

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
 Data File : BM019571.D
 Acq On : 29 Mar 2019 09:28
 Operator : JU/SJ
 Sample : K2063-05DL2 20X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB6R7DL2

Manual Integrations
 APPROVED

Sohil
 3/29/2019 4:49:20 PM

Quant Time: Mar 29 12:30:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 29 09:53:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	87621	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	415066	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	231369	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	558206	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	701850	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	888807	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1202	0.54	ng/uL	-0.03
5) Phenol-d5	6.79	99	3475	0.45	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.95	67	7653	1.47	ng/ul	0.01
9) 2-Chlorophenol-d4	7.12	132	8674	1.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	4926	0.84	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	7141m	2.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	4334	1.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	7571	1.22	ng/ul	0.02
29) 4-Chloroaniline-d4	10.46	131	15594	2.09	ng/ul	-0.06
44) Dimethylphthalate-d6	13.66	166	35275	1.89	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	38457	1.65	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.24	176	32570	2.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	1120	0.30	ng/ul	0.04
71) Anthracene-d10	17.10	188	47296	1.77	ng/ul	0.00
79) Pyrene-d10	19.41	212	55718	1.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	77718	1.65	ng/ul	0.00

Target Compounds

					Qvalue
14) Acetophenone	8.43	105	12948	1.357	ng/ul 97
28) Naphthalene	10.41	128	815548	37.929	ng/ul 99
34) 2-Methylnaphthalene	12.03	142	141230	9.374	ng/ul 99
35) 1-Methylnaphthalene	12.25	142	69264	4.869	ng/ul 98

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

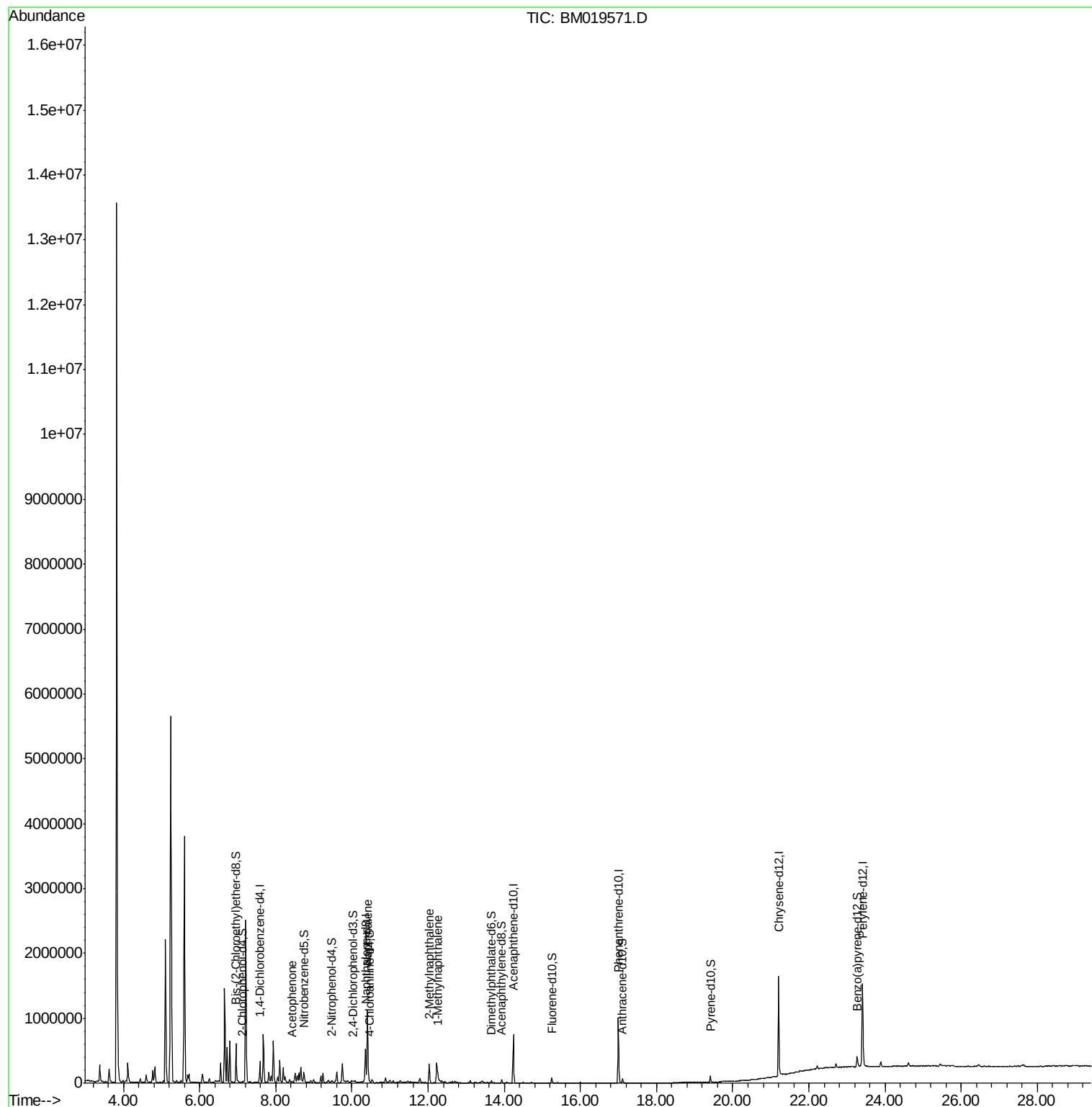
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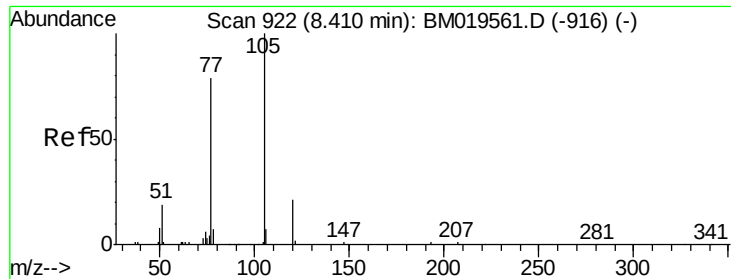
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#14

Acetophenone

Concen: 1.357 ng/ul

RT: 8.43 min Scan# 925

Delta R.T. 0.02 min

Lab File: BM019571.D

Acq: 29 Mar 2019 09:28

Instrument :

BNA_M

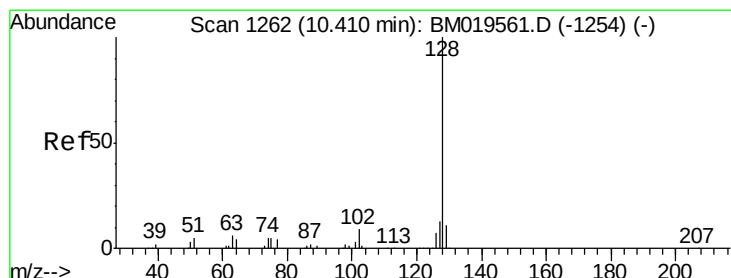
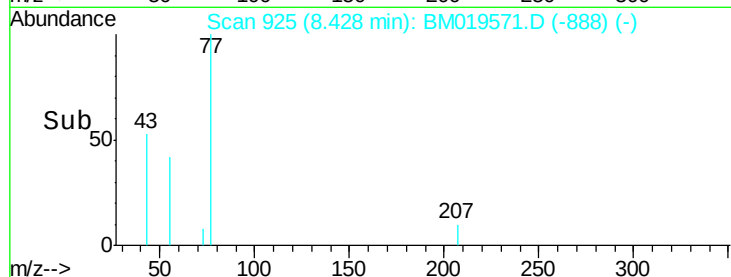
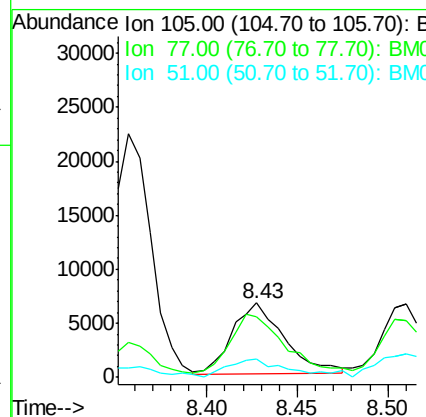
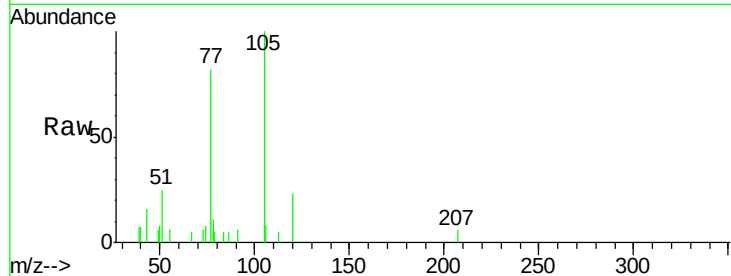
ClientSampleId :

DB6R7DL2

Tgt Ion:	105	Resp:	12948
Ion Ratio	Lower	Upper	
105	100		
77	82.2	63.2	94.8
51	25.4	19.8	29.8

Manual Integrations
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#28

Naphthalene

Concen: 37.929 ng/ul

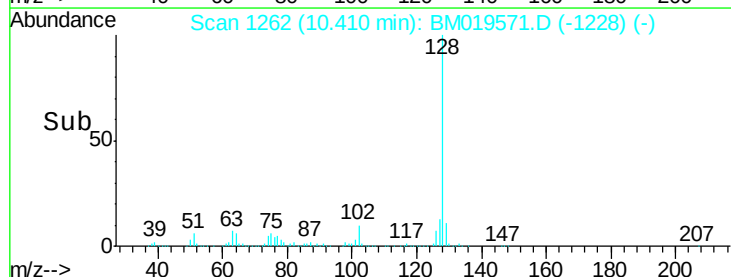
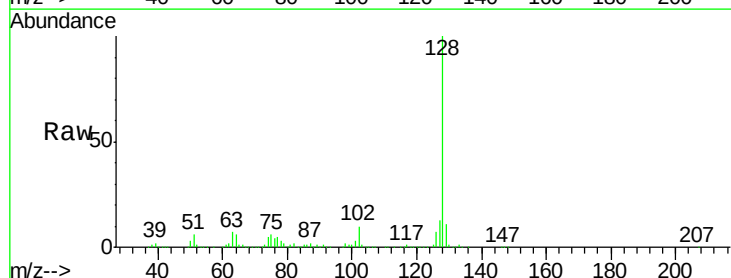
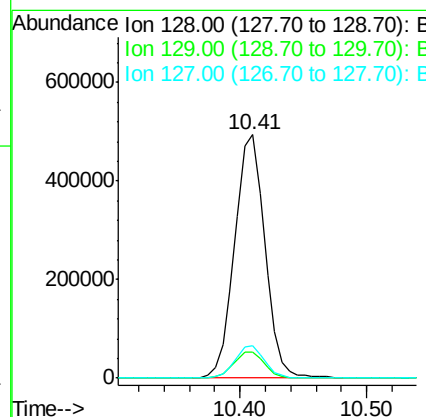
RT: 10.41 min Scan# 1262

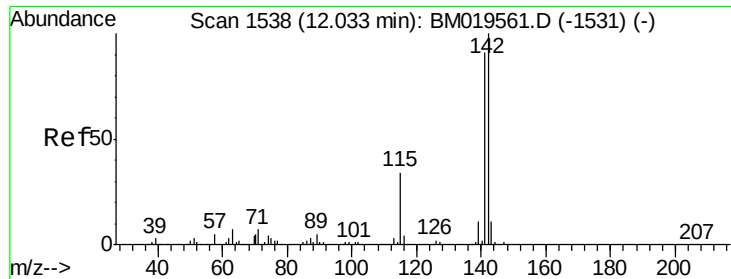
Delta R.T. -0.00 min

Lab File: BM019571.D

Acq: 29 Mar 2019 09:28

Tgt Ion:	128	Resp:	815548
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.3	12.5
127	13.2	10.8	16.2





#34

2-Methylnaphthalene

Concen: 9.374 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BM019571.D

Acq: 29 Mar 2019 09:28

Instrument :

BNA_M

ClientSampleId :

DB6R7DL2

Tgt Ion:142 Resp: 141230

Ion Ratio Lower Upper

142 100

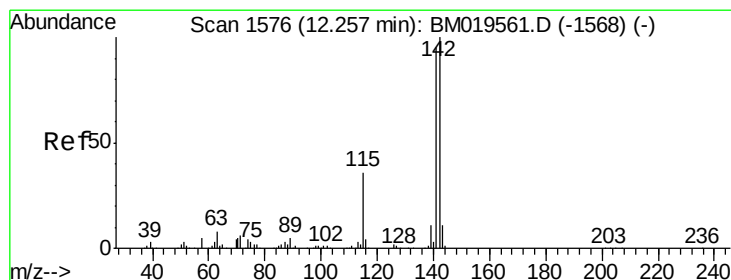
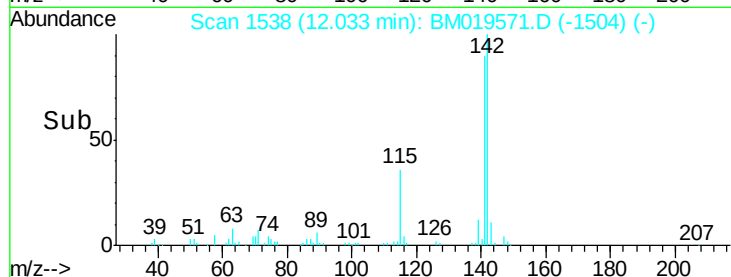
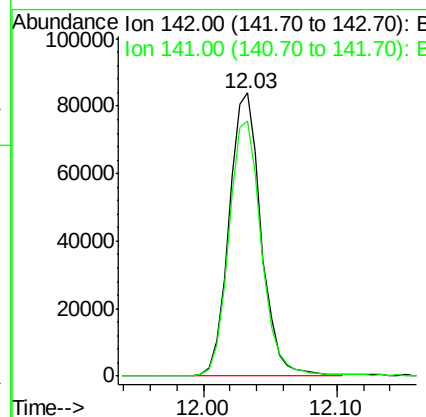
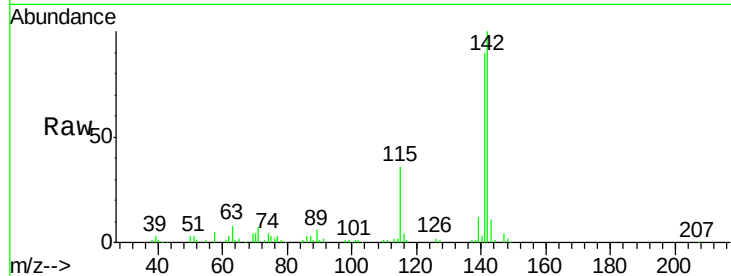
141 90.1 71.4 107.2

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#35

1-Methylnaphthalene

Concen: 4.869 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BM019571.D

Acq: 29 Mar 2019 09:28

Tgt Ion:142 Resp: 69264

Ion Ratio Lower Upper

142 100

141 93.7 76.6 115.0

116 4.5 3.6 5.4

