Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061616\
Data File : BM005827.D
Acq On : 16 Jun 2016 05:15
Operator : UM/SJ
Sample : H3535-13MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XX1MSD

Quant Time: Jun 16 06:59:13 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 01:45:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	62739	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	315348	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.38	164	218124	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	545228	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	650318	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	608694	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	1342	0.99	ng/uL	0.00
3) Phenol-d5	6.92	99	67464	13.09	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	61378	20.01	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	65468	15.25	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	32895	7.56	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	40090	17.95	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	23103	9.31	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	62244	13.11	ng/ul	0.00
12) 4-Chloroaniline-d4	10.70	131	1426	0.27	ng/ul	0.03
16) Dimethylphthalate-d6	13.79	166	170777	9.86	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	445994	20.27	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	15114	7.59	ng/ul	0.01
21) Fluorene-d10	15.37	176	347132	24.07	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	11196	4.59	ng/ul	0.00
26) Anthracene-d10	17.22	188	560038	22.14	ng/ul	0.00
30) Pyrene-d10	19.52	212	690542	21.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	535295	19.04	ng/ul	0.00
Target Compounds						Qvalue
19) Acenaphthene	14.45	153	313381	21.57	ng/ul	100
28) Fluoranthene	19.55	202	899700	28.26	ng/ul	97
31) Pyrene	19.55	202	900142	22.54	ng/ul	95

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

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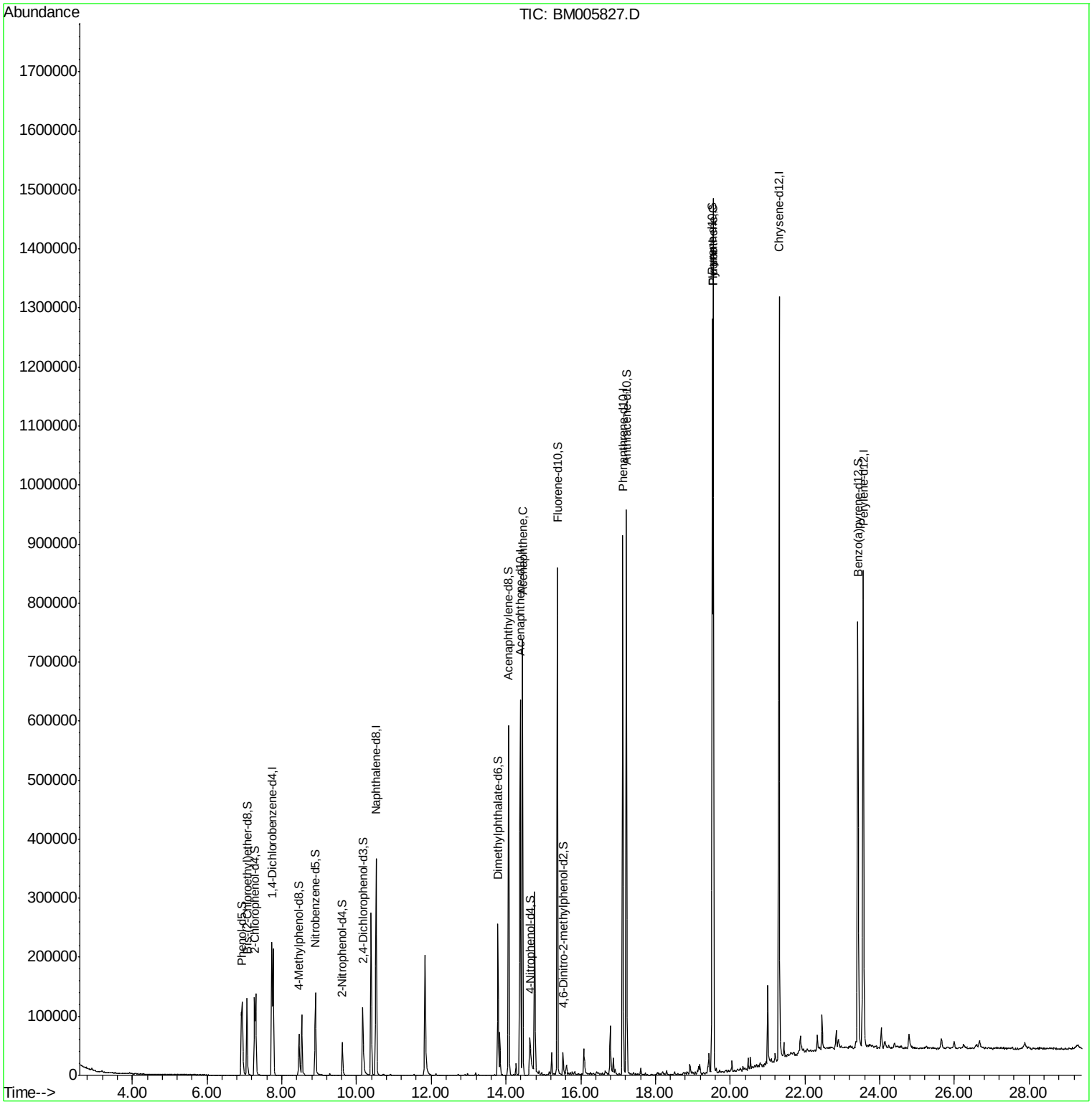
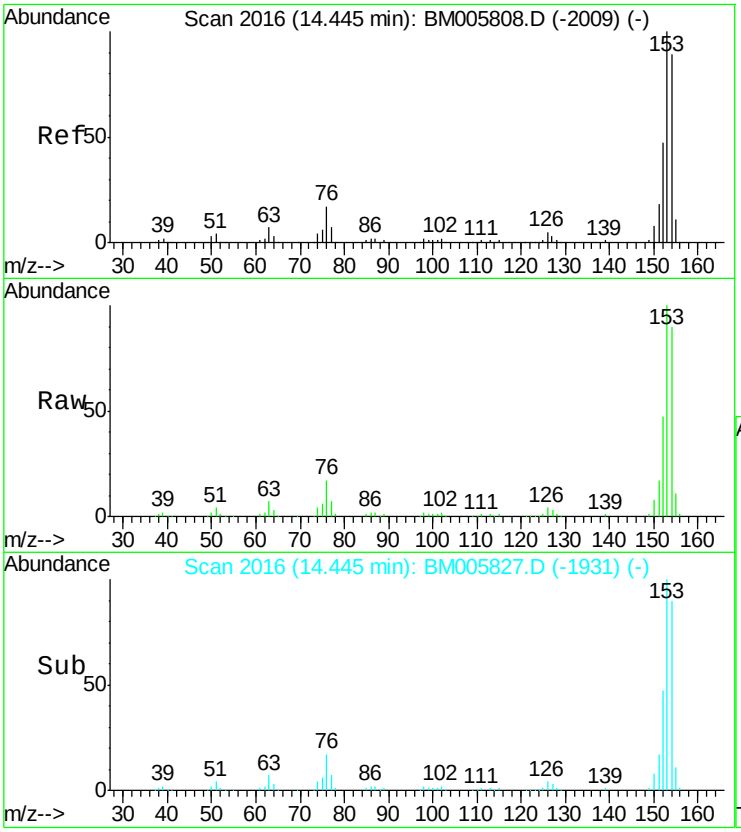


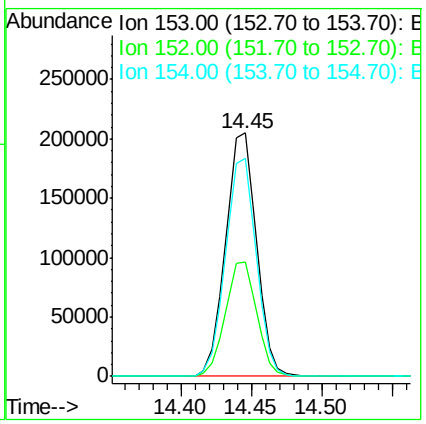


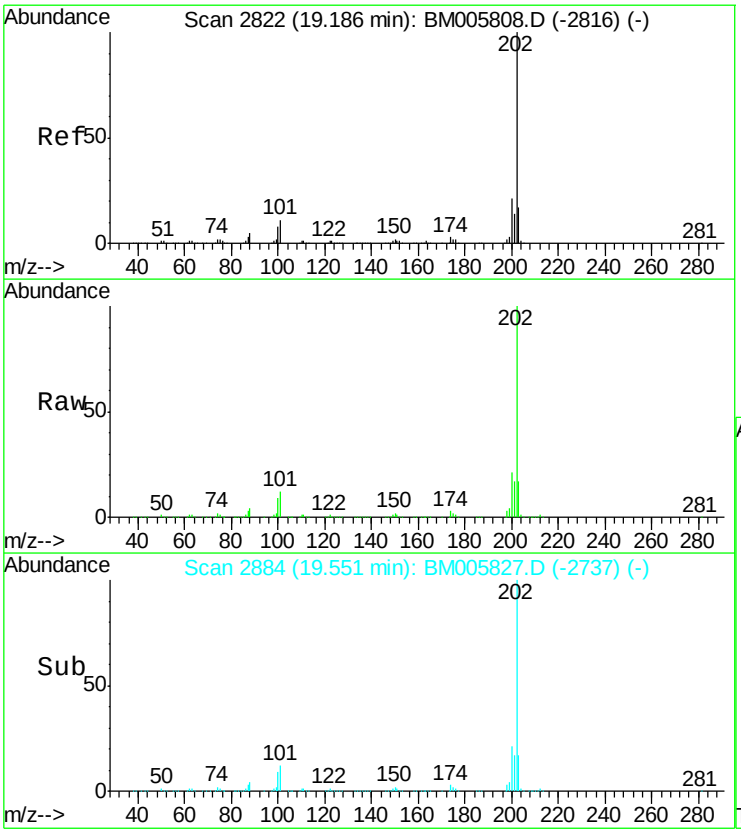
#19
Acenaphthene
Concen: 21.57 ng/ul
RT: 14.45 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BM005827.D
Acq: 16 Jun 2016 05:15

Instrument :
BNA_M
ClientSampleId :
D9XX1MSD

Tgt Ion:153 Resp: 313381

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.1	57.1
154	89.5	71.6	107.4

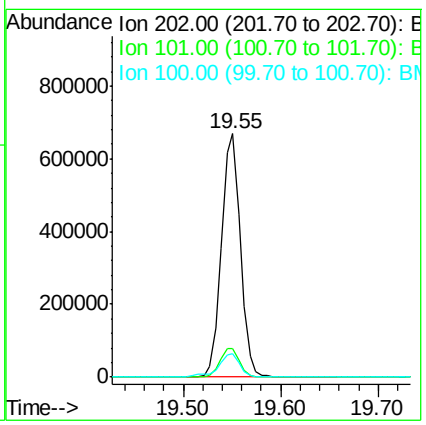


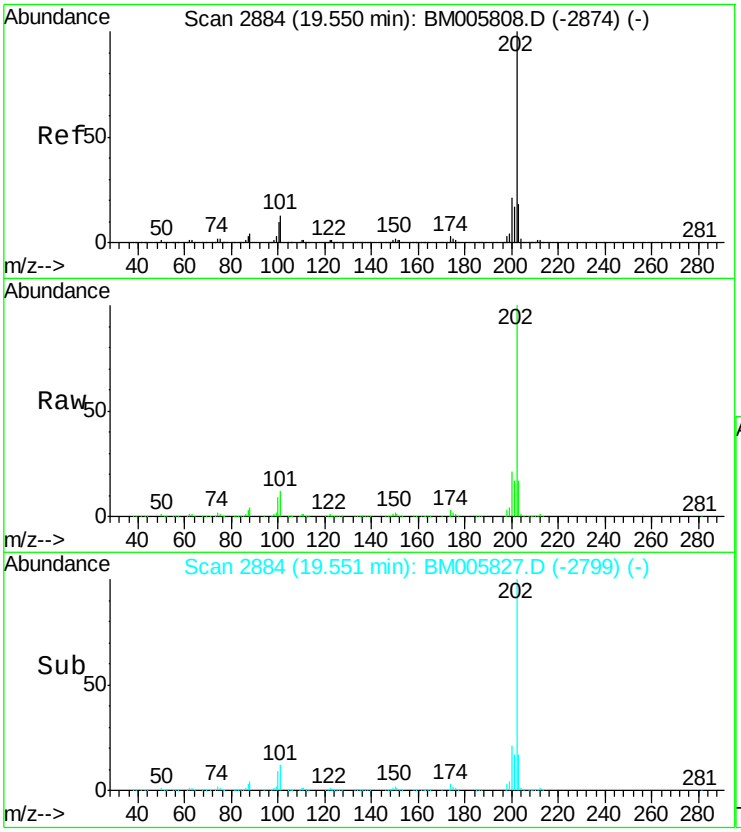


#28
Fluoranthene
Concen: 28.26 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. 0.36 min
Lab File: BM005827.D
Acq: 16 Jun 2016 05:15

Tgt Ion:202 Resp: 899700

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.5	12.7
100	9.5	6.5	9.7





#31
Pyrene
Concen: 22.54 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BM005827.D
Acq: 16 Jun 2016 05:15

Instrument :
BNA_M
ClientSampleId :
D9XX1MSD

Tgt Ion:202 Resp: 900142

Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.0	16.4
100	9.5	8.9	13.3