

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024938.D
 Acq On : 18 Feb 2020 19:48
 Operator : CG/JU
 Sample : L1486-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 03:43:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	306185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1115240	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	672738	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1397568	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1392878	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1518379	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.03	96	47064	7.39	ng/uL	0.00
5) Phenol-d5	6.59	99	166881	8.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	451606	39.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	520024	28.54	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	294328	17.15	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	297070	36.84	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.24	143	336609	35.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	555471	28.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	34056	1.89	ng/ul	0.01
44) Dimethylphthalate-d6	13.46	166	1767178	34.80	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	2120143	35.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	32661	3.96	ng/ul	0.00
58) Fluorene-d10	15.04	176	1553658	34.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	259469	28.48	ng/ul	0.00
71) Anthracene-d10	16.89	188	2417177	37.89	ng/ul	0.00
79) Pyrene-d10	19.20	212	2690669	38.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	2968095	38.92	ng/ul	0.00

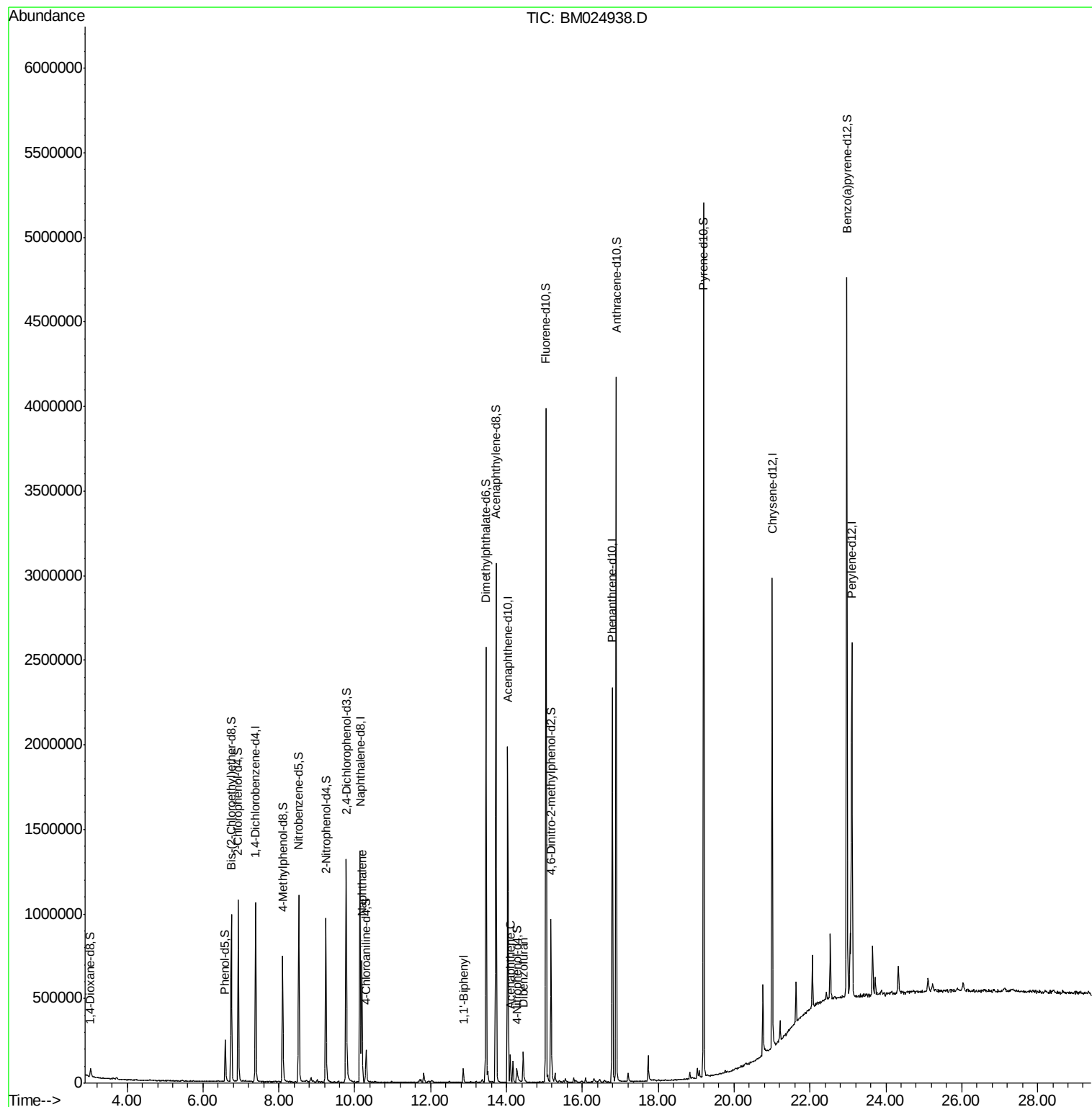
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.19	128	610486	10.714	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	51853	1.044	ng/ul	99
50) Acenaphthene	14.10	153	64555	1.556	ng/ul	97
54) Dibenzofuran	14.44	168	124088	2.007	ng/ul	96

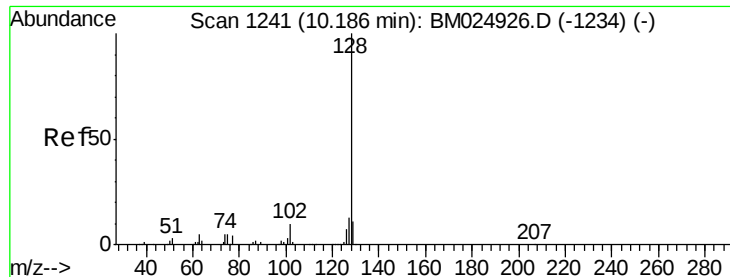
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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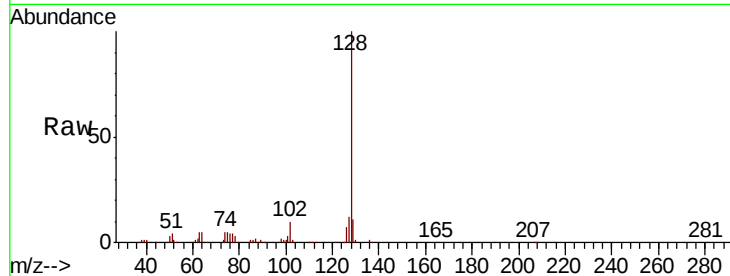




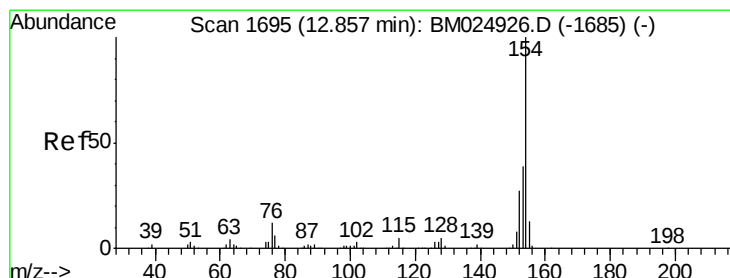
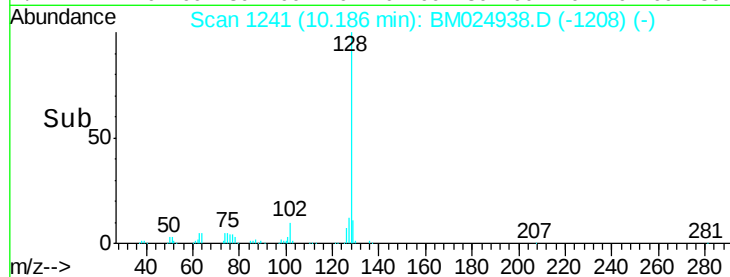
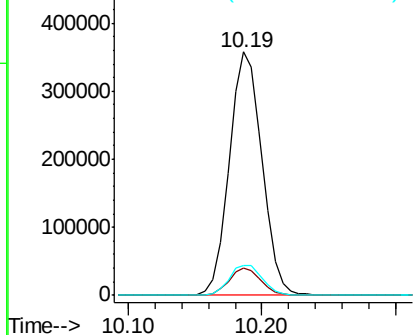
#28
Naphthalene
Concen: 10.714 ng/ul
RT: 10.19 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BM024938.D
Acq: 18 Feb 2020 19:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 610486
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.4 10.4 15.6

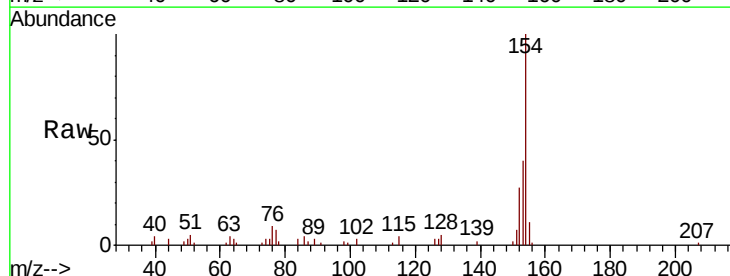


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

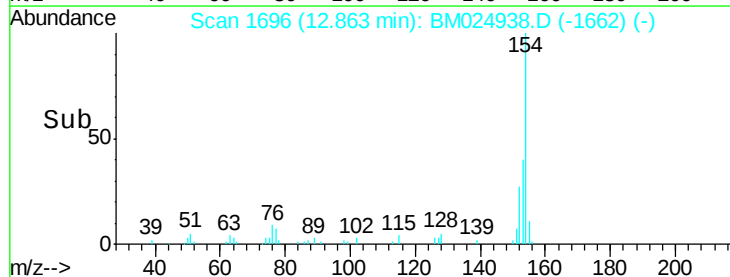
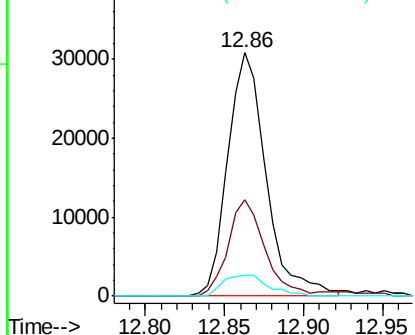


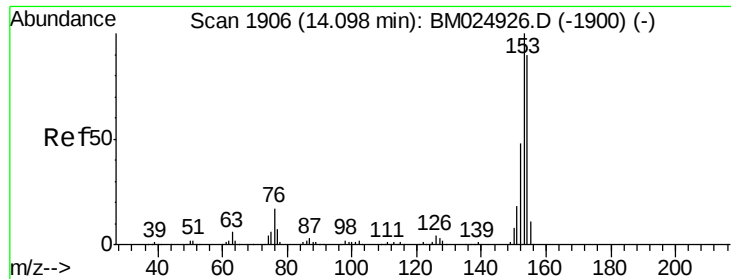
#41
1,1'-Biphenyl
Concen: 1.044 ng/ul
RT: 12.86 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BM024938.D
Acq: 18 Feb 2020 19:48

Tgt Ion:154 Resp: 51853
Ion Ratio Lower Upper
154 100
153 39.6 31.4 47.2
76 8.7 7.5 11.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





#50

Acenaphthene

Concen: 1.556 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM024938.D

Acq: 18 Feb 2020 19:48

Instrument :

BNA_M

ClientSampleId :

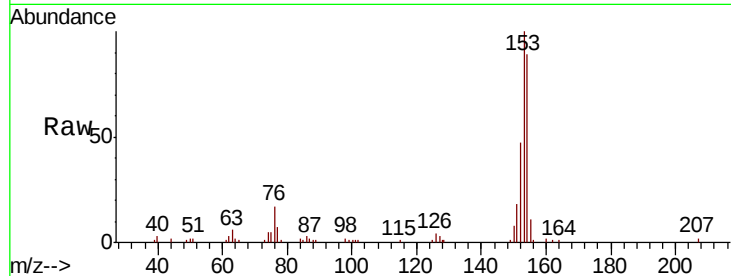
Tot Ion:153 Resp: 64555

Ion Ratio Lower Upper

153 100

152 47.1 37.3 55.9

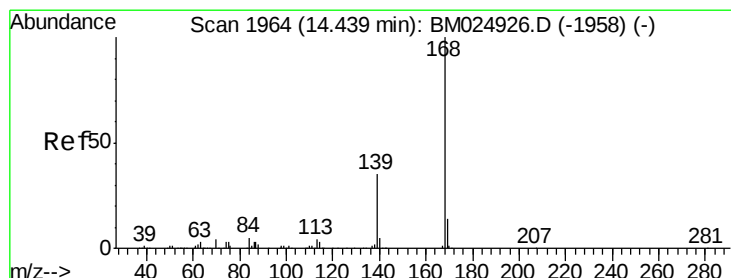
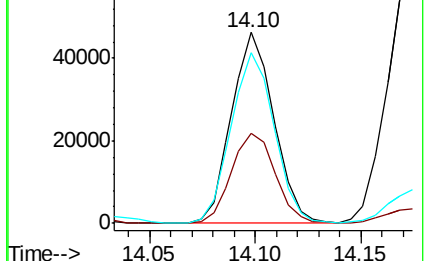
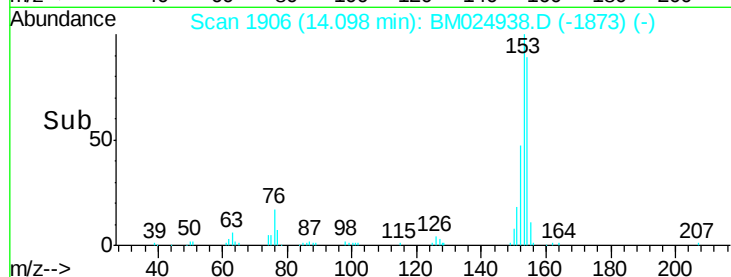
154 89.2 74.1 111.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.007 ng/ul

RT: 14.44 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM024938.D

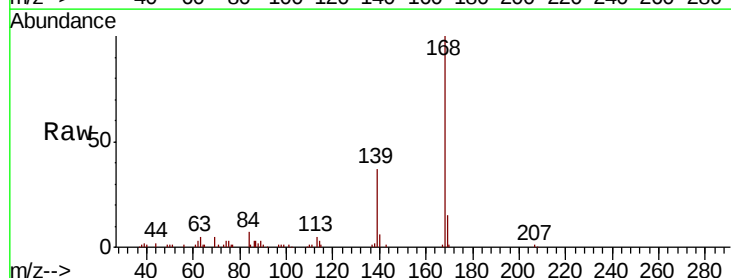
Acq: 18 Feb 2020 19:48

Tgt Ion:168 Resp: 124088

Ion Ratio Lower Upper

168 100

139 37.2 27.8 41.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

