

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
 Data File : BM019764.D
 Acq On : 06 Apr 2019 00:10
 Operator : JU/SJ
 Sample : K2269-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0BR2

Manual Integrations
 APPROVED

Sohil
 4/8/2019 6:11:24 PM

Quant Time: Apr 06 01:27:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 06 00:13:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	158981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	729364	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	431498	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	967703	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	906021	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	810849	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	14777m	3.64	ng/uL	0.00
5) Phenol-d5	6.75	99	88893	6.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	231894	24.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	251771	23.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	171437	16.13	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	153289	29.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	178653	30.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	300568	27.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	16682	1.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	1124418	32.30	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	1327683	30.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	35431m	6.49	ng/ul	0.03
58) Fluorene-d10	15.22	176	940861	31.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	190430	29.76	ng/ul	0.00
71) Anthracene-d10	17.08	188	1608335	34.63	ng/ul	0.00
79) Pyrene-d10	19.39	212	1714219	40.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	1390088	32.34	ng/ul	0.00

Target Compounds

					Qvalue
10) 2-Chlorophenol	7.13	128	12186	1.117 ng/ul	91
20) Nitrobenzene	8.77	77	2005591	129.496 ng/ul	98
23) 2-Nitrophenol	9.47	139	14288	2.237 ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	31601	2.302 ng/ul#	94
69) Pentachlorophenol	16.64	266	9238	1.389 ng/ul	92
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	166758	11.886 ng/uL	97

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

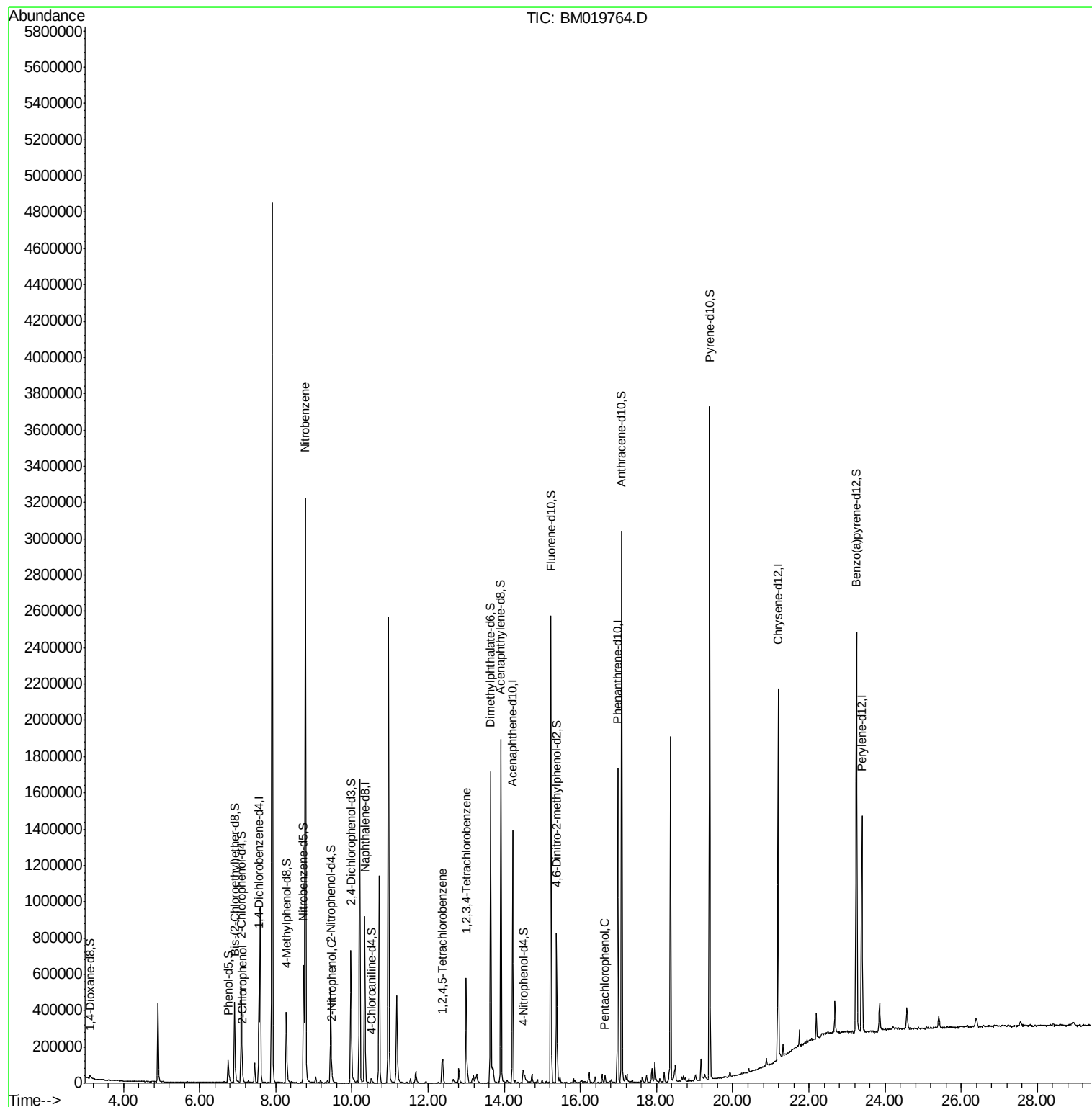
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040519\
Data File : BM019764.D
Acq On : 06 Apr 2019 00:10
Operator : JU/SJ
Sample : K2269-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

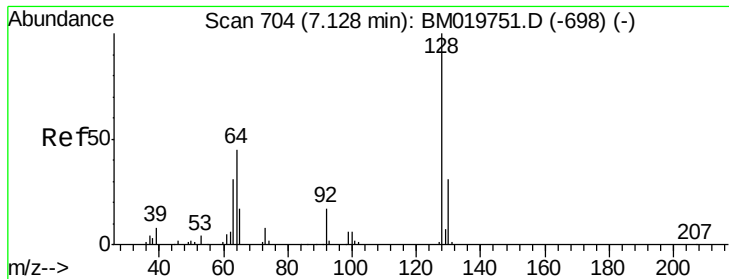
Instrument :
BNA_M
ClientSampleId :
C0BR2

Manual Integrations
APPROVED

Sohil
4/8/2019 6:11:24 PM

Quant Time: Apr 06 01:27:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:11 2019
Response via : Initial Calibration





#10

2-Chlorophenol

Concen: 1.117 ng/ul

RT: 7.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM019764.D

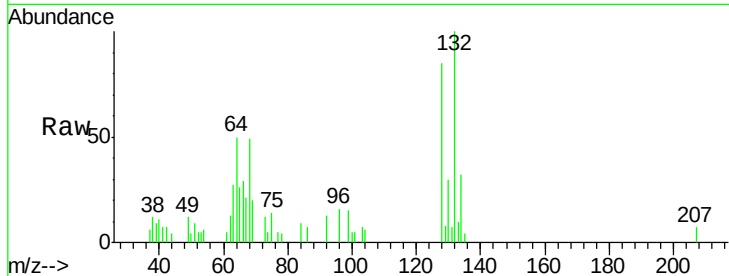
Acq: 06 Apr 2019 00:10

Instrument :

BNA_M

ClientSampled :

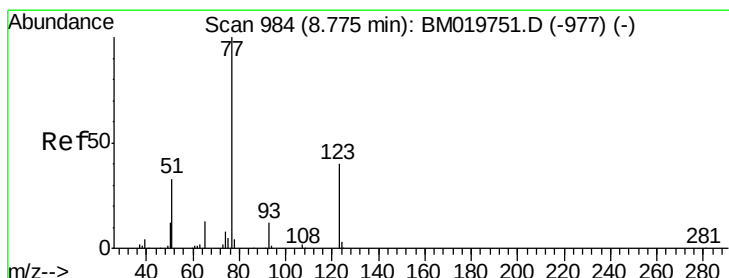
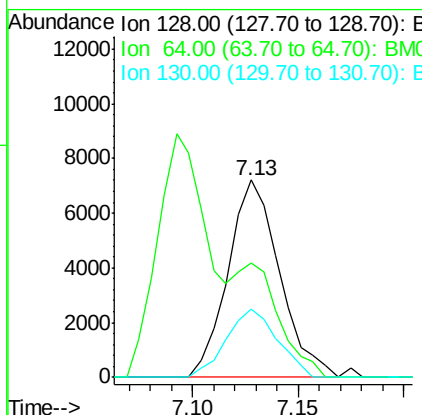
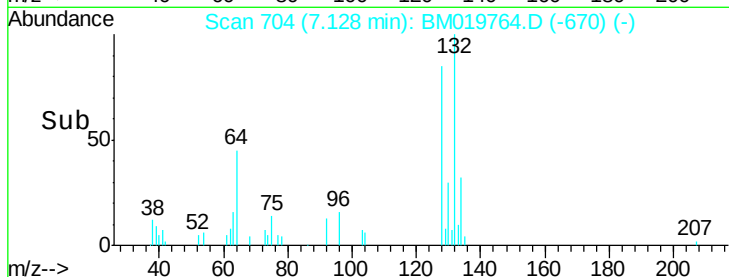
C0BR2



Tgt Ion	Ratio	Lower	Upper
128	100		
64	58.0	39.8	59.6
130	34.6	25.8	38.8

Manual Integrations
APPROVED

Sohil
4/8/2019 6:11:24 PM



#20

Nitrobenzene

Concen: 129.496 ng/ul

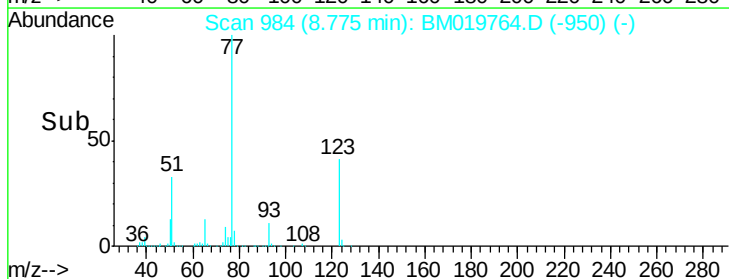
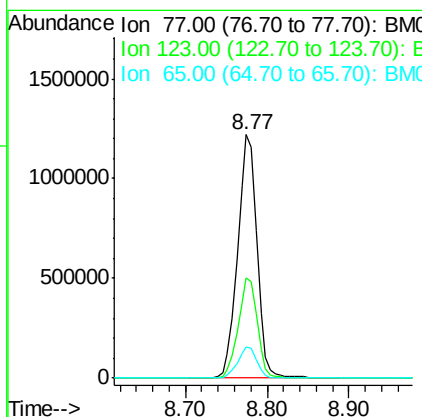
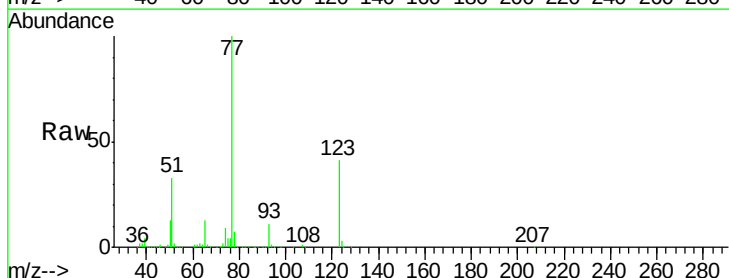
RT: 8.77 min Scan# 984

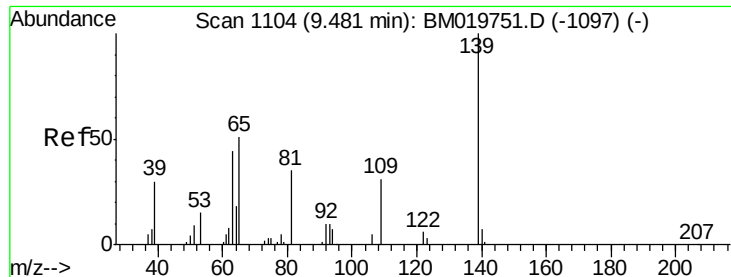
Delta R.T. -0.00 min

Lab File: BM019764.D

Acq: 06 Apr 2019 00:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	31.8	47.8
65	12.8	10.6	16.0





#23

2-Nitrophenol

Concen: 2.237 ng/ul

RT: 9.47 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BM019764.D

Acq: 06 Apr 2019 00:10

Instrument :

BNA_M

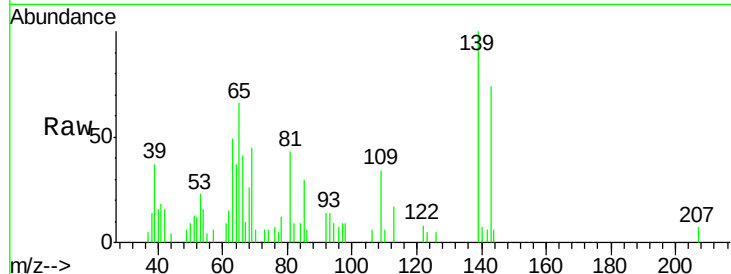
ClientSampled :

C0BR2

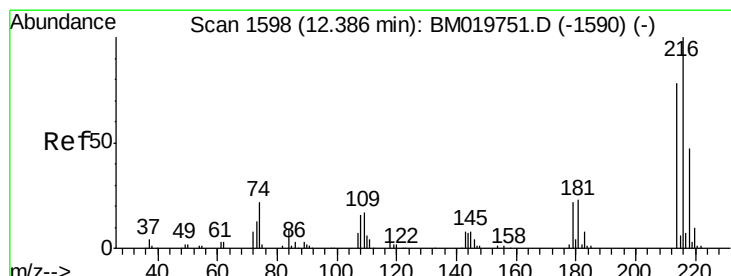
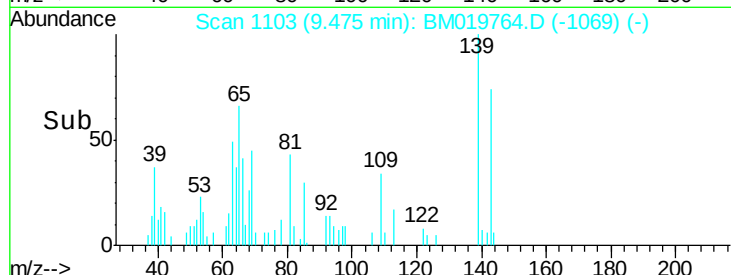
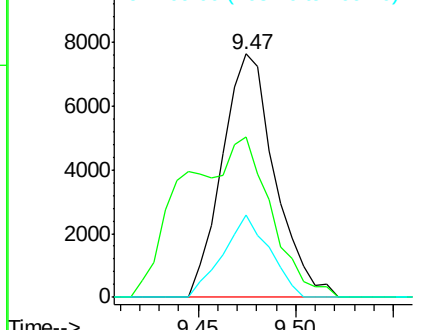
Tgt Ion:	139	Resp:	14288
Ion Ratio	Lower	Upper	
139	100		
65	66.0	45.3	67.9
109	33.6	27.7	41.5

Manual Integrations
APPROVED

Sohil
4/8/2019 6:11:24 PM



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 109.00 (108.70 to 109.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 2.302 ng/ul

RT: 12.39 min Scan# 1598

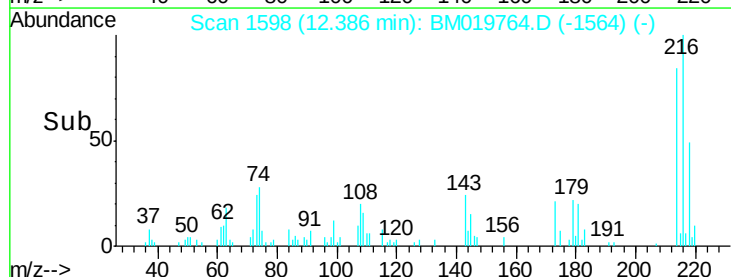
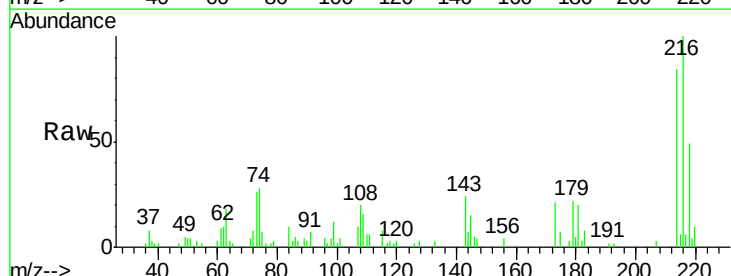
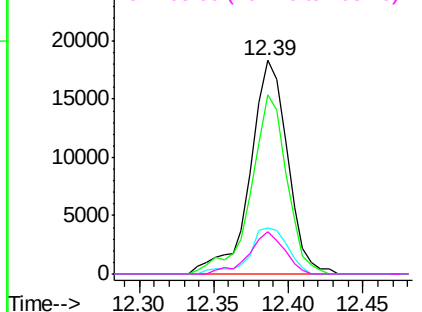
Delta R.T. -0.00 min

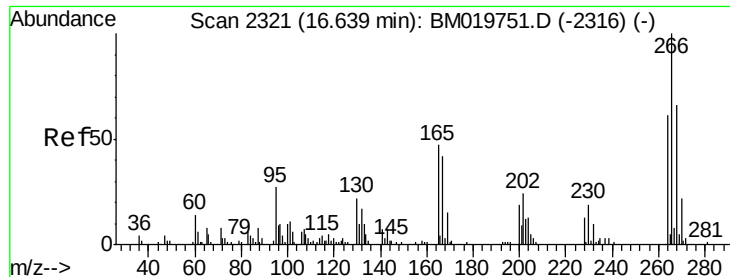
Lab File: BM019764.D

Acq: 06 Apr 2019 00:10

Tgt Ion:	216	Resp:	31601
Ion Ratio	Lower	Upper	
216	100		
214	83.9	64.1	96.1
179	21.8	14.5	21.7#
108	19.5	10.4	15.6#

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





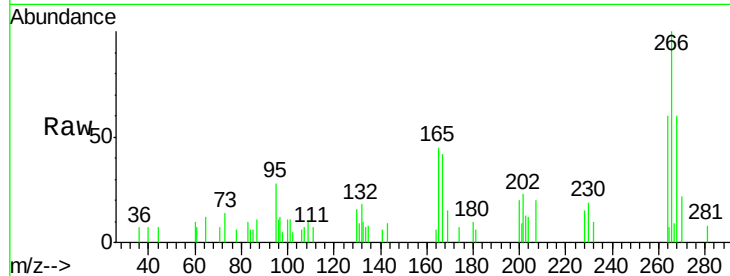
#69
 Pentachlorophenol
 Concen: 1.389 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.01 min
 Lab File: BM019764.D
 Acq: 06 Apr 2019 00:10

Instrument :
 BNA_M
 ClientSampled :
 C0BR2

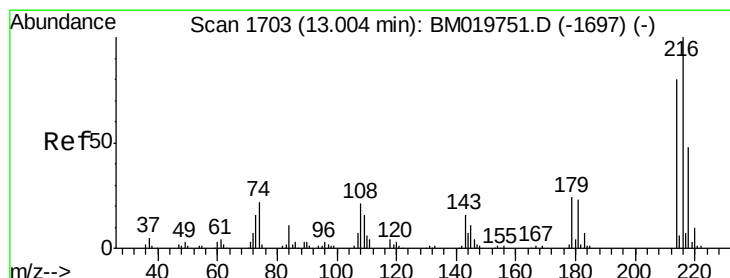
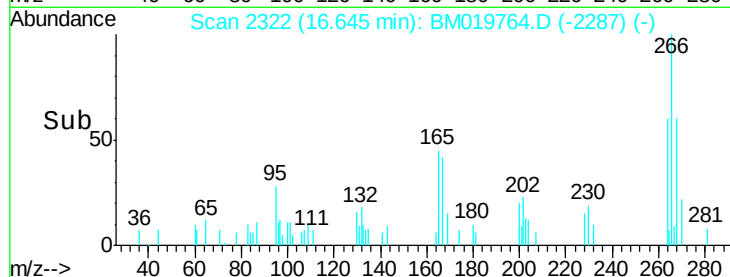
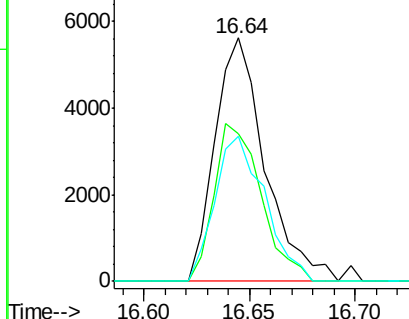
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	9238		
264	67.6		48.2	72.4
268	59.6		52.3	78.5

Manual Integrations
 APPROVED

Sohil
 4/8/2019 6:11:24 PM



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 11.886 ng/uL
 RT: 13.00 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BM019764.D
 Acq: 06 Apr 2019 00:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	166758		
214	78.0		64.1	96.1
218	46.9		39.4	59.0

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

