Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024947.D
Acq On : 19 Feb 2020 17:04
Operator : CG/JU
Sample : L1541-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD66DL

Quant Time: Feb 19 23:44:07 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	359272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1311037	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	807451	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1818095	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	2002872	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	2142769	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	6413	0.86	ng/uL	0.00
5) Phenol-d5	6.59	99	80341	3.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	244798	18.16	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	268127	12.54	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	150607	7.48	ng/ul	-0.01
19) Nitrobenzene-d5	8.53	128	160063	16.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	171802	15.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	302199	13.37	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.46	166	958191	15.72	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1160530	16.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	20630	2.08	ng/ul	0.01
58) Fluorene-d10	15.04	176	858989	15.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	127882	10.79	ng/ul	0.00
71) Anthracene-d10	16.89	188	1405835	16.94	ng/ul	-0.01
79) Pyrene-d10	19.20	212	1654660	16.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1835569	17.06	ng/ul	-0.01
Target Compounds						Qvalue
41) 1,1'-Biphenyl	12.86	154	2183191	36.626	ng/ul#	98
50) Acenaphthene	14.10	153	1019964	20.485	ng/ul	97
75) Carbazole	17.20	167	459413	5.485	ng/ul	99

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

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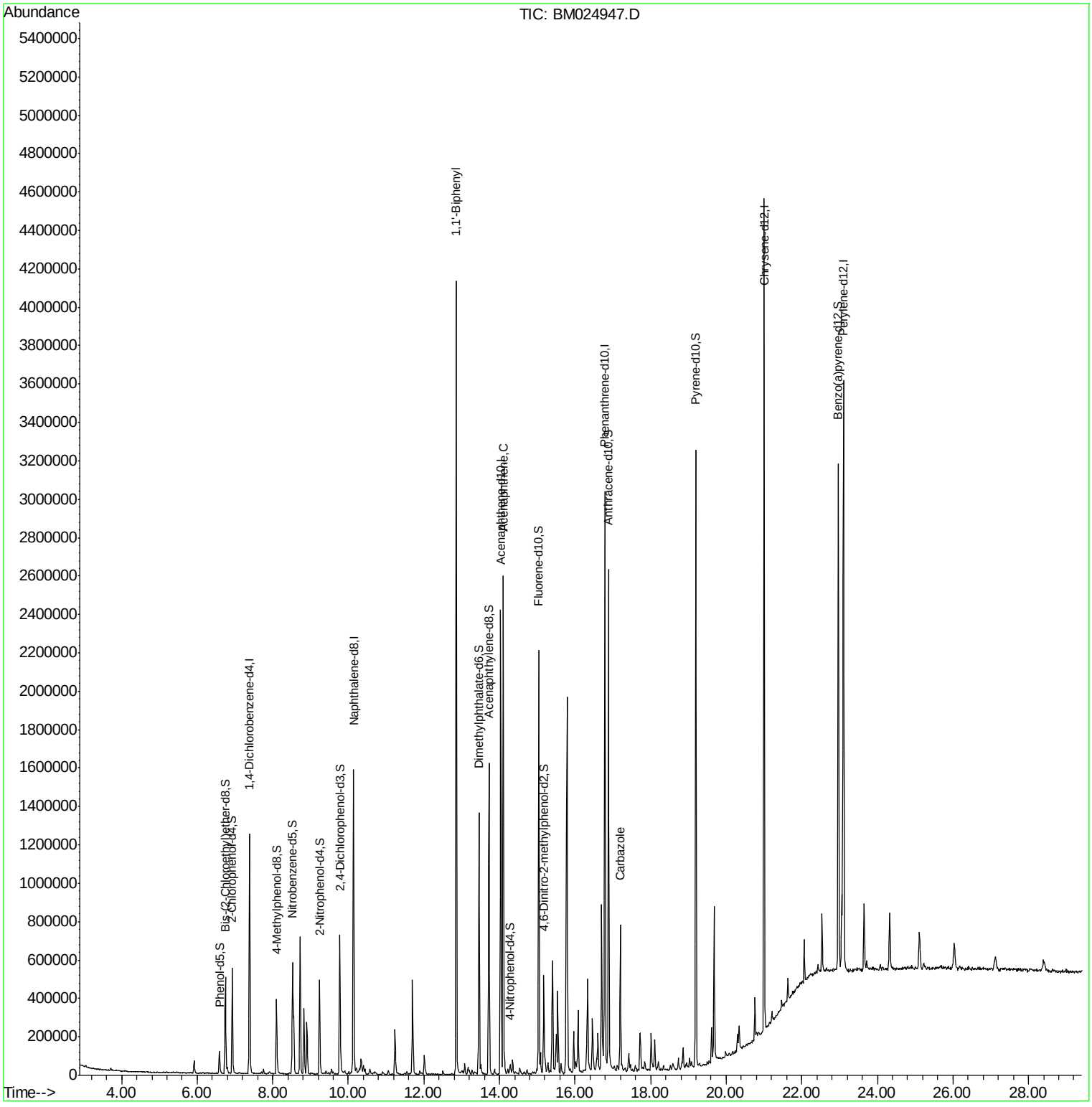
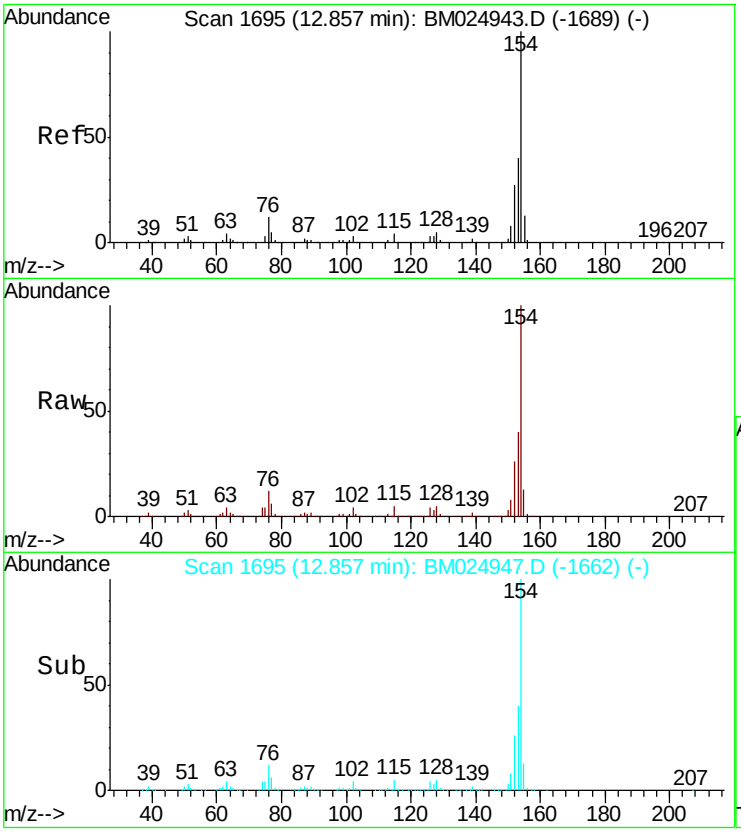


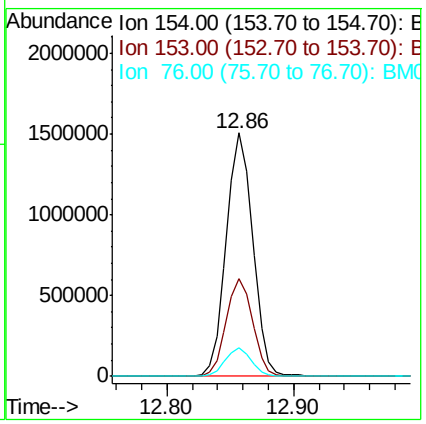


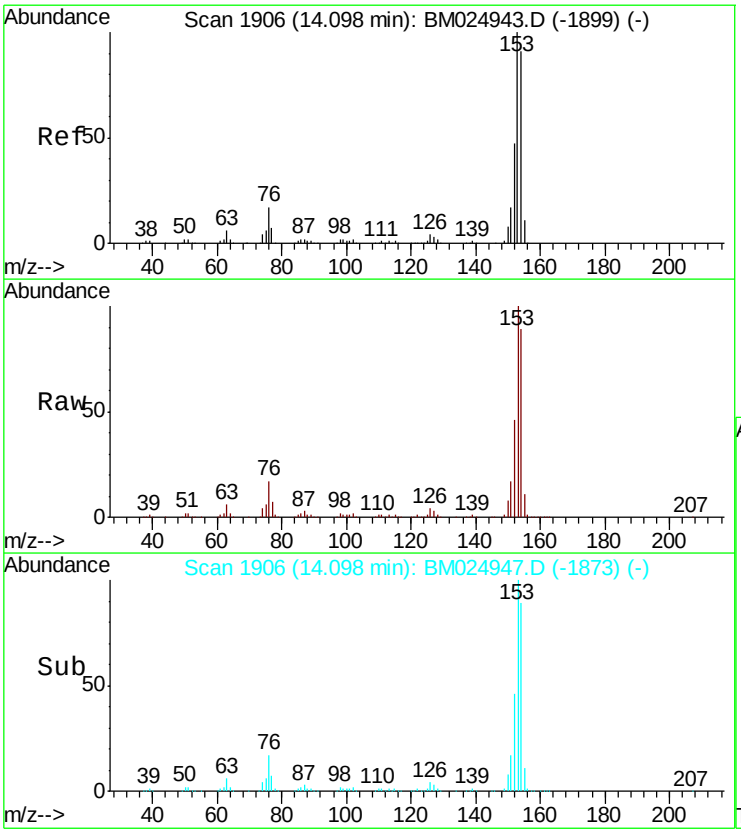
#41
1,1'-Biphenyl
Concen: 36.626 ng/ul
RT: 12.86 min Scan# 1695
Delta R.T. -0.01 min
Lab File: BM024947.D
Acq: 19 Feb 2020 17:04

Instrument :
BNA_M
ClientSampleId :
DBD66DL

Tgt Ion:154 Resp: 2183191

Ion	Ratio	Lower	Upper
154	100		
153	40.1	31.4	47.2
76	11.9	7.5	11.3#

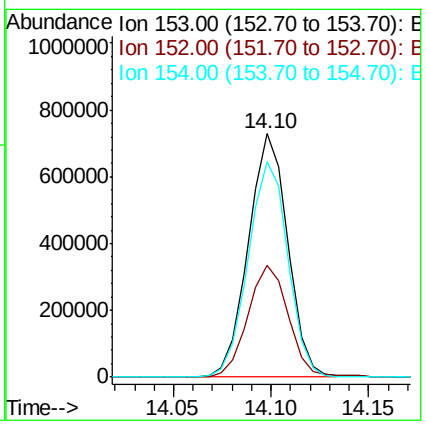


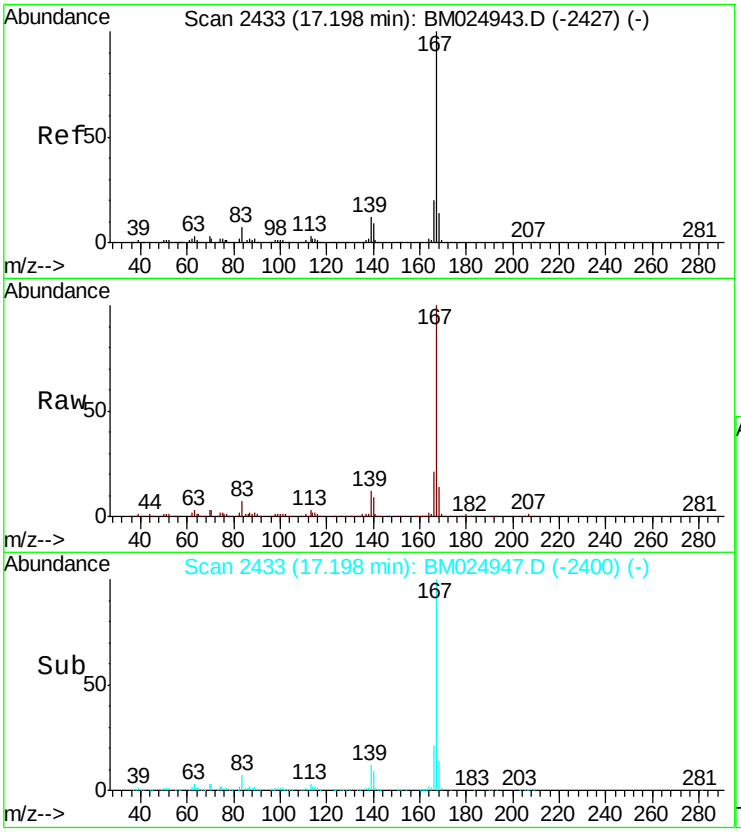


#50
Acenaphthene
Concen: 20.485 ng/ul
RT: 14.10 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM024947.D
Acq: 19 Feb 2020 17:04

Tgt Ion:153 Resp: 1019964

Ion	Ratio	Lower	Upper
153	100		
152	46.0	37.3	55.9
154	88.7	74.1	111.1





#75
Carbazole
Concen: 5.485 ng/ul
RT: 17.20 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BM024947.D
Acq: 19 Feb 2020 17:04

Instrument :
BNA_M
ClientSampleId :
DBD66DL

Tgt Ion:167 Resp: 459413

Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.6	24.8
139	12.2	9.3	13.9