

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016838.D
 Acq On : 21 Sep 2018 18:41
 Operator : SJ/JU
 Sample : J5012-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C08J8

Manual Integrations
 APPROVED

Sohil
 9/24/2018 5:27:09 PM

Quant Time: Sep 22 02:45:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 02:21:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	255111	20.00	ng/ul	0.05
18) Naphthalene-d8	10.52	136	1245807	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.36	164	648599	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1429667	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1609225	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1710420	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	37636	6.31	ng/uL	0.01
5) Phenol-d5	6.90	99	164946	7.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	490655	36.82	ng/ul	0.02
9) 2-Chlorophenol-d4	7.27	132	547400	31.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.43	113	329537m	19.79	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	334346	40.84	ng/ul	0.02
22) 2-Nitrophenol-d4	9.59	143	340588	45.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	602111	31.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	25453	1.11	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	1896841	36.42	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2392924	35.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	54932	6.43	ng/ul	0.00
58) Fluorene-d10	15.36	176	1682167	37.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	227597	38.78	ng/ul	0.00
71) Anthracene-d10	17.20	188	2587459	37.51	ng/ul	0.00
79) Pyrene-d10	19.50	212	2914028	37.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3399540	38.10	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.31	88	10047	1.618	ng/uL#	87
23) 2-Nitrophenol	9.62	139	18928	2.203	ng/ul#	92
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	570746	25.622	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	438953	18.551	ng/uL	97

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

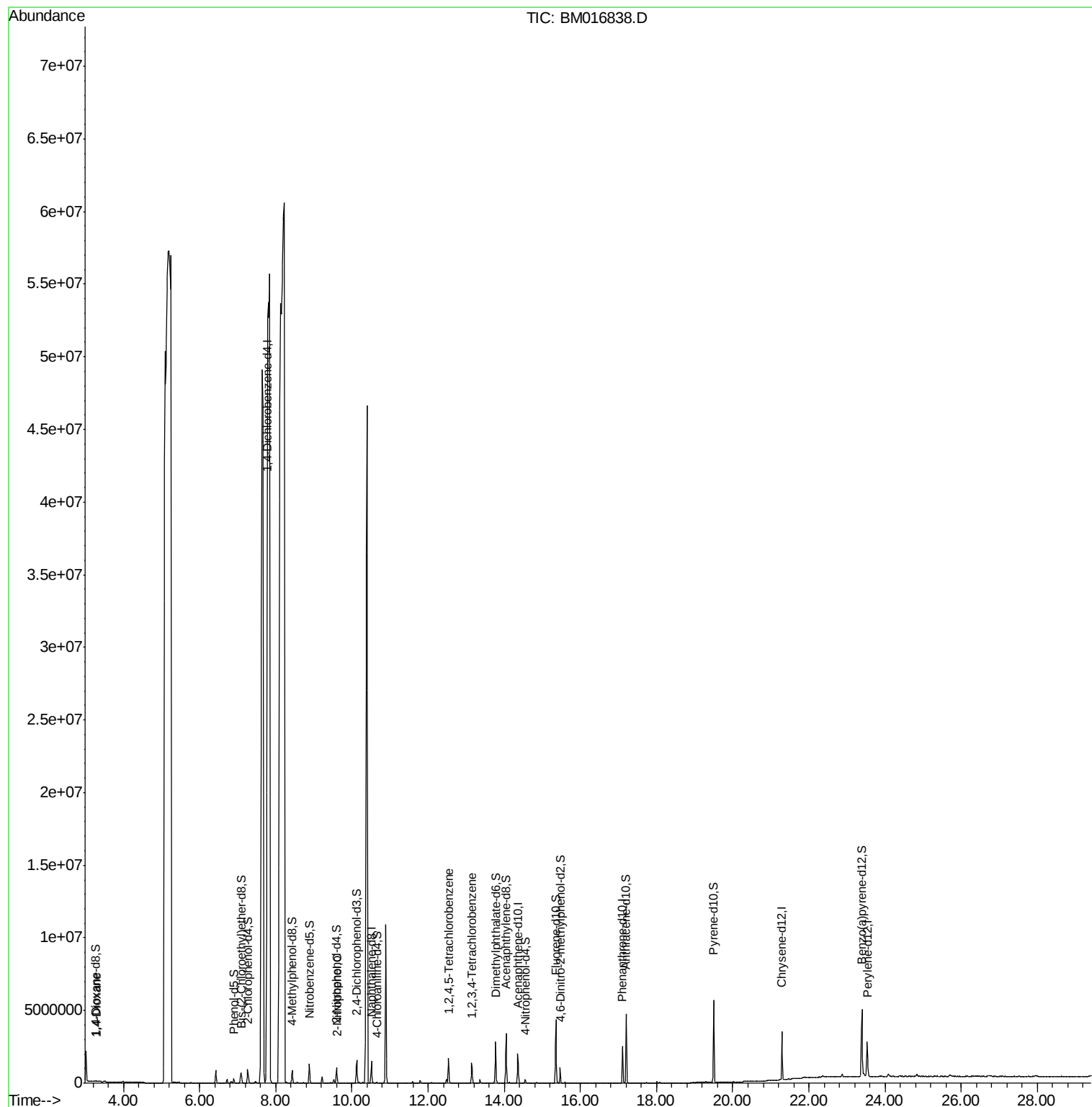
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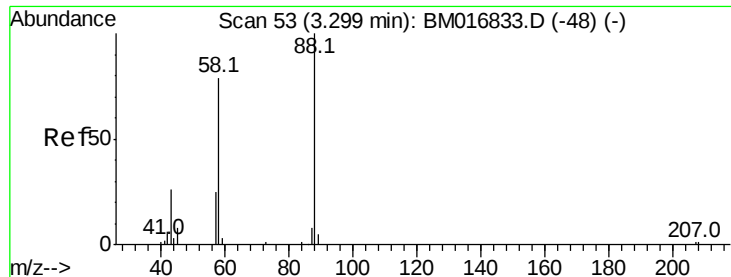
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#2

1,4-Dioxane

Concen: 1.618 ng/uL

RT: 3.31 min Scan# 55

Delta R.T. 0.01 min

Lab File: BM016838.D

Acq: 21 Sep 2018 18:41

Instrument :

BNA_M

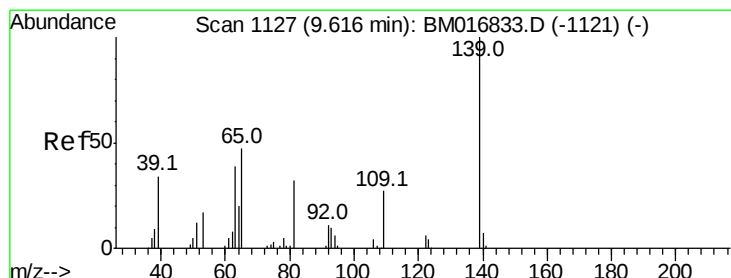
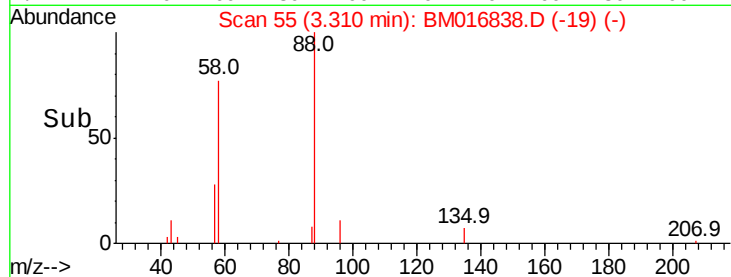
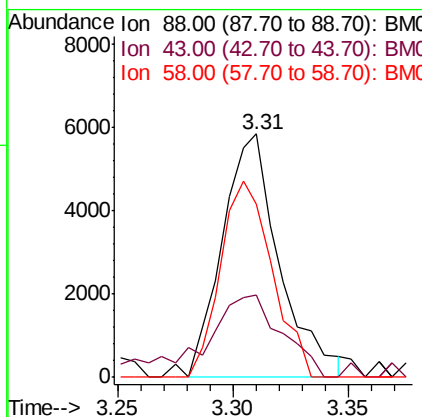
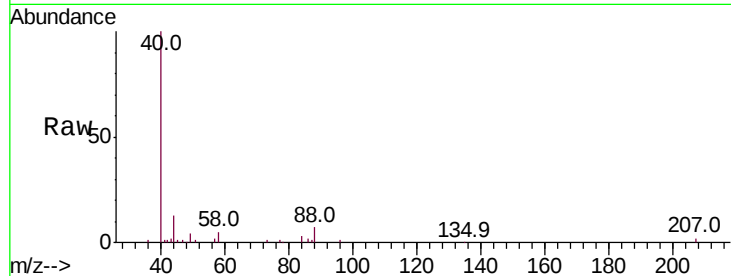
ClientSampleId :

C08J8

Tot Ion:	88	Resp:	10047
Ion Ratio	Lower	Upper	
88	100		
43	33.8	29.0	43.4
58	71.1	45.9	68.9#

Manual Integrations
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#23

2-Nitrophenol

Concen: 2.203 ng/uL

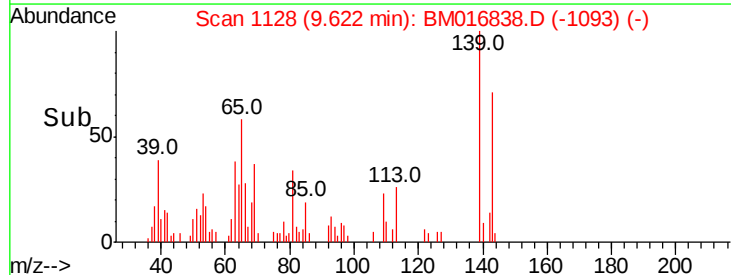
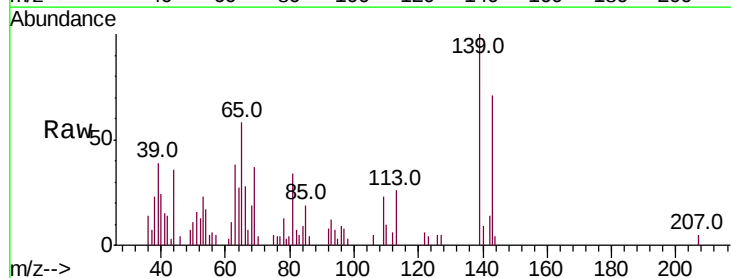
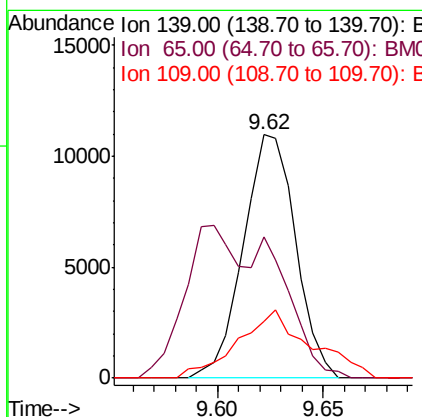
RT: 9.62 min Scan# 1128

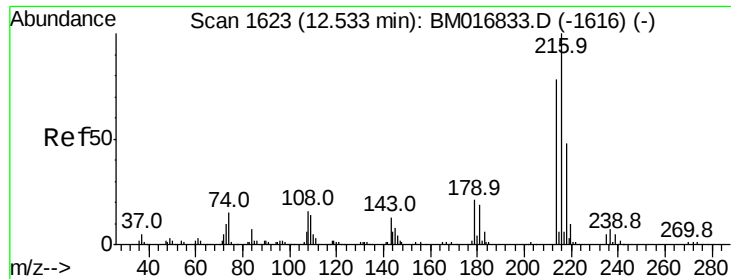
Delta R.T. 0.01 min

Lab File: BM016838.D

Acq: 21 Sep 2018 18:41

Tgt Ion:	139	Resp:	18928
Ion Ratio	Lower	Upper	
139	100		
65	57.9	45.3	67.9
109	23.4	27.7	41.5#





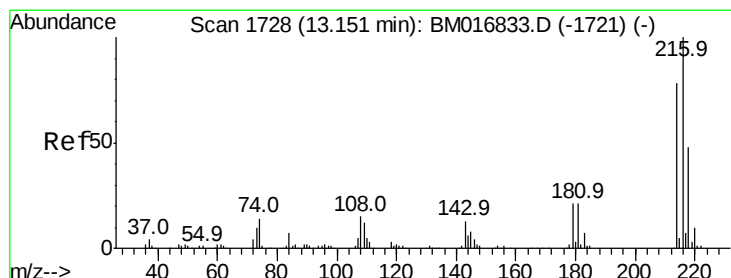
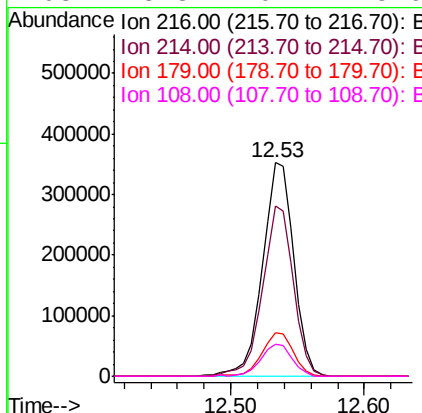
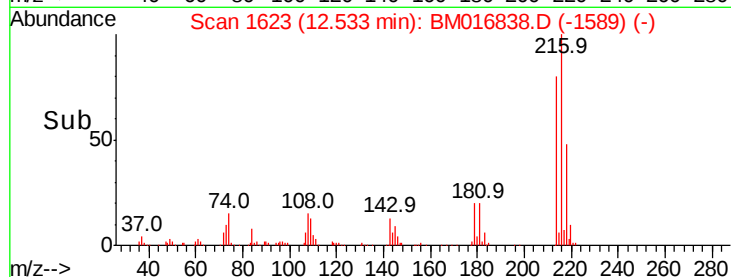
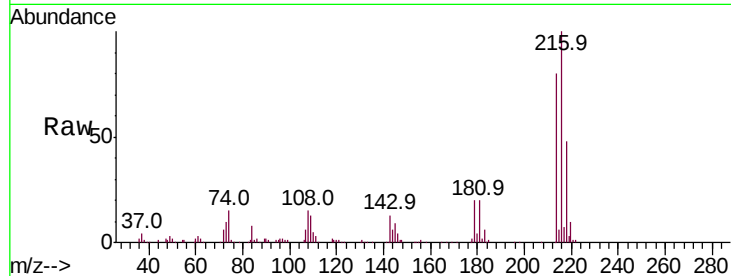
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.622 ng/uL
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BM016838.D
 Acq: 21 Sep 2018 18:41

Instrument :
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 ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
216	100	570746		
214	79.7	64.1	96.1	
179	20.3	14.5	21.7	
108	15.3	10.4	15.6	

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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 18.551 ng/uL
 RT: 13.15 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BM016838.D
 Acq: 21 Sep 2018 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	438953		
214	76.3	64.1	96.1	
218	47.9	39.4	59.0	

