

Data File : BM024384.D
Acq On : 30 Dec 2019 21:45
Operator : JU
Sample : K6356-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0D38

Quant Time: Dec 31 03:16:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 03:12:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	216084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	867771	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	498109	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1022891	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	990488	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1205193	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	28053	5.74	ng/uL	0.00
5) Phenol-d5	6.62	99	99605	4.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	347538	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	317254	21.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	196575	11.75	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	191247	30.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	211780	30.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	347985	26.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	21560	1.33	ng/ul	0.01
44) Dimethylphthalate-d6	13.50	166	1215247	32.99	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1432793	32.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	19310	2.92	ng/ul	0.04
58) Fluorene-d10	15.07	176	1048045	32.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	154596	24.77	ng/ul	0.00
71) Anthracene-d10	16.93	188	1608615	34.56	ng/ul	0.00
79) Pyrene-d10	19.24	212	1758423	37.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	2105089	35.16	ng/ul	0.00

Target Compounds					Qvalue
20) Nitrobenzene	8.60	77	1923500	110.976 ng/ul	98
23) 2-Nitrophenol	9.31	139	13577	1.799 ng/ul	93
45) Dimethylphthalate	13.55	163	117293	3.064 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	66572	5.186 ng/uL	97

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

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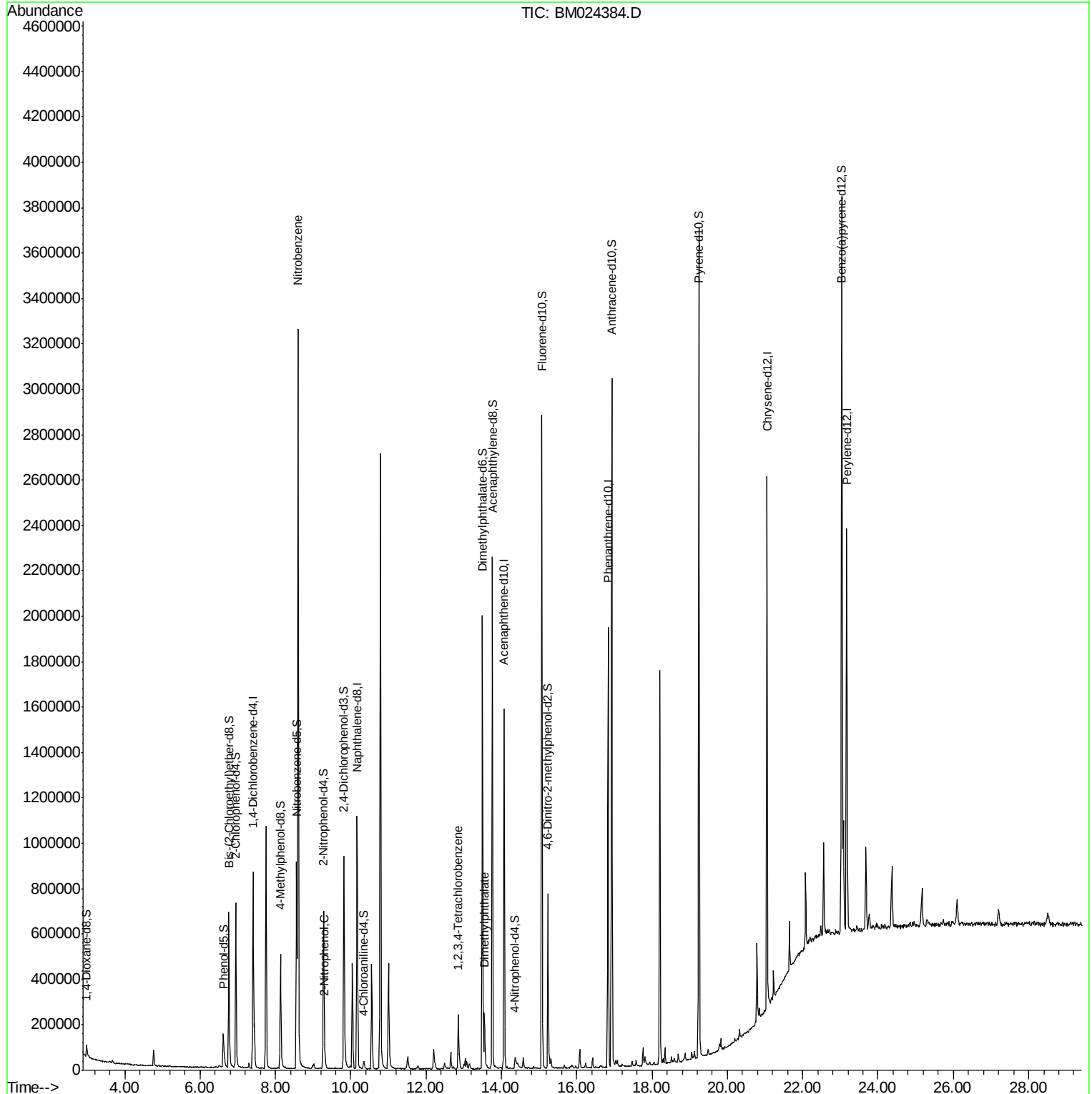
Quant Time: Dec 31 03:16:03 2019

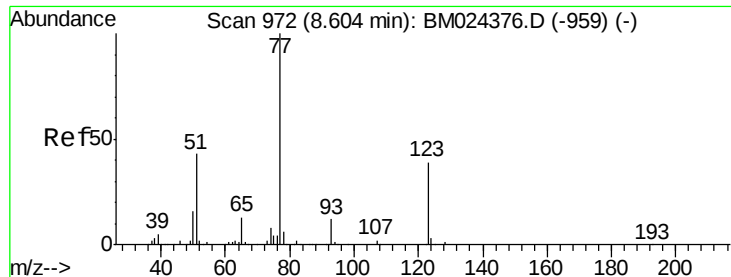
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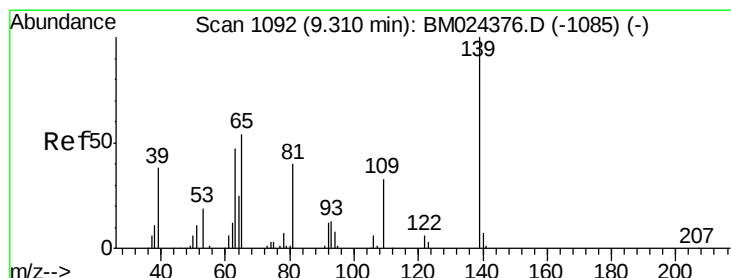
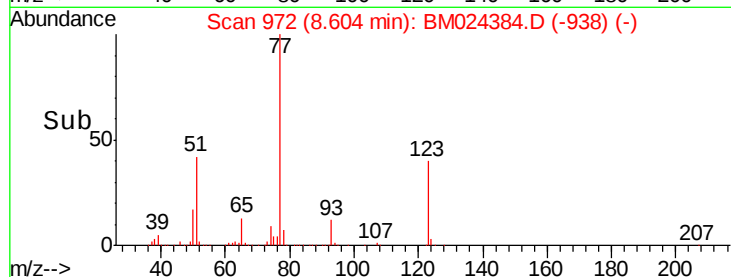
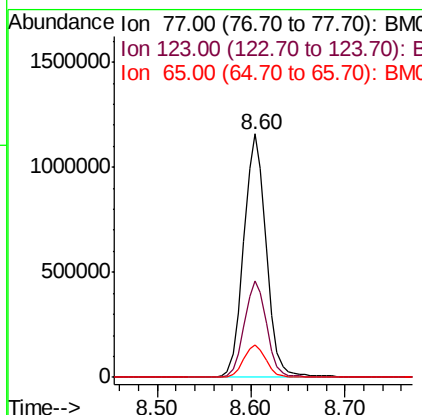
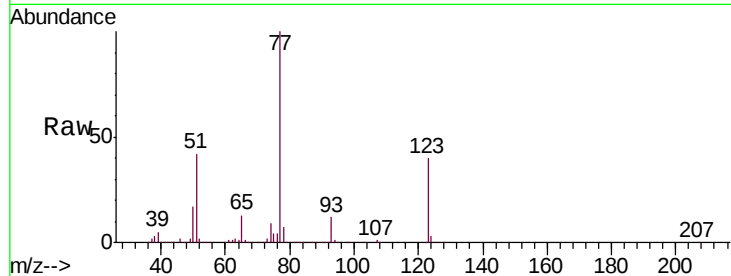




#20
Nitrobenzene
Concen: 110.976 ng/ul
RT: 8.60 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM024384.D
Acq: 30 Dec 2019 21:45

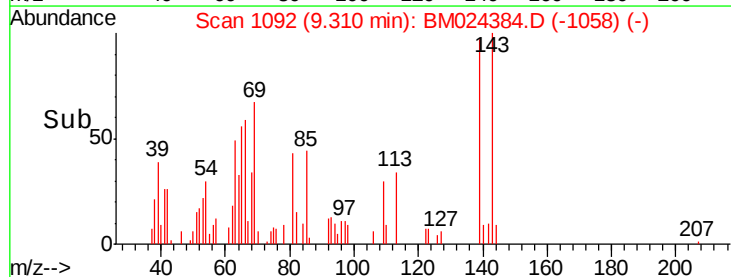
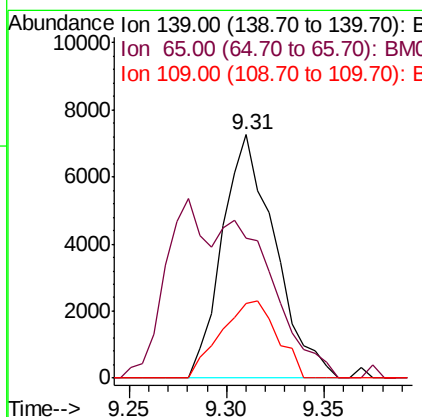
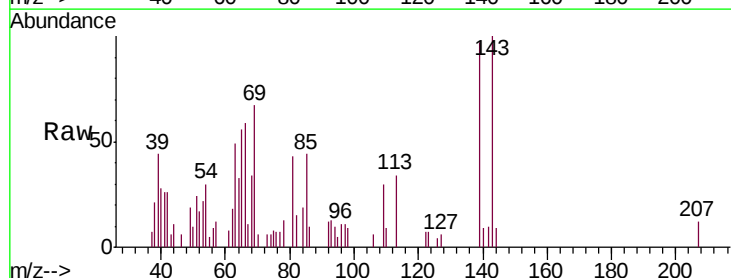
Instrument :
BNA_M
ClientSampled :
C0D38

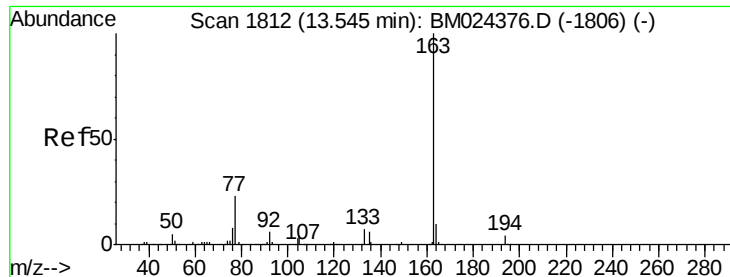
Tgt Ion: 77 Resp: 1923500
Ion Ratio Lower Upper
77 100
123 39.8 32.6 49.0
65 13.3 9.9 14.9



#23
2-Nitrophenol
Concen: 1.799 ng/ul
RT: 9.31 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BM024384.D
Acq: 30 Dec 2019 21:45

Tgt Ion: 139 Resp: 13577
Ion Ratio Lower Upper
139 100
65 57.5 40.2 60.2
109 30.5 24.6 37.0





#45

Dimethylphthalate

Concen: 3.064 ng/uL

RT: 13.55 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM024384.D

Acq: 30 Dec 2019 21:45

Instrument :

BNA_M

ClientSampleId :

C0D38

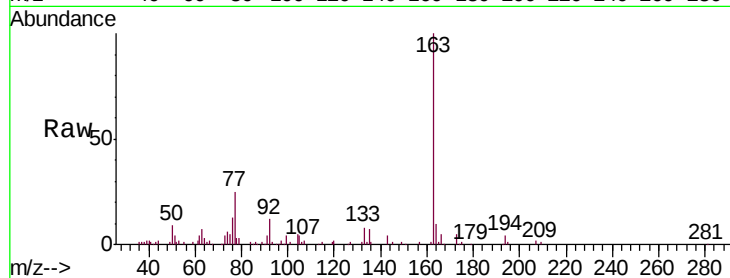
Tgt Ion:163 Resp: 117293

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

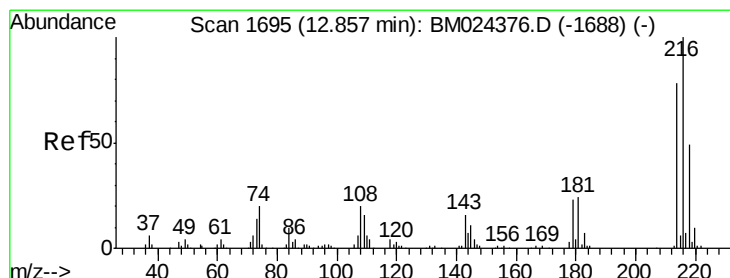
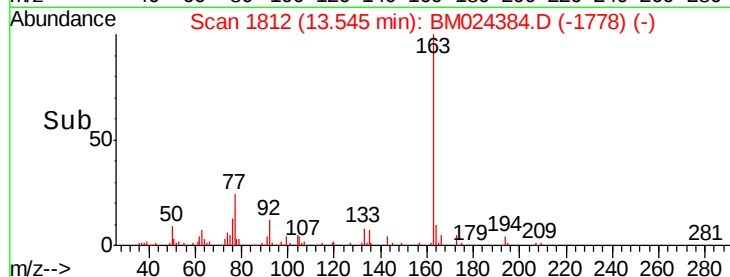
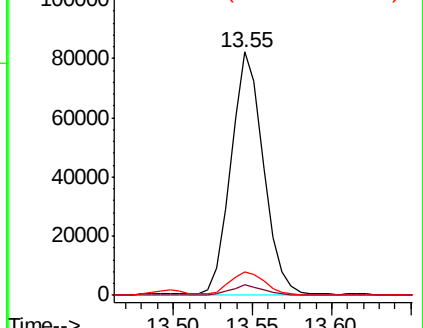
164 9.9 7.8 11.6



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: 5.186 ng/uL

RT: 12.86 min Scan# 1695

Delta R.T. 0.00 min

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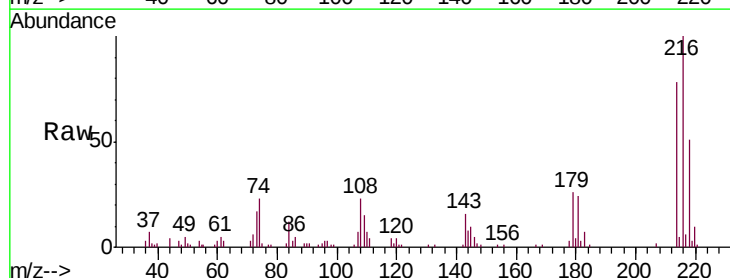
Tgt Ion:216 Resp: 66572

Ion Ratio Lower Upper

216 100

214 77.8 61.2 91.8

218 50.7 38.0 57.0



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

