

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
 Data File : BM026158.D
 Acq On : 28 May 2020 14:17
 Operator : MA/SJ
 Sample : L2781-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5CC1

Quant Time: May 28 14:50:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 28 11:12:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	154913	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	635364	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	359190	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	756000	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	814772	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	856635	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	4187	0.82	ng/uL	0.01
5) Phenol-d5	6.68	99	58339	4.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	51884	5.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	46331	4.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	41296	3.90	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	23384	4.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	21364	4.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	38420	3.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	39365	3.77	ng/ul	0.01
44) Dimethylphthalate-d6	13.55	166	158762	5.51	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	134352	3.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	10646	2.09	ng/ul	0.00
58) Fluorene-d10	15.13	176	116873	4.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	10874	2.47	ng/ul	0.00
71) Anthracene-d10	16.97	188	158776	4.26	ng/ul	0.00
79) Pyrene-d10	19.27	212	159958	3.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	151300	3.32	ng/ul	0.00

Target Compounds

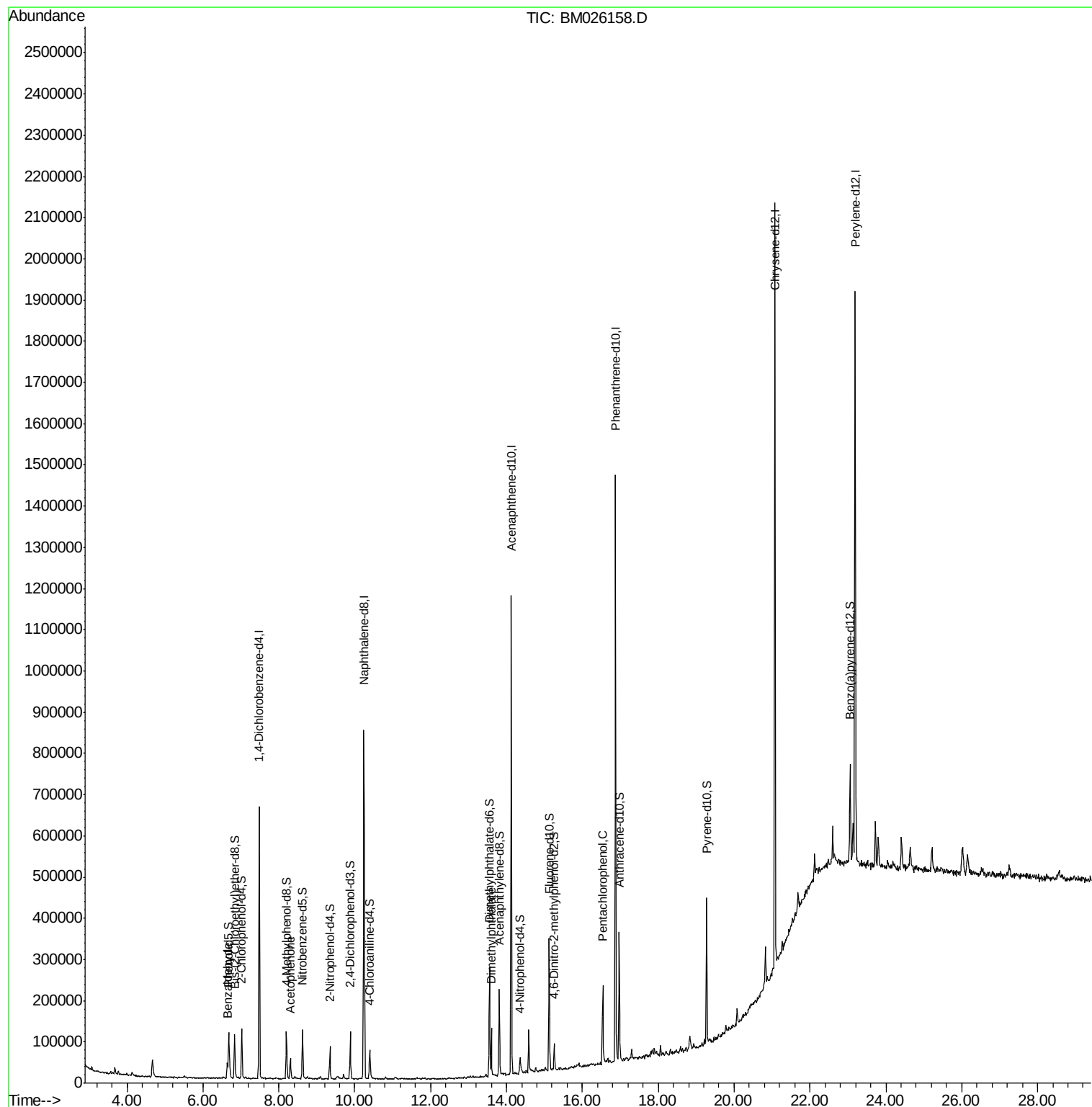
				Ovalue	
4) Benzaldehyde	6.65	77	14176	1.550	ng/ul 92
14) Acetophenone	8.30	105	26082	1.468	ng/ul# 94
45) Dimethylphthalate	13.60	163	68598	2.268	ng/ul 98
69) Pentachlorophenol	16.54	266	31860	5.844	ng/ul 97

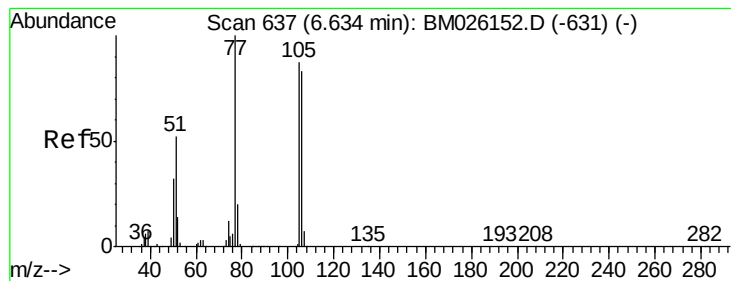
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.550 ng/ul

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM026158.D

Acq: 28 May 2020 14:17

Instrument :

BNA_M

ClientSampled :

C5CC1

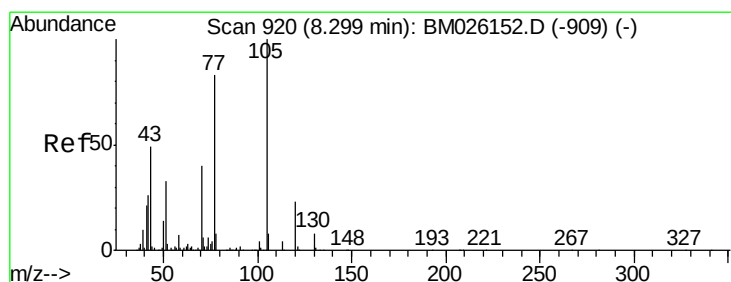
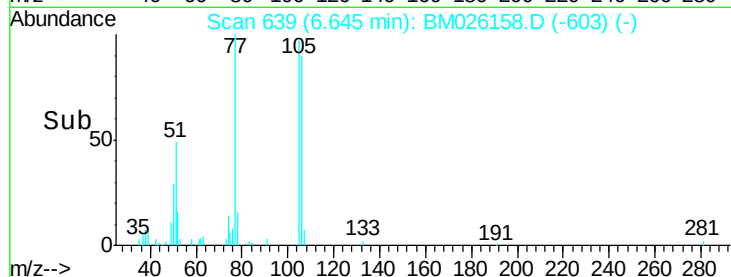
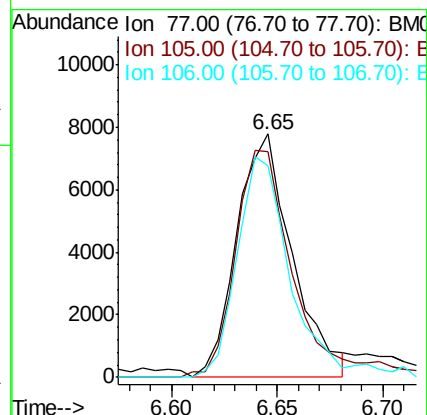
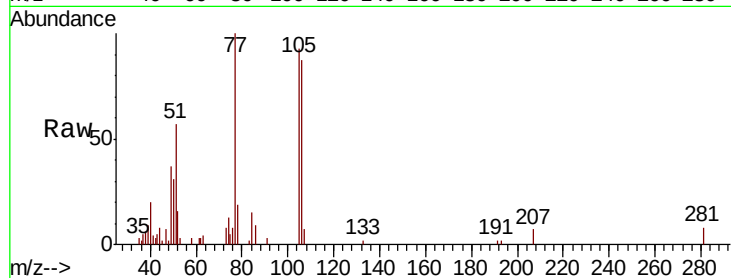
Tot Ion: 77 Resp: 14176

Ion Ratio Lower Upper

77 100

105 92.9 68.6 102.8

106 86.7 63.4 95.0



#14

Acetophenone

Concen: 1.468 ng/ul

RT: 8.30 min Scan# 921

Delta R.T. 0.01 min

Lab File: BM026158.D

Acq: 28 May 2020 14:17

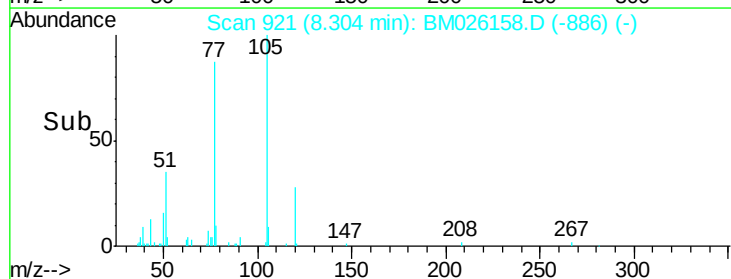
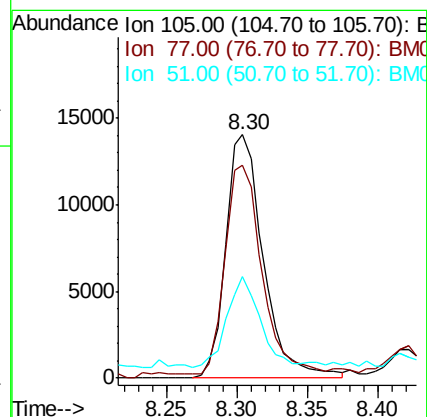
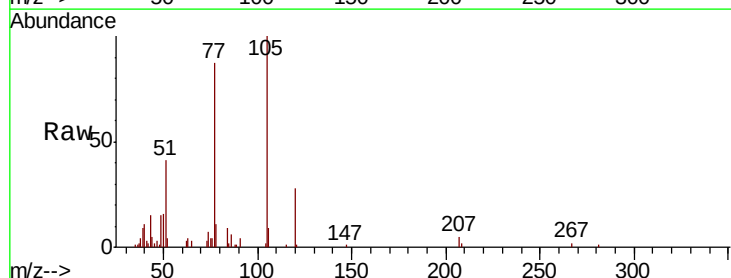
Tgt Ion: 105 Resp: 26082

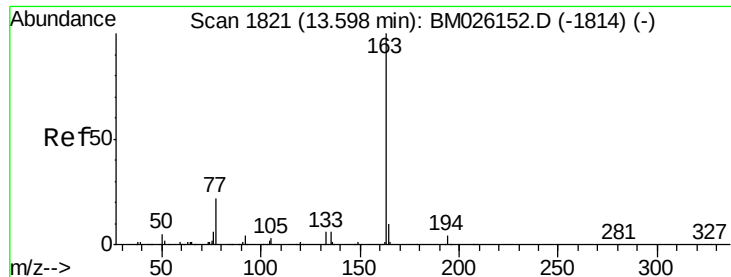
Ion Ratio Lower Upper

105 100

77 87.3 67.2 100.8

51 41.5 27.4 41.0#

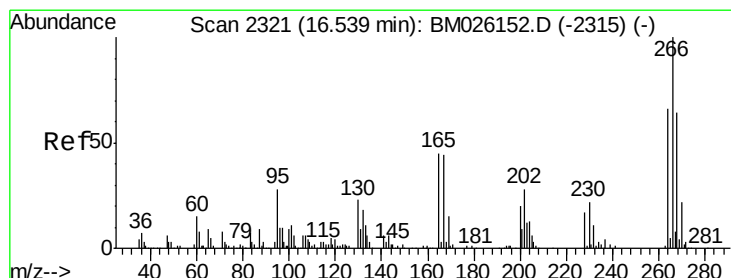
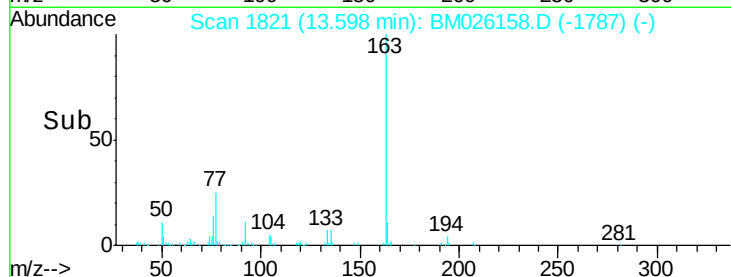
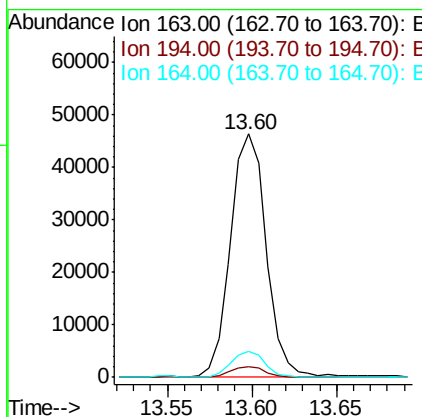
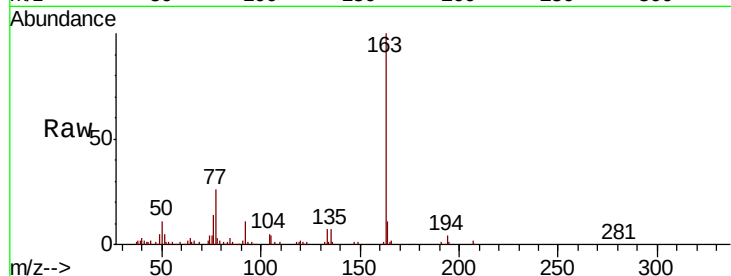




#45
Dimethylphthalate
Concen: 2.268 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. -0.00 min
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Tot Ion	163	Resp	68598
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	10.7	8.0	12.0



#69
Pentachlorophenol
Concen: 5.844 ng/ul
RT: 16.54 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BM026158.D
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Tgt Ion	266	Resp	31860
Ion Ratio	Lower	Upper	
266	100		
264	59.3	49.3	73.9
268	62.5	52.4	78.6

