

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
 Data File : BM025843.D
 Acq On : 27 Mar 2020 18:18
 Operator : CG/JU
 Sample : L1968-04DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DD3DL

Quant Time: Mar 28 00:10:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 27 23:44:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	208101	20.00	ng/ul	0.02
18) Naphthalene-d8	10.33	136	797375	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	484651	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1088841	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1215037	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1371320	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	6.75	99	14820	0.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	48817	5.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	52927	3.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	29610	2.19	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	33240	5.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	32355	5.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	60015	4.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	2823	0.19	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	222342	6.04	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	256200	5.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	4400	0.63	ng/ul	0.01
58) Fluorene-d10	15.20	176	199242	6.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	21859	3.29	ng/ul	0.00
71) Anthracene-d10	17.04	188	311165	6.12	ng/ul	0.00
79) Pyrene-d10	19.34	212	349923	6.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	432794	6.16	ng/ul	0.00

Target Compounds

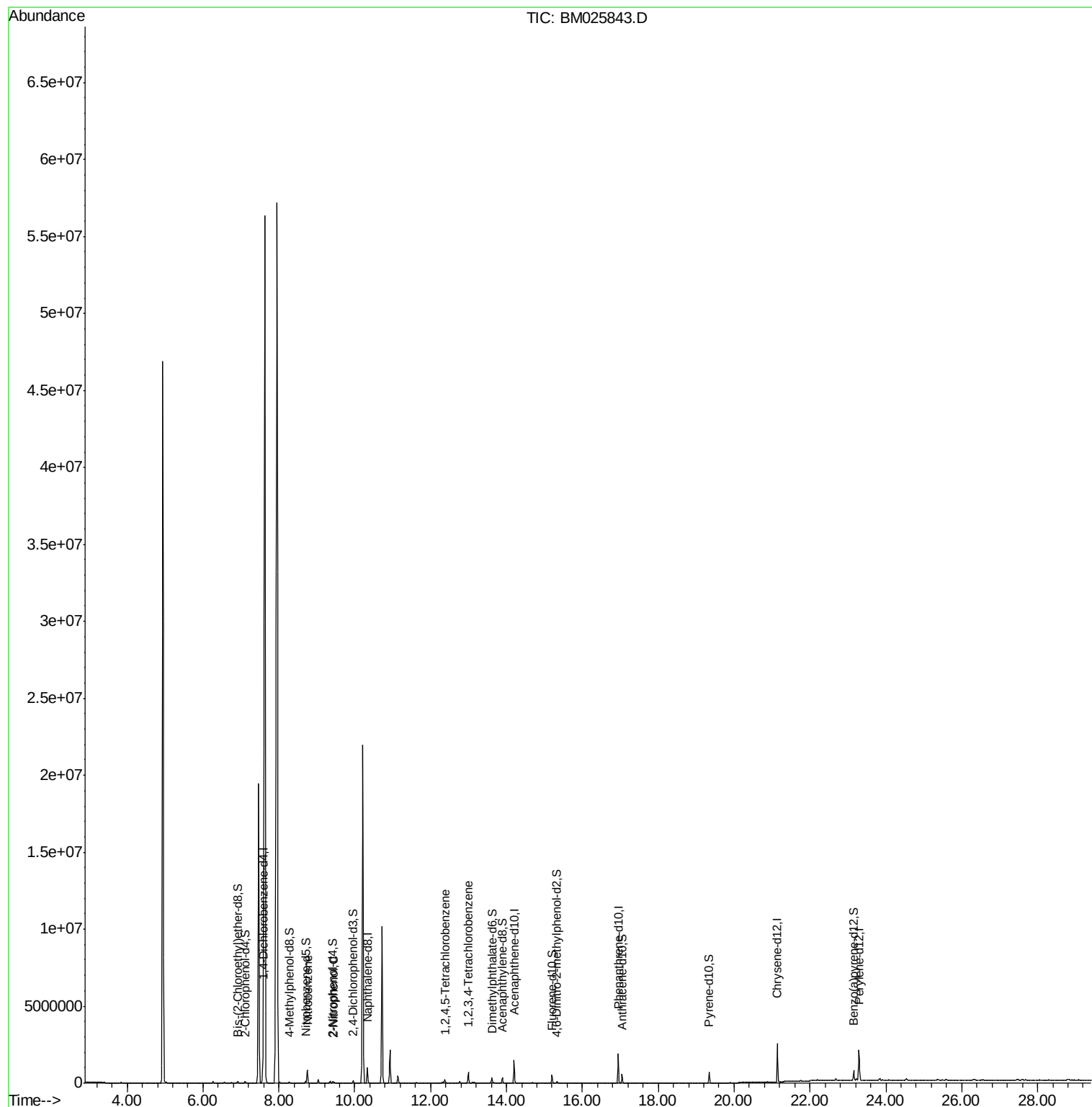
				Ovalue	
20) Nitrobenzene	8.75	77	444910	30.814	ng/ul 99
23) 2-Nitrophenol	9.45	139	9644	1.363	ng/ul# 88
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	82968	5.413	ng/ul 99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	212444	12.733	ng/uL 95

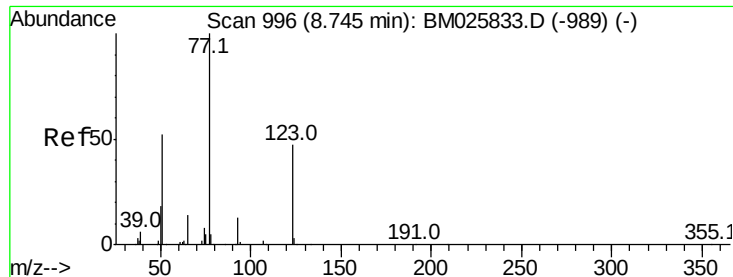
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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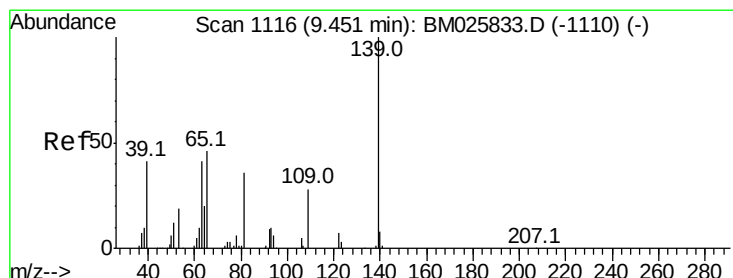
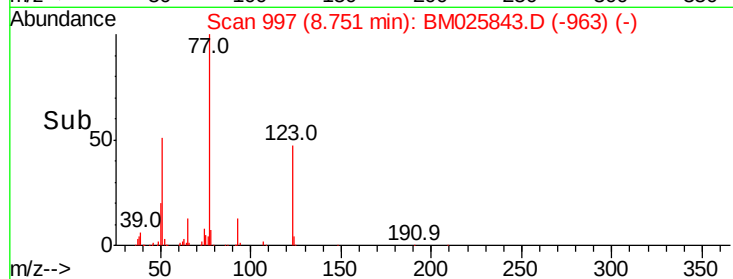
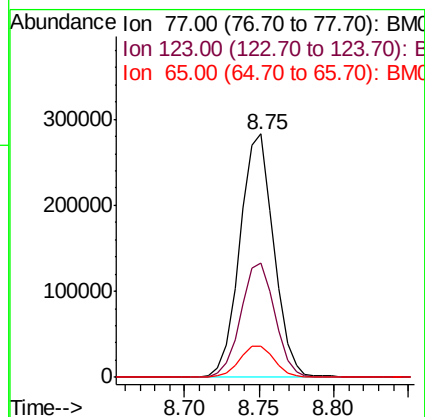
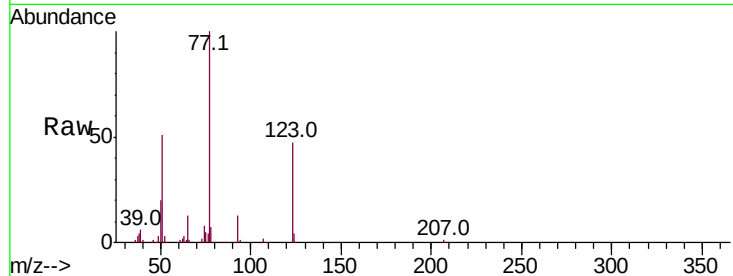




#20
Nitrobenzene
Concen: 30.814 ng/ul
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BM025843.D
Acq: 27 Mar 2020 18:18

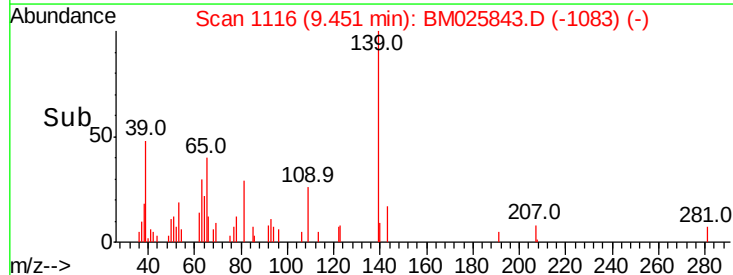
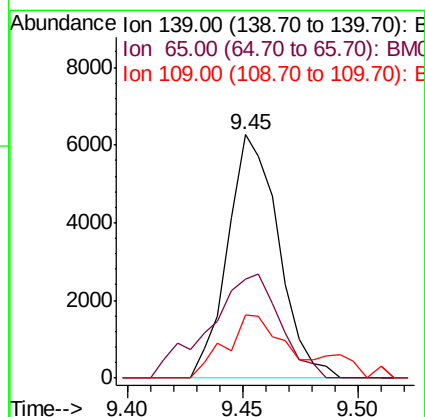
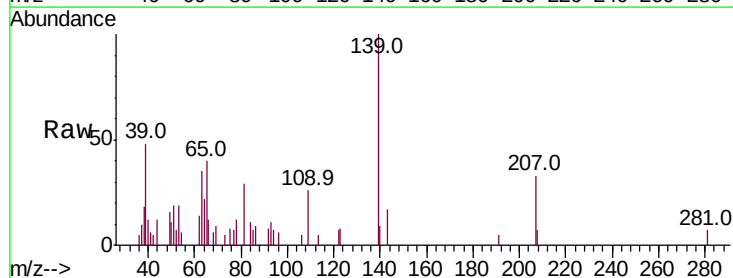
Instrument :
BNA_M
ClientSampleId :
C0DD3DL

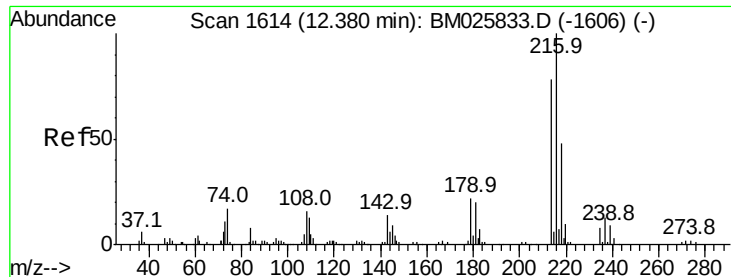
Tot Ion: 77 Resp: 444910
Ion Ratio Lower Upper
77 100
123 47.0 37.7 56.5
65 12.7 11.1 16.7



#23
2-Nitrophenol
Concen: 1.363 ng/ul
RT: 9.45 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM025843.D
Acq: 27 Mar 2020 18:18

Tgt Ion: 139 Resp: 9644
Ion Ratio Lower Upper
139 100
65 40.4 40.6 61.0#
109 25.8 23.8 35.8





#37

1,2,4,5-Tetrachlorobenzene

Concen: 5.413 ng/ul

RT: 12.38 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BM025843.D

Acq: 27 Mar 2020 18:18

Instrument :

BNA_M

ClientSampleId :

C0DD3DL

Tot Ion:216 Resp: 82968

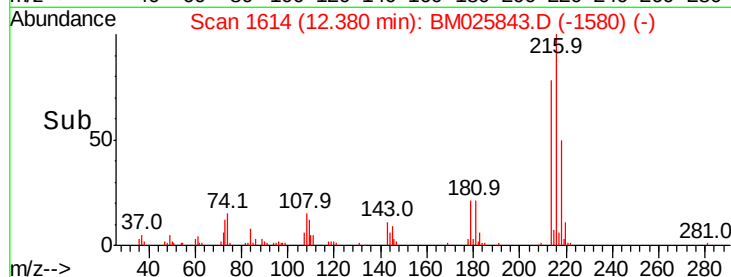
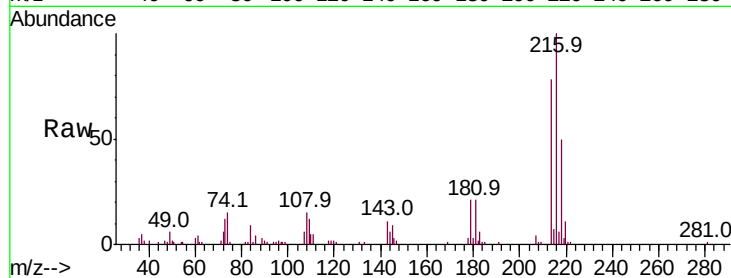
Ion Ratio Lower Upper

216 100

214 78.2 61.9 92.9

179 21.4 16.6 24.8

108 15.3 13.0 19.6

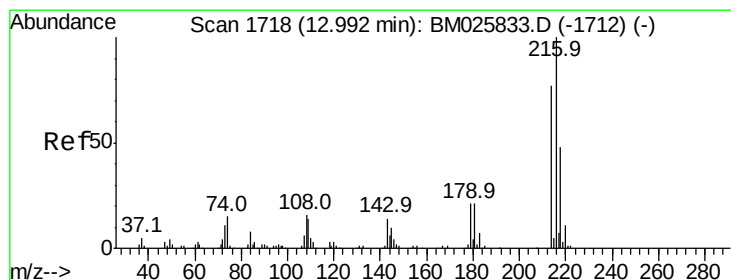
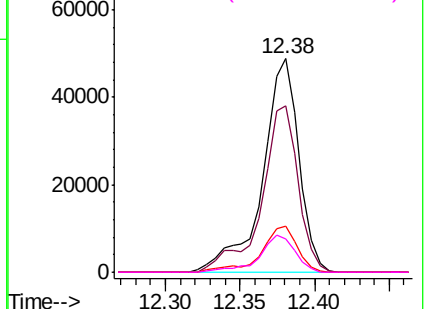


Abundance Ion 216.00 (215.70 to 216.70): E

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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 12.733 ng/uL

RT: 12.99 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BM025843.D

Acq: 27 Mar 2020 18:18

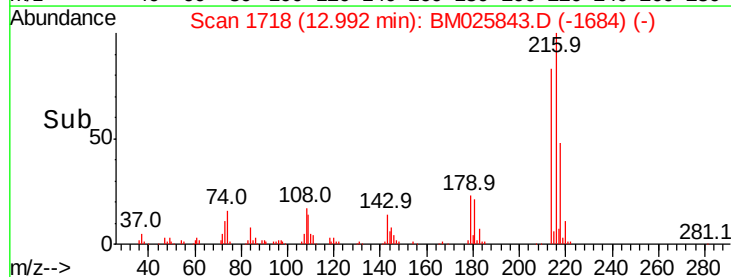
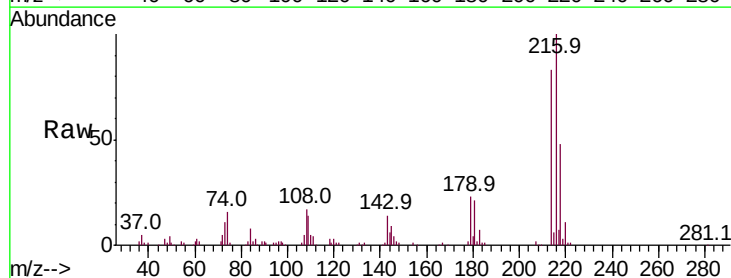
Tgt Ion:216 Resp: 212444

Ion Ratio Lower Upper

216 100

214 82.8 61.8 92.6

218 47.8 37.3 55.9



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

