Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018123.D
Acq On : 13 Dec 2018 10:07
Operator : JU/SJ
Sample : J6171-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y26

Manual Integrations APPROVED
Sohil
12/13/2018 6:17:10 PM

Quant Time: Dec 13 11:20:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 06:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	164620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	722820	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	390727	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	871853	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	678367	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	639253	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	9923	2.76	ng/uL	0.00
5) Phenol-d5	6.75	99	287869	19.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	152650	16.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	244074	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	224155	18.25	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	117597	21.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	127700	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	227139	18.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	66691m	6.42	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	668642	19.72	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	875902	21.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	98454m	15.97	ng/ul	0.02
57) Fluorene-d10	15.20	176	601704	20.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	9525	1.53	ng/ul	0.01
70) Anthracene-d10	17.06	188	934060	21.52	ng/ul	0.00
78) Pyrene-d10	19.37	212	841473	25.64	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.23	264	738460	21.30	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	6.78	94	77641	5.174	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	32754	1.165	ng/ul	91
44) Dimethylphthalate	13.67	163	257053	7.826	ng/ul	99
69) Phenanthrene	17.00	178	286427	5.745	ng/ul	98
79) Pyrene	19.40	202	201690	4.898	ng/ul	96
82) Benzo(a)anthracene	21.16	228	60251	1.432	ng/ul#	47
84) Chrysene	21.21	228	116656	2.965	ng/ul#	74
93) Benzo(g,h,i)perylene	26.21	276	341811	10.593	ng/ul#	91

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

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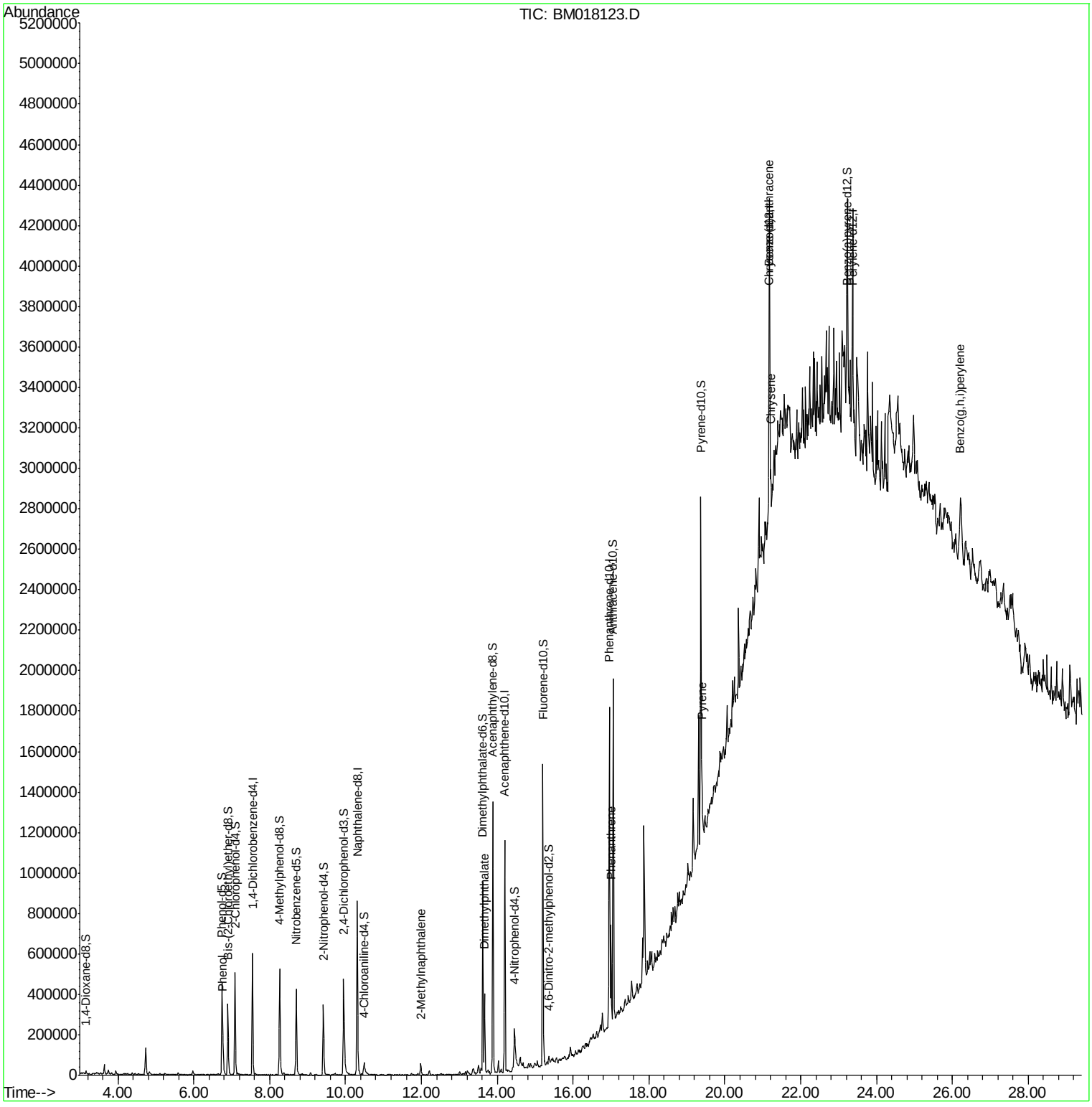
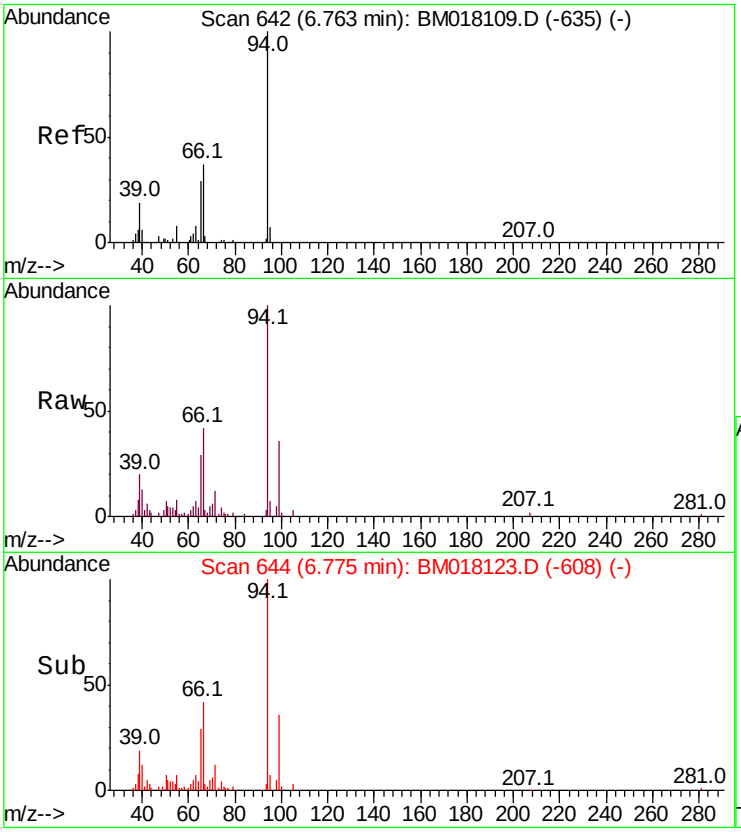
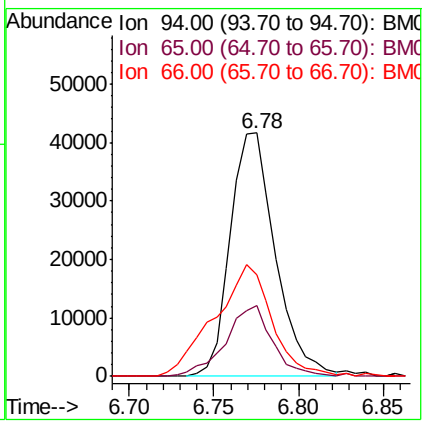




#6
Phenol
Concen: 5.174 ng/ul
RT: 6.78 min Scan# 644
Delta R.T. 0.01 min
Lab File: BM018123.D
Acq: 13 Dec 2018 10:07

Tgt Ion: 94 Resp: 77641

Ion	Ratio	Lower	Upper
94	100		
65	28.8	24.7	37.1
66	41.6	34.6	51.8



Instrument :
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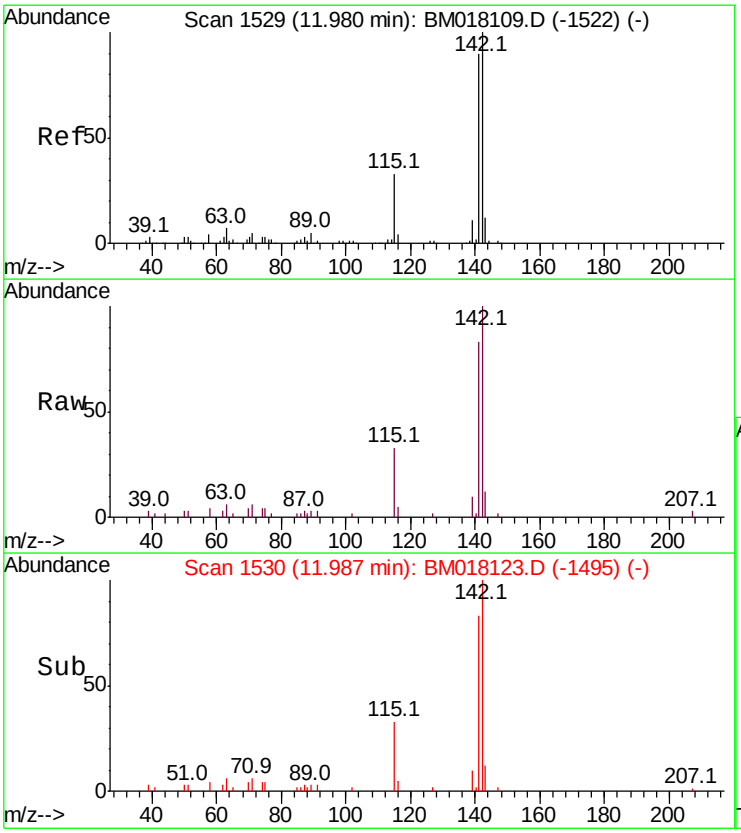
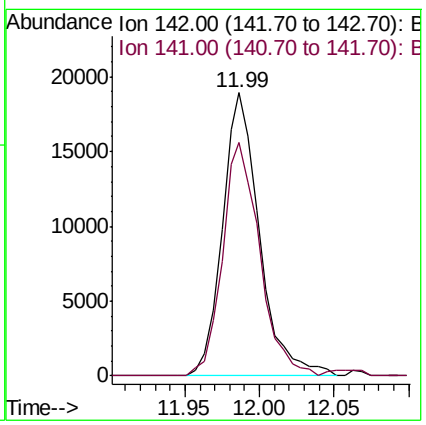
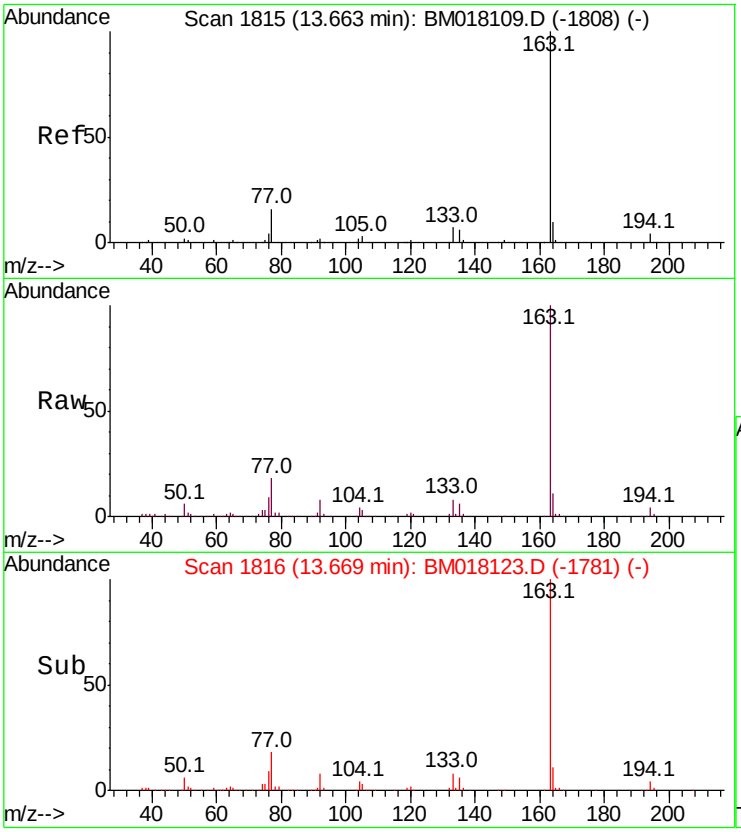


#34
2-Methylnaphthalene
Concen: 1.165 ng/ul
RT: 11.99 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BM018123.D
Acq: 13 Dec 2018 10:07

Tgt Ion:142 Resp: 32754

Ion	Ratio	Lower	Upper
142	100		
141	82.6	72.6	108.8

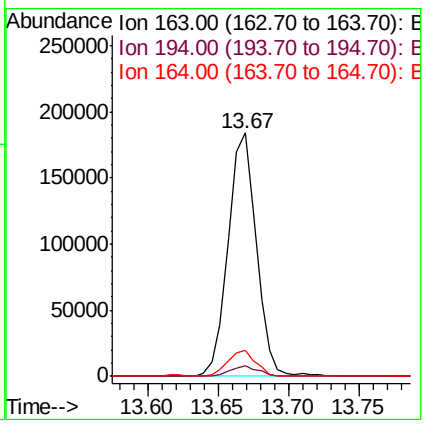




#44
Dimethylphthalate
Concen: 7.826 ng/ul
RT: 13.67 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BM018123.D
Acq: 13 Dec 2018 10:07

Tgt Ion:163 Resp: 257053

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.6	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
F9Y26

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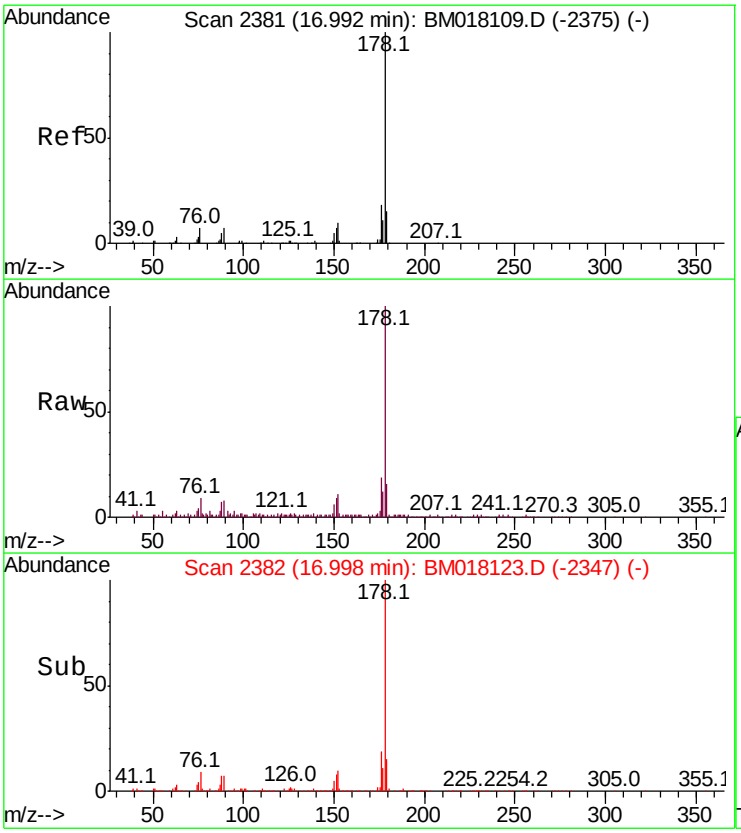
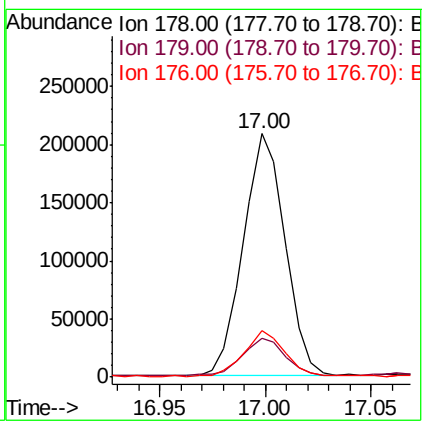
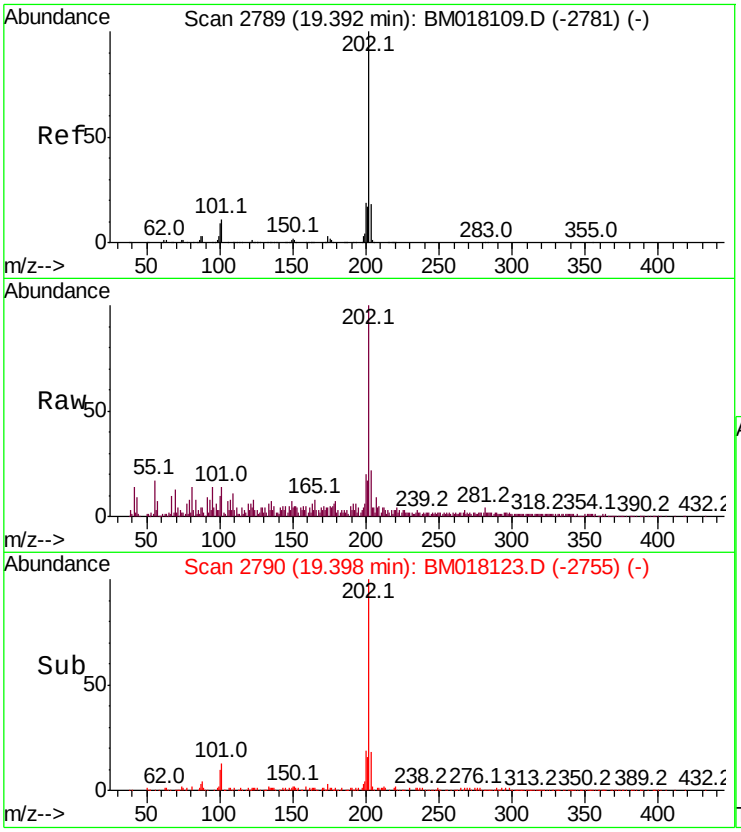


#69
Phenanthrene
Concen: 5.745 ng/ul
RT: 17.00 min Scan# 2382
Delta R.T. 0.01 min
Lab File: BM018123.D
Acq: 13 Dec 2018 10:07

Tgt Ion:178 Resp: 286427

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	19.2	15.0	22.6

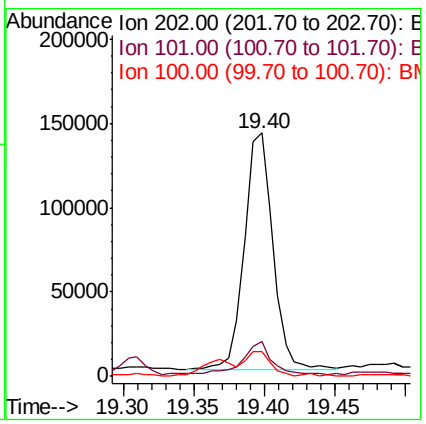




#79
Pyrene
Concen: 4.898 ng/ul
RT: 19.40 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM018123.D
Acq: 13 Dec 2018 10:07

Tgt Ion:202 Resp: 201690

Ion	Ratio	Lower	Upper
202	100		
101	14.2	9.6	14.4
100	10.2	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
F9Y26

Manual Integrations APPROVED
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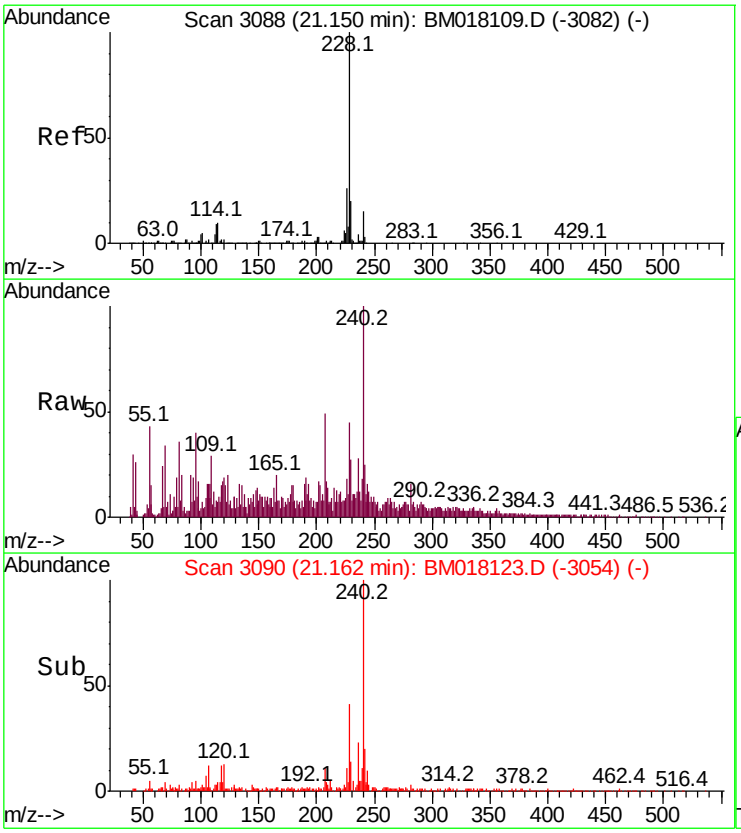
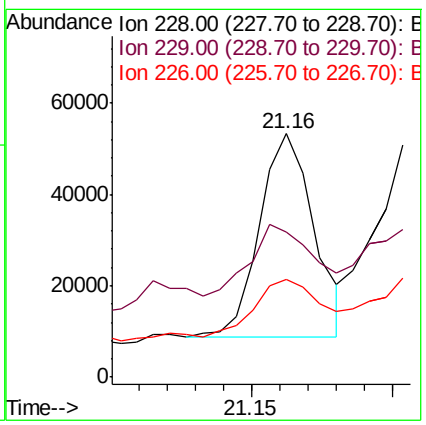
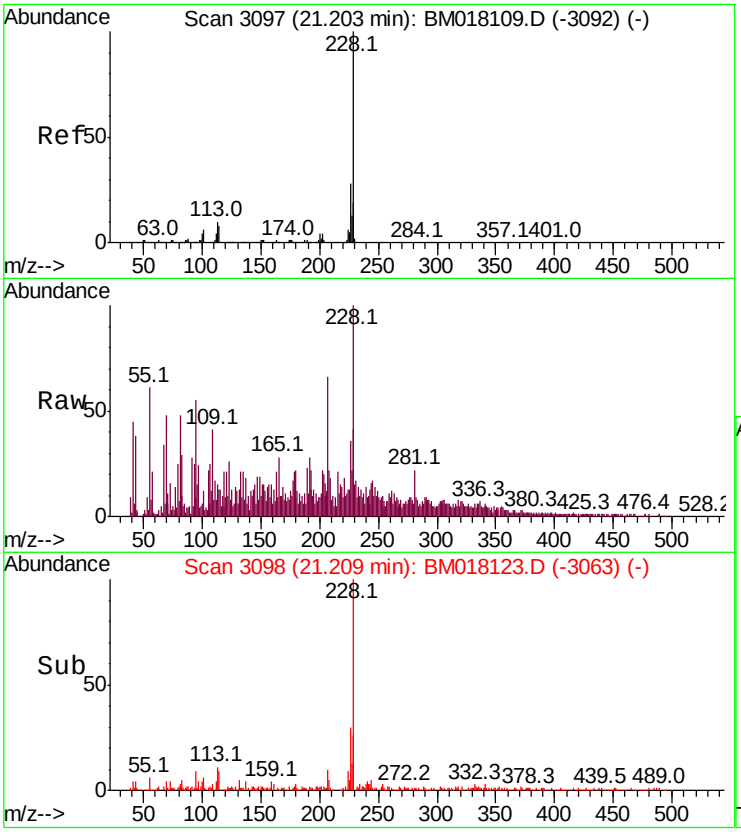


#82
Benzo(a)anthracene
Concen: 1.432 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM018123.D
Acq: 13 Dec 2018 10:07

Tgt Ion:228 Resp: 60251

Ion	Ratio	Lower	Upper
228	100		
229	59.7	16.0	24.0#
226	40.4	21.0	31.6#





#84
Chrysene
Concen: 2.965 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BM018123.D
Acq: 13 Dec 2018 10:07

Tgt Ion:228 Resp: 116656

Ion	Ratio	Lower	Upper
228	100		
226	36.4	23.7	35.5#
229	41.4	15.8	23.8#

Instrument :
BNA_M
ClientSampleId :
F9Y26

Manual Integrations APPROVED
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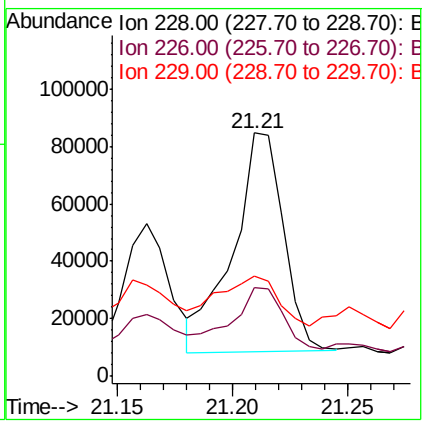

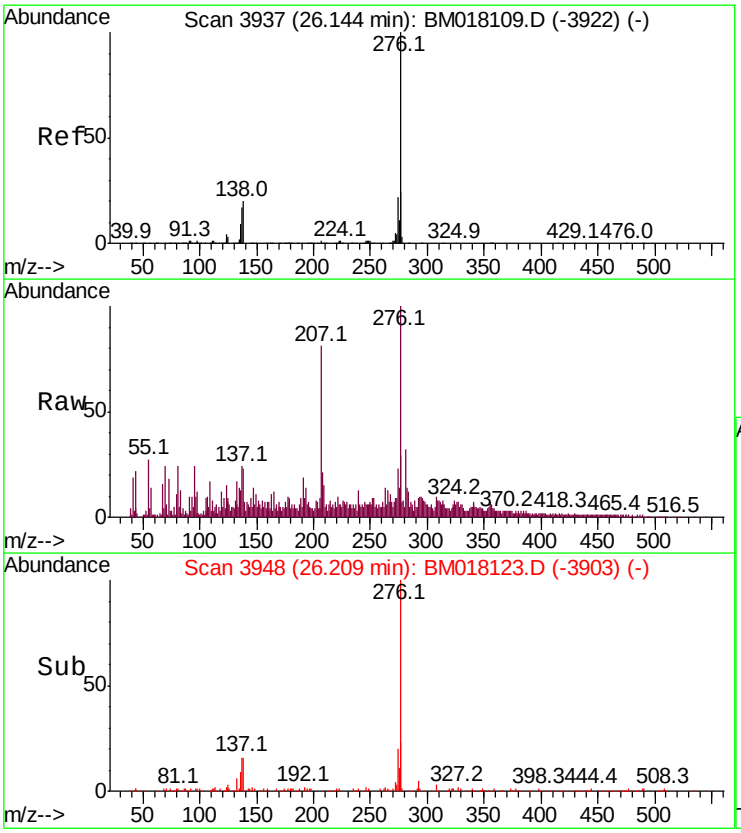

#93
Benzo(g,h,i)perylene
Concen: 10.593 ng/ul
RT: 26.21 min Scan# 3948
Delta R.T. 0.06 min
Lab File: BM018123.D
Acq: 13 Dec 2018 10:07

Tgt Ion:276 Resp: 341811

Ion	Ratio	Lower	Upper
276	100		
138	23.0	15.8	23.6
277	28.7	18.6	27.8#