

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022892.D
 Acq On : 02 Oct 2019 14:41
 Operator : JU
 Sample : K4983-21
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDL5

Quant Time: Oct 03 01:52:01 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	239236	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.59	136	1091395	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.43	164	681103	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.17	188	1231335	20.00	ng/ul	-0.01
78) Chrysene-d12	21.35	240	878680	20.00	ng/ul	-0.02
86) Perylene-d12	23.62	264	961765	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	28171	5.09	ng/uL	0.00
5) Phenol-d5	6.97	99	113599	5.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	199761	17.27	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	254921	14.98	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	191845	11.08	ng/ul	-0.01
19) Nitrobenzene-d5	8.95	128	143942	17.09	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	158213	17.20	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.21	165	304929	16.65	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	321957	14.47	ng/ul	-0.01
44) Dimethylphthalate-d6	13.85	166	1015623	19.21	ng/ul	-0.01
47) Acenaphthylene-d8	14.13	160	1060297	17.37	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.63	143	49595	4.75	ng/ul	0.00
58) Fluorene-d10	15.43	176	823659	18.28	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.54	200	124658	15.56	ng/ul	-0.02
71) Anthracene-d10	17.27	188	1287702	21.42	ng/ul	-0.01
79) Pyrene-d10	19.56	212	1251672	26.47	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.47	264	1104986	22.21	ng/ul	-0.03

Target Compounds

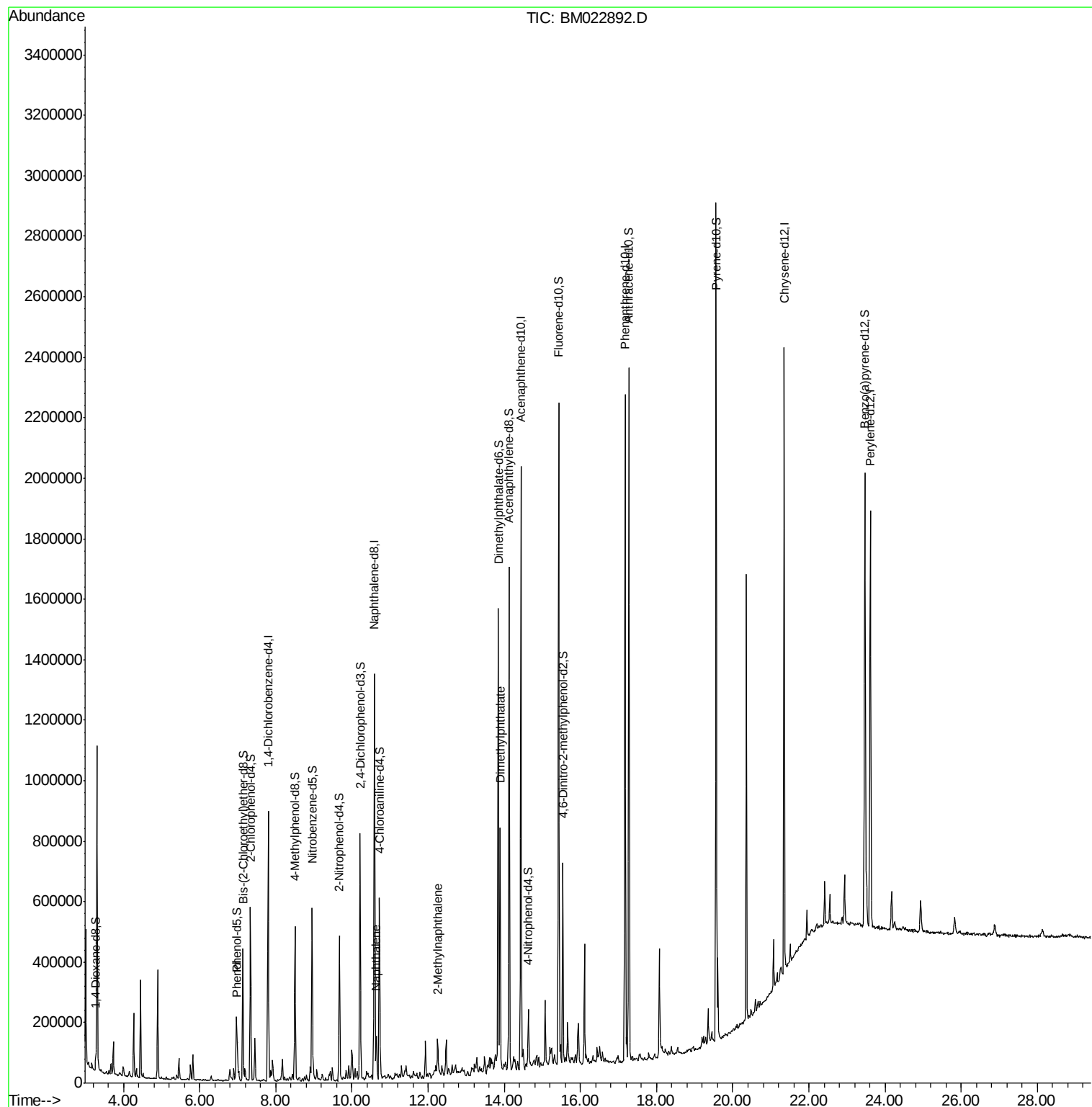
					Qvalue
6) Phenol	6.99	94	62855	2.836 ng/ul	99
28) Naphthalene	10.64	128	104639	1.775 ng/ul	98
34) 2-Methylnaphthalene	12.25	142	56929	1.288 ng/ul	98
45) Dimethylphthalate	13.89	163	508229	9.359 ng/ul	100

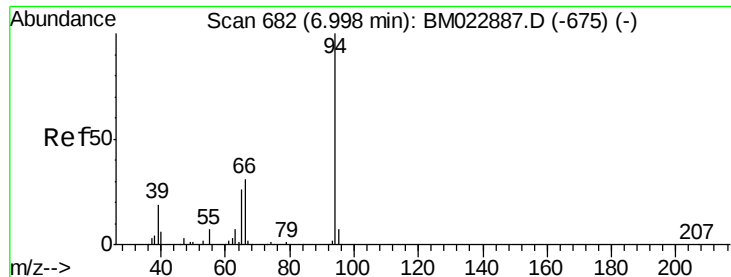
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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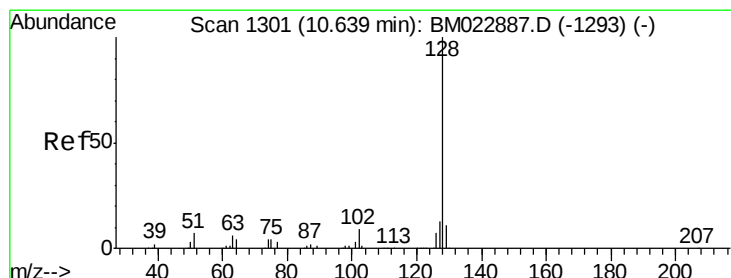
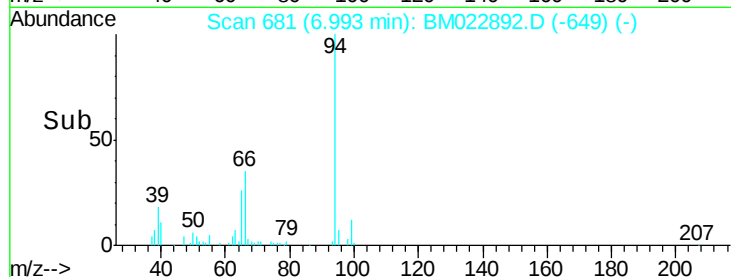
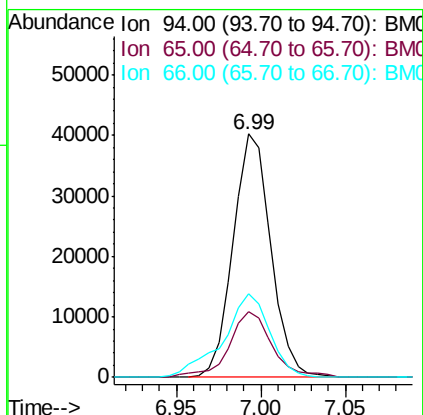
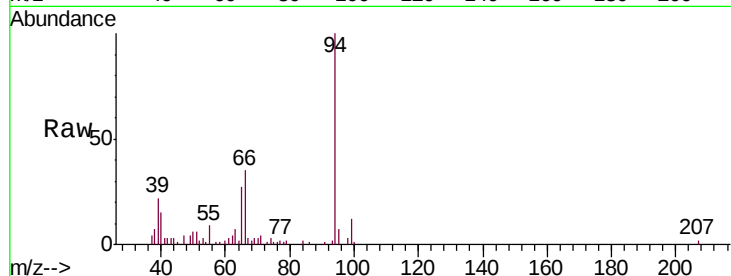
#6

Phenol

Concen: 2.836 ng/ul
 RT: 6.99 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BM022892.D
 Acq: 02 Oct 2019 14:41

Instrument :
 BNA_M
 ClientSampleId :
 BFDL5

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.1	20.9	31.3
66	34.5	27.2	40.8

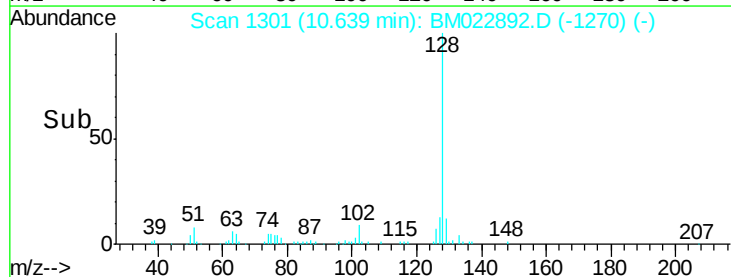
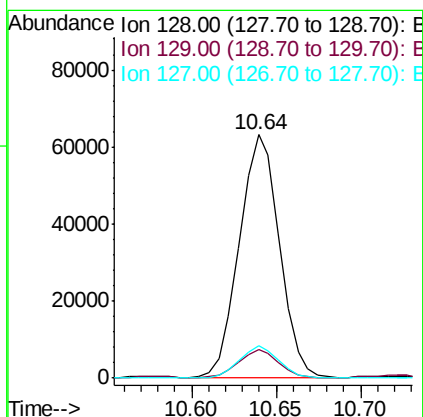
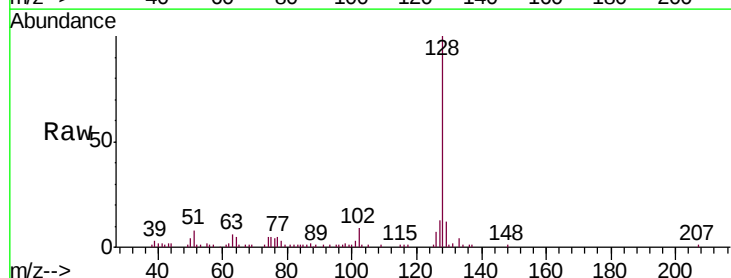


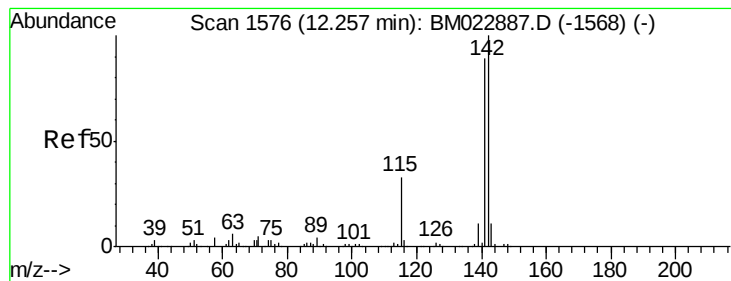
#28

Naphthalene

Concen: 1.775 ng/ul
 RT: 10.64 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BM022892.D
 Acq: 02 Oct 2019 14:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.4	10.2	15.4





#34

2-Methylnaphthalene

Concen: 1.288 ng/ul

RT: 12.25 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BM022892.D

Acq: 02 Oct 2019 14:41

Instrument :

BNA_M

ClientSampleId :

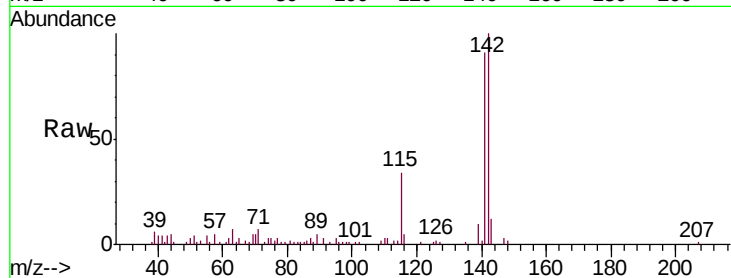
BFDL5

Tgt Ion:142 Resp: 56929

Ion Ratio Lower Upper

142 100

141 90.8 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.25

40000

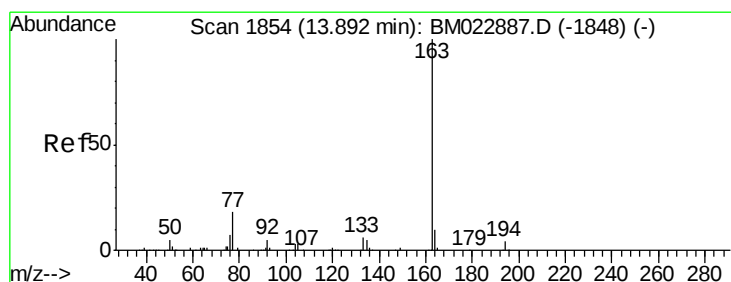
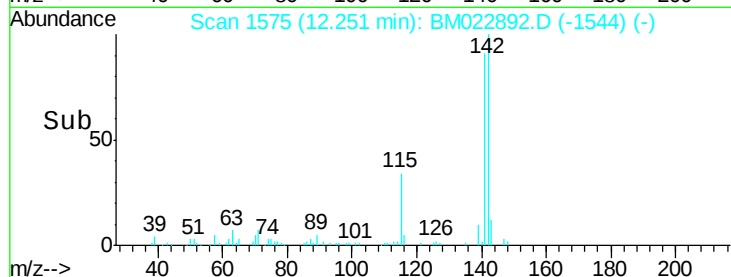
30000

20000

10000

0

Time--> 12.20 12.25 12.30



#45

Dimethylphthalate

Concen: 9.359 ng/ul

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM022892.D

Acq: 02 Oct 2019 14:41

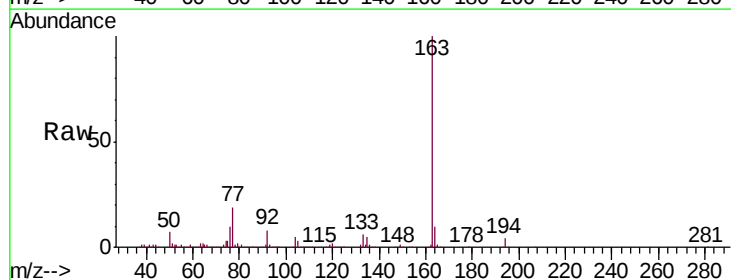
Tgt Ion:163 Resp: 508229

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.9 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

13.89

500000

400000

300000

200000

100000

0

Time--> 13.85 13.90 13.95

