

Data File : BM023648.D
Acq On : 11 Nov 2019 22:05
Operator : JU
Sample : K5559-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0CP8

Quant Time: Nov 12 00:06:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 12 00:02:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	371846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1713372	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1230685	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	2823445	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2651363	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2606313	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	49615	5.50	ng/uL	0.00
5) Phenol-d5	6.73	99	218886	6.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	563091	28.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	620634	25.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	439643	16.26	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	407059	33.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	472356	36.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	862734	29.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	71900	2.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	3453567	35.98	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	3674986	33.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	124877	7.62	ng/ul	0.00
58) Fluorene-d10	15.20	176	2903143	34.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	607681	37.21	ng/ul	0.00
71) Anthracene-d10	17.05	188	5155604	38.49	ng/ul	0.00
79) Pyrene-d10	19.36	212	5981144	43.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	5603530	40.86	ng/ul	0.00

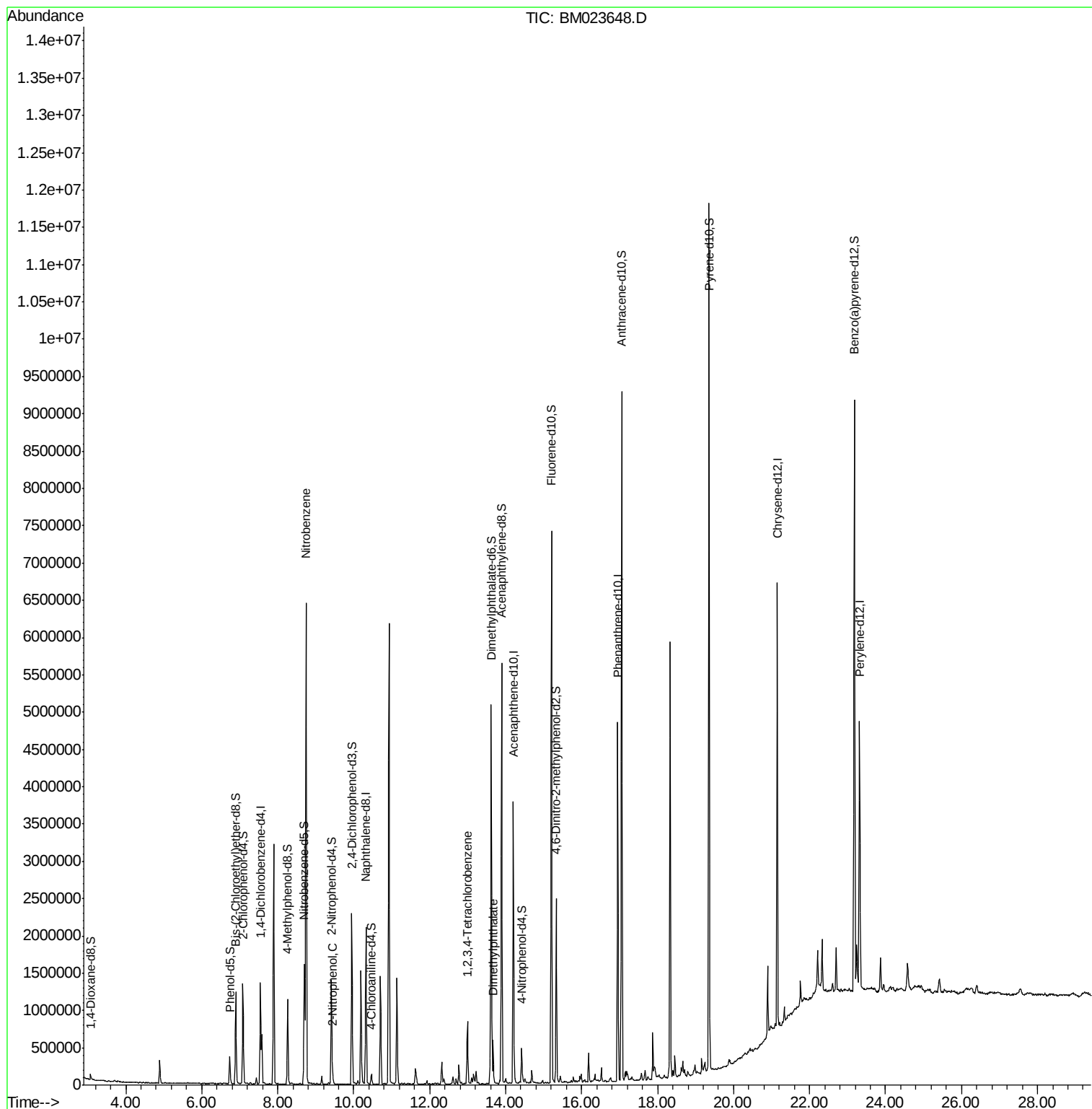
Target Compounds					Qvalue
20) Nitrobenzene	8.75	77	3886530	119.859 ng/ul	94
23) 2-Nitrophenol	9.45	139	33537	2.339 ng/ul	99
45) Dimethylphthalate	13.67	163	236763	2.517 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	268343	6.704 ng/uL	97

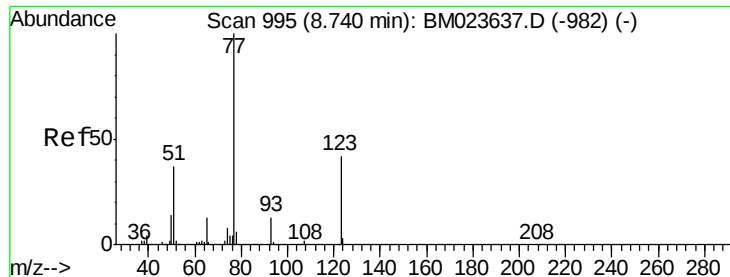
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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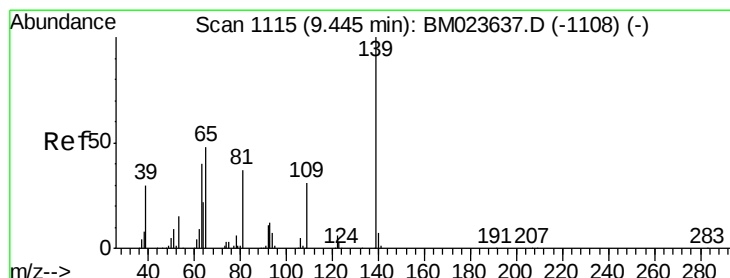
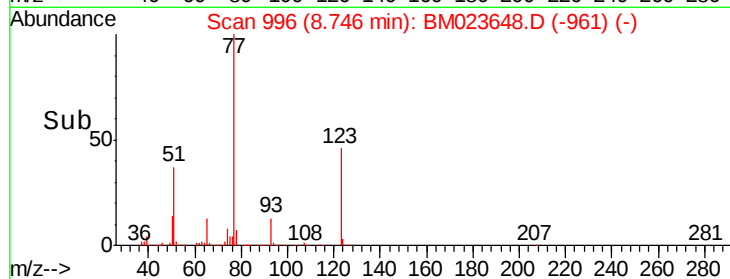
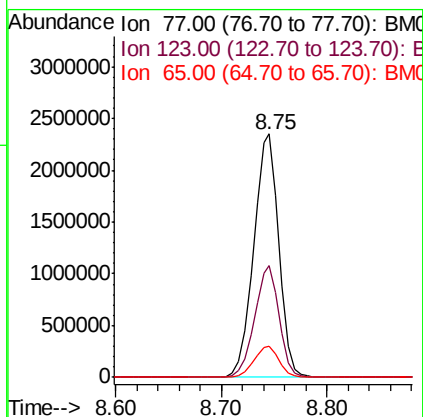
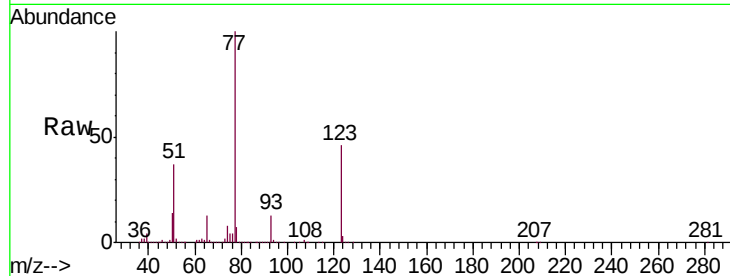




#20
 Nitrobenzene
 Concen: 119.859 ng/ul
 RT: 8.75 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: BM023648.D
 Acq: 11 Nov 2019 22:05

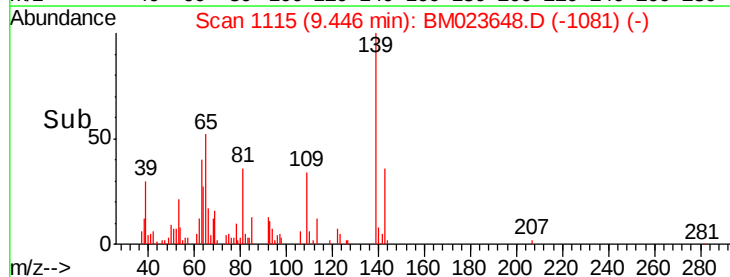
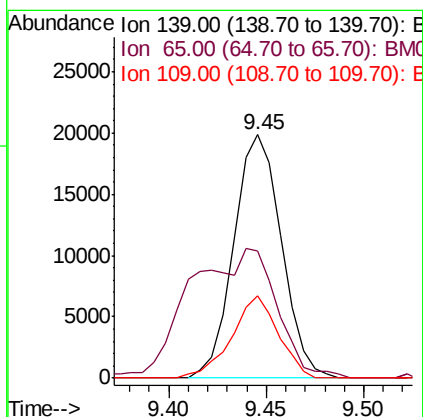
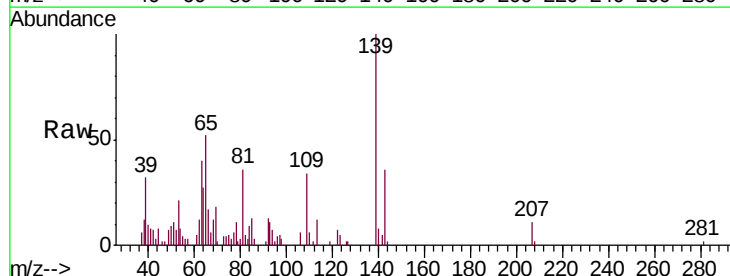
Instrument :
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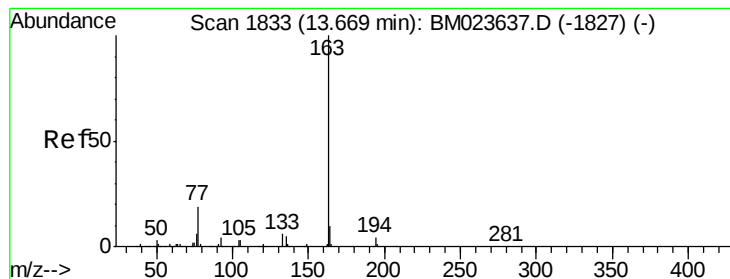
Tgt Ion: 77 Resp: 3886530
 Ion Ratio Lower Upper
 77 100
 123 45.9 33.1 49.7
 65 12.8 9.8 14.8



#23
 2-Nitrophenol
 Concen: 2.339 ng/ul
 RT: 9.45 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BM023648.D
 Acq: 11 Nov 2019 22:05

Tgt Ion: 139 Resp: 33537
 Ion Ratio Lower Upper
 139 100
 65 52.2 41.7 62.5
 109 33.7 26.1 39.1





#45

Dimethylphthalate

Concen: 2.517 ng/ul

RT: 13.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BM023648.D

Acq: 11 Nov 2019 22:05

Instrument :

BNA_M

ClientSampleId :

C0CP8

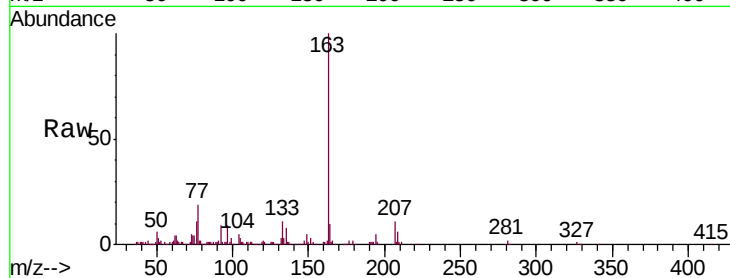
Tgt Ion:163 Resp: 236763

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

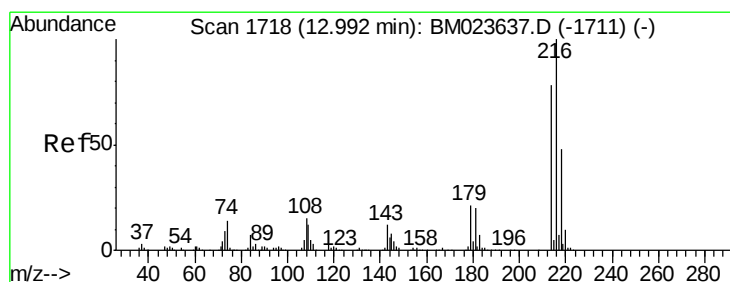
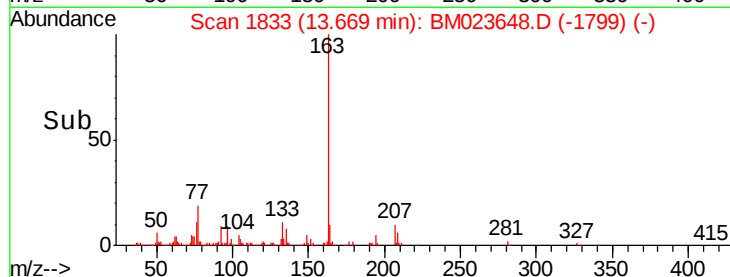
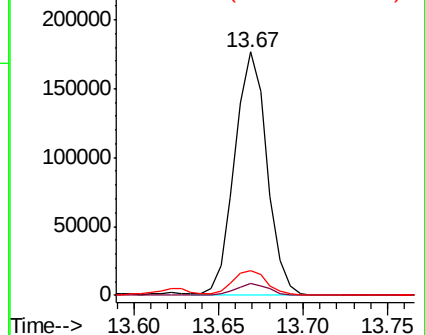
164 10.4 8.0 12.0



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: 6.704 ng/uL

RT: 12.99 min Scan# 1718

Delta R.T. 0.00 min

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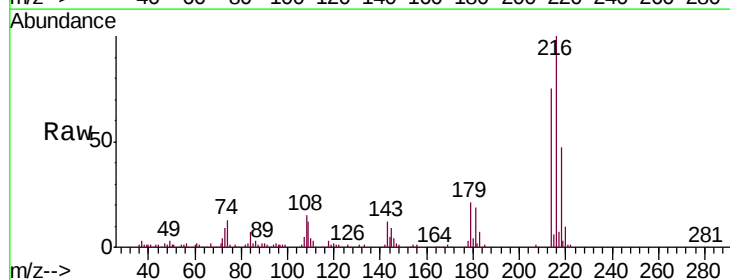
Tgt Ion:216 Resp: 268343

Ion Ratio Lower Upper

216 100

214 75.0 63.1 94.7

218 46.9 38.6 57.8



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

