Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008428.D
Acq On : 18 Dec 2016 01:03
Operator : UM/SJ
Sample : H6039-17DL2 200X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 19 01:04:02 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 04:15:46 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : DA8T1DL2

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	97496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	392307	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	261174	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	527620	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	653237	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	662976	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1280	0.62	ng/uL	0.00
5) Phenol-d5	7.02	99	482	0.06	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	7.00	67	111	0.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	444	0.08	ng/ul	0.01
13) 4-Methylphenol-d8	8.39	113	282	0.05	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	9.56	143	374	0.12	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.09	165	1301	0.23	ng/ul	0.02
29) 4-Chloroaniline-d4	10.44	131	428	0.06	ng/ul	-0.15
43) Dimethylphthalate-d6	13.72	166	4533	0.26	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	5347	0.26	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.30	176	6621	0.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.16	188	6630	0.29	ng/ul	0.00
76) Pyrene-d10	19.47	212	7677	0.30	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.35	264	7263	0.26	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.90	94	40280	5.13	ng/ul	98
11) 2-Methylphenol	8.12	108	60516	10.53	ng/ul	98
16) 4-Methylphenol	8.45	108	106999	17.16	ng/ul	95
24) 2,4-Dimethylphenol	9.63	107	346901m	48.33	ng/ul	

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

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 04:15:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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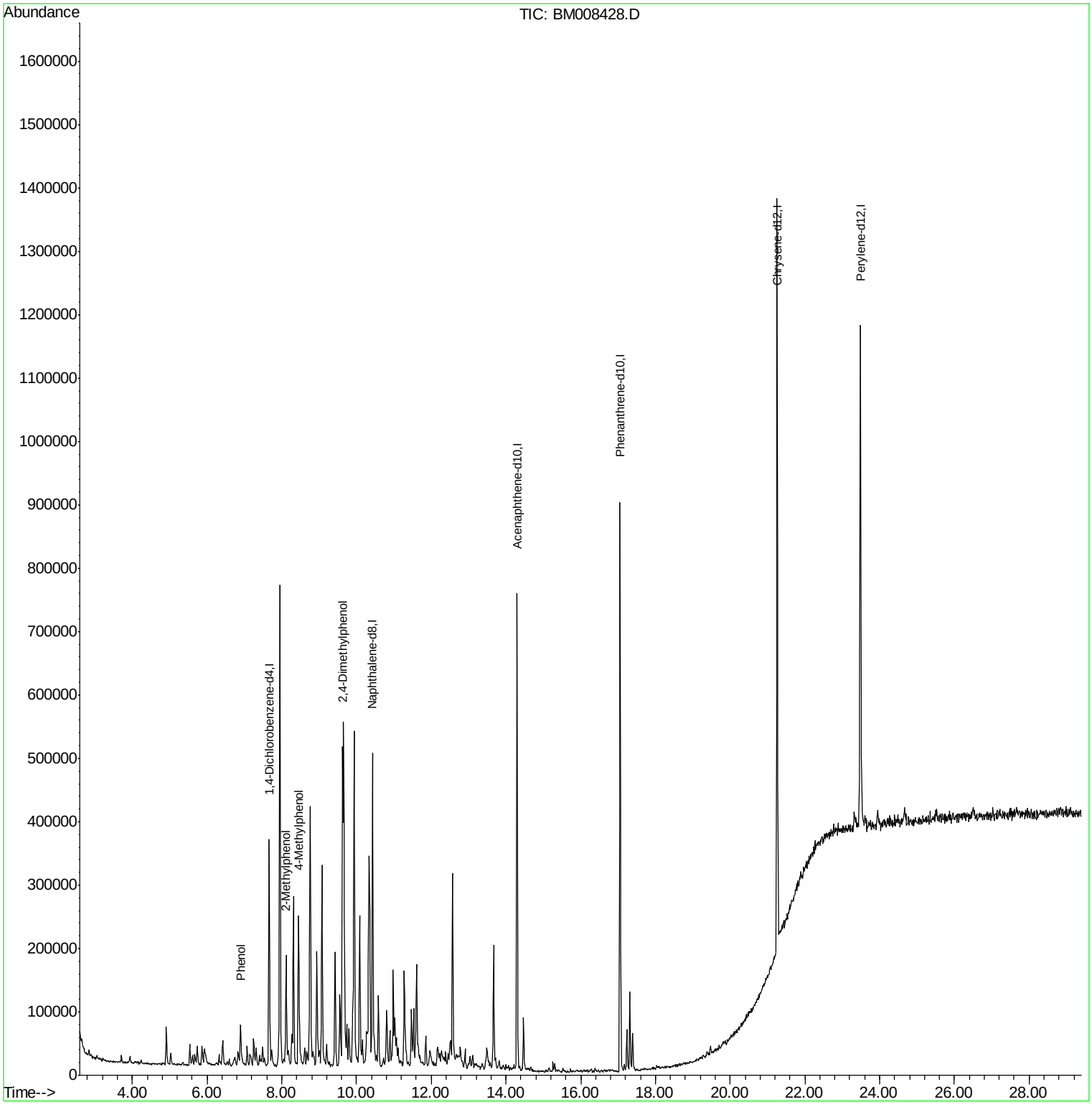
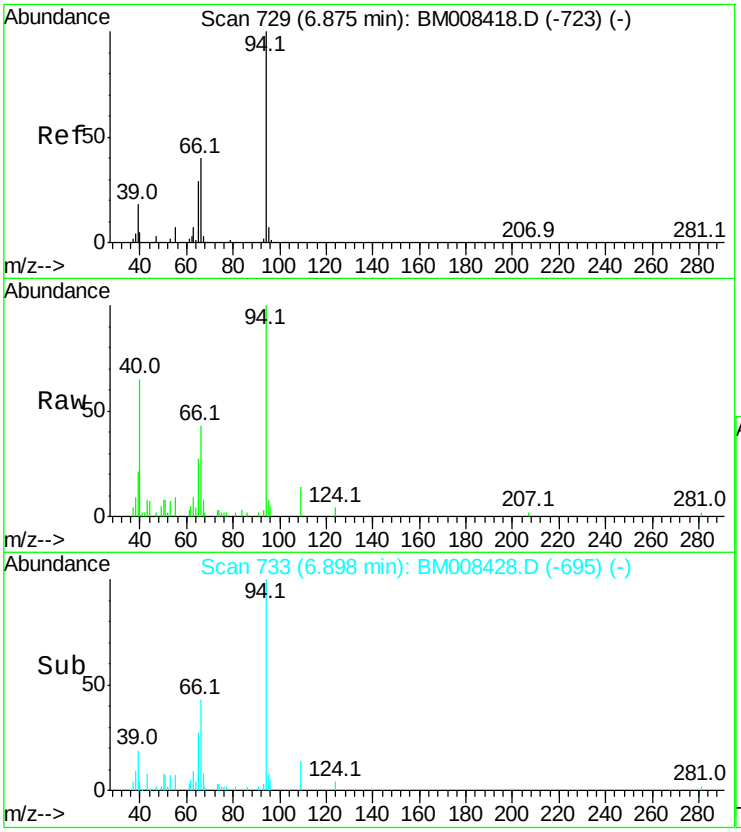
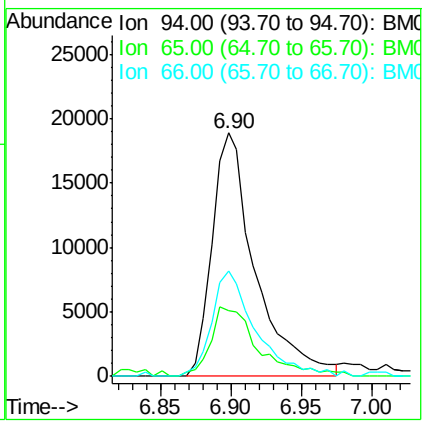




#6
Phenol
Concen: 5.13 ng/ul
RT: 6.90 min Scan# 733
Delta R.T. 0.02 min
Lab File: BM008428.D
Acq: 18 Dec 2016 01:03

Tgt Ion: 94 Resp: 40280

Ion	Ratio	Lower	Upper
94	100		
65	26.7	22.6	34.0
66	43.4	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
DA8T1DL2

Manual Integrations APPROVED
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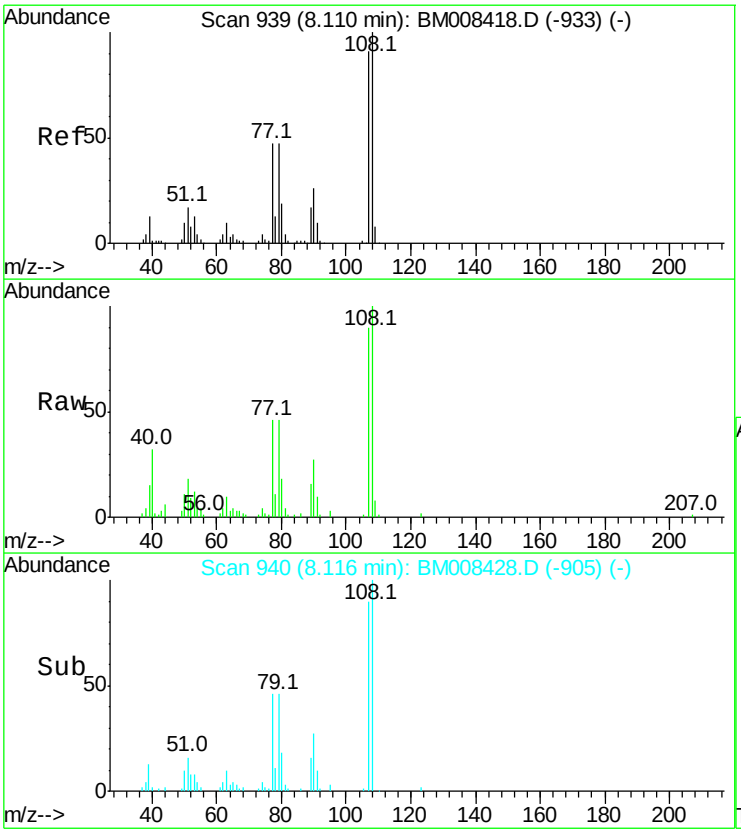
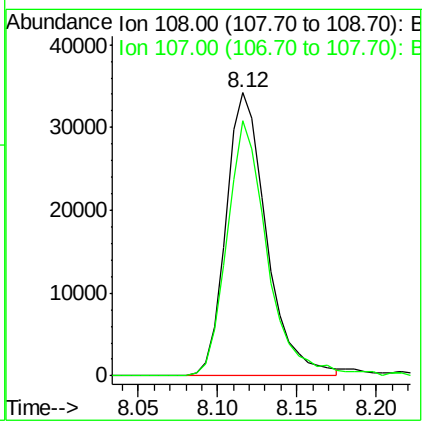
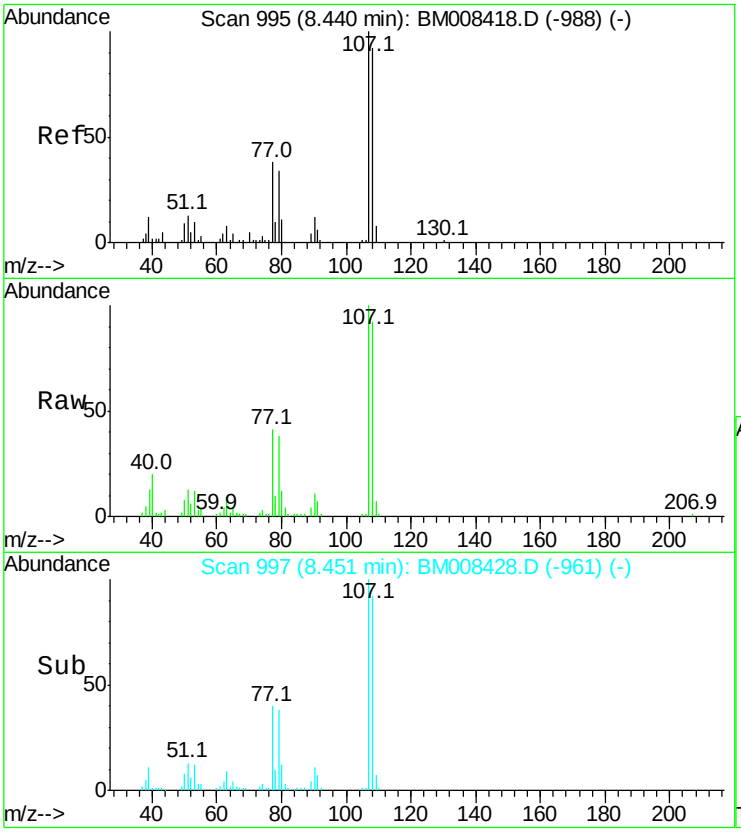


#11
2-Methylphenol
Concen: 10.53 ng/ul
RT: 8.12 min Scan# 940
Delta R.T. 0.01 min
Lab File: BM008428.D
Acq: 18 Dec 2016 01:03

Tgt Ion:108 Resp: 60516

Ion	Ratio	Lower	Upper
108	100		
107	90.0	70.8	106.2

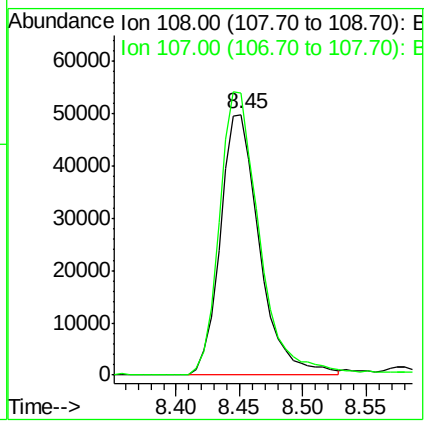




#16
4-Methylphenol
Concen: 17.16 ng/ul
RT: 8.45 min Scan# 997
Delta R.T. 0.01 min
Lab File: BM008428.D
Acq: 18 Dec 2016 01:03

Tgt Ion:108 Resp: 106999

Ion	Ratio	Lower	Upper
108	100		
107	108.2	90.6	135.8



Instrument :
BNA_M
ClientSampleId :
DA8T1DL2

Manual Integrations APPROVED
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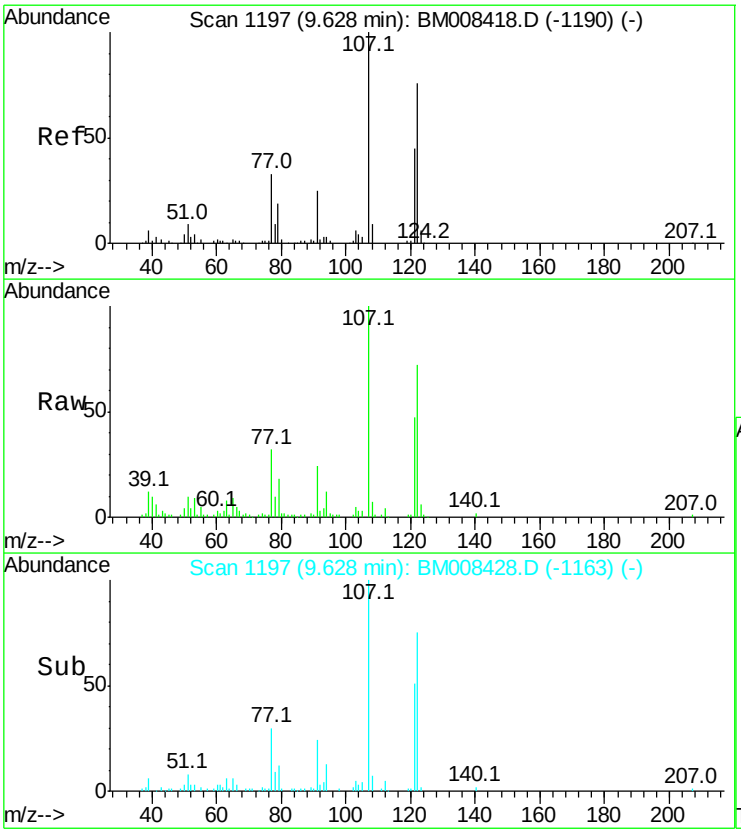

#24
2,4-Dimethylphenol
Concen: 48.33 ng/ul m
RT: 9.63 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM008428.D
Acq: 18 Dec 2016 01:03

Tgt Ion:107 Resp: 346901

Ion	Ratio	Lower	Upper
107	100		
121	46.7	37.3	55.9
122	72.1	58.2	87.4