

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092018\
 Data File : BM016819.D
 Acq On : 20 Sep 2018 11:27
 Operator : SJ/JU
 Sample : J4896-16DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C08N7DL

Manual Integrations
 APPROVED

Sohil
 9/21/2018 2:06:43 PM

Quant Time: Sep 21 02:38:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 21 02:02:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	302511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1229457	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.36	164	643979	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1359307	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1401757	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1488719	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	6406	0.91	ng/uL	0.00
5) Phenol-d5	6.89	99	105245	4.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	71036	4.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	89979	4.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	85423	4.33	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	39053	4.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	34398	4.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	76523	4.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	100419	4.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	235764	4.56	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	256423	3.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	26447	3.12	ng/ul	0.00
58) Fluorene-d10	15.35	176	207898	4.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	16728	3.00	ng/ul	0.00
71) Anthracene-d10	17.20	188	289591	4.42	ng/ul	0.00
79) Pyrene-d10	19.50	212	316247	4.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	337049	4.34	ng/ul	0.00

Target Compounds

					Ovalue
20) Nitrobenzene	8.92	77	81124	3.970 ng/ul#	89
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	322226m	14.569 ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	1026603	45.632 ng/uL	97
74) Pentachlorobenzene	14.67	250	27401	1.350 ng/uL	99

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

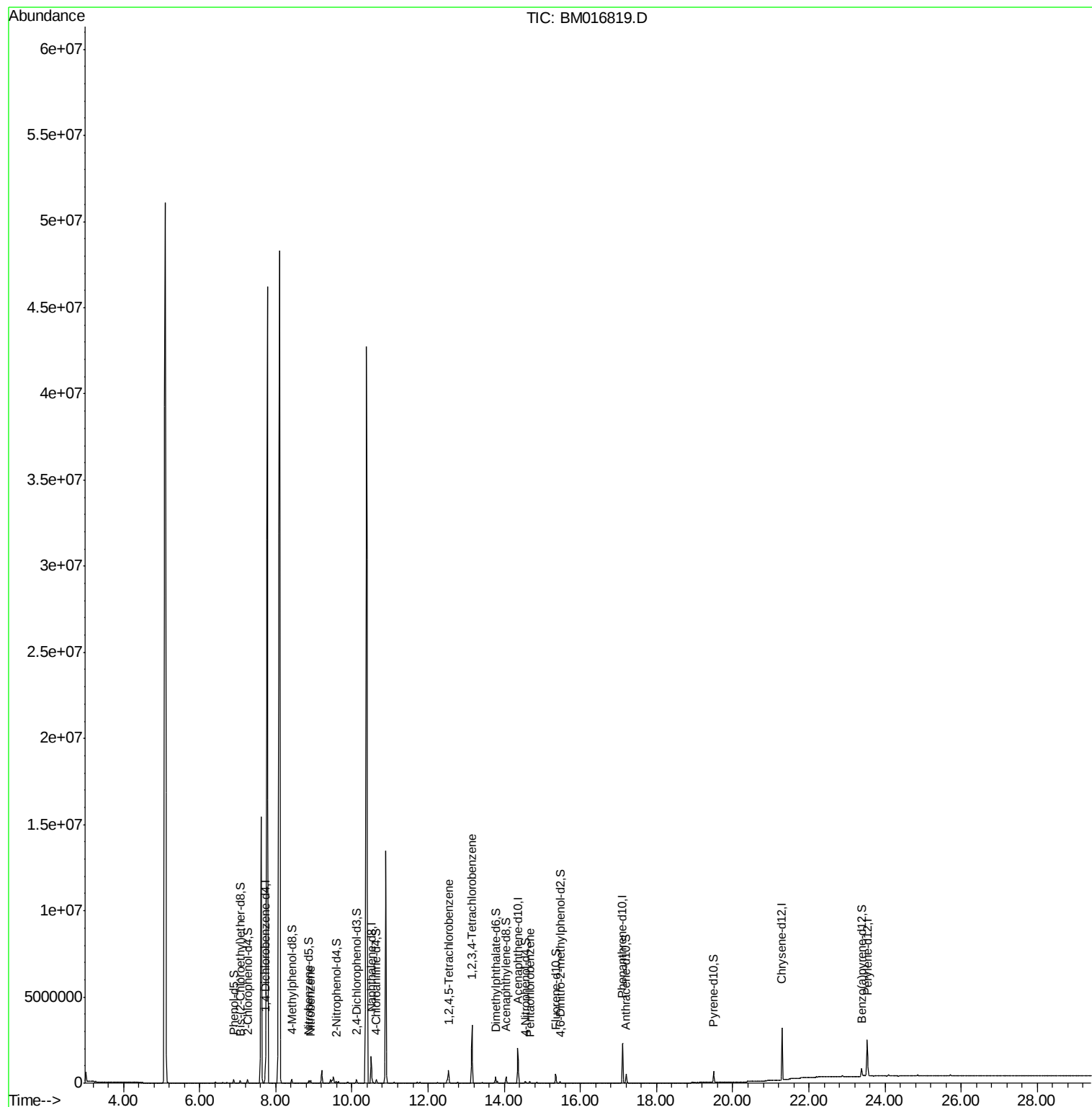
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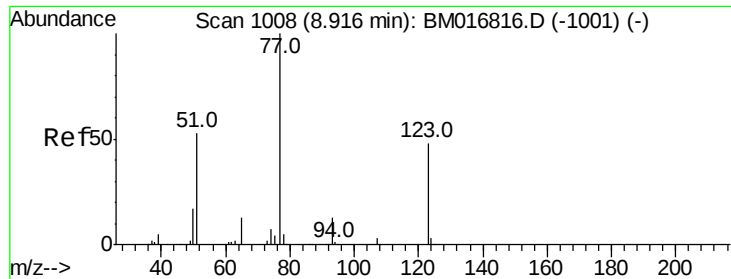
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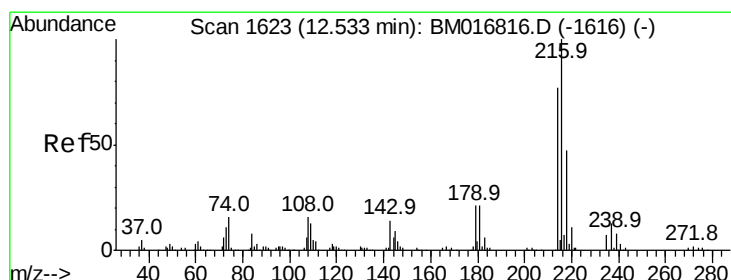
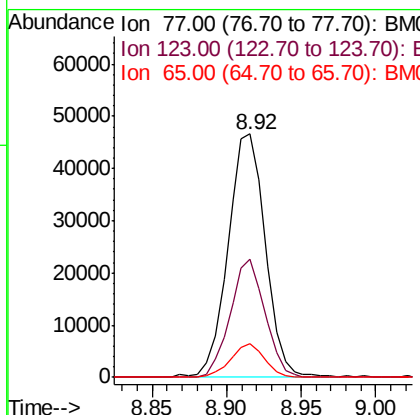
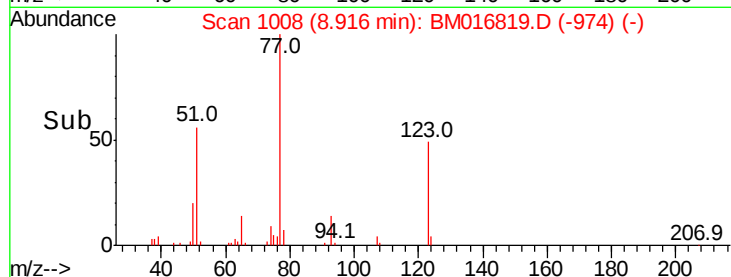
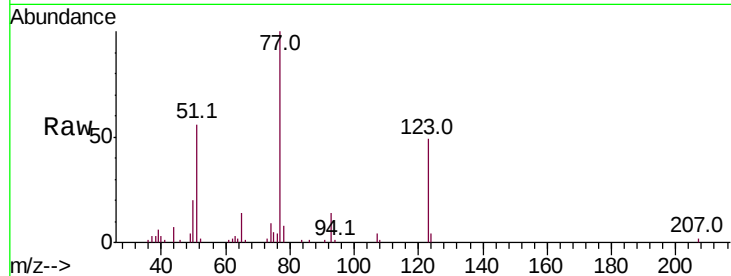
#20
Nitrobenzene
Concen: 3.970 ng/ul
RT: 8.92 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BM016819.D
Acq: 20 Sep 2018 11:27

Instrument :
BNA_M
ClientSampleId :
C08N7DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	48.7	31.8	47.8#
65	13.9	10.6	16.0

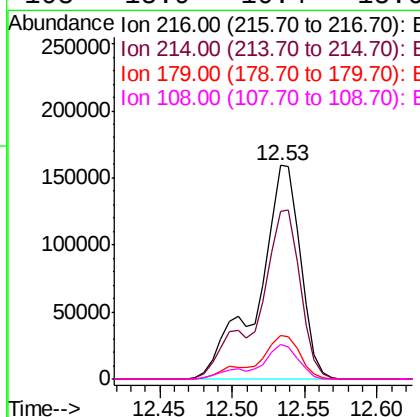
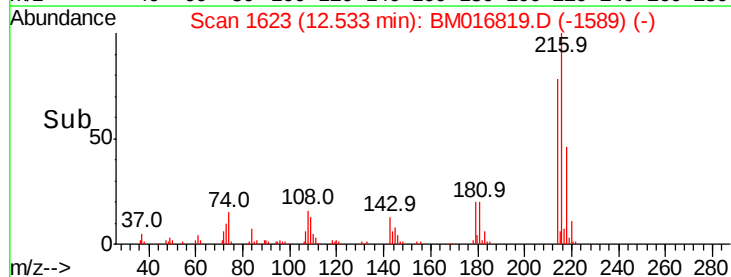
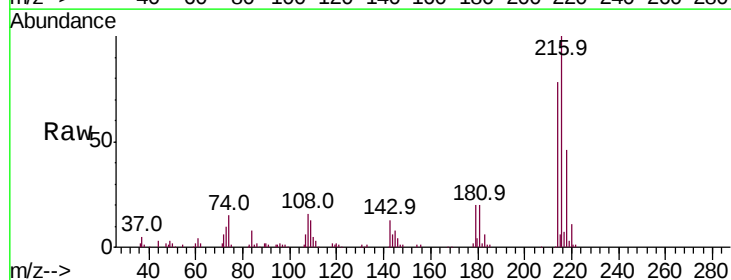
Manual Integrations
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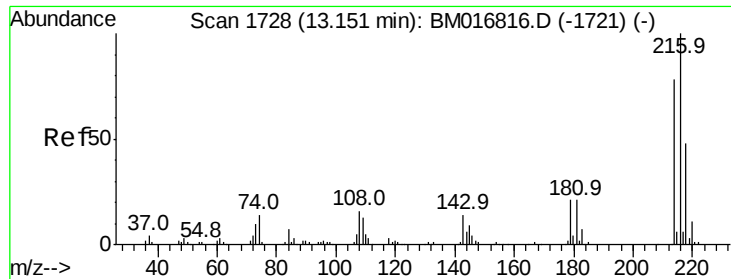
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 14.569 ng/ul m
RT: 12.53 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BM016819.D
Acq: 20 Sep 2018 11:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.1	96.1
179	20.4	14.5	21.7
108	15.9	10.4	15.6#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 45.632 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BM016819.D

Acq: 20 Sep 2018 11:27

Instrument :

BNA_M

ClientSampleId :

C08N7DL

Tot Ion:216 Resp: 1026603

Ion Ratio Lower Upper

216 100

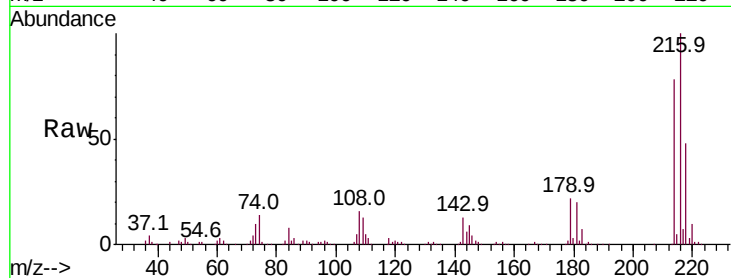
214 77.7 64.1 96.1

218 47.6 39.4 59.0

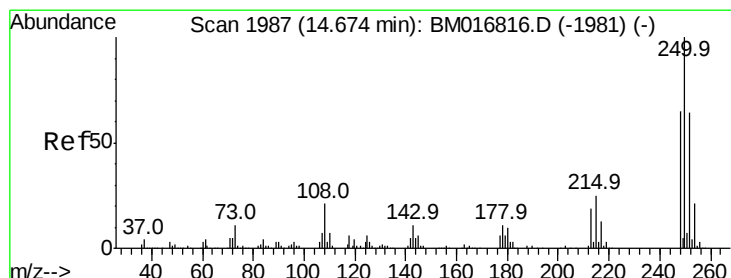
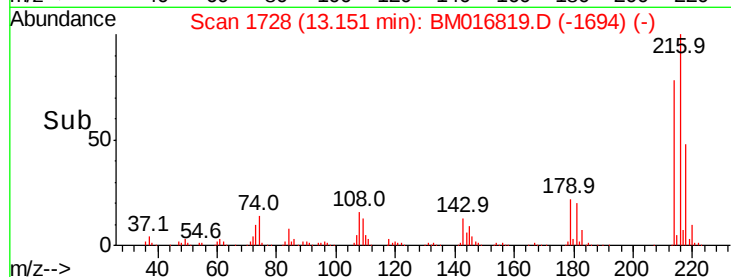
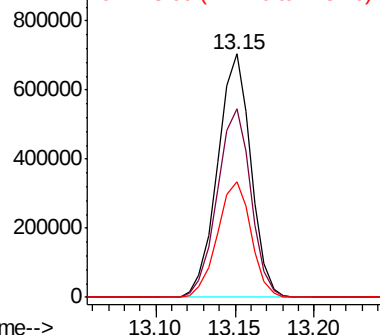
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#74

Pentachlorobenzene

Concen: 1.350 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM016819.D

Acq: 20 Sep 2018 11:27

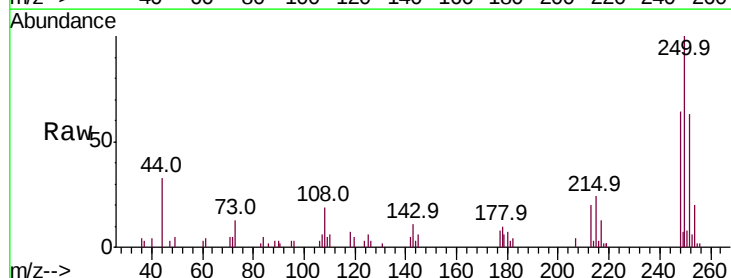
Tgt Ion:250 Resp: 27401

Ion Ratio Lower Upper

250 100

248 64.1 51.4 77.2

252 62.9 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E

