Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019564.D
Acq On : 29 Mar 2019 05:15
Operator : JU/SJ
Sample : K2063-04DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB6R6DL

Quant Time: Mar 29 07:07:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 29 06:50:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	117347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	518156	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	307264	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	686815	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	818077	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	1027808	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	7695	0.74	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.94	67	22906	3.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	21579	2.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	13167	1.68	ng/ul	0.02
19) Nitrobenzene-d5	8.76	128	16337	4.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	11804	2.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	21162	2.73	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.66	166	83390	3.36	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	97925	3.16	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.24	176	75486	3.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	7580	1.67	ng/ul	0.01
71) Anthracene-d10	17.10	188	108778	3.30	ng/ul	0.00
79) Pyrene-d10	19.41	212	125759	3.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	170983	3.14	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.43	105	14259	1.116	ng/ul	96
28) Naphthalene	10.41	128	1157343	43.116	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	195697	10.405	ng/ul	98
35) 1-Methylnaphthalene	12.25	142	102871	5.792	ng/ul	96

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

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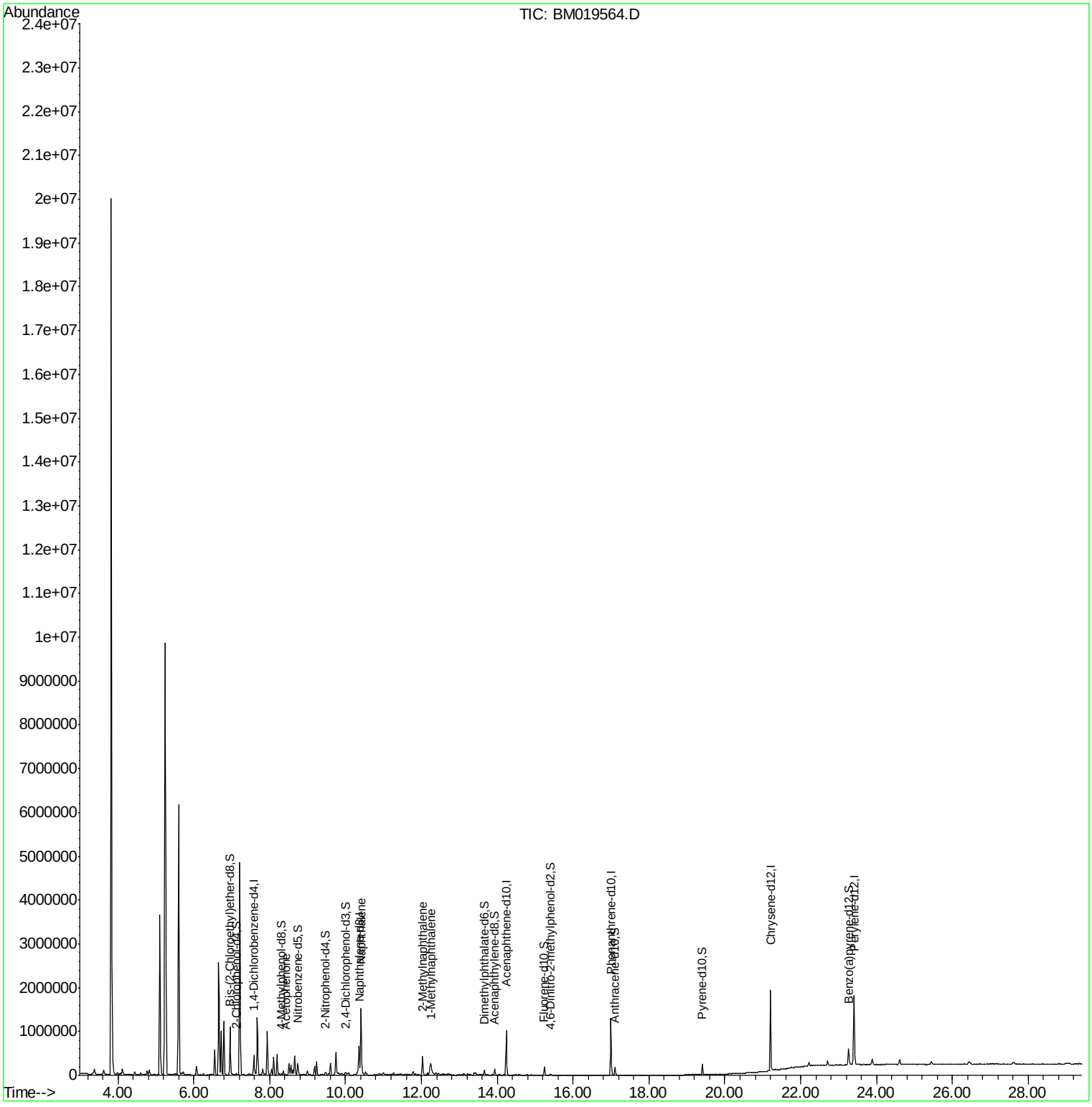
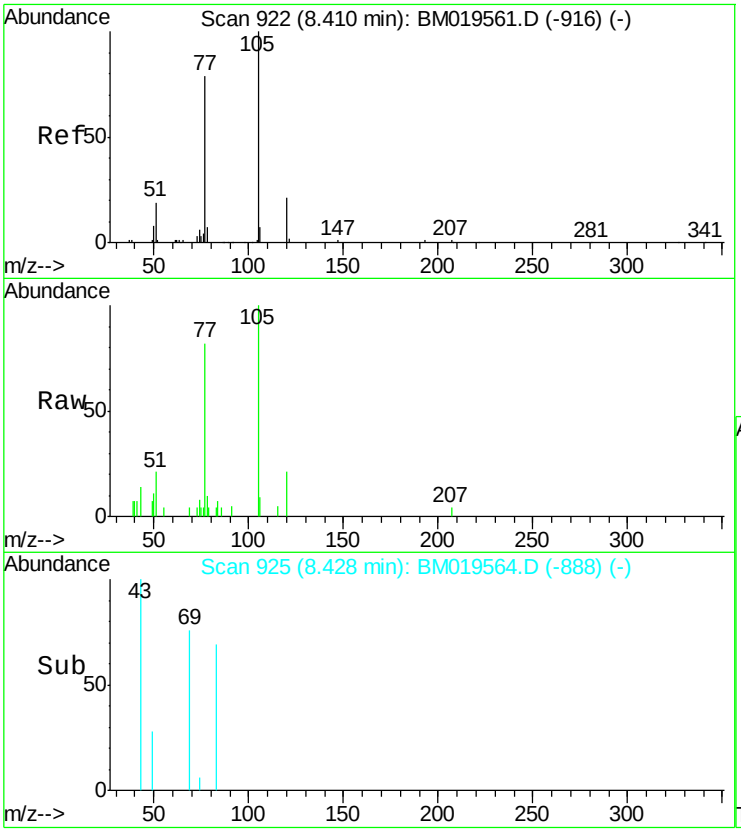


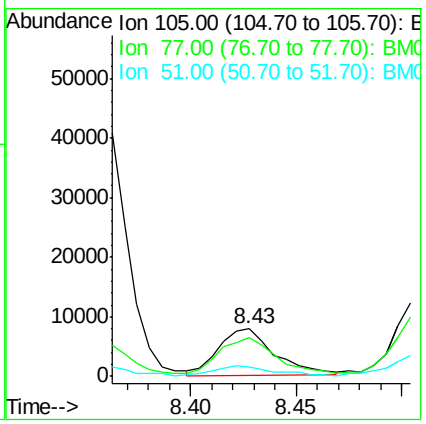


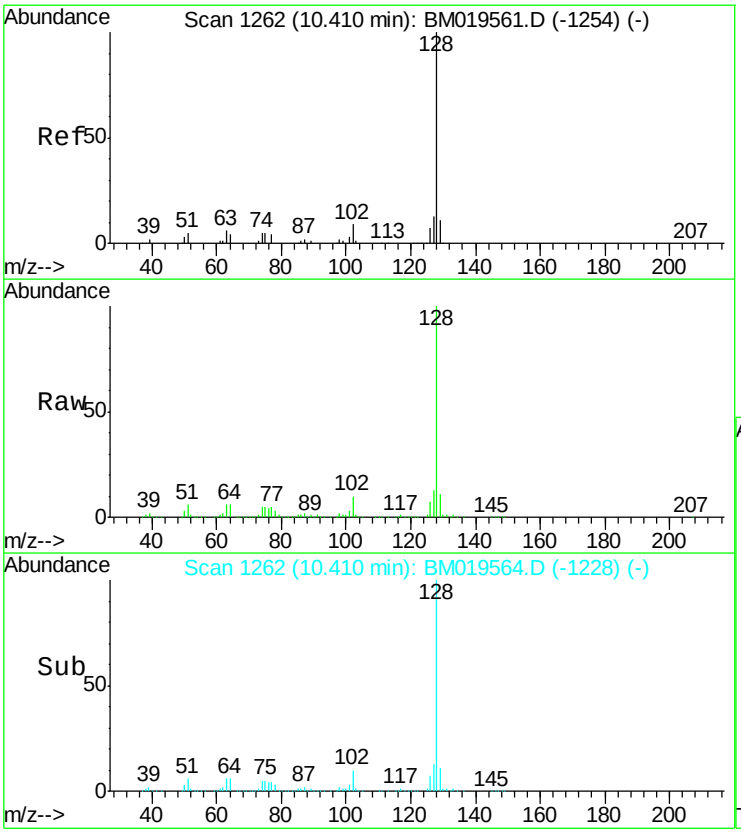
#14
Acetophenone
Concen: 1.116 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. 0.02 min
Lab File: BM019564.D
Acq: 29 Mar 2019 05:15

Instrument :
BNA_M
ClientSampleId :
DB6R6DL

Tgt Ion:105 Resp: 14259

Ion	Ratio	Lower	Upper
105	100		
77	81.9	63.2	94.8
51	21.2	19.8	29.8

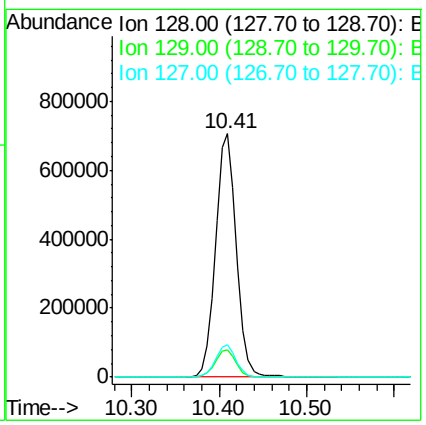


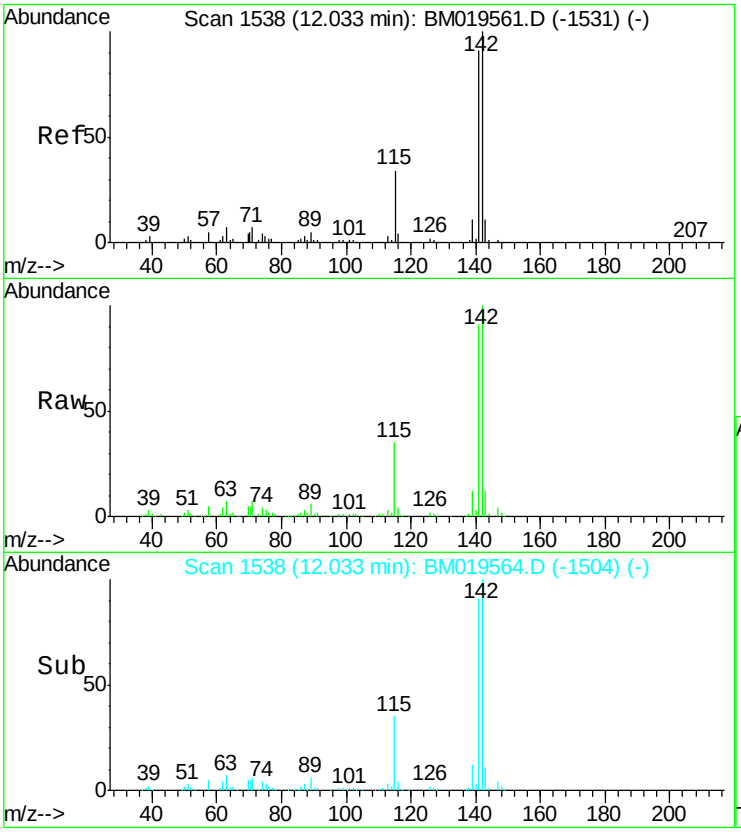


#28
Naphthalene
Concen: 43.116 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM019564.D
Acq: 29 Mar 2019 05:15

Tgt Ion:128 Resp: 1157343

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.4	10.8	16.2



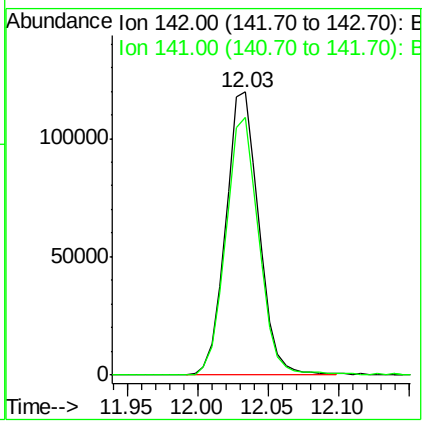


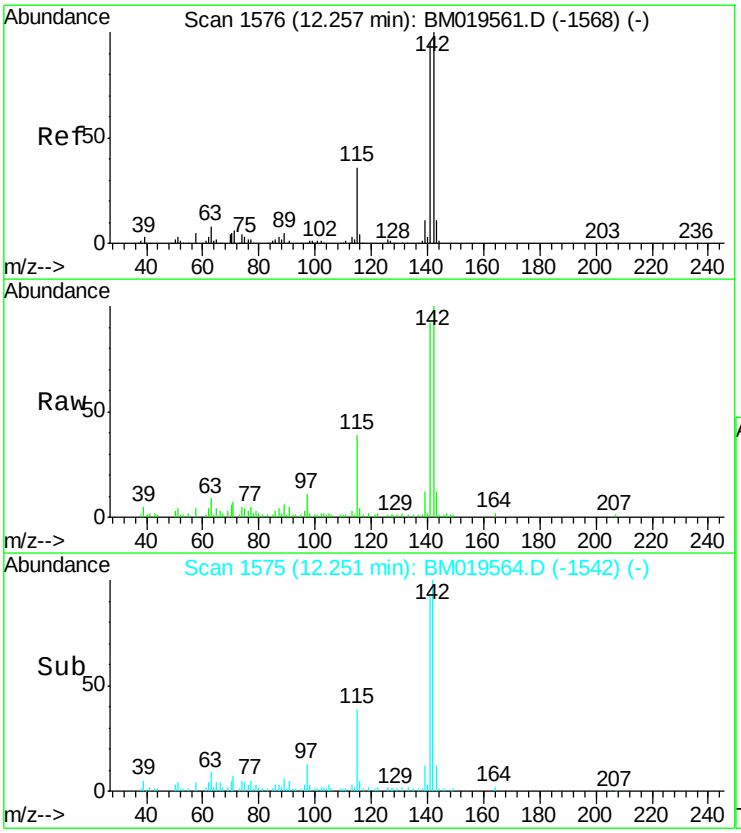
#34
2-Methylnaphthalene
Concen: 10.405 ng/ul
RT: 12.03 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BM019564.D
Acq: 29 Mar 2019 05:15

Instrument :
BNA_M
ClientSampleId :
DB6R6DL

Tgt Ion:142 Resp: 195697

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.4	107.2





#35
1-Methylnaphthalene
Concen: 5.792 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM019564.D
Acq: 29 Mar 2019 05:15

Tgt Ion:142 Resp: 102871

Ion	Ratio	Lower	Upper
142	100		
141	91.5	76.6	115.0
116	3.9	3.6	5.4