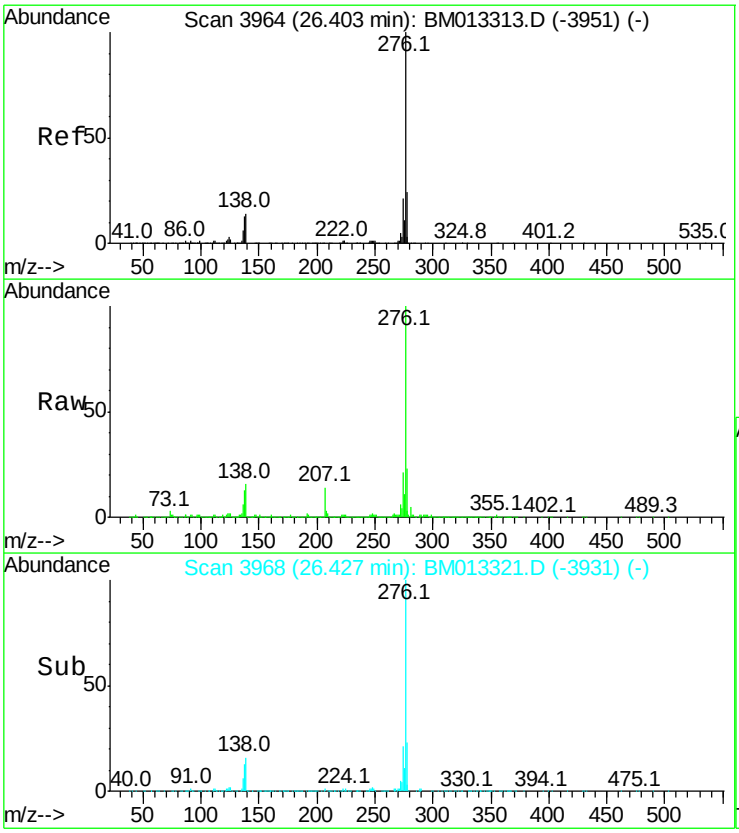
Tgt Ion:278 Resp: 592598

Ion	Ratio	Lower	Upper
278	100		
139	16.0	5.8	8.8#
279	27.0	18.6	27.8

Instrument :
BNA_M
ClientSampleId :
F9B09

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:12 PM





#91
Benzo(g,h,i)perylene
Concen: 27.070 ng/ul
RT: 26.43 min Scan# 3968
Delta R.T. 0.02 min
Lab File: BM013321.D
Acq: 12 Dec 2017 01:21

Tgt Ion:276 Resp: 1768823

Ion	Ratio	Lower	Upper
276	100		
138	16.2	8.5	12.7#
277	23.3	18.6	28.0