Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031618\
Data File : BM014621.D
Acq On : 17 Mar 2018 00:33
Operator : SJ/JU
Sample : J1918-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE8J4

Manual Integrations APPROVED
Sohil
3/19/2018 2:25:40 PM

Quant Time: Mar 26 08:57:17 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 03:22:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	89800	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	339611	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	160974	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	317670	20.00	ng/ul	0.00
18) Chrysene-d12	21.12	240	278254	20.00	ng/ul	0.00
23) Perylene-d12	23.28	264	268570	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.89	165	81246m	15.48	ng/ul	0.01
7) Acenaphthylene-d8	13.81	160	309657	18.00	ng/ul	0.00
10) Fluorene-d10	15.13	176	192069	17.04	ng/ul	0.00
15) Anthracene-d10	16.99	188	271203m	17.83	ng/ul	0.00
19) Pyrene-d10	19.30	212	283529	16.95	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	226147	17.41	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.27	128	57519	3.335	ng/ul#	94
5) 2-Methylnaphthalene	11.90	142	68877m	5.707	ng/ul	
14) Phenanthrene	16.93	178	54495	3.063	ng/ul	96
22) Chrysene	21.15	228	23664m	1.463	ng/ul	

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

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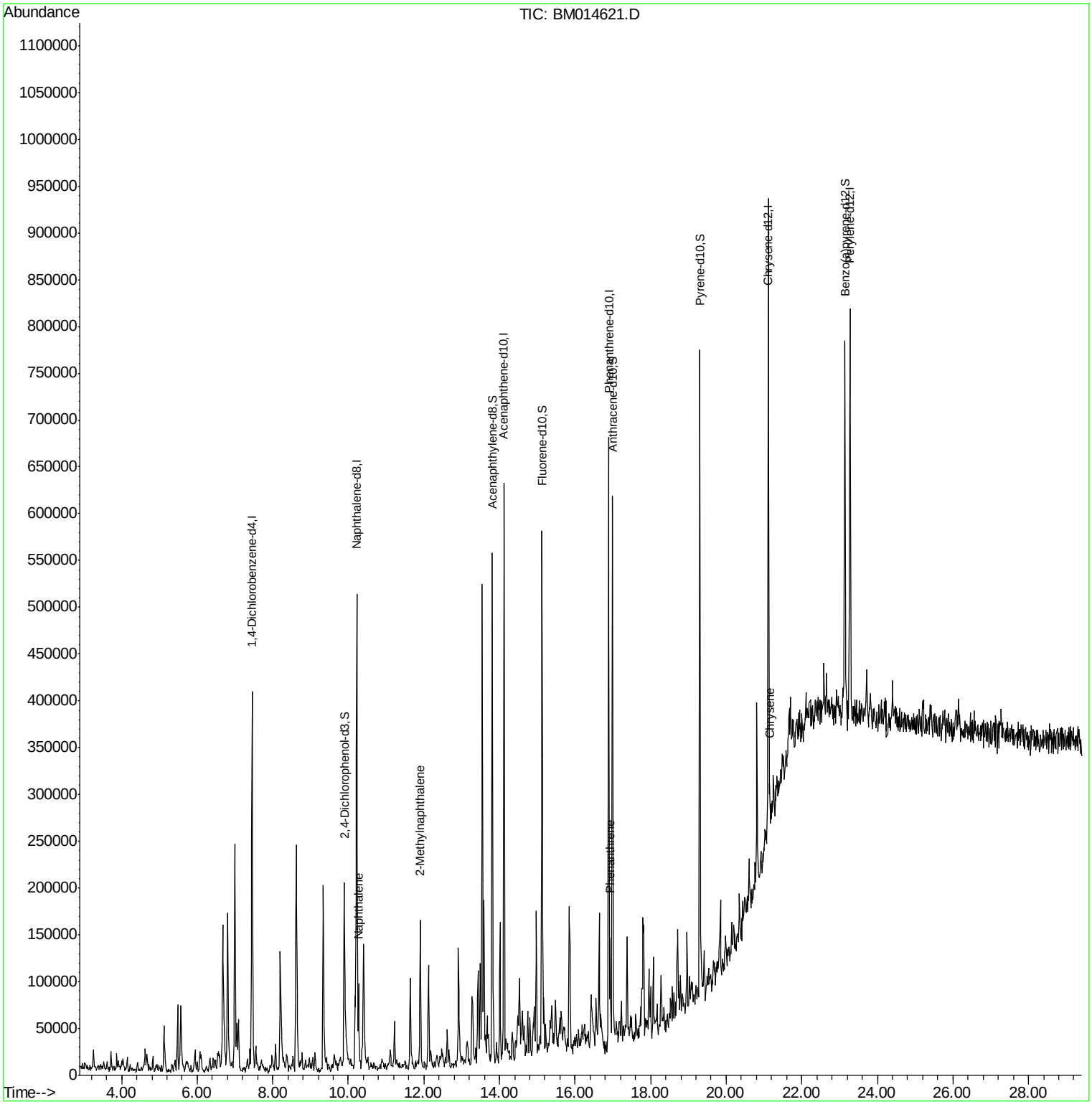
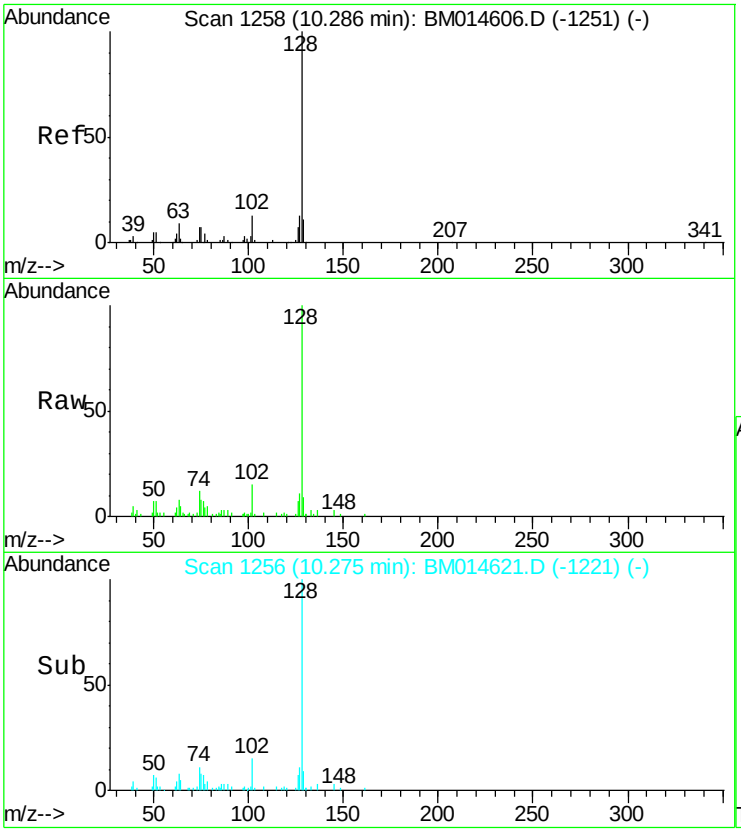




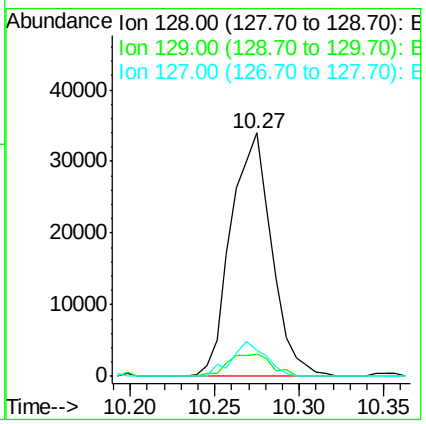
#4
Naphthalene
Concen: 3.335 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

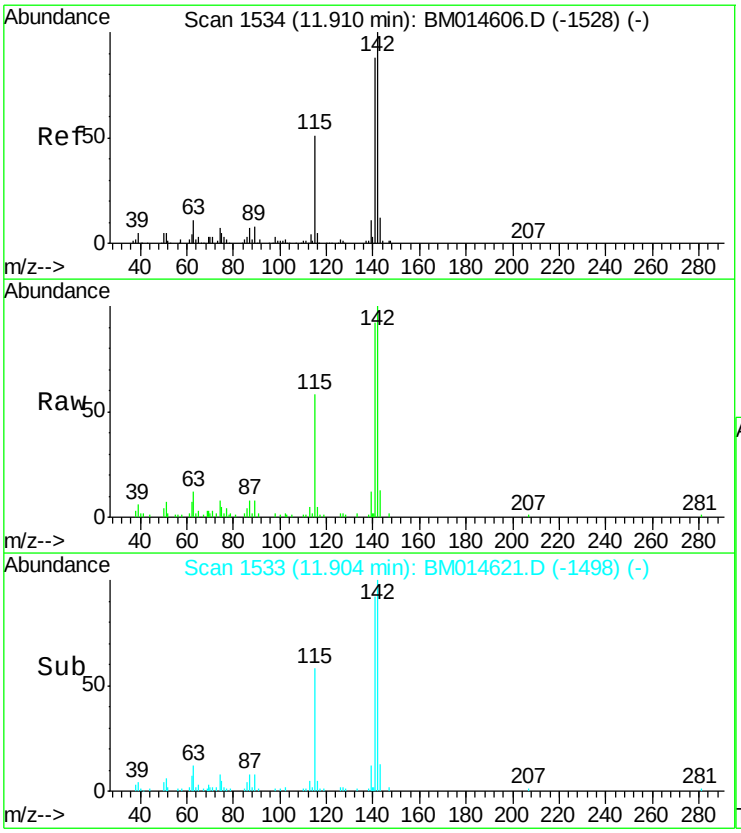
Tgt Ion:128 Resp: 57519

Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.8	13.2
127	10.6	10.6	16.0#

Instrument :
BNA_M
ClientSampleId :
BE8J4

Manual Integrations APPROVED
Sohil
3/19/2018 2:25:40 PM

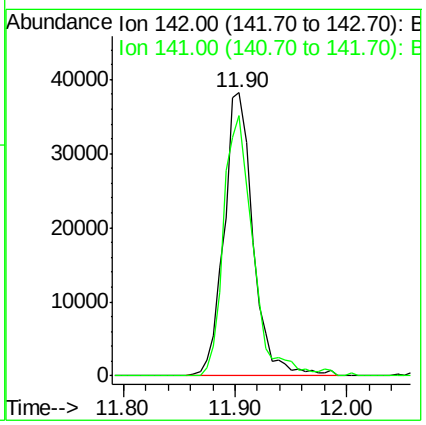


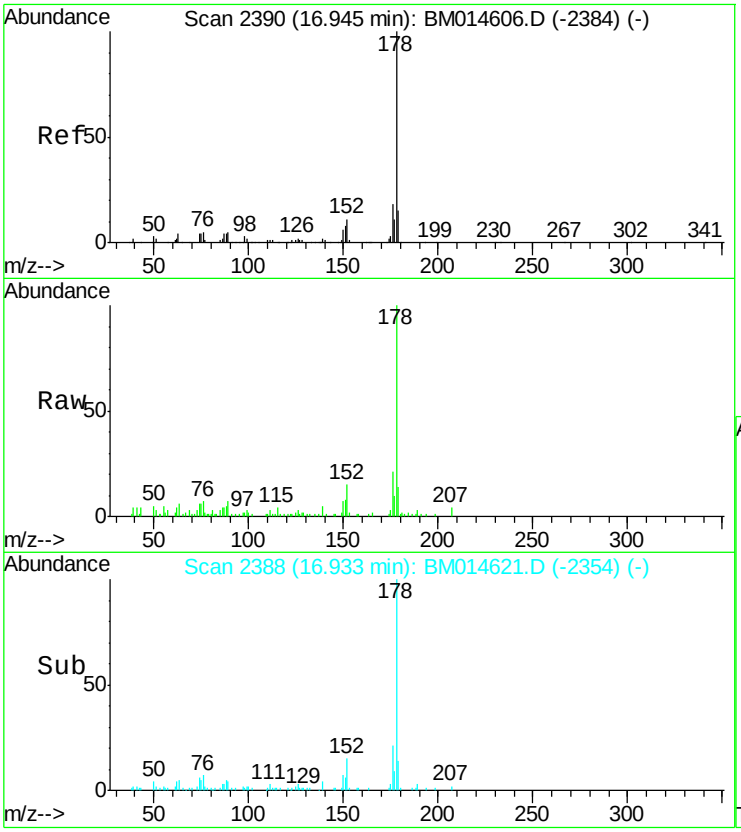


#5
2-Methylnaphthalene
Concen: 5.707 ng/ul m
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Tgt Ion:142 Resp: 68877

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.1	111.1

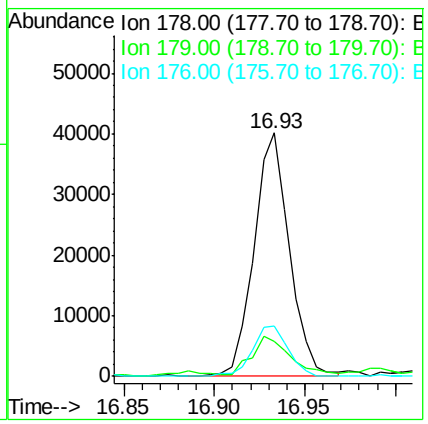




#14
Phenanthrene
Concen: 3.063 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Tgt Ion:178 Resp: 54495

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.6	19.0
176	20.5	14.9	22.3



Instrument :
BNA_M
ClientSampleId :
BE8J4

Manual Integrations APPROVED
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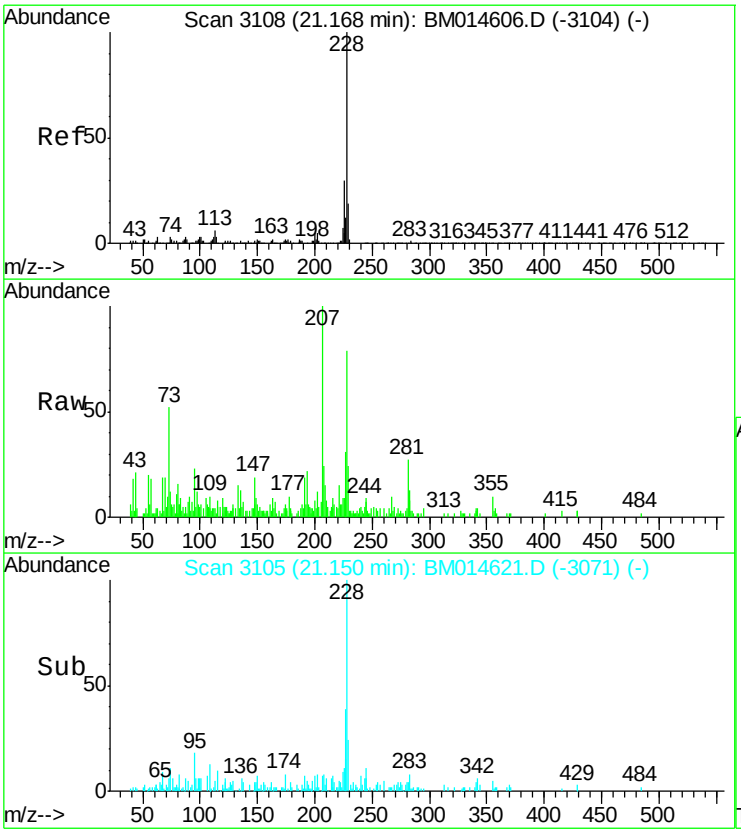
3/19/2018 2:25:40 PM



#22
Chrysene
Concen: 1.463 ng/ul m
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM014621.D
Acq: 17 Mar 2018 00:33

Tgt Ion:228 Resp: 23664

Ion	Ratio	Lower	Upper
228	100		
226	38.7	23.4	35.2#
229	29.9	15.5	23.3#