

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022890.D
 Acq On : 02 Oct 2019 13:28
 Operator : JU
 Sample : K4983-19
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDL3

Quant Time: Oct 03 01:40:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	244363	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1045231	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	579946	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	991280	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	839459	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	998152	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	25368	4.49	ng/uL	0.00
5) Phenol-d5	6.97	99	109128	5.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	215797	18.26	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	264290	15.20	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	183745	10.39	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	147203	18.25	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	158479	17.99	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	298046	16.99	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	344720	16.18	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	901027	20.02	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1018961	19.61	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	37734	4.24	ng/ul	0.00
58) Fluorene-d10	15.43	176	745865	19.44	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	100067	15.51	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1070503	22.11	ng/ul	-0.01
79) Pyrene-d10	19.56	212	1083706	23.99	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1179302	22.84	ng/ul	-0.02

Target Compounds

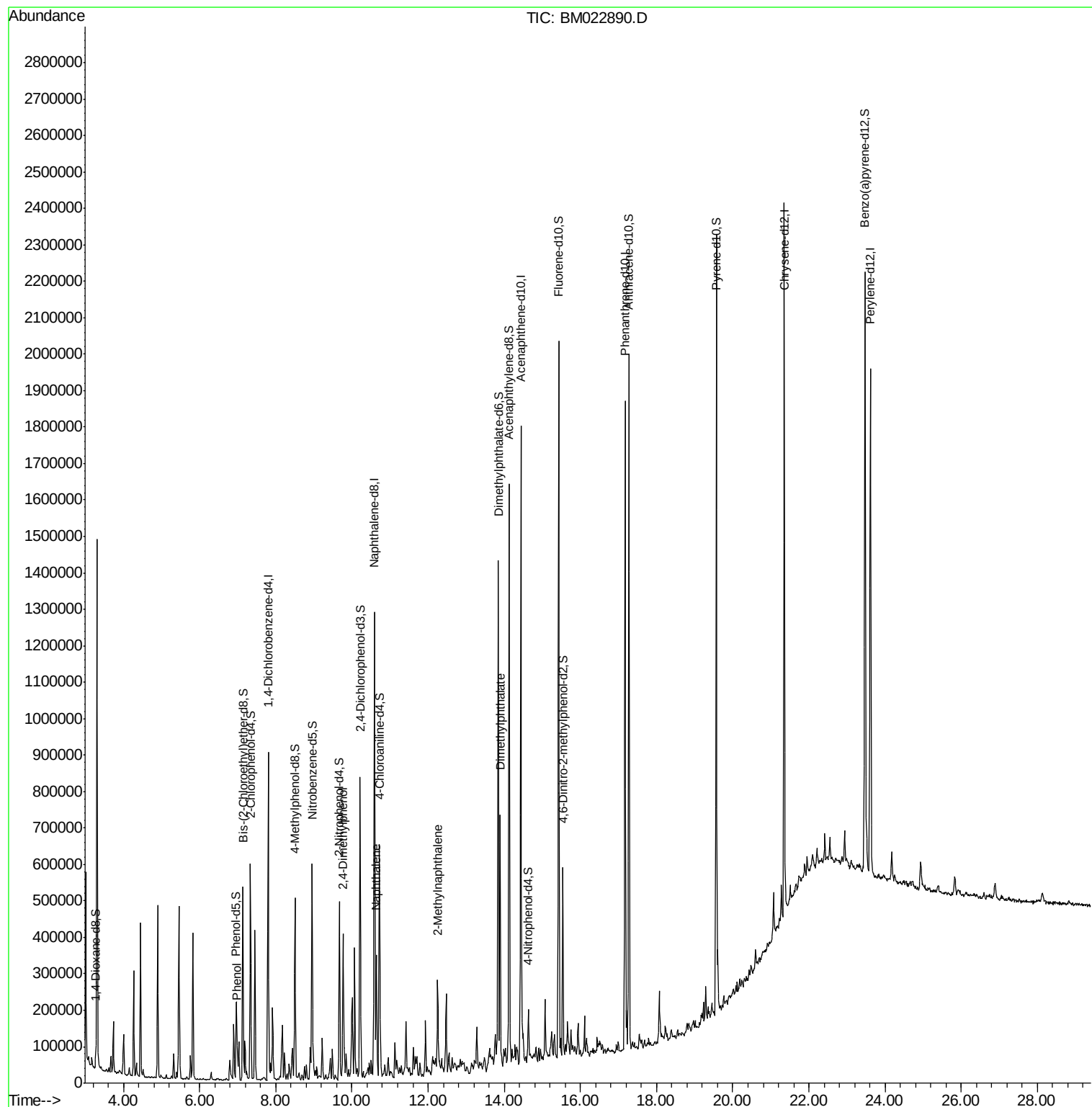
					Qvalue
6) Phenol	6.99	94	42053	1.858 ng/ul	95
24) 2,4-Dimethylphenol	9.77	107	154413	7.872 ng/ul	98
28) Naphthalene	10.64	128	245471	4.349 ng/ul	100
34) 2-Methylnaphthalene	12.25	142	122880	2.903 ng/ul	98
45) Dimethylphthalate	13.89	163	434099	9.389 ng/ul	99

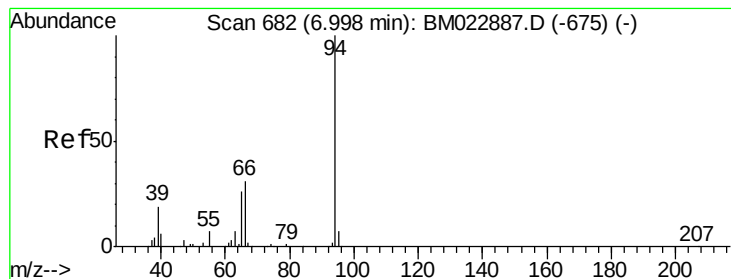
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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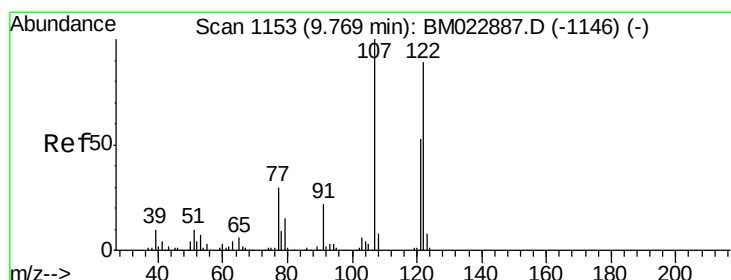
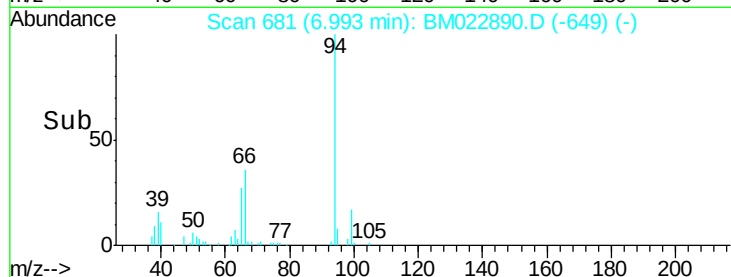
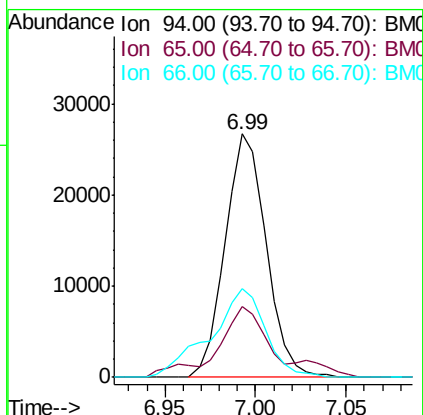
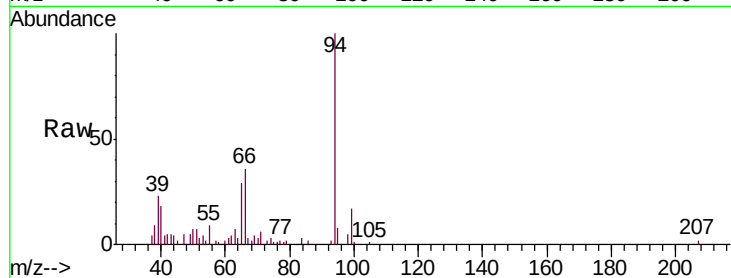
#6

Phenol

Concen: 1.858 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM022890.D
 Acq: 02 Oct 2019 13:28

Instrument :
 BNA_M
 ClientSampleId :
 BFDL3

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	20.9	31.3
66	36.3	27.2	40.8

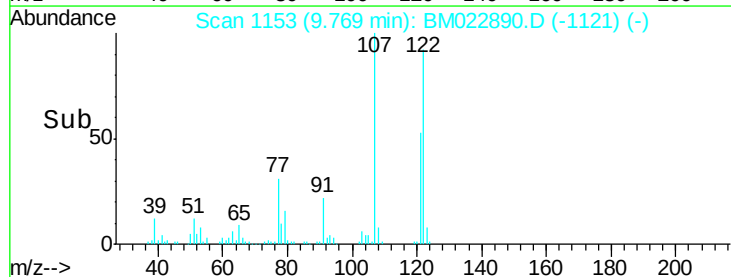
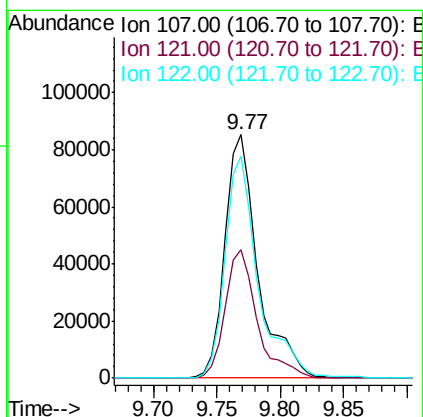
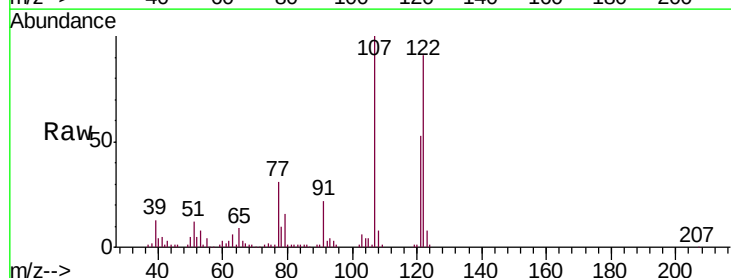


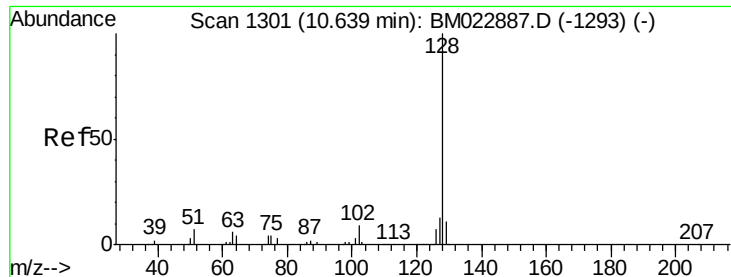
#24

2,4-Dimethylphenol

Concen: 7.872 ng/ul
 RT: 9.77 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BM022890.D
 Acq: 02 Oct 2019 13:28

Tgt Ion	Ratio	Lower	Upper
107	100		
121	52.5	43.0	64.4
122	91.4	71.4	107.0

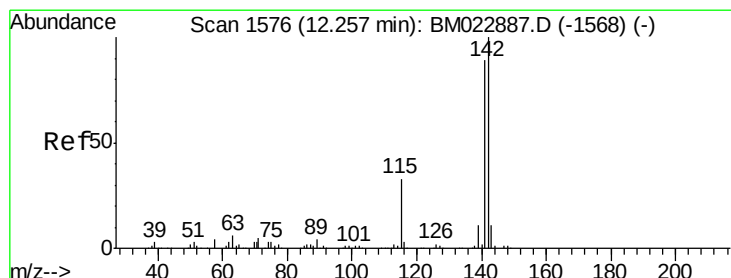
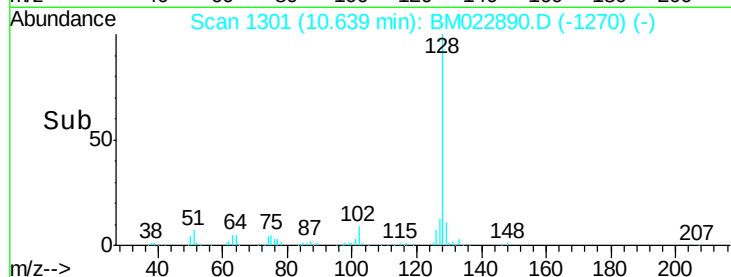
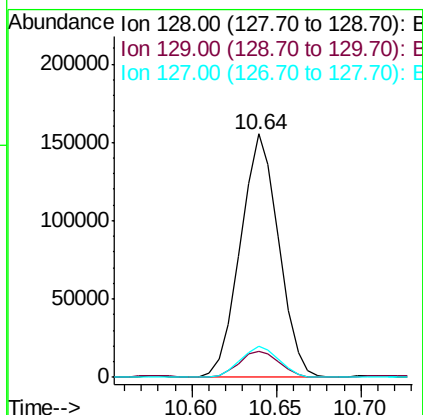
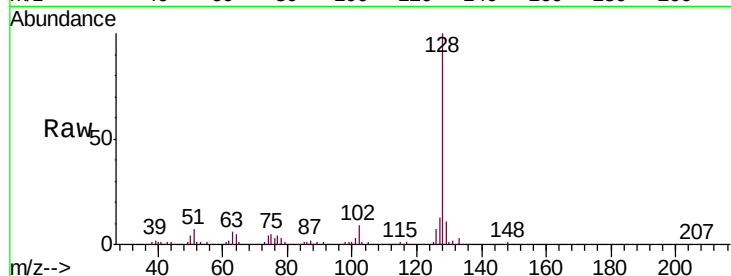




#28
Naphthalene
Concen: 4.349 ng/ul
RT: 10.64 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM022890.D
Acq: 02 Oct 2019 13:28

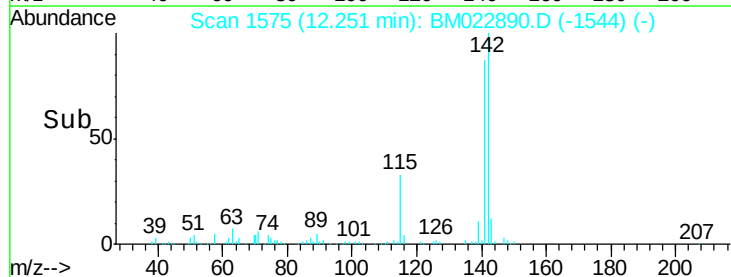
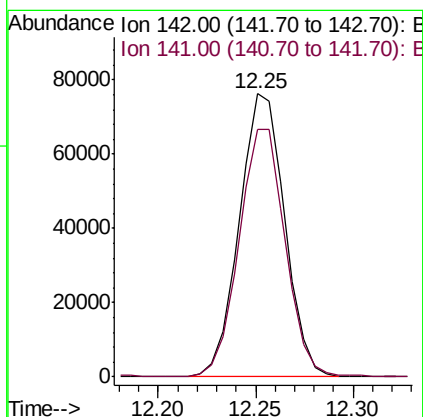
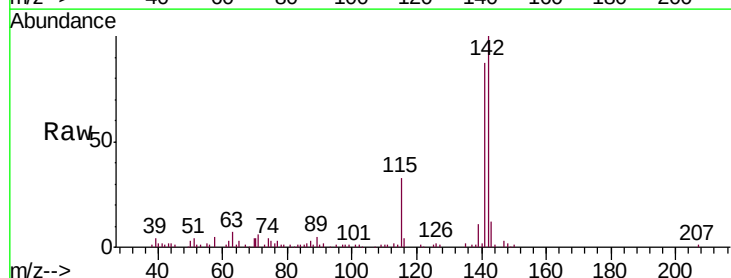
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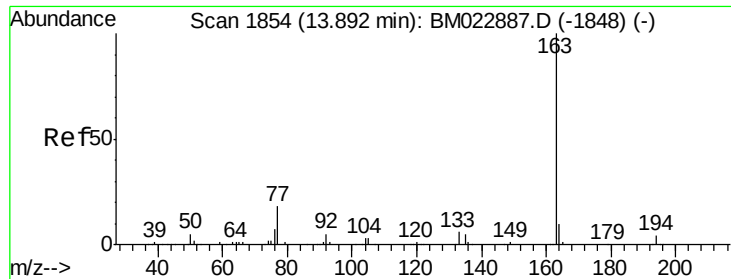
Tgt Ion:128 Resp: 245471
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.9 10.2 15.4



#34
2-Methylnaphthalene
Concen: 2.903 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BM022890.D
Acq: 02 Oct 2019 13:28

Tgt Ion:142 Resp: 122880
Ion Ratio Lower Upper
142 100
141 87.4 71.2 106.8





#45

Dimethylphthalate

Concen: 9.389 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022890.D

Acq: 02 Oct 2019 13:28

Instrument :

BNA_M

ClientSampleId :

BFDL3

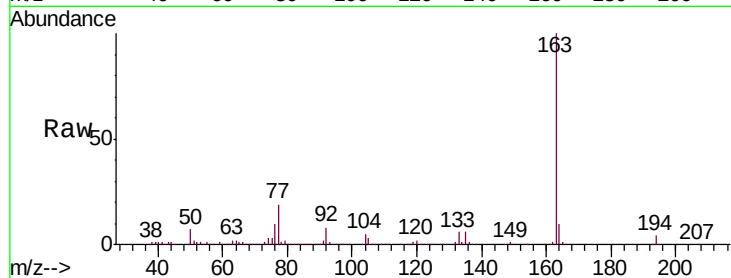
Tgt Ion:163 Resp: 434099

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.8 8.1 12.1



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

