

Data File : BM024500.D
Acq On : 17 Jan 2020 18:00
Operator : JU
Sample : L1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0D46

Quant Time: Jan 18 00:09:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 18 00:06:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	157423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	681797	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	514996	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1220922	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1325775	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	1479672	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	16156	5.02	ng/uL	0.00
5) Phenol-d5	6.65	99	65659	5.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	197669	30.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	249676	25.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	156392	14.54	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	174366	36.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	195568	37.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	349687	29.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	21439	1.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1491076	36.95	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1670380	35.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	40032	5.94	ng/ul	0.00
58) Fluorene-d10	15.10	176	1282183	36.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	237945	34.14	ng/ul	0.00
71) Anthracene-d10	16.95	188	2121052	37.36	ng/ul	0.00
79) Pyrene-d10	19.26	212	2590216	36.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	2887655	37.63	ng/ul	0.00

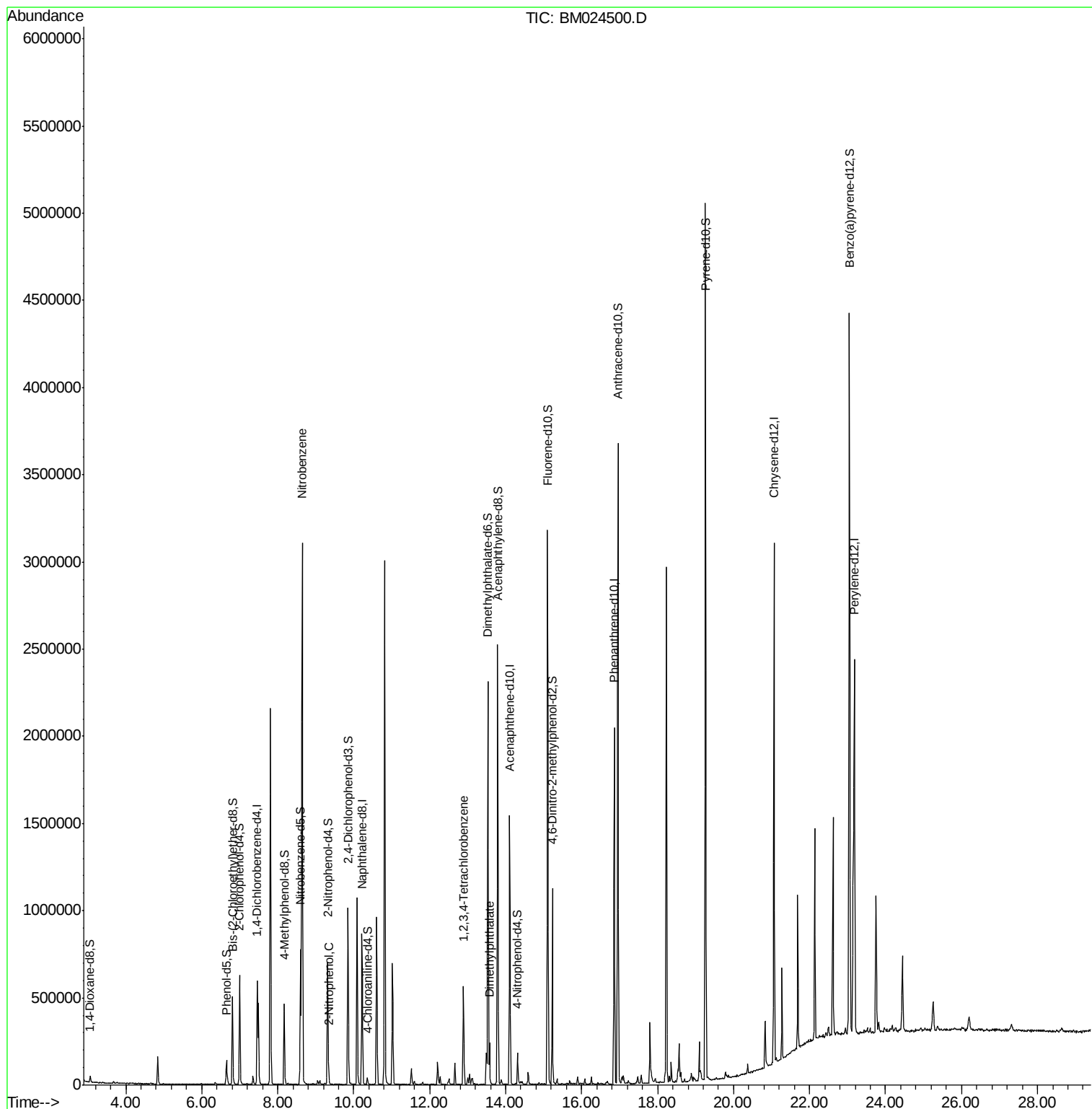
Target Compounds					Qvalue
20) Nitrobenzene	8.65	77	1507168	130.003 ng/ul	96
23) 2-Nitrophenol	9.35	139	14075	2.481 ng/ul	94
45) Dimethylphthalate	13.57	163	111928	2.729 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	167955	9.674 ng/uL	99

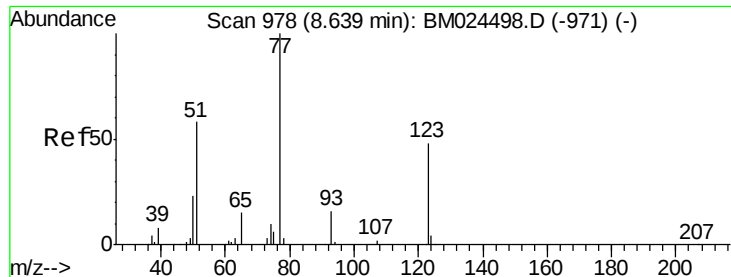
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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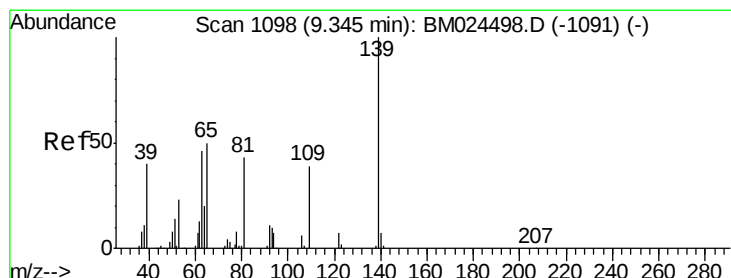
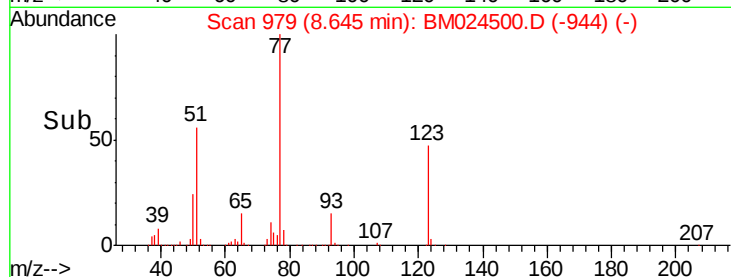
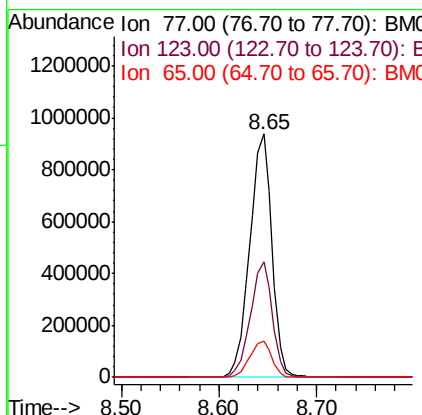
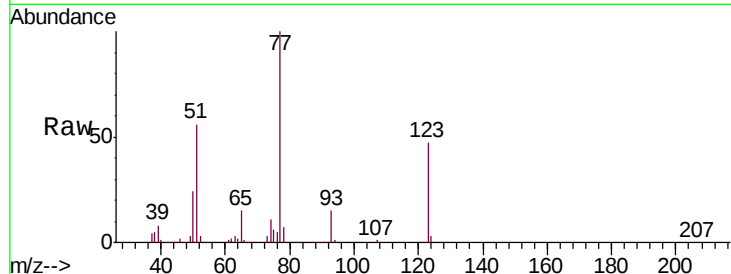




#20
Nitrobenzene
Concen: 130.003 ng/ul
RT: 8.65 min Scan# 979
Delta R.T. 0.01 min
Lab File: BM024500.D
Acq: 17 Jan 2020 18:00

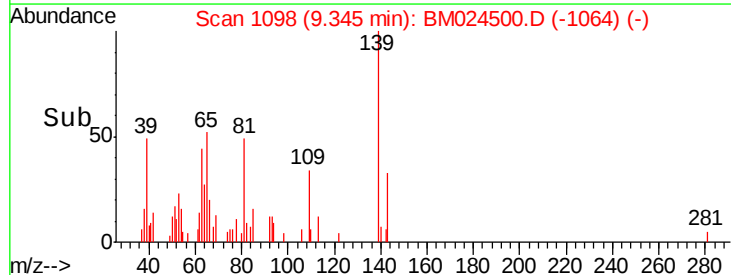
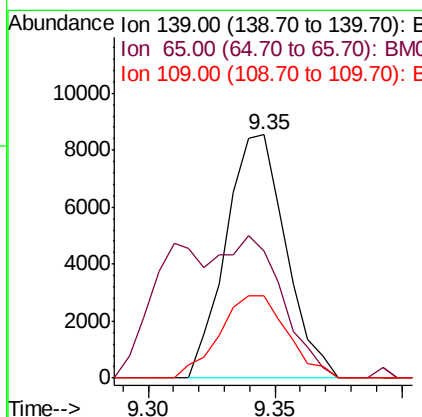
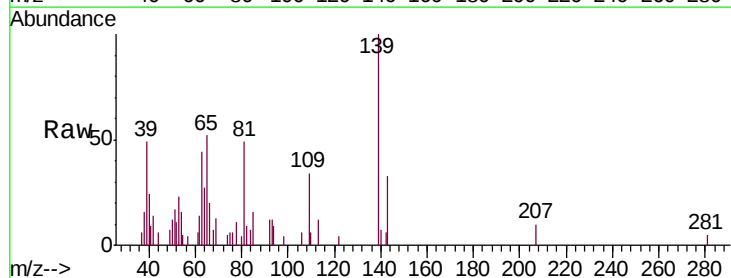
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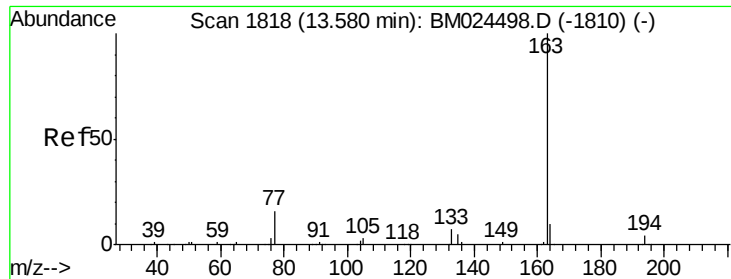
Tgt Ion: 77 Resp: 1507168
Ion Ratio Lower Upper
77 100
123 47.4 35.7 53.5
65 15.0 11.5 17.3



#23
2-Nitrophenol
Concen: 2.481 ng/ul
RT: 9.35 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BM024500.D
Acq: 17 Jan 2020 18:00

Tgt Ion: 139 Resp: 14075
Ion Ratio Lower Upper
139 100
65 52.2 43.9 65.9
109 33.6 31.4 47.0





#45

Dimethylphthalate

Concen: 2.729 ng/ul

RT: 13.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM024500.D

Acq: 17 Jan 2020 18:00

Instrument :

BNA_M

ClientSampleId :

C0D46

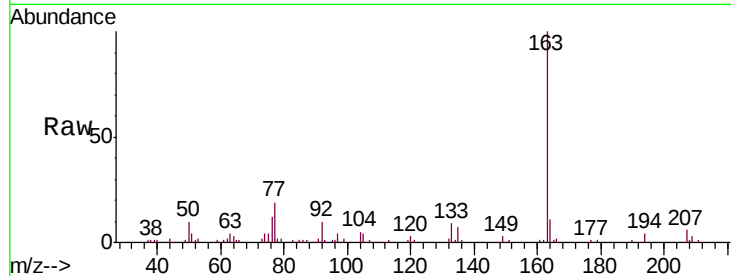
Tgt Ion:163 Resp: 111928

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

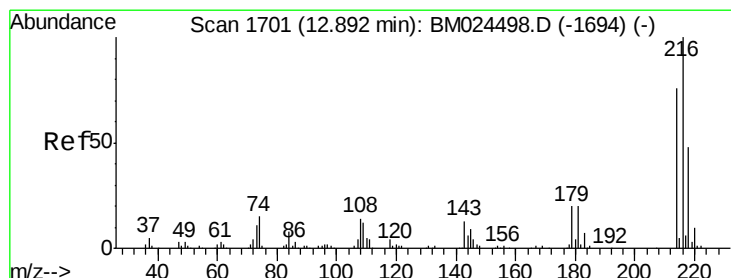
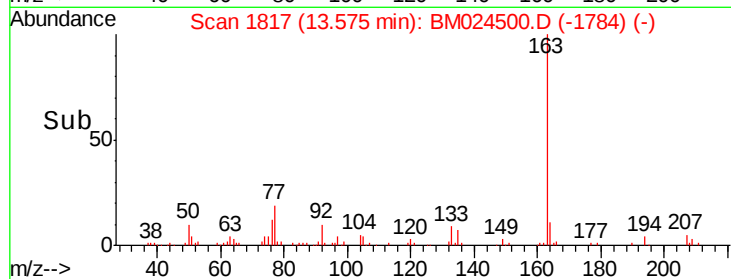
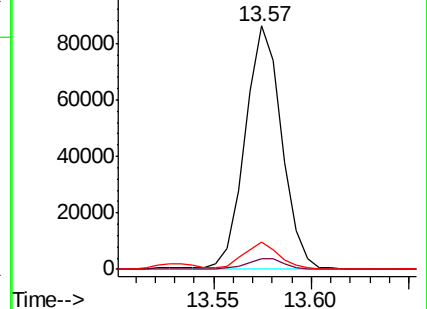
164 11.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 9.674 ng/uL

RT: 12.89 min Scan# 1701

Delta R.T. 0.00 min

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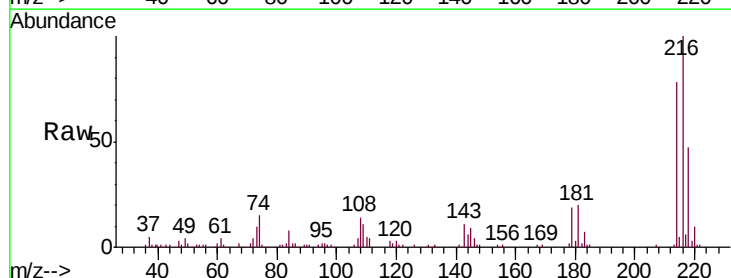
Tgt Ion:216 Resp: 167955

Ion Ratio Lower Upper

216 100

214 78.2 62.1 93.1

218 47.4 37.4 56.0



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

